


MINISTÉRIO DAS MINAS E ENERGIA
DEPARTAMENTO NACIONAL DA PRODUÇÃO MINERAL
CONVÊNIO DNPM - CPRM

PROJETO SULFETOS DE ALENQUER -
MONTE ALEGRE

RELATÓRIO FINAL
ARQUIVO GEOQUÍMICO
VOLUME V

I. 96

 CPRM	SUREMI SEDOE
ARQUIVO TÉCNICO	
Relatório n.º	455
N.º de Volumes:	5 v.: 5-5
OSTENSIVO	

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELÉM

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PROJETO SULFETOS DE ALENQUER-MONTE ALEGRE

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PROJETO SULFETOS DE ALENQUER-MONTE ALEGRE

RELATÓRIO FINAL

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Vol. V - ARQUIVO GEOQUÍMICO

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

OPCOES	ARQUIVO	CT. SEL.	CT. MAT.	PROJETO	CENTRO DE CUSTO
0100000000	-FS280C01-	2	0	--- ALENQUER MONTE ALEGRE	1554.310
ARQUIVO DE ENTRADA				DESCRICAO	
-FS280001-	---			ARQUIVO GERAL DO PROJETO ALENQUER MONTE ALEGRE	---
ARQUIVO DE SAIDA				DESCRICAO	
-FS2805ED-	---			SEDIMENTOS DE CORRENTE	---

CARTOES DE SELFCAO DO SUB-ARQUIVO

CARTAO	CAMPO	VALORES PARA TESTE
04	14 S	
02	00 DAJ601	DAJ990 DAR535 DAU228

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
CAJ601	AM0133	DAJ602	AM0134	DAJ603	AM0137	DAJ604	AM0138	DAJ605	AM0139	DAJ606	AM0141
CAJ607	AM0142	DAJ608	AM0143	DAJ609	AM0145	DAJ610	AM0146	DAJ611	AM0147	DAJ612	AM0148
CAJ613	AM0151	DAJ614	AM0152	DAJ615	AM0153	DAJ616	AM0154	DAJ617	AM0157	DAJ618	AM0158
CAJ619	AM0159	DAJ620	AM0160	DAJ621	AM0161	DAJ622	AM0164	DAJ623	AM0168	DAJ624	AM0172
CAJ625	AM0173	DAJ626	AM0176	DAJ627	AM0178	DAJ628	AM0180	DAJ629	AM0181	DAJ630	AM0182
CAJ631	AM0183	DAJ632	AM0184	DAJ633	AM0185	DAJ634	AM0186	DAJ635	AM0189	DAJ636	AM0191
CAJ637	AM0192	DAJ638	AM0194	DAJ639	AM0196	DAJ640	AM0197	DAJ641	AM0199	DAJ642	AM0226
CAJ643	AM0228	DAJ644	AM0229	DAJ645	AM0230	DAJ681	PR0157	DAJ682	PR0158	DAJ683	PR0159
CAJ684	PR0162	DAJ685	PR0164	DAJ686	PR0167	DAJ697	PR0168	DAJ688	PR0169	DAJ689	PR0173
CAJ690	PR0176	DAJ691	PR0179	DAJ692	PR0180	DAJ693	PR0183	DAJ694	PR0184	DAJ695	PR0186
CAJ696	PR0188	DAJ697	PR0189	DAJ698	PR0191	DAJ699	PR0196	DAJ700	PR0197	DAJ701	PR0198
CAJ702	PR0199	DAJ703	PR0201	DAJ704	PR0203	DAJ705	PR0205	DAJ706	PR0206	DAJ707	PR0208
CAJ708	PR0209	DAJ709	PR0210	DAJ710	PR0211	DAJ711	PR0214	DAJ712	PR0215	DAJ713	PR0216
CAJ714	PR0217	DAJ715	PR0218	DAJ716	PR0219	DAJ717	PR0220	DAJ718	PR0221	DAJ719	PR0223
CAJ720	PR0224	DAJ721	PR0264	DAJ723	PR0014	DAJ724	PR0015	DAJ815	PR0016	DAJ816	PR0024
CAJ737	PR0025	DAJ818	PR0026	DAJ819	PR0027	DAJ832	PR0031	DAJ833	PR0032	DAJ834	PR0033
CAJ835	PR0004	DAJ836	PR0005	DAJ837	PR0006	DAJ838	PR0007	DAJ839	PR0008	DAJ840	PR0009
CAJ841	PR0010	DAJ842	PR0011	DAJ843	PR0012	DAJ844	PR0013	DAJ845	PR0014	DAJ846	PR0015
CAJ847	PR0016	DAJ848	PR0017	DAJ849	PR0018	DAJ850	PR0019	DAJ851	PR0020	DAJ852	PR0021
CAJ853	PR0022	DAJ854	PR0023	DAJ855	PR0024	DAJ856	PR0025	DAJ857	PR0026	DAJ858	PR0035
CAJ859	PR0036	DAJ860	PR0037	DAJ861	PR0038	DAJ862	PR0041	DAJ863	PR0042	DAJ864	PR0043
CAJ865	PR0044	DAJ866	PR0045	DAJ867	PR0046	DAJ868	PR0047	DAJ869	PR0048	DAJ870	PR0049
CAJ871	PR0050	DAJ872	PR0051	DAJ873	PR0052	DAJ874	PR0055	DAJ875	PR0056	DAJ876	PR0062
CAJ877	PR0063	DAJ878	PR0064	DAJ879	PR0070	DAJ880	PR0071	DAJ881	PR0073	DAJ882	PR0075
CAJ883	PR0077	DAJ884	PR0079	DAJ885	PR0080	DAJ886	PR0082	DAJ887	PR0085	DAJ888	PR0086
CAJ889	PR0087	DAJ890	PR0088	DAJ891	PR0089	DAJ892	PR0090	DAJ893	PR0091	DAJ894	PR0092
CAJ895	PR0093	DAJ896	PR0094	DAJ897	PR0096	DAJ898	PR0097	DAJ899	PR0098	DAJ900	PR0101
CAJ901	PR0102	DAJ902	PR0103	DAJ903	PR0104	DAJ904	PR0114	DAJ905	PR0115	DAJ906	PR0116
CAJ907	PR0120	DAJ908	PR0121	DAJ909	PR0122	DAJ910	PR0123	DAJ911	PR0127	DAJ912	PR0128
CAJ913	PR0130	DAJ914	PR0132	DAJ915	PR0133	DAJ916	PR0134	DAJ917	PR0136	DAJ918	PR0149
CAJ919	PR0153	DAJ920	PR0154	DAJ921	PR0155	DAJ922	AM0032	DAJ923	AM0033	DAJ924	AM0035
CAJ925	AM0006	DAJ926	AM0009	DAJ927	AM0012	DAJ928	AM0014	DAJ929	AM0019	DAJ930	AM0020
CAJ931	AM0021	DAJ932	AM0022	DAJ933	AM0023	DAJ934	AM0024	DAJ935	AM0028	DAJ936	AM0029
CAJ937	AM0030	DAJ938	AM0031	DAJ939	AM0032	DAJ940	AM0034	DAJ941	AM0035	DAJ942	AM0038
CAJ943	AM0039	DAJ944	AM0040	DAJ945	AM0041	DAJ946	AM0042	DAJ947	AM0043	DAJ948	AM0046
CAJ949	AM0047	DAJ950	AM0048	DAJ951	AM0049	DAJ952	AM0050	DAJ953	AM0051	DAJ954	AM0052
CAJ955	AM0074	DAJ956	AM0077	DAJ957	AM0078	DAJ958	AM0080	DAJ959	AM0081	DAJ960	AM0082
CAJ961	AM0083	DAJ962	AM0084	DAJ963	AM0085	DAJ964	AM0086	DAJ965	AM0087	DAJ966	AM0088
CAJ967	AM0089	DAJ968	AM0090	DAJ969	AM0091	DAJ970	AM0092	DAJ971	AM0096	DAJ972	AM0097
CAJ973	AM0098	DAJ974	AM0099	DAJ975	AM0100	DAJ976	AM0101	DAJ977	AM0102	DAJ978	AM0105
CAJ979	AM0107	DAJ980	AM0108	DAJ981	AM0109	DAJ982	AM0110	DAJ983	AM0111	DAJ984	AM0112
CAJ985	AM0118	DAJ986	AM0120	DAJ987	AM0121	DAJ988	AM0122	DAJ989	AM0123	DAJ990	AM0126
CAJ535	AM0441	DAR536	AM0443	DAR537	AM0444	DAR538	AM0445	DAR539	AM0446	DAR540	AM0447
CAJ541	AM0448	DAR542	AM0450	DAR543	AM0451	DAR544	AM0455	DAR545	AM0456	DAR546	AM0457
CAJ547	AM0458	DAR548	AM0459	DAR549	AM0462	DAR550	AM0463	DAR551	AM0464	DAR552	AM0465
CAJ553	AM0468	DAR554	AM0469	DAR555	AM0470	DAR556	AM0471	DAR557	AM0472	DAR558	AM0473

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU
CAP559	AM0475	DAR560	AM0476	DAR561	AM0477	DAR562	AM0478	DAR563	AM0497	DAR564	AM0500
DAR565	AM0501	DAR566	AM0502	DAR567	AM0503	DAR568	AM0504	DAR569	AM0506	DAR570	AM0507
CAR571	AM0508	DAR572	AM0511	DAR573	AM0512	DAR574	AM0513	DAR575	AM0514	DAR576	AM0515
CAP577	AM0516	DAR578	AM0517	DAR579	AM0518	DAR580	AM0519	DAR581	AM0520	DAR582	AM0521
DAR583	AM0522	DAR584	AM0523	DAR585	AM0524	DAR586	AM0528	DAR587	AM0529	DAR588	AM0530
CAR590	AM0532	DAR591	AM0533	DAR592	AM0534	DAR593	AM0535	DAR594	AM0536	DAR595	AM0538
CAR596	AM0539	DAR597	AM0540	DAR598	AM0542	DAR599	AM0543	DAR600	AM0544	DAR601	AM0545
CAR602	AM0549	DAR603	AM0550	DAR604	AM0551	DAR605	AM0553	DAR606	AM0554	DAR607	AM0555
CAR608	AM0558	DAR609	AM0559	DAR610	AM0564	DAR611	AM0565	DAS003	PP0069	DAS004	PP0070
CAS005	PP0071	DAS006	PP0075	DAS007	PP0076	DAS008	PP0077	DAS009	PP0080	DAS010	PP0082
CAS011	PP0085	DAS012	PP0086	DAS013	PP0088	DAS014	PP0091	DAS015	PP0093	DAS016	PP0095
CAS017	PP0096	DAS018	PP0097	DAS019	PP0103	DAS020	PP0104	DAS021	PP0105	DAS022	PP0106
CAS023	PP0108	DAS024	PP0109	DAS025	PP0110	DAS026	PP0111	DAS027	PP0112	DAS028	PP0113
CAS029	PP0114	DAS030	PP0116	DAS031	PP0117	DAS032	PP0124	DAS033	PP0131	DAS034	PP0133
CAS035	PP0135	DAS036	PP0136	DAS037	PP0137	DAS038	PP0138	DAS039	ES0001	DAS040	ES0002
DAS041	ES0004	DAS042	ES0005	DAS043	ES0006	DAS044	ES0007	DAS045	ES0008	DAS046	ES0009
CAS047	ES0010	DAS048	ES0011	DAS049	ES0012	DAS050	ES0013	DAS051	ES0014	DAS052	ES0015
CAS053	ES0018	DAS054	ES0019	DAS055	ES0020	DAS056	ES0021	DAS057	ES0022	DAS058	ES0023
CAS059	ES0025	DAS060	ES0026	DAS061	ES0027	DAS062	ES0028	DAS063	ES0029	DAS064	ES0030
CAS065	ES0031	DAS066	ES0032	DAS067	ES0033	DAS068	ES0034	DAS069	ES0035	DAS070	ES0037
DAS071	ES0038	DAS072	ES0039	DAS073	ES0040	DAS074	ES0041	DAS075	ES0042	DAS076	ES0043
DAS077	ES0044	DAS078	ES0045	DAS079	ES0046	DAS080	ES0047	DAS081	ES0048	DAS082	ES0049
DAS083	ES0050	DAS084	ES0051	DAS085	ES0052	DAS086	ES0053	DAS087	ES0054	DAS088	ES0055
CAS089	ES0056	DAS090	ES0057	DAS091	ES0058	DAS092	ES0059	DAS093	ES0060	DAS094	ES0061
CAS095	ES0062	DAS096	ES0063	DAS097	ES0064	DAS098	ES0065	DAS099	ES0066	DAS100	ES0067
CAS101	ES0068	DAS102	ES0069	DAS103	PS0001	DAS104	PS0002	DAS105	PS0003	DAS106	PS0004
CAS107	PS0005	DAS108	PS0006	DAS109	PS0007	DAS110	PS0008	DAS111	PS0009	DAS112	PS0010
CAS113	PS0011	DAS114	PS0013	DAS115	PS0014	DAS116	PS0016	DAS117	PS0017	DAS118	PS0018
CAS119	PS0019	DAS120	PS0020	DAS121	PS0021	DAS122	PS0022	DAS123	PS0023	DAS124	PS0024
CAS125	PS0025	DAS126	PS0026	DAS127	PS0027	DAS128	PS0028	DAS129	PS0029	DAS130	PS0030
CAS131	PS0031	DAS132	PS0032	DAS133	PS0033	DAS134	PS0034	DAS135	PS0035	DAS136	PS0036
CAS137	PS0037	DAS138	PS0038	DAS139	PS0039	DAS140	PS0040	DAS141	PS0041	DAS142	PS0042
CAS143	PS0043	DAS144	PS0044	DAS145	PS0045	DAS146	PS0047	DAS147	PS0048	DAS148	PS0049
CAS149	PS0050	DAS150	PS0051	DAS151	PS0052	DAS152	PS0053	DAS153	PS0054	DAS154	PS0055
CAS155	PS0057	DAS156	PS0058	DAS157	PS0059	DAS158	PS0060	DAS159	PS0061	DAS160	PS0062
CAS161	PS0064	DAS162	PS0065	DAS163	PS0066	DAS164	PS0067	DAS165	PS0068	DAS166	PS0069
CAS167	PS0070	DAS168	PS0071	DAS169	PS0072	DAS170	PS0073	DAS171	PS0074	DAS172	PS0075
CAS173	CF0001	DAS174	CF0003	DAS175	CF0006	DAS176	CF0007	DAS177	CF0008	DAS178	CF0011
CAS179	CF0012	DAS180	CF0013	DAS181	CF0015	DAS182	CF0016	DAS183	CF0018	DAS184	CF0020
CAS185	CF0021	DAS186	CF0022	DAS187	CF0024	DAS188	CF0025	DAS189	CF0028	DAS190	CF0029
CAS191	CF0030	DAS192	CF0033	DAS193	CF0034	DAS194	CF0035	DAS195	CF0036	DAS196	CF0037
CAS197	CF0038	DAS198	CF0041	DAS199	CF0043	DAS200	CF0045	DAS201	CF0048	DAS202	CF0050
CAS203	CF0052	DAS204	CF0055	DAS205	CF0056	DAS206	CF0058	DAS207	CF0061	DAS208	CF0064
CAS209	CF0065	DAS210	CF0067	DAS211	CF0068	DAS212	CF0070	DAS213	CF0071	DAS214	CF0073
CAS215	CF0075	DAS216	CF0077	DAS217	CF0079	DAS218	CF0080	DAS219	CF0082	DAS220	CF0083
CAS221	CF0084	DAS222	CF0085	DAS223	CF0086	DAS224	CF0087	DAS225	JE0001	DAS226	JE0002

SISTEMA DE ESTADISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
CAS227	JE0003	DAS228	JE0004	DAS229	JE0006	DAS230	JE0007	DAS231	JE0008	DAS232	JE0009
CAS233	JE0010	DAS234	JE0011	DAS235	JE0012	DAS236	JE0013	DAS237	JE0014	DAS238	JE0015
CAS239	JE0016	DAS240	JE0017	DAS241	JE0018	DAS242	JE0019	DAS243	JE0021	DAS244	JE0022
CAS245	JE0023	DAS246	JE0024	DAS247	JE0025	DAS248	JE0026	DAS249	JE0020	DAS250	ES0070
CAS251	PP0120	DAS258	CSC051	DAS259	CSC052	DAS260	CSC053	DAS261	CSC054	DAS262	CSC055
CAS263	CSC056	DAS264	CSC057	DAS265	CSC058	DAS266	CSC059	DAS267	CSC060	DAS268	CSC061
CAS269	CSC062	DAS270	CSC065	DAS271	CSC066	DAS272	CSC067	DAS273	CSC068	DAS274	CSC069
CAS275	CSC070	DAS276	CSC071	DAS277	CSC072	DAS278	CSC073	DAS279	CSC074	DAS280	CSC075
CAS281	CSC077	DAS282	CSC078	DAS283	CSC079	DAS284	CSC081	DAS285	JA0001	DAS286	JA0002
CAS287	JA0003	DAS288	JA0004	DAS289	JA0005	DAS290	JA0006	DAS291	JA0007	DAS292	JA0008
CAS293	JA0009	DAS294	JA0010	DAS295	JA0011	DAS296	JA0012	DAS297	JA0013	DAS298	JA0014
CAS299	JA0015	DAS297	PSC076	DAS658	PS0077	DAS659	PS0079	DAS660	PS0080	DAS661	PS0083
CAS662	PS0084	DAS663	PSC085	DAS664	PS0086	DAS665	PS0087	DAS666	PS0088	DAS667	PS0089
CAS668	PS0090	DAS669	PSC091	DAS670	PS0092	DAS671	PS0093	DAS672	PS0094	DAS673	PS0095
CAS674	PS0096	DAS675	PSC097	DAS676	PS0098	DAS677	PS0099	DAS678	PS0100	DAS679	PS0112
CAS680	PS0113	DAS681	PSC114	DAS682	PS0115	DAS683	PS0116	DAS684	PS0117	DAS685	PS0118
CAS686	PS0119	DAS687	PSC120	DAS688	PS0122	DAS689	PS0123	DAS690	PS0125	DAS691	PS0126
CAS692	PS0127	DAS693	PSC128	DAS694	PS0130	DAS695	PS0131	DAS696	PS0132	DAS697	PS0133
CAS698	PS0134	DAS699	PSC135	DAS700	PS0136	DAS701	PS0137	DAS702	PS0140	DAS703	PS0141
CAS704	PS0142	DAS705	PSC143	DAS706	PS0145	DAS707	PS0146	DAS708	PS0147	DAS709	PS0148
CAS710	PS0149	DAS711	PSC151	DAS712	PS0152	DAS713	PS0153	DAS714	PS0154	DAS715	PS0156
CAS716	AM0568	DAS717	AM0569	DAS718	AM0571	DAS719	AM0571	DAS720	AM0574	DAS721	AM0575
CAS722	AM0578	DAS723	AM0581	DAS724	AM0582	DAS725	AM0583	DAS726	AM0584	DAS727	AM0585
CAS728	AM0586	DAS729	AM0589	DAS730	AM0592	DAS731	AM0593	DAS732	AM0594	DAS733	AM0595
CAS734	AM0596	DAS735	AM0597	DAS736	AM0601	DAS737	AM0602	DAS738	AM0603	DAS739	AM0604
CAS740	AM0606	DAS741	AM0609	DAS742	AM0610	DAS743	AM0611	DAS744	AM0612	DAS745	AM0613
CAS746	AM0614	DAS747	AM0615	DAS748	AM0616	DAS749	AM0617	DAS750	AM0618	DAS751	AM0619
CAS752	AM0621	DAS753	AM0626	DAS754	AM0627	DAS755	AM0628	DAS756	AM0629	DAS757	ES0072
CAS759	ES0073	DAS900	ES0074	DAS901	ES0075	DAS902	ES0076	DAS903	ES0077	DAS904	ES0078
CAS905	ES0079	DAS906	ES0080	DAS907	ES0081	DAS908	ES0082	DAS909	ES0083	DAS910	ES0084
CAS911	ES0085	DAS912	ES0086	DAS913	ES0087	DAS914	ES0088	DAS915	ES0089	DAS916	ES0090
CAS917	ES0091	DAS918	ES0092	DAS919	ES0093	DAS920	ES0094	DAS921	ES0095	DAS922	ES0097
CAS923	ES0098	DAS924	ES0099	DAS925	ES0100	DAS926	ES0101	DAS927	ES0102	DAS928	ES0103
CAS929	ES0104	DAS930	ES0105	DAS931	ES0106	DAS932	ES0107	DAS933	ES0108	DAS934	ES0109
CAS935	ES0110	DAS936	ES0111	DAS937	ES0114	DAS938	ES0115	DAS939	ES0116	DAS940	ES0117
CAS941	ES0118	DAS942	ES0119	DAS943	ES0120	DAS944	ES0121	DAS945	ES0124	DAS946	ES0125
CAS947	ES0126	DAS948	ES0127	DAS949	ES0128	DAS950	ES0129	DAS951	ES0130	DAS952	ES0131
CAS953	ES0132	DAS954	ES0133	DAS955	ES0134	DAS956	ES0135	DAS957	ES0136	DAS958	ES0137
CAS959	ES0138	DAS960	ES0139	DAS961	ES0140	DAS962	ES0141	DAS963	ES0142	DAS964	ES0143
CAS965	ES0144	DAS966	ES0145	DAS967	ES0146	DAS968	ES0147	DAS969	ES0148	DAS970	ES0149
CAS971	ES0150	DAS972	ES0151	DAS973	ES0152	DAS974	ES0153	DAS975	ES0154	DAS976	ES0156
CAS977	ES0157	DAS978	ES0158	DAS979	ES0159	DAS980	ES0160	DAS981	ES0161	DAS982	ES0162
CAS983	ES0163	DAS984	ES0164	DAS985	ES0166	DAS986	ES0167	DAS987	ES0168	DAS988	ES0169
CAS989	ES0170	DAS990	ES0171	DAS991	ES0172	DAS992	ES0173	DAS993	ES0174	DAS994	ES0175
CAS995	ES0176	DAS996	ES0177	DAS997	ES0178	DAS998	JE0027	DAS999	JE0028	DAT001	JE0029
DAT002	JE0030	DAT003	JE0031	DAT004	JE0032	DAT005	JE0033	DAT006	JE0036	DAT007	JE0037

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU	N. LAB.	N. CAMPU
DAT008	JF0038	DAT009	JEC039	DAT010	JF0040	DAT011	JE0041	DAT012	JE0042	DAT013	JE0043
DAT014	JF0044	DAT015	JEC045	DAT016	JF0046	DAT017	JE0048	DAT018	JE0049	DAT019	JE0051
DAT020	JF0052	DAT021	JFC053	DAT022	JF0054	DAT023	JE0056	DAT024	JE0057	DAT025	JEC058
DAT026	JF0060	DAT027	JEC061	DAT028	JF0062	DAT029	JE0063	DAT030	JE0064	DAT031	JE0065
DAT032	JF0066	DAT033	JEC067	DAT034	JF0068	DAT035	JE0069	DAT036	JE0070	DAT037	JE0072
DAT038	JE0073	DAT039	JEC074	DAT040	JF0075	DAT041	JE0076	DAT042	JE0078	DAT043	JEC080
DAT044	JF0081	DAT045	JEC082	DAT046	JF0083	DAT047	JE0084	DAT048	JE0085	DAT049	JE0086
DAT050	JF0087	DAT051	JEC088	DAT052	JF0089	DAT053	JE0090	DAT054	JE0091	DAT055	JE0092
DAT056	JE0093	DAT057	JEC094	DAT058	JF0096	DAT059	JE0097	DAT060	PP0145	DAT061	PPC146
DAT062	PP0148	DAT063	PP0150	DAT064	PP0151	DAT065	PP0156	DAT066	PP0157	DAT067	PP0158
DAT068	PP0159	DAT069	PP0160	DAT070	PP0161	DAT071	PP0164	DAT072	PP0165	DAT073	PP0170
DAT074	PP0171	DAT075	PP0172	DAT076	PP0174	DAT077	PP0178	DAT078	PP0179	DAT079	PPC180
DAT080	PP0182	DAT081	PP0183	DAT082	PP0188	DAT083	PP0189	DAT084	PP0190	DAT085	PPC191
DAT086	PP0192	DAT087	PP0193	DAT088	PPC194	DAT089	PP0195	DAT090	PP0196	DAT091	PPC198
DAT092	PP0204	DAT093	PP0205	DAT094	PP0206	DAT095	PP0207	DAT096	PP0209	DAT097	PPC210
DAT098	PP0211	DAT141	CF0138	DAT210	JA0018	DAT211	JA0019	DAT212	JA0020	DAT213	JA0021
DAT214	JA0022	DAT215	JAC023	DAT216	JA0024	DAT217	JA0025	DAT218	JA0026	DAT219	JAC027
DAT220	JA0028	DAT221	JA0029	DAT222	JAC030	DAT223	JA0031	DAT224	JAC032	DAT225	JAC033
DAT226	JA0035	DAT227	JAC036	DAT228	JAC037	DAT229	JA0038	DAT230	JA0039	DAT231	JAC040
DAT232	JA0041	DAT233	CSC085	DAT234	CSC086	DAT235	CSC088	DAT236	CSC092	DAT237	CSC093
DAT238	CS0094	DAT239	CSC095	DAT240	CSC099	DAT241	CSC100	DAT242	CSC105	DAT243	CSC106
DAT244	CS0108	DAT245	CSC109	DAT246	CS0113	DAT247	CS0115	DAT248	CS0121	DAT249	CS0129
DAT250	CS0131	DAT251	CSC132	DAT252	CS0133	DAT253	CS0135	DAT254	CS0141	DAT255	CSC147
DAT256	CS0148	DAT257	CSC149	DAT258	CS0152	DAT259	CS0156	DAT260	CS0158	DAT261	CSC161
DAT262	CS0162	DAT263	CSC168	DAT264	CS0190	DAT265	CS0196	DAT266	CS0198	DAT267	CSC199
DAT268	CS0200	DAT269	CS0201	DAT270	CS0208	DAT271	CS0209	DAT272	CS0210	DAT273	CSC211
DAT274	CS0213	DAT275	CSC214	DAT276	CS0215	DAT277	CS0216	DAT278	CS0217	DAT279	CSC219
DAT280	CS0221	DAT281	CSC228	DAT282	FS0112	DAT283	PP0212	DAT284	PP0213	DAT285	PPC214
DAT286	PP0215	DAT287	PPC216	DAT288	PP0217	DAT289	PP0218	DAT290	PP0219	DAT291	PPC221
DAT292	PP0222	DAT293	PPC223	DAT294	PP0224	DAT295	PP0225	DAT296	TA0031	DAT297	TAC034
DAT298	TA0035	DAT299	TAC037	DAT300	TA0039	DAT301	TA0011	DAT302	TA0012	DAT303	TA0013
DAT304	TA0014	DAT305	JPC011	DAT306	JPC012	DAT307	JPC014	DAT308	JPC015	DAT309	JPC016
DAT310	JPC017	DAT311	JPC018	DAT312	JPC019	DAT313	JPC020	DAT314	ES0179	DAT315	ES0181
DAT316	ES0182	DAT317	ES0183	DAT318	ES0184	DAT319	ES0185	DAT320	ES0186	DAT321	ES0188
DAT322	ES0189	DAT323	ES0190	DAT324	ES0191	DAT325	ES0192	DAT326	ES0193	DAT327	ES0194
DAT328	ES0197	DAT329	ES0198	DAT330	ES0199	DAT331	PS0101	DAT332	PS0102	DAT333	PS0103
DAT334	PS0104	DAT335	PS0105	DAT336	PS0106	DAT337	PS0107	DAT338	PS0108	DAT339	PS0109
DAT340	PS0110	DAT341	PS0111	DAT342	AM0630	DAT343	AM0632	DAT344	AM0635	DAT345	AM0636
DAT346	AM0640	DAT347	AM0641	DAT348	AM0642	DAT349	AM0643	DAT350	CF0048	DAT351	CF0089
DAT352	CF0090	DAT353	CF0091	DAT354	CF0092	DAT355	CF0093	DAT356	CF0097	DAT357	CF0100
DAT358	CF0101	DAT359	CF0102	DAT360	CF0103	DAT361	CF0104	DAT362	CF0105	DAT363	CF0106
DAT364	CF0107	DAT365	CF0109	DAT366	CF0110	DAT367	CF0111	DAT368	CF0112	DAT369	CF0114
DAT370	CF0118	DAT371	CF0119	DAT372	CF0123	DAT373	CF0124	DAT374	CF0125	DAT375	CF0127
DAT376	CF0129	DAT377	CF0130	DAT378	CF0139	DAT379	CF0140	DAT380	CF0143	DAT381	CF0144
DAT382	CF0146	DAT383	CF0149	DAT384	CF0152	DAT385	CF0153	DAT386	CF0154	DAT387	CF0157
DAT388	CF0158	DAT389	CF0160	DAT390	CF0162	DAT391	CF0163	DAT392	LF0164	DAT393	CF0165

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
CAT454	CF0166	DAT455	CF0167	DAT456	CF0169	DAT457	CF0170	DAT458	CF0171	DAT459	CF0172
DAT460	CF0173	DAT461	CF0174	DAT462	CF0175	DAT463	CF0176	DAT464	CF0179	DAT465	CF0180
CAT466	CF0181	DAT467	CF0182	DAT468	CF0183	DAT469	CF0184	DAT470	CF0185	DAT471	CF0186
CAT472	CF0187	DAT473	CF0189	DAT474	CF0190	DAT475	CF0191	DAT476	CF0192	DAT477	CF0193
CAT478	CF0195	DAT479	CF0197	DAT480	CF0198	DAT481	CF0201	DAT482	CF0202	DAT483	CF0204
CAT484	CF0206	DAT485	CF0208	DAT486	CF0209	DAT487	CF0211	DAT488	CF0213	DAT489	CF0214
DAT490	CF0216	DAT491	CF0218	DAT492	CF0219	DAT493	CF0220	DAT494	CF0222	DAT495	CF0224
CAT496	CF0141	DAT499	JEC099	DAT500	JF0100	DAT501	JEC101A	DAT502	JEC102	DAT503	JEC106
CAT504	JEC107	DAT505	JEC108	DAT506	JEC109	DAT507	JEC110	DAT508	JEC115	DAT509	JEC117
DAT510	JF0120	DAT511	JEC121	DAT512	JF0122	DAT513	JEC124	DAT514	JEC125	DAT515	JEC126
CAT516	JF0128	DAT517	JEC129	DAT518	JEC131	DAT519	JEC132	DAT520	JEC134	DAT521	JEC135
CAT522	JEC133	DAT523	JEC137	DAT524	JEC138	DAT525	JEC139	DAT526	JEC140	DAT527	JEC141
CAT528	JEC143	DAT529	JEC144	DAT530	JEC145	DAT531	JEC146	DAT532	JEC147	DAT533	JEC151
DAT534	JF0152	DAT535	JEC153	DAT536	JEC154	DAT537	JEC155	DAT538	JEC156	DAT539	JEC157
CAT540	JEC158	DAT541	JEC160	DAT542	JEC161	DAT543	JEC162	DAT544	JEC163	DAT545	JEC164
DAT546	JF0166	DAT547	JEC167	DAT548	JEC169	DAT549	JEC170	DAT550	JEC172	DAT551	PPC226
CAT552	PPC229	DAT553	PPC234	DAT554	PPC235	DAT555	PPC236	DAT556	PPC237	DAT557	PPC241
CAT558	PPC242	DAT559	PPC246	DAT560	PPC249	DAT561	PPC250	DAT562	PPC251	DAT563	PPC253
DAT564	PPC259	DAT565	PPC264	DAT566	PPC265	DAT567	PPC268	DAT568	PPC269	DAT569	PPC271
CAT570	PPC274	DAT571	PPC275	DAT572	PPC276	DAT573	JPC221	DAT574	JPC222	DAT575	JPC223
CAT576	JPC024	DAT577	JPC025	DAT578	JPC027	DAT579	JPC028	DAT580	JPC029	DAT581	JPC030
DAT582	JPC031	DAT583	JPC032	DAT584	JPC034	DAT585	JPC035	DAT586	JPC036	DAT587	JPC040
CAT588	JPC049	DAT589	JPC050	DAT590	JPC052	DAT591	JPC053	DAT592	JPC055	DAT593	JPC056
CAT594	JPC057	DAT595	JPC058	DAT596	JPC059	DAT597	JPC060	DAT598	JPC061	DAT599	PS0157
DAT600	PS0158	DAT601	PS0159	DAT602	PS0160	DAT603	PS0161	DAT604	PS0162	DAT605	PS0163
CAT606	PS0164	DAT607	PS0165	DAT608	PS0166	DAT609	PS0167	DAT610	PS0168	DAT611	PS0169
CAT612	PS0170	DAT613	PS0171	DAT614	PS0172	DAT615	PS0173	DAT616	PS0174	DAT617	PS0175
CAT618	PS0176	DAT619	PS0177	DAT620	PS0178	DAT621	PS0179	DAT622	PS0180	DAT623	PS0181
DAT624	PS0182	DAT625	PS0183	DAT626	PS0184	DAT627	PS0185	DAT628	PS0186	DAT629	PS0187
CAT630	PS0188	DAT631	PS0189	DAT632	PS0190	DAT633	PS0191	DAT634	PS0192	DAT635	PS0193
DAT636	PS0194	DAT637	PS0195	DAT638	PS0196	DAT639	PS0197	DAT640	PS0198	DAT641	PS0199
CAT642	PS0199	DAT643	PS0201	DAT644	PS0202	DAT645	PS0203	DAT646	PS0204	DAT647	PS0205
DAT648	AM0646	DAT649	AM0647	DAT650	AM0650	DAT651	AM0652	DAT652	AM0655	DAT653	AM0656
CAT654	AM0657	DAT655	AM0658	DAT656	AM0665	DAT657	AM0666	DAT658	AM0667	DAT659	AM0668
DAT660	AM0669	DAT661	AM0670	DAT662	AM0671	DAT663	AM0673	DAT664	AM0674	DAT665	AM0675
CAT666	AM0676	DAT667	AM0678	DAT668	AM0679	DAT669	AM0680	DAT670	AM0683	DAT671	AM0684
DAT672	AM0685	DAT673	AM0688	DAT674	AM0689	DAT675	AM0690	DAT676	AM0691	DAT677	AM0692
CAT678	AM0693	DAT679	AM0694	DAT680	AM0695	DAT681	AM0696	DAT682	AM0699	DAT683	AM0703
DAT684	AM0704	DAT685	AM0705	DAT686	AM0706	DAT687	AM0708	DAT688	AM0709	DAT689	AM0710
CAT690	AM0712	DAT691	AM0713	DAT692	AM0714	DAT693	AM0715	DAT694	JAC045	DAT695	JAC047
DAT696	JAC048	DAT697	JAC049	DAT698	JAC050	DAT699	JAC051	DAT700	JAC052	DAT701	JAC053
CAT702	JAC054	DAU001	JAC055	DAU002	JAC056	DAU003	JAC057	DAU004	JAC058	DAU005	JAC059
DAT704	JAC060	DAU006	JAC061	DAU008	JAC062	DAU009	JAC063	DAU010	JAC064	DAU011	JAC065
CAT706	JAC066	DAU012	JAC067	DAU014	JAC068	DAU015	JAC069	DAU016	JAC071	DAU017	JAC072
DAT708	JAC073	DAU018	JAC074	DAU020	JAC075	DAU021	JAC076	DAU022	JAC077	DAU023	JAC078
CAT710	JAC080	DAU024	JAC081	DAU026	JAC082	DAU027	CS0234	DAU028	CS0237	DAU029	CS0238

SISTEMA DE ESTATISTICA DE AMostrAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
DAU030	CS0242	DAU031	CS0243	DAUC32	CS0244	DAU033	CS0253	DAU034	CS0254	DAU035	CS0256
DAU036	CS0257	DAU037	CS0258	DAUC38	CS0261	DAU039	CS0263	DAU040	CS0264	DAU041	CS0273
DAU042	CS0272	DAU043	CS0262	DAUC44	CS0288	DAU045	CS0289	DAU046	CS0274	DAU047	CS0292
DAU048	CS0294	DAU049	CS0298	DAUC50	CS0299	DAU051	CS0304	DAU052	CS0306	DAU053	JPC062
DAU054	JPC063	DAU055	JPC064	DAUC56	JPC065	DAU057	JPC067	DAU058	JPC068	DAU059	JPC069
DAU060	JPC072	DAU061	JPC071	DAUC62	JPC073	DAU063	JPC074	DAU064	ES0315	DAU065	ESC016
DAU066	ES0317	DAU067	JAC041A	DAUC68	TA0018	DAU069	TA0019	DAU070	TA0020	DAU071	TA0021
DAU072	TA0022	DAU073	TA0023	DAUC74	TA0024	DAU075	TA0025	DAU076	TA0026	DAUC77	TAC027
DAU078	TA0030	DAU079	TAC031	DAUC80	TA0032	DAU081	TA0033	DAU082	TA0034	DAU083	TAC035
DAU084	TA0037	DAU085	TAC038	DAUC86	TA0039	DAU087	TA0028	DAU088	TA0029	DAU089	ES0200
DAU090	ES0201	DAU091	ES0203	DAUC92	ES0204	DAU093	ES0205	DAU094	ES0206	DAU095	ES0207
DAU096	ES0208	DAU097	ES0209	DAUC98	ES0210	DAU099	ES0211	DAU100	ES0212	DAU101	ES0213
DAU102	ES0214	DAU103	ES0215	DAU104	ES0216	DAU105	ES0217	DAU106	ES0218	DAU107	ES0219
DAU108	ES0220	DAU109	ES0221	DAU110	ES0222	DAU111	ES0223	DAU112	ES0224	DAU113	ES0227
DAU114	ES0228	DAU115	ES0230	DAU116	ES0231	DAU117	ES0232	DAU118	ES0233	DAU119	ES0234
DAU120	ES0235	DAU121	ES0236	DAU122	ES0237	DAU123	ES0238	DAU124	ES0239	DAU125	ES0240
DAU126	ES0241	DAU127	ES0242	DAU128	ES0243	DAU129	ES0244	DAU130	ES0246	DAU131	ES0247
DAU132	ES0248	DAU133	ES0249	DAU134	ES0252	DAU135	ES0253	DAU136	ES0254	DAU137	ES0255
DAU138	ES0256	DAU139	ES0257	DAU140	ES0258	DAU141	ES0259	DAU142	ES0260	DAU143	ES0261
DAU144	ES0262	DAU145	ES0263	DAU146	ES0265	DAU147	ES0266	DAU148	ES0267	DAU149	ES0268
DAU150	ES0269	DAU151	ES0270	DAU152	ES0272	DAU153	ES0274	DAU154	ES0275	DAU155	ES0276
DAU156	ES0278	DAU157	ES0280	DAU158	ES0281	DAU159	ES0282	DAU160	ES0283	DAU161	ES0284
DAU162	ES0285	DAU163	ES0286	DAU164	ES0287	DAU165	ES0288	DAU166	ES0290	DAU167	ES0291
DAU168	ES0293	DAU169	ES0294	DAU170	ES0295	DAU171	ES0296	DAU172	ES0297	DAU173	ES0298
DAU174	ES0299	DAU175	ES0300	DAU176	ES0301	DAU177	ES0302	DAU178	ES0303	DAU179	ES0304
DAU180	ES0305	DAU181	ES0306	DAU182	ES0307	DAU183	ES0308	DAU184	ES0309	DAU185	ES0310
DAU186	ES0311	DAU187	ES0313	DAU188	ES0314	DAU189	CF0226	DAU190	CF0228	DAU191	CF0230
DAU192	CF0232	DAU193	CF0238	DAU194	CF0241	DAU195	CF0242	DAU196	CF0243	DAU197	CF0244
DAU198	CF0245	DAU199	CF0246	DAU200	CF0250	DAU201	CF0251	DAU202	CF0252	DAU203	CF0253
DAU204	CF0255	DAU205	CF0258	DAU206	CF0259	DAU207	CF0260	DAU208	CF0261	DAU209	CF0262
DAU210	CF0263	DAU211	CF0264	DAU212	CF0266	DAU213	CF0267	DAU214	CF0268	DAU215	CF0269
DAU216	CF0270	DAU217	CF0271	DAU218	CF0272	DAU219	CF0273	DAU220	CF0274	DAU221	CF0275
DAU222	CF0276	DAU223	CF0277	DAU224	CF0278	DAU225	CF0279	DAU226	CF0280		

REGISTROS LIIDOS 2095

REGISTROS SELECIONADOS 1577

SEDIMENTOS DE CORRRENTE

NUM. LAB.	DAJ621	DAJ622	DAJ623	DAJ624	DAJ625	DAJ626	DAJ627	DAJ628	DAJ629	DAJ630
NUM. CAMPO	AM0161	AM0164	AM0168	AM0172	AM0173	AM0176	AM0178	AM0180	AM0181	AM0182
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	3	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/76	11/76	11/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 30 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0069	0128	0014	0701	0010	0000	0016	0000	0000	0022
ORDENADA - Y	0008	0058	0170	0038	0052	0061	0038	0005	0002	0013
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	DAJ621	DAJ622	DAJ623	DAJ624	DAJ625	DAJ626	DAJ627	DAJ628	DAJ629	DAJ630
TIPO AMOST.	S	S	S	S	S	S	S	S	S	S
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	H	H	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOMETR.	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ. PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO	1	2	2	2	2	2	2	2	4	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU. ARRED.										
VOL. ORIGIN.										
PESO CENC.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SEDIM.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ631 AM0183	DAJ632 AM0184	DAJ633 AM0185	DAJ634 AM0186	DAJ635 AM0189	DAJ636 AM0191	DAJ637 AM0192	DAJ638 AM0194	DAJ639 AM0195	DAJ640 AM0197
PARAMETROS ANALITICOS DE CAMPO										
EM CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	22	22	22	22	22	22	22 1	22	22	22
PARAMETROS ANALITICOS										
FE-S	7,000	5,000	7,000	7,000	5,000	5,000	7,000	10,000	2,000	15,000
MG-S	0,150	0,300	0,300	0,200	0,150	0,500	0,300	0,300	0,200	0,500
CA-S	0,050	0,070	0,050	0,050	0,050	0,150	0,050	0,150	0,070	0,200
TR-S	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
ZN-S	100,000	500,000	300,000	300,000	300,000	500,000	700,000	2000,000	300,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000	50,000	50,000
BA-S	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	150,000	200,000
BE-S	-1,000	-2,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	70,000	30,000	20,000	30,000	30,000	30,000	70,000	20,000	70,000
CR-S	150,000	100,000	100,000	150,000	100,000	150,000	100,000	150,000	70,000	200,000
CU-S	70,000	50,000	50,000	50,000	70,000	70,000	30,000	50,000	20,000	30,000
LA-S	50,000	70,000	70,000	70,000	70,000	70,000	100,000	70,000	70,000	50,000
MO-S	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.
NB-S	15,000	15,000	20,000	20,000	15,000	15,000	15,000	15,000	15,000	10,000
NI-S	30,000	50,000	30,000	20,000	50,000	30,000	30,000	70,000	30,000	100,000
PB-S	15,000	70,000	30,000	30,000	30,000	70,000	50,000	30,000	10,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	15,000	15,000
SN-S	NAO DET.	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	100,000	-100,000	NAO DET.	-100,000	-100,000	NAO DET.	-100,000	NAO DET.	NAO DET.
V-S	300,000	150,000	150,000	150,000	100,000	100,000	200,000	300,000	200,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	100,000	70,000	70,000	70,000	50,000	70,000	70,000
ZN-S	NAO DET.	-200,000	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	150,000	300,000	300,000	200,000	200,000	300,000	200,000	500,000	200,000

CU-AA	40,000	40,000	40,000	35,000	50,000	35,000	30,000	50,000	30,000	30,000
P3-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

SEDIMENTOS OF CORRENTE

NUM. LAR.	DAJ641	DAJ642	DAJ643	DAJ644	DAJ645	DAJ681	DAJ682	DAJ683	DAJ684	DAJ685
NUM. CAMPO	AM0199	AM0226	AM0228	AM0229	AM0230	PRO157	PRO158	PRO159	PRO162	PRO164
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 30 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0127	0124	0131	0131	0131	0123	0114	0111	0019	0039
ORDENADA - Y	0070	0079	0073	0076	0076	0029	0020	0022	0089	0036
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	DAJ641	DAJ642	DAJ643	DAJ644	DAJ645	DAJ681	DAJ682	DAJ683	DAJ684	DAJ685
TIPO AMST.	S	S	S	S	S	S	S	S	S	S
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA PFC.	G	G	G	G	G	G	G	G	G	G
ID. GELCO.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TPCG.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA TQFA										
SIT. ESTRUT.										
MATRIZ PROD.										
GRAU INTEN.										
TIPO ALTER.										
TIPO MINER.										
DEPT. CCECR.										
LARGURA RIO	4	2	2	2	2	2	2	3	1	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COIETA	C	C	C	C	C	C	C	C	C	C
CPF AGUA										
GRAU AFPEC.										
VCI. CHGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SLDIM.										
COR SED./SI.										
HORIZ. SCLQ										
TIPO SCLQ										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ641 AM0199	DAJ642 AM0226	DAJ643 AM0228	DAJ644 AM0229	DAJ645 AM0230	DAJ681 PRO157	DAJ682 PRO158	DAJ683 PRO159	DAJ684 PRO162	DAJ585 PRO164
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	1	1	1	1	1	1	1	21	22	22
PARAMETROS ANALITICOS										
FE-S	7,000	10,000	7,000	2,000	3,000	10,000	10,000	10,000	10,000	15,000
MG-S	0,500	0,300	0,300	0,300	0,200	0,500	0,500	0,500	0,200	0,500
CA-S	0,200	-0,050	-0,050	-0,050	0,050	0,200	0,100	0,200	-0,050	0,050
TI-S	+1,000	1,000	0,700	0,700	0,700	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	50,000	150,000	50,000	30,000	300,000	150,000	500,000	150,000	100,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	50,000	70,000	50,000	70,000	70,000	70,000	50,000	-10,000
BA-S	200,000	200,000	200,000	300,000	200,000	300,000	300,000	300,000	300,000	100,000
BF-S	1,000	-1,000	-1,000	1,500	1,000	-1,000	-1,000	-1,000	1,000	NAO DET.
HT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	20,000	5,000	7,000	10,000	30,000	20,000	50,000	5,000	70,000
CR-S	70,000	70,000	70,000	50,000	30,000	100,000	100,000	150,000	150,000	70,000
CU-S	100,000	20,000	20,000	15,000	15,000	150,000	150,000	150,000	150,000	50,000
LI-S	70,000	70,000	70,000	70,000	70,000	50,000	70,000	50,000	100,000	20,000
MO-S	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	5,000	5,000	5,000	NAO DET.	NAO DET.
NB-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	10,000	10,000
NI-S	50,000	30,000	15,000	20,000	15,000	50,000	50,000	50,000	50,000	100,000
PB-S	20,000	15,000	10,000	-10,000	-10,000	50,000	50,000	50,000	70,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	10,000	10,000	7,000	15,000	15,000	15,000	20,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.
V-S	200,000	150,000	70,000	70,000	70,000	500,000	300,000	300,000	200,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	50,000	50,000	50,000	50,000	70,000	70,000	100,000	30,000
ZN-S	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	200,000	200,000	200,000	NAO DET.	200,000
ZR-S	200,000	300,000	500,000	300,000	300,000	300,000	300,000	300,000	100,000	200,000

CU-AA	70,000	21,000	15,000	15,000	9,000	70,000	70,000	70,000	65,000	60,000
PB-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAR.	DAJ686	DAJ687	DAJ688	DAJ689	DAJ690	DAJ691	DAJ692	DAJ693	DAJ694	DAJ695
NUM. LAR.	PRO167	PRO168	PRO169	PRO173	PRO176	PRO179	PRO180	PRO183	PRO184	PRO185
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI	SA21XOVI
BASE CART.	4	4	4	3	3	3	3	3	3	3
BASE CART.										
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ORDENADA - X	0005	0005	0001	0691	0640	0681	0681	0676	0674	0657
ORDENADA - Y	0090	0090	0087	0090	0097	0025	0025	0035	0027	0019
UTM - LESTE	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

PARAMETROS DESCRITIVOS DE CAMPO	DAJ686	DAJ687	DAJ688	DAJ689	DAJ690	DAJ691	DAJ692	DAJ693	DAJ694	DAJ695
CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TERCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ REF.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	2	2	2	3	2	6	4	2	1	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AREFC.										
VOL. PRIGIN.										
PESO CMC.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SID./SL.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ686 PRO167	DAJ687 PRO168	DAJ688 PK0169	DAJ689 PRO173	DAJ690 PRO176	DAJ691 PRO179	DAJ692 PRO180	DAJ693 PRO183	DAJ694 PRO184	DAJ695 PRO185
PARAMETROS ANALITICOS DE CAMPU										
EH CVOLT										
PH										
METAL TOTAL										
COEF. LIVRE	27	221	22	22	23	22	22 1	22	22	23
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	10,000	10,000	10,000	+20,000	20,000	10,000	10,000	5,000
MG-S %	0,500	0,300	0,300	0,700	0,500	1,000	1,000	0,500	0,500	0,150
CA-S %	0,050	0,050	0,050	0,200	0,050	0,200	0,200	0,050	0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	1000,000	1000,000	700,000	5000,000	500,000	3000,000	3000,000	1000,000	3000,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	50,000	70,000	50,000	20,000	20,000	50,000	50,000	100,000
BA-S	300,000	200,000	300,000	500,000	500,000	500,000	500,000	500,000	500,000	200,000
BF-S	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	2,000	1,000	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	30,000	30,000	50,000	70,000	20,000	150,000	100,000	50,000	100,000	5,000
CU-S	300,000	300,000	150,000	150,000	100,000	300,000	300,000	150,000	200,000	70,000
CL-S	70,000	70,000	150,000	170,000	50,000	150,000	150,000	100,000	70,000	20,000
LA-S	50,000	100,000	100,000	100,000	70,000	70,000	70,000	100,000	100,000	70,000
MO-S	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	5,000	-5,000
NO-S	15,000	20,000	15,000	15,000	10,000	10,000	10,000	10,000	10,000	15,000
NI-S	70,000	70,000	70,000	100,000	50,000	150,000	150,000	70,000	70,000	20,000
PD-S	20,000	10,000	200,000	30,000	10,000	30,000	30,000	50,000	50,000	10,000
SD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	15,000	20,000	20,000	15,000	20,000	20,000	20,000	20,000	15,000
SN-S	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	-100,000	NAO DET.
V-S	300,000	300,000	300,000	300,000	200,000	500,000	500,000	200,000	200,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	+50,000	100,000	50,000	70,000	50,000	70,000	70,000	70,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	200,000	-200,000	200,000	NAO DET.
ZR-S	300,000	300,000	300,000	300,000	300,000	200,000	300,000	200,000	300,000	+1000,000
	6,000	6,000				7,000	7,000			
	1,000	2,000				1,000	2,000			

CU-AA	40,000	50,000	80,000	45,000	28,000	90,000	65,000	45,000	40,000	14,000
PB-AA	INTERFER.	INTERFER.	140,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAJ686 PR0167	DAJ687 PR0168	DAJ688 PR0169	DAJ689 PR0173	DAJ690 PR0176	DAJ691 PR0179	DAJ692 PR0180	DAJ693 PR0183	DAJ694 PR0184	DAJ695 PR0185
ZN-AA	35,000	24,000	75,000	80,000	55,000	95,000	80,000	55,000	90,000	45,000
AG-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
CO-AA										
NT-AA										
RI-AA										
CD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA-2										
K-AA-2										
CXQU-AA	20,000	15,000	20,000	20,000	9,000	30,000	25,000	15,000	10,000	7,000
CP-AA										
SE-AA										
HG-AA										
SB-AA										
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000
SB-CCL	-1,000	-1,000	-1,000	-1,000	NAO DET.	-1,000	1,000	-1,000	2,000	-1,000
CXQU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SF-CCL										
U-CCL	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000
TI-CCL										
HG-INS										
F-INS	160,000	140,000	250,000	180,000	300,000	250,000	180,000	325,000	325,000	170,000
S-INS										
C-INS										
PH										
AU-P ORGAM										
AU-PLANE										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ696	DAJ697	DAJ698	DAJ699	DAJ700	DAJ701	DAJ702	DAJ703	DAJ704	DAJ705
NUM. CAMPO	PRO188	PRO189	PRO191	PRO196	PRO197	PRO198	PRO199	PRO201	PRO203	PRO205
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROVINCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0649	0644	0649	0636	0627	0621	0612	0629	0644	0644
ORIGNADA - Y	0008	0007	0017	0011	0008	0012	0007	0024	0036	0043
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVICIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	C	A	A	A	A	A	A	A	C
SIT. TPCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	C	A
ALTITUDE										
PROF. AMOST.										
FORMA IGAEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINEP.										
DEP. CCCP.										
LARGURA RIO	2	2	3	2	2	2	3	2	2	3
PROFUND. RIO										
VELOC. CCCP.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUBB. AGUA										
POS. CELEYA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU APPFC.										
VOL. ORGIN.										
PESO CONF.										
GRANULOMET.										
TEXT. SECIM.										
COR. SEC. SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ696 PRO188	DAJ697 PRO189	DAJ698 PRO191	DAJ699 PRO196	DAJ700 PRO197	DAJ701 PRO198	DAJ702 PRO199	DAJ703 PRO201	DAJ704 PRO203	DAJ705 PRO205
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
COEF. LIVRE	23	23	23	3	3	3	39	3	23	23
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	7,000	15,000	10,000	5,000	10,000	15,000	15,000	10,000
MG-S %	0,200	0,200	0,200	0,700	0,700	0,200	1,000	1,500	0,200	0,200
CA-S %	0,050	-0,050	0,050	1,500	1,000	0,100	1,500	2,000	0,050	-0,050
TI-S %	1,000	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	1,000
MN-S	500,000	500,000	700,000	3000,000	1000,000	500,000	2000,000	500,000	3000,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	70,000	-10,000	50,000	50,000	20,000	-10,000	50,000	70,000
BA-S	500,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	500,000	500,000
BF-S	2,000	1,000	-1,000	NAO DET.	1,000	-1,000	-1,000	-1,000	3,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	50,000	10,000	5,000	100,000	50,000	10,000	70,000	70,000	100,000	20,000
CU-S	70,000	70,000	70,000	100,000	70,000	70,000	70,000	200,000	70,000	100,000
CL-S	100,000	20,000	50,000	200,000	150,000	50,000	100,000	500,000	70,000	70,000
LA-S	70,000	70,000	50,000	20,000	70,000	70,000	30,000	20,000	70,000	100,000
MO-S	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NO-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	10,000	15,000	15,000
NI-S	50,000	30,000	20,000	50,000	50,000	20,000	30,000	200,000	70,000	20,000
PS-S	30,000	20,000	20,000	-10,000	10,000	-10,000	10,000	-10,000	30,000	50,000
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	10,000	10,000	20,000	20,000	10,000	20,000	30,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	100,000	-100,000	NAO DET.	100,000	200,000	NAO DET.	NAO DET.
V-S	200,000	200,000	200,000	1000,000	500,000	200,000	500,000	700,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	30,000	70,000	50,000	50,000	50,000	50,000	50,000
ZN-S	200,000	NAO DET.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	200,000	NAO DET.
ZR-S	500,000	500,000	700,000	100,000	200,000	300,000	200,000	100,000	1000,000	500,000
CU-AA	35,000	15,000	14,000	130,000	65,000	15,000	55,000	280,000	25,000	24,000
PR-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
ZN-AA	110,000	45,000	26,000	55,000	65,000	17,000	40,000	80,000	120,000	75,000
AG-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	-0,500	INTERFER.	1,000	INTERFER.	INTERFER.
CO-AA										
NI-AA										
SI-AA										
CD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
TF-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ706 PR0216	DAJ707 PR0208	DAJ708 PR0209	DAJ709 PR0210	DAJ710 PR0211	DAJ711 PR0214	DAJ712 PR0215	DAJ713 PR0216	DAJ714 PR0217	DAJ715 PR0218
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
COEF. LIVRE	4	4	4	3	1	39	4	8	8	39
PARAMETROS ANALITICOS										
FE-S %	1,000	5,000	10,000	10,000	10,000	2,000	5,000	5,000	7,000	7,000
MG-S %	0,100	0,200	2,000	0,700	1,300	0,200	0,200	0,500	1,500	0,300
CA-S %	-0,050	0,200	3,000	1,000	2,000	0,050	0,200	1,000	2,000	0,500
TI-S %	+1,000	+1,000	1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000
MN-S	-150,000	500,000	1000,000	1000,000	3000,000	50,000	5000,000	1000,000	2000,000	3000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	-70,000	70,000	-10,000	20,000	20,000	100,000	20,000	30,000	-10,000	-10,000
BA-S	200,000	200,000	300,000	300,000	300,000	500,000	200,000	150,000	200,000	200,000
BE-S	-1,000	-1,000	-1,000	-1,000	-1,000	2,000	-1,000	-1,000	-1,000	NAO DET.
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	5,000	20,000	70,000	70,000	100,000	20,000	50,000	20,000	50,000	50,000
CU-S	30,000	50,000	100,000	100,000	70,000	200,000	50,000	30,000	20,000	15,000
CA-S	20,000	70,000	150,000	50,000	100,000	30,000	20,000	20,000	30,000	30,000
LA-S	-50,000	70,000	20,000	20,000	20,000	100,000	50,000	30,000	50,000	NAO DET.
MO-S	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	15,000	15,000	-10,000	15,000	10,000	15,000	15,000	15,000	10,000	15,000
NI-S	10,000	20,000	100,000	70,000	50,000	30,000	10,000	15,000	20,000	15,000
PB-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	20,000	50,000	20,000	20,000	15,000	10,000	10,000	15,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	200,000	100,000	150,000	NAO DET.	NAO DET.	-100,000	200,000	NAO DET.
V-S	50,000	300,000	300,000	300,000	300,000	100,000	300,000	300,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	30,000	50,000	50,000	30,000	20,000	20,000	20,000
ZM-S	NAO DET.	NAO DET.	-200,000	-200,000	-200,000	NAO DET.	NAO DET.	NAO DET.	200,000	-200,000
ZR-S	+1000,000	1000,000	50,000	100,000	100,000	500,000	300,000	200,000	100,000	100,000
			0,000	0,000						
			1,000	2,000						
CU-AA	7,000	40,000	120,000	40,000	50,000	30,000	23,000	19,000	50,000	45,000

S F A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

	DAJ706	DAJ707	DAJ708	DAJ709	DAJ710	DAJ711	DAJ712	DAJ713	DAJ714	DAJ715
NUM. LAB.	PRO206	PRO208	PRO209	PRO210	PRO211	PRO214	PRO215	PRO216	PRO217	PRO218
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	310	310	310	310	310	310	310	310	310	310
PROVENIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ORDENADA - X	0578	0583	0613	0613	0612	0580	0599	0604	0600	0599
ORDENADA - Y	0017	0029	0042	0042	0040	0057	0073	0061	0063	0092
UTM - LFSTE										
UTM - ACOTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

	DAJ706	DAJ707	DAJ708	DAJ709	DAJ710	DAJ711	DAJ712	DAJ713	DAJ714	DAJ715
CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	X	J	X	G	X	X	X	X
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGAEA										
SIT. ESTAB.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	1	1	2	2	2	1	1	1	2	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
APTA DEFNAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFEC.										
VOL. OXIGEN.										
PH (COR.)										
GRANULOMET.										
TEXT. SEDIM.										
COR SED. ZSL.										
HORIZ. SCLD.										
TIPO SCLD.										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAR.	DAJ716	DAJ717	DAJ718	DAJ719	DAJ720	DAJ721	DAJ813	DAJ814	DAJ815	DAJ816
NUM. CAMPO	PR0219	PR0220	PR0221	PR0223	PR0224	PR0284	PP0014	PP0015	PP0016	PP0024
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	4	3	4	4	3
BASE CART.										
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76	12/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 15 00	54 30 00	54 15 00	54 15 00	54 30 00
ABCISSA - X	0599	0646	0646	0625	0621	0118	0553	0005	0005	0532
ORDENADA - Y	0088	0073	0073	0070	0073	0025	0192	0189	0189	0202
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	X	G	G	G	G	G	B	J	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TPCG.	A	A	A	A	A	A	A	A	A	A
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCTR.										
LARGURA RIO	1	1	2	2	2	2				
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ARIA DEFAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COIETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APPEC.										
VOL. CRICIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SFCIM.										
COR SED./SL.										
HORIZ. SELN										
TIPO SCLC.										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ716 PRO219	DAJ717 PRO220	DAJ718 PRO221	DAJ719 PRO223	DAJ720 PRO224	DAJ721 PRO284	DAJ813 PP0014	DAJ814 PP0015	DAJ815 PP0016	DAJ816 PP0026
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4	23	23 1	3	3	1	22000	22000	22 1	23000
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	7,000	5,000	7,000	10,000	7,000	7,000	7,000	5,000
MG-S %	0,500	0,150	0,150	0,150	0,200	0,700	0,200	0,500	0,500	0,200
CA-S %	1,500	0,050	-0,050	0,100	0,200	0,200	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	3000,000	200,000	200,000	500,000	1000,000	700,000	500,000	100,000	200,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	-10,000	70,000	70,000	50,000	30,000	50,000	70,000	70,000	70,000	70,000
BA-S	200,000	200,000	200,000	150,000	150,000	300,000	150,000	500,000	500,000	200,000
BF-S	NAO DET.	1,000	1,000	-1,000	-1,000	1,000	1,000	1,000	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	7,000	7,000	10,000	30,000	70,000	15,000	30,000	30,000	7,000
CR-S	10,000	50,000	70,000	30,000	30,000	150,000	70,000	150,000	150,000	70,000
CU-S	50,000	30,000	50,000	20,000	30,000	150,000	50,000	50,000	30,000	20,000
LA-S	20,000	70,000	100,000	70,000	30,000	70,000	50,000	100,000	150,000	50,000
MO-S	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	5,000	NAO DET.	-5,000	NAO DET.	-5,000
NB-S	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	10,000
NI-S	20,000	20,000	20,000	15,000	15,000	70,000	20,000	30,000	30,000	20,000
PB-S	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	10,000	50,000	50,000	30,000
SA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	10,000	10,000	10,000	7,000	20,000	15,000	20,000	20,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.
SR-S	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.
V-S	500,000	150,000	150,000	150,000	200,000	300,000	300,000	200,000	150,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	100,000	50,000	50,000	30,000	70,000	50,000	70,000	70,000	30,000
ZN-S	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	100,000	700,000	1000,000	500,000	500,000	300,000	300,000	300,000	300,000	500,000
		9,000	9,000					19,000	19,000	20,000
		1,000	2,000					1,000	2,000	1,000

CU-AA
PB-AA

145,000
INTERFER.

20,000
INTERFER.

20,000
INTERFER.

19,000
INTERFER.

22,000
INTERFER.

80,000
INTERFER.

35,000
INTERFER.

35,000
INTERFER.

24,000
INTERFER.

23,000
INTERFER.

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ817	DAJ818	DAJ819	DAJ832	DAJ833	DAJ834	DAJ835	DAJ836	DAJ837	DAJ838
NUM. CAMPO	PP0025	PP0026	PP0027	PRO001	PRO002	PRO003	PRO004	PRO005	PRO006	PRO007
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
EASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/76	12/76	12/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0532	0534	0517	0502	0531	0532	0527	0448	0445	0472
ORDENADA - Y	0202	0223	0225	0304	0252	0245	0235	0302	0303	0282
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
POCHA PFC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLÓG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PFC.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO				2	2	2	3	4	4	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA										
GRAU AFPEC.										
VOL. COLETA										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COP. SED./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ817 PP0025	DAJ818 PP0026	DAJ819 PP0027	DAJ832 PRO001	DAJ833 PRO002	DAJ834 PRO003	DAJ835 PRO004	DAJ836 PRO005	DAJ837 PRO006	DAJ838 PRO007
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TCTAL										
COEF. LIVRF	23 1	23000	3	4	3	3	3	4	4	4
PARAMETROS ANALITICOS										
FE-S %	10,000	7,000	5,000	2,000	7,000	3,000	7,000	2,000	0,200	0,150
MG-S %	0,200	0,300	0,300	0,150	0,300	0,500	0,700	0,200	0,020	0,020
CA-S %	-0,050	-0,050	0,050	0,200	0,070	-0,050	0,300	0,050	-0,050	-0,050
TI-S %	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	0,500	1,000
MN-S	5000,000	100,000	150,000	500,000	1000,000	100,000	2000,000	150,000	10,000	20,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	50,000	70,000	100,000	20,000	100,000	70,000	70,000
HA-S	200,000	200,000	200,000	150,000	300,000	500,000	300,000	200,000	50,000	70,000
BF-S	10,000	3,000	-1,000	-1,000	2,000	2,000	-1,000	-1,000	NAO DET.	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	200,000	10,000	10,000	7,000	50,000	7,000	50,000	7,000	NAO DET.	NAO DET.
CP-S	70,000	100,000	70,000	20,000	70,000	100,000	70,000	50,000	10,000	30,000
CU-S	20,000	20,000	30,000	15,000	50,000	30,000	100,000	15,000	NAO DET.	NAO DET.
LA-S	100,000	70,000	100,000	30,000	70,000	50,000	30,000	20,000	20,000	-20,000
MO-S	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NO-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-10,000	10,000
NI-S	15,000	30,000	30,000	10,000	50,000	20,000	50,000	15,000	NAO DET.	NAO DET.
PH-S	50,000	20,000	10,000	NAO DET.	20,000	10,000	10,000	15,000	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	15,000	7,000	15,000	15,000	30,000	15,000	NAO DET.	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	70,000	100,000	100,000	150,000	150,000	150,000	300,000	150,000	10,000	10,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	70,000	20,000	50,000	50,000	50,000	30,000	10,000	-10,000
ZN-S	NAO DET.	-200,000	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	100,000	500,000	300,000	1000,000	500,000	300,000	300,000	+1000,000	+1000,000	1000,000
	20,000									
	2,000									

CU-AA	19,000	18,000	18,000	18,000	30,000	19,000	75,000	19,000	-3,000	-3,000
PD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	-3,000	-3,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ839	DAJ840	DAJ841	DAJ842	DAJ843	DAJ844	DAJ845	DAJ846	DAJ847	DAJ848
NUM. CAMPO	PROJ08	PROJ09	PROJ10	PROJ11	PROJ12	PROJ13	PROJ14	PROJ15	PROJ16	PROJ17
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0439	0435	0440	0479	0496	0490	0493	0493	0526	0554
ORDENADA - Y	0276	0274	0272	0265	0228	0247	0250	0253	0271	0250
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	J	J	J	G	G	H
ID. GEOLOG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVICIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA LIGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MIXER.										
DEP. COCOP.										
LARGURA RIO	3	5	8	6	2	7	3	3	2	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ANG. DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AERED.										
VOL. CRIGIN.										
PESO COAC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ839 PRO008	DAJ840 PRO009	DAJ841 PRO010	DAJ842 PRO011	DAJ843 PRO012	DAJ844 PRO013	DAJ845 PRO014	DAJ846 PRO015	DAJ847 PRO016	DAJ848 PRO017
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4	4	4	4	8	4	4	4	4	3
PARAMETROS ANALITICOS										
FE-S %	5,000	10,000	1,000	0,500	10,000	15,000	2,000	1,500	3,000	7,000
MG-S %	0,500	0,700	0,050	0,050	0,500	0,700	0,300	0,150	0,150	0,200
CA-S %	0,100	0,200	0,050	-0,050	1,500	0,070	0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000
MN-S	700,000	2000,000	200,000	30,000	5000,000	300,000	100,000	150,000	30,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	70,000	-10,000	300,000	200,000	100,000	70,000	70,000
BA-S	200,000	300,000	70,000	100,000	150,000	200,000	200,000	300,000	300,000	300,000
BF-S	1,000	2,000	NAO DET.	-1,000	NAO DET.	1,000	1,000	1,000	1,000	1,500
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	70,000	5,000	5,000	70,000	30,000	10,000	7,000	10,000	20,000
CR-S	70,000	100,000	10,000	10,000	15,000	70,000	50,000	50,000	70,000	70,000
CU-S	70,000	100,000	10,000	5,000	30,000	300,000	150,000	20,000	50,000	20,000
LA-S	50,000	70,000	20,000	20,000	20,000	100,000	100,000	50,000	100,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	NAO DET.
NR-S	20,000	15,000	-10,000	10,000	20,000	15,000	20,000	15,000	15,000	15,000
NI-S	50,000	50,000	5,000	5,000	15,000	50,000	20,000	20,000	30,000	50,000
PB-S	15,000	20,000	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	5,000	NAO DET.	20,000	20,000	10,000	10,000	15,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.
V-S	200,000	300,000	100,000	50,000	700,000	500,000	200,000	150,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	15,000	15,000	20,000	50,000	70,000	100,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	500,000	+1000,000	+1000,000	100,000	300,000	1000,000	+1000,000	1000,000	700,000
				21,000						22,000
				1,000						1,000

CU-AA	145,000	65,000	6,000	5,000	27,000	170,000	130,000	22,000	30,000	15,000
PB-AA	INTERFER.	INTERFER.	-3,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ849	DAJ850	DAJ851	DAJ852	DAJ853	DAJ854	DAJ855	DAJ856	DAJ857	DAJ858
NUM. CAMPO	PRO018	PRO019	PRO020	PRO021	PRO022	PRO023	PRO024	PRO025	PRO026	PRO027
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCECENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	4	3	3	4	3	4	4	3
BASE CART.										
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 15 00	54 30 00	54 30 00	54 15 00	54 30 00	54 15 00	54 15 00	54 30 00
ABCISSA - X	0554	0538	0001	0549	0551	0007	0545	0010	0023	0458
ORDENADA - Y	0260	0304	0281	0303	0298	0300	0255	0267	0269	0234
UTM - LESTE										
UTM - NORTE										
MEP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	G	G	G	G	G	J	J	J	G
TD. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	2	1	3	2	1	1	3	4	2	2
PROFUND. RIO							0,0			
VELOC. CORP.										
NIVEL AGUA										
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP AGUA										
GRAU ARPER.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COP SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ849 PRO018	DAJ850 PRO019	DAJ851 PRO020	DAJ852 PRO021	DAJ853 PRO022	DAJ854 PRO023	DAJ855 PRO024	DAJ856 PRO025	DAJ857 PRO026	DAJ858 PRO028
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PARAMETROS ANALITICOS DE CAMPO

EM CVOLT
PH
METAL TOTAL
COSTO. LIVRE

3 1 4 4 4 4 4 3 3 3 4

PARAMETROS ANALITICOS

FE-S %	7,000	5,000	5,000	15,000	1,500	5,000	5,000	7,000	10,000	0,500
MG-S %	0,150	0,150	0,700	1,500	0,200	0,200	0,200	0,300	0,200	0,100
CA-S %	-0,050	0,200	-0,050	3,000	0,300	0,300	-0,050	-0,050	-0,050	-0,050
TI-S %	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	0,700	1,000	1,000	+1,000
MN-S	200,000	1000,000	50,000	3000,000	300,000	300,000	-200,000	300,000	300,000	20,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	100,000	NAO DET.	100,000	50,000	70,000	70,000	70,000	500,000
BA-S	200,000	150,000	500,000	300,000	150,000	150,000	200,000	300,000	200,000	150,000
BF-S	1,000	-1,000	2,000	NAO DET.	-1,000	-1,000	2,000	2,000	1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	10,000	20,000	15,000	100,000	10,000	15,000	15,000	10,000	20,000	5,000
CU-S	70,000	50,000	150,000	300,000	30,000	30,000	50,000	100,000	70,000	50,000
CI-S	30,000	70,000	30,000	100,000	10,000	70,000	20,000	50,000	70,000	50,000
LA-S	50,000	30,000	70,000	-20,000	30,000	30,000	30,000	70,000	70,000	200,000
MO-S	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NH-S	15,000	15,000	15,000	10,000	20,000	20,000	15,000	15,000	15,000	20,000
NI-S	30,000	20,000	30,000	150,000	15,000	15,000	20,000	50,000	30,000	5,000
PB-S	10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	10,000	10,000	20,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	10,000	15,000	30,000	10,000	10,000	10,000	15,000	15,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	200,000	NAO DET.	NAO DET.	-100,000	-100,000	-100,000	NAO DET.
V-S	150,000	300,000	200,000	1000,000	200,000	300,000	70,000	200,000	200,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	30,000	70,000	30,000	30,000	30,000	50,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	500,000	300,000	300,000	+1000,000	+1000,000	300,000	300,000	1000,000	+1000,000
	22,000									23,000
	2,000									1,000

CU-AA
PB-AA

15,000 INTERFER. 40,000 INTERFER. 23,000 INTERFER. 75,000 INTERFER. 30,000 INTERFER. 40,000 INTERFER. 20,000 INTERFER. 21,000 INTERFER. 29,000 INTERFER. 35,000 INTERFER.

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 37

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ859	DAJ860	DAJ861	DAJ862	DAJ863	DAJ864	DAJ865	DAJ866	DAJ867	DAJ868
NUM. CAMPO	PRO036	PRO037	PRO038	PRO041	PRO042	PRO043	PRO044	PRO045	PRO046	PRO047
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROVENIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 07 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0468	0471	0479	0486	0490	0490	0504	0503	0504	0478
ORDENADA - Y	0234	0231	0265	0199	0208	0208	0204	0185	0189	0135
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FORMA AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	X	X	X	J	G	J	X
ID. GEOLG.										
MAT. COEF.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
REP. COCCP.										
LARGURA RIO	2	2	3	1	2	2	4	2	3	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
CON AGUA										
GRAU ARREC.										
VOL. CRICIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
MOIZ. SCLD										
TIPO SILE										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ859 PR0036	DAJ860 PR0037	DAJ861 PR0038	DAJ862 PR0041	DAJ863 PR0042	DAJ864 PR0043	DAJ865 PR0044	DAJ866 PR0045	DAJ867 PR0046	DAJ868 PR0047
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
OH										
METAL TOTAL										
CODIF. LIVRE	4 1	4	4 1	39	39	39 1	3	23	23	23
PARAMETROS ANALITICOS										
FE-S %	0,500	2,000	0,700	7,000	15,000	15,000	15,000	10,000	10,000	10,000
MG-S %	0,150	0,500	0,050	0,500	0,700	0,700	0,700	0,150	0,150	0,150
CA-S %	-0,050	0,050	-0,050	1,000	1,500	1,000	-0,050	-0,050	-0,050	0,300
TI-S %	+1,000	+1,000	0,700	+1,000	+1,000	+1,000	1,000	1,000	1,000	+1,000
MN-S	20,000	100,000	30,000	3000,000	+5000,000	+5000,000	700,000	500,000	200,000	5000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AlI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	300,000	300,000	50,000	10,000	-10,000	NAO DET.	70,000	150,000	70,000	10,000
BA-S	150,000	200,000	150,000	200,000	1500,000	1000,000	500,000	200,000	200,000	70,000
BF-S	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	2,000	1,000	1,500	NAO DET.
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	5,000	20,000	5,000	100,000	200,000	150,000	30,000	30,000	10,000	15,000
CU-S	50,000	100,000	20,000	20,000	50,000	20,000	100,000	70,000	70,000	10,000
CV-S	70,000	150,000	10,000	100,000	100,000	100,000	70,000	50,000	30,000	15,000
LA-S	200,000	150,000	20,000	20,000	20,000	-20,000	100,000	50,000	70,000	-20,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.
NA-S	20,000	20,000	10,000	15,000	15,000	15,000	10,000	15,000	10,000	15,000
NI-S	5,000	15,000	5,000	20,000	20,000	50,000	50,000	30,000	30,000	30,000
PD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	10,000	10,000	15,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	20,000	-5,000	20,000	30,000	30,000	20,000	10,000	15,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	100,000	150,000	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	300,000	30,000	1000,000	1000,000	1000,000	300,000	150,000	150,000	1000,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	100,000	20,000	30,000	30,000	20,000	50,000	50,000	50,000	10,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	-200,000	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	200,000	150,000	200,000	700,000	+1000,000	500,000	300,000
	23,000		21,000		24,000	24,000				
	2,000		2,000		1,000	2,000				

CU-AA	35,000	60,000	5,000	55,000	70,000	65,000	20,000	22,000	20,000	15,000
PD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ869	DAJ870	DAJ871	DAJ872	DAJ873	DAJ874	DAJ875	DAJ876	DAJ877	DAJ878
NUM. CAMPO	PROJ48	PROJ49	PROJ50	PROJ51	PROJ52	PROJ55	PROJ56	PROJ62	PROJ63	PROJ64
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0495	0495	0497	0500	0489	0472	0472	0468	0469	0459
ORDENADA - Y	0158	0158	0135	0138	0139	0155	0155	0162	0118	0118
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	J	J	J	J	J
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTEADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										0,30
FORMA IGNEA										
SIT. ESTRUC.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	3	3	2	2	2	2	1	1	2	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA CRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABRED.										
VOL. CARGA										
PESO COR.										
GRANULOMET.										
RENE. SUELO										
COR SED. / SL.										
MORF. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. RÍPTICO	DAJ869 PRO048	DAJ870 PRO049	DAJ871 PRO050	DAJ872 PRO051	DAJ873 PRO052	DAJ874 PRO055	DAJ875 PRO056	DAJ876 PRO062	DAJ877 PRO063	DAJ878 PRO064
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	23	23 1	23	23	23	3	3 1	3	3	3 1
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	7,000	7,000	10,000	7,000	7,000	15,000	10,000	10,000
MG-S %	0,300	0,300	0,150	0,070	0,500	0,300	0,300	1,000	0,500	0,700
CA-S %	0,050	0,100	-0,050	-0,050	0,100	0,050	0,100	1,500	0,700	0,500
TI-S %	+1,000	+1,000	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	1000,000	1000,000	150,000	30,000	500,000	1000,000	700,000	2000,000	2000,000	5000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	100,000	100,000	100,000	50,000	50,000	50,000
BA-S	300,000	300,000	300,000	200,000	300,000	300,000	300,000	300,000	300,000	300,000
BE-S	2,000	2,000	2,000	1,500	2,000	1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	50,000	30,000	7,000	5,000	30,000	50,000	50,000	100,000	70,000	70,000
CU-S	150,000	150,000	70,000	50,000	200,000	100,000	100,000	300,000	150,000	150,000
CA-S	70,000	70,000	20,000	20,000	70,000	50,000	50,000	150,000	50,000	70,000
LA-S	100,000	50,000	70,000	70,000	70,000	70,000	70,000	50,000	20,000	30,000
MO-S	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NR-S	20,000	20,000	15,000	15,000	20,000	20,000	30,000	20,000	20,000	20,000
NI-S	50,000	50,000	30,000	15,000	50,000	30,000	30,000	150,000	70,000	70,000
PR-S	15,000	10,000	15,000	15,000	30,000	NAO DET.	NAO DET.	-10,000	-10,000	-10,000
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	15,000	15,000	20,000	20,000	20,000	30,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	-100,000	-100,000	100,000	NAO DET.	NAO DET.	150,000	100,000	100,000
V-S	200,000	200,000	150,000	100,000	300,000	300,000	200,000	500,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	150,000	100,000	100,000	70,000	70,000	70,000	70,000	70,000	30,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.
ZR-S	+1000,000	1000,000	+1000,000	+1000,000	300,000	300,000	500,000	200,000	300,000	300,000
	25,000	25,000				26,000	26,000		27,000	27,000
	1,000	2,000				1,000	2,000		1,000	2,000

CU-AA	40,000	35,000	15,000	20,000	29,000	35,000	30,000	110,000	40,000	55,000
PS-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAJ869 PRO048	DAJ870 PRO049	DAJ871 PRO050	DAJ872 PRO051	DAJ873 PRO052	DAJ874 PRO055	DAJ875 PRO056	DAJ876 PRO062	DAJ877 PRO063	DAJ878 PRO064
ZN-AA	85,000	95,000	35,000	45,000	60,000	14,000	17,000	60,000	40,000	45,000
AG-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
CO-AA										
NI-AA										
BT-AA										
CD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VA-AA %										
K-AA %										
CXCU-AA	15,000	10,000	7,000	8,000	9,000	15,000	15,000	60,000	20,000	25,000
CR-AA										
SF-AA										
HC-AA										
SB-AA										
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-CCL	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SF-CCL										
U-CCL	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000
TI-CCL %										
HG-INS										
F-INS	140,000	120,000	90,000	100,000	180,000	170,000	100,000	160,000	110,000	190,000
S-INS %										
C-INS %										
PH										
AU-P DRG										
AU-P ANL										

SEDIMENTOS OF CORRENTF

NUM. LAB.	DAJ879	DAJ880	DAJ881	DAJ882	DAJ883	DAJ884	DAJ885	DAJ886	DAJ887	DAJ888
NUM. CAMPO	PR0070	PR0071	PR0073	PR0075	PR0077	PR0079	PR0080	PR0082	PR0085	PR0085
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0429	0427	0421	0493	0488	0446	0448	0475	0477	0474
ORDENADA - Y	0164	0161	0174	0162	0165	0165	0169	0079	0094	0095
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAFMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	G	G	G	G	X	X		J	J
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	1	2	3	2	2	2	3	2	3	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA					1	1	1	1	1	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUBB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CIP AGUA										
GRAU ABREC.										
VOL. CRIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

	DAJ879 PRO070	DAJ880 PRO071	DAJ881 PRO073	DAJ882 PRO075	DAJ883 PRO077	DAJ884 PRO079	DAJ885 PRO080	DAJ886 PRO092	DAJ887 PRO085	DAJ888 PRO085
SEDIMENTOS DE CORRENTE										
NUM. LAB. NUM. CAMPO AMB. BIOTICO										
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT PH METAL TOTAL CODIF. LIVRE	4	4	4	23	23	8	8	3	3	3
PARAMETROS ANALITICOS										
FE-S %	1,500	5,000	7,000	10,000	10,000	5,000	10,000	10,000	10,000	10,000
MG-S %	0,200	0,300	0,500	0,200	0,700	0,200	0,500	0,700	1,500	0,700
CA-S %	0,050	0,200	0,300	0,050	-0,050	0,300	0,500	0,700	2,000	1,000
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	300,000	700,000	1000,000	1000,000	1000,000	1000,000	3000,000	3000,000	3000,000	3000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	70,000	100,000	100,000	70,000	100,000	30,000	-10,000	50,000
BA-S	200,000	300,000	300,000	300,000	500,000	100,000	200,000	300,000	300,000	300,000
BF-S	1,000	1,000	1,500	3,000	2,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	10,000	30,000	70,000	50,000	70,000	20,000	50,000	70,000	70,000	70,000
CU-S	50,000	100,000	70,000	100,000	150,000	30,000	70,000	150,000	200,000	70,000
LA-S	30,000	50,000	100,000	100,000	50,000	20,000	70,000	100,000	200,000	150,000
MO-S	150,000	70,000	70,000	70,000	100,000	50,000	50,000	30,000	20,000	50,000
NB-S	-5,000	-5,000	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NT-S	20,000	20,000	20,000	20,000	15,000	20,000	20,000	20,000	15,000	20,000
PB-S	20,000	30,000	50,000	70,000	70,000	70,000	50,000	70,000	100,000	20,000
SB-S	15,000	20,000	10,000	70,000	50,000	NAO DET.	10,000	-10,000	-10,000	-10,000
SC-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SN-S	15,000	20,000	30,000	20,000	20,000	15,000	20,000	20,000	15,000	15,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	NAO DET.	-100,000	-100,000	100,000	-100,000	-100,000	100,000	100,000	200,000	100,000
W-S	200,000	300,000	300,000	200,000	200,000	300,000	300,000	500,000	500,000	500,000
X-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	70,000	100,000	70,000	30,000	20,000	30,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	700,000	500,000	1000,000	500,000	1000,000	500,000	300,000	200,000	300,000

CU-AA
PB-AA

24,000 INTERFER.
35,000 INTERFER.

60,000 INTERFER.

45,000 INTERFER.

24,000 INTERFER.

19,000 INTERFER.

30,000 INTERFER.

85,000 INTERFER.

170,000 INTERFER.

110,000 INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAJ879 PP0071	DAJ880 PRO071	DAJ881 PRO073	DAJ882 PRO075	DAJ883 PRO077	DAJ884 PRO079	DAJ885 PRO080	DAJ886 PRO082	DAJ887 PRO085	DAJ888 PRO085
ZN-AA	50,000	50,000	70,000	110,000	75,000	26,000	45,000	50,000	75,000	55,000
AG-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	-0,500	INTERFER.	INTERFER.	INTERFER.	INTERFER.
CO-AA										
NI-AA										
BI-AA										
CD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
TF-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA	10,000	15,000	35,000	15,000	6,000	10,000	15,000	25,000	75,000	50,000
CR-AA										
SE-AA										
HG-AA										
SB-AA										
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-CCL	-10,000	-10,000	-10,000	10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
J-CCL	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000	-20,000
TI-CCL										
HG-INS										
F-INS	100,000	120,000	100,000	160,000	250,000	-50,000	60,000	110,000	110,000	150,000
S-INS										
C-INS										
PH										
AU-P ORG										
AU-P ANL										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ889	DAJ890	DAJ891	DAJ892	DAJ893	DAJ894	DAJ895	DAJ896	DAJ897	DAJ898
NUM. CAMPO	PRO087	PRO088	PRO089	PRO090	PRO091	PRO092	PRO093	PRO094	PRO096	PRO097
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	B3	33
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	21XDVI3	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3		3	3	4	4	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	11/76	11/76	11/76	11/76	11/76	11/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 15 00	54 15 00	54 30 00	54 30 00
ABCISSA - X	0474	0445	0463	0460	0549	0548	0019	0019	0419	0454
ORDENADA - Y	0095	0146	0214	0210	0123	0126	0121	0121	0127	0124
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONT. AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA R.F.C.	J	X	G	G	J	J	J	J	G	L
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCUP.										
LARGURA RIO	2	2	3	2	2	2	1	1	2	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA										
GRAU AEROC.										
VOL. ORIGEM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SED./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. RICTICO	DAJ889 PRO087	DAJ890 PRO088	DAJ891 PRO089	DAJ892 PRO090	DAJ893 PRO091	DAJ894 PRO092	DAJ895 PRO093	DAJ896 PRO094	DAJ897 PRO096	DAJ898 PRO097
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
COEF. LIVRE	3 1	8	4	4	22	22	22	22 1	4	34
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	5,000	2,000	10,000	10,000	10,000	7,000	1,500	10,000
MG-S %	0,700	0,500	0,500	0,300	0,300	0,300	0,300	0,300	0,300	0,500
CA-S %	1,000	0,700	0,050	-0,050	0,100	0,050	0,300	0,300	-0,050	1,000
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	3000,000	5000,000	200,000	70,000	700,000	500,000	1500,000	1500,000	70,000	3000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	NAO DET.	150,000	150,000	100,000	100,000	-100,000	100,000	150,000	50,000
BA-S	300,000	200,000	500,000	300,000	500,000	500,000	300,000	300,000	300,000	300,000
BE-S	-1,000	NAO DET.	1,000	1,000	2,000	2,000	-1,000	2,000	1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	150,000	70,000	7,000	50,000	30,000	50,000	15,000	7,000	70,000
CR-S	70,000	20,000	100,000	70,000	200,000	200,000	200,000	150,000	70,000	100,000
CU-S	150,000	20,000	70,000	50,000	70,000	70,000	150,000	100,000	20,000	50,000
LA-S	50,000	NAO DET.	150,000	70,000	100,000	70,000	70,000	50,000	70,000	20,000
MO-S	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	10,000	7,000	NAO DET.	NAO DET.
NB-S	15,000	20,000	15,000	20,000	20,000	20,000	20,000	15,000	15,000	15,000
NI-S	30,000	50,000	30,000	20,000	70,000	50,000	50,000	30,000	20,000	50,000
PB-S	-10,000	-10,000	-10,000	NAO DET.	20,000	50,000	50,000	30,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	30,000	20,000	10,000	30,000	30,000	30,000	20,000	15,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	-100,000	-100,000	NAO DET.	-100,000	-100,000	-100,000	100,000	NAO DET.	100,000
V-S	500,000	1000,000	150,000	150,000	200,000	200,000	300,000	300,000	150,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	20,000	70,000	50,000	70,000	70,000	70,000	30,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	-200,000	INTERFER.	-200,000	NAO DET.	NAO DET.
ZR-S	300,000	200,000	500,000	+1000,000	300,000	300,000	200,000	100,000	1000,000	200,000
	28,000						29,000	29,000		
	2,000						1,000	2,000		

CU-AA
PB-AA

100,000 INTERFER.
35,000 INTERFER.

35,000 INTERFER.

30,000 INTERFER.

35,000 INTERFER.

35,000 INTERFER.

60,000 INTERFER.

60,000 INTERFER.

23,000 INTERFER.

29,000 INTERFER.

SEDIMENTOS DE CORRENTE

	DAJ899	DAJ900	DAJ901	DAJ902	DAJ903	DAJ904	DAJ905	DAJ906	DAJ907	DAJ908
NUM. LAB.	DAJ899	DAJ900	DAJ901	DAJ902	DAJ903	DAJ904	DAJ905	DAJ906	DAJ907	DAJ908
NUM. CAMPO	PRO098	PRO101	PRO102	PRO103	PRO104	PRO114	PRO115	PRO116	PRO120	PRO121
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	4	4	4	4
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/76	11/76	11/76	11/76	11/76	11/76	11/76	11/76	11/76	11/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0454	0424	0424	0428	0442	0526	0114	0114	0100	0097
ORDENADA - Y	0118	0105	0105	0108	0114	0116	0240	0240	0211	0219
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.		G	G	G	X	J	J	J	J	J
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOP.										
LARGURA RIO	1	2	2	1	1	2	2	1	1	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE										
NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ899 PRO098	DAJ900 PRO101	DAJ901 PRO102	DAJ902 PRO103	DAJ903 PRO104	DAJ904 PRO114	DAJ905 PRO115	DAJ906 PRO116	DAJ907 PRO120	DAJ908 PRO121
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	34	4	4 1	4	4	22	21	21 1	21	21
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	15,000	15,000	10,000	10,000	15,000	15,000	7,000	15,000
MG-S %	0,300	0,500	1,000	0,500	0,500	0,300	1,000	1,000	0,200	0,500
CA-S %	0,300	1,500	2,000	0,500	1,000	0,050	1,500	1,500	0,070	1,000
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000
MN-S	2000,000	5000,000	2000,000	+5000,000	5000,000	500,000	5000,000	2000,000	700,000	3000,000
AG-S	NAO DET.	NAJ DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAJ DET.	-0,500	NAO DET.
AS-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	NAJ DET.	-10,000	20,000	20,000	100,000	-10,000	-10,000	50,000	30,000
BA-S	300,000	300,000	200,000	1500,000	300,000	500,000	300,000	200,000	200,000	300,000
BE-S	-1,000	NAO DET.	NAO DET.	-1,000	-1,000	2,000	-1,000	-1,000	3,000	3,000
BI-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAJ DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	150,000	70,000	200,000	70,000	30,000	150,000	100,000	70,000	200,000
CR-S	150,000	70,000	30,000	150,000	70,000	200,000	700,000	500,000	150,000	200,000
CU-S	70,000	50,000	100,000	70,000	50,000	70,000	100,000	100,000	200,000	100,000
LA-S	50,000	20,000	20,000	30,000	20,000	70,000	20,000	20,000	200,000	70,000
MO-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	5,000	-5,000
NB-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	15,000	15,000
NI-S	30,000	50,000	50,000	70,000	30,000	50,000	100,000	100,000	70,000	150,000
PB-S	-10,000	NAO DET.	-10,000	-10,000	-10,000	50,000	-10,000	10,000	70,000	10,000
SB-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
SN-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	100,000	150,000	-100,000	-100,000	-100,000	200,000	150,000	NAO DET.	100,000
V-S	300,000	500,000	300,000	300,000	300,000	300,000	300,000	500,000	200,000	300,000
W-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	30,000	70,000	30,000	50,000	30,000	30,000	150,000	70,000
ZN-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	-200,000	-200,000	-200,000	INTERFER.
ZR-S	300,000	70,000	70,000	200,000	300,000	300,000	100,000	100,000	100,000	200,000
		30,000	30,000				31,000	31,000		
		1,000	2,000				1,000	2,000		

CU-AA
PB-AA

40,000
INTERFER.

40,000
INTERFER.

140,000
INTERFER.

45,000
INTERFER.

35,000
INTERFER.

45,000
INTERFER.

80,000
INTERFER.

120,000
INTERFER.

200,000
60,000

100,000
INTERFER.

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ909	DAJ910	DAJ911	DAJ912	DAJ913	DAJ914	DAJ915	DAJ916	DAJ917	DAJ918
NUM. CAMPO	PRO122	PRO123	PRO127	PRO128	PRO130	PRO132	PRO133	PRO134	PRO136	PRO149
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/76	11/76	11/76	11/76	11/76	11/76	11/76	11/76	11/76	11/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0090	0090	0136	0135	0097	0025	0025	0025	0030	0057
ORDENADA - Y	0215	0215	0212	0220	0219	0227	0227	0232	0230	0158
UTM - IFSIE										
UTM - ICSIE										
MEP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	J	J	J	J	J	J
TD. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCC										
LARGURA RIO	4	4	2	1	2	2	2	1	1	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. CELETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESO CENC.										
GRANULEMET.										
TEXT. SEDIM.										
COR SEC. ASL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ909 PRO122	DAJ910 PRO123	DAJ911 PRO127	DAJ912 PRO128	DAJ913 PRO130	DAJ914 PRO132	DAJ915 PRO133	DAJ916 PRO134	DAJ917 PRO136	DAJ918 PRO149
PARAMETROS ANALITICOS DE CAMPU										
EH CVCLT										
PH										
METAL TCTAL										
COEF. LIVRE	21	21 1	21	21	21	22 1	221	22	22	21
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	15,000	15,000	7,000	7,000	7,000	10,000	7,000	10,000
MG-S %	0,300	0,300	0,500	0,700	0,300	0,300	0,500	0,500	0,300	0,500
CA-S %	0,070	0,070	0,500	0,300	0,050	-0,050	0,050	0,100	-0,050	0,100
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	500,000	700,000	2000,000	3000,000	200,000	300,000	1500,000	1500,000	150,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	30,000	20,000	50,000	150,000	100,000	70,000	100,000	70,000
BA-S	200,000	300,000	300,000	300,000	200,000	500,000	500,000	500,000	500,000	300,000
BE-S	7,000	1,000	-1,000	-1,000	1,000	1,500	3,000	2,000	2,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	30,000	150,000	170,000	15,000	50,000	100,000	70,000	50,000	20,000
CR-S	100,000	200,000	200,000	300,000	100,000	150,000	150,000	150,000	150,000	150,000
CU-S	300,000	100,000	100,000	70,000	200,000	50,000	30,000	50,000	15,000	200,000
LA-S	100,000	70,000	20,000	20,000	70,000	100,000	100,000	70,000	100,000	50,000
MO-S	15,000	10,000	7,000	7,000	7,000	-5,000	-5,000	-5,000	5,000	70,000
NB-S	15,000	15,000	10,000	20,000	15,000	20,000	20,000	20,000	20,000	20,000
NI-S	70,000	50,000	150,000	100,000	50,000	50,000	50,000	70,000	50,000	50,000
PR-S	50,000	30,000	20,000	-10,000	100,000	20,000	50,000	50,000	30,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	30,000	30,000	30,000	30,000	30,000	20,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	-100,000	100,000	-100,000	-100,000	-100,000	100,000	100,000	100,000	100,000
V-S	200,000	200,000	300,000	500,000	200,000	200,000	200,000	300,000	200,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	50,000	30,000	20,000	70,000	100,000	100,000	70,000	70,000	30,000
ZN-S	INTERFER.	-200,000	INTERFER.	NAO DET.	NAO DET.	NAO DET.	-200,000	-200,000	NAO DET.	-200,000
ZR-S	200,000	200,000	100,000	200,000	100,000	300,000	200,000	200,000	300,000	200,000
	32,000	32,000				33,000	33,000			
	1,000	2,000				1,000	2,000			

CU-AA
PB-AA

160,000
50,000

60,000
INTERFER.

100,000
INTERFER.

60,000
INTERFER.

140,000
55,000

25,000
INTERFER.

27,000
INTERFER.

40,000
INTERFER.

25,000
INTERFER.

120,000
INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAJ909 PR0122	DAJ910 PR0123	DAJ911 PR0127	DAJ912 PR0128	DAJ913 PR0130	DAJ914 PR0132	DAJ915 PR0133	DAJ916 PR0134	DAJ917 PR0136	DAJ918 PR0149
ZN-AA	310,000	90,000	140,000	50,000	70,000	60,000	70,000	120,000	65,000	75,000
AG-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
CO-AA										
NI-AA										
SI-AA										
CD-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
TF-AA										
AU-AA	NAO DET.	-0,050	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA	100,000	30,000	35,000	20,000	80,000	10,000	10,000	15,000	8,000	60,000
CR-AA										
SF-AA										
HG-AA										
SB-AA										
MO-AA	15,000	6,000	9,000	6,000	4,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	55,000
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	20,000
SB-CCL	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000	2,000
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	40,000	-20,000	-20,000	-20,000	20,000	-20,000	-20,000	-20,000	-20,000	40,000
TI-CCL %										
HG-INS										
F-INS	300,000	100,000	60,000	70,000	190,000	200,000	180,000	190,000	250,000	225,000
S-INS %										
C-INS %										
PH										
AU-P DRG										
AU-P ANL										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ919	DAJ920	DAJ921	DAJ922	DAJ923	DAJ924	DAJ925	DAJ926	DAJ927	DAJ928
NUM. CAMPO	PRO153	PRO154	PRO155	AM0002	AM0003	AM0005	AM0006	AM0009	AM0012	AM0014
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
PASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/76	11/76	11/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 07 S	02 00 03 S	02 00 03 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0097	0095	0090	0089	0086	0126	0119	0108	0099	0099
ORDENADA - Y	0187	0189	0176	0290	0292	0290	0298	0287	0316	0316
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	G	G	G	G	G	G	G
ID. CEELOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.				C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	C	A	A	A	A
ALTITUDE										
FORM. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO	1	2	1	4	3	1	3	2	3	3
PROFUND. RIO						0.1				
VELOC. CORR.						1				
NIVEL AGUA						1				
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
SUPR. AGUA						1				
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA						A				
GRAU AFREC.										
VOL. ORIGEM.										
PESO GENC.										
GRANULOMET.										
TEXT. SECIM.										
COR. SEC. ASL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ919 PRO153	DAJ920 PRO154	DAJ921 PRO155	DAJ922 AM0002	DAJ923 AM0003	DAJ924 AM0005	DAJ925 AM0006	DAJ926 AM0009	DAJ927 AM0012	DAJ928 AM0016
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PARAMETROS ANALITICOS DE CAMPO

EM CVCLT

PH

MFTAL TOTAL

CODIF. LIVRE

21	21	21	4	4	23	4	23	4	4
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PARAMETROS ANALITICOS

FF-S %	5,000	10,000	10,000	5,000	1,500	3,000	3,000	7,000	1,000	7,000
MG-S %	0,500	1,000	0,500	0,150	0,100	0,150	0,150	0,500	0,050	0,050
CA-S %	0,050	1,500	0,050	0,050	0,050	0,300	0,050	0,100	-0,050	-0,050
TY-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000
MN-S	200,000	2000,000	300,000	500,000	300,000	700,000	700,000	700,000	300,000	700,000
AG-S	-0,500	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	150,000	20,000	100,000	70,000	70,000	100,000	100,000	70,000	30,000	20,000
BA-S	300,000	300,000	300,000	200,000	200,000	200,000	200,000	200,000	70,000	70,000
BE-S	1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	100,000	20,000	20,000	15,000	20,000	30,000	15,000	5,000	15,000
CR-S	150,000	200,000	150,000	30,000	20,000	50,000	30,000	150,000	10,000	30,000
CU-S	150,000	200,000	150,000	30,000	15,000	30,000	10,000	50,000	7,000	10,000
LA-S	70,000	70,000	70,000	30,000	-20,000	50,000	50,000	70,000	-20,000	-20,000
MO-S	70,000	5,000	70,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	15,000	15,000	15,000	15,000	15,000	15,000	10,000	15,000	10,000	15,000
NI-S	100,000	150,000	50,000	30,000	15,000	30,000	15,000	30,000	5,000	7,000
PH-S	20,000	30,000	50,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	20,000	10,000	10,000	15,000	7,000	15,000	5,000	15,000
SH-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	100,000	200,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	500,000	300,000	170,000	100,000	200,000	100,000	200,000	100,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	50,000	30,000	30,000	30,000	30,000	50,000	10,000	20,000
ZN-S	-200,000	INTERFER.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	70,000	100,000	1000,000	+1000,000	150,000	300,000	1000,000	1000,000	+1000,000
						34,000			35,000	35,000
						1,000			1,000	2,000

CU-AA	120,000	130,000	85,000	25,000	26,000	28,000	19,000	35,000	9,000	9,000
PB-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ929	DAJ930	DAJ931	DAJ932	DAJ933	DAJ934	DAJ935	DAJ936	DAJ937	DAJ938
NUM. CAMPO	AM0019	AM0020	AM0021	AM0022	AM0023	AM0024	AM0028	AM0029	AM0030	AM0031
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0132	0102	0102	0126	0097	0081	0013	0013	0027	0034
ORDENADA - Y	0263	0265	0265	0290	0270	0258	0307	0307	0305	0310
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	G	J	J	G	J	J	G	G	G	G
ID. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A		A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	2	2	2	1	2	1	3	3	1	2
PROFUND. RIO				0,1						
VELOC. CCCP.				1						
NIVEL AGUA				1						
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA				1						
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA				A						
GRAU ANEX.										
VOL. ORIGEM.										
PESO CENC.										
GRANULOMET.										
TEXT. SECIM.										
COR. SECIM.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE COPRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ929 AM0019	DAJ930 AM0020	DAJ931 AM0021	DAJ932 AM0022	DAJ933 AM0023	DAJ934 AM0024	DAJ935 AM0028	DAJ936 AM0029	DAJ937 AM0030	DAJ938 AM0031
PARAMETROS ANALITICOS DE CAMPU										
EH CVCLT										
PH										
METAL TCTAL										
CODIF. LIVRE	22	22	22 1	23 1	22	22	4	4 1	4	4
PARAMETROS ANALITICOS										
FE-S %	7,000	3,000	5,000	3,000	7,000	2,000	1,000	1,500	2,000	1,500
MG-S %	0,700	0,300	0,500	0,200	0,300	0,150	0,100	0,150	0,200	0,100
CA-S %	0,100	0,100	0,070	0,300	0,200	0,050	0,200	0,300	0,200	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	1500,000	100,000	500,000	700,000	2000,000	200,000	500,000	500,000	500,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	100,000	100,000	100,000	100,000	50,000	20,000	20,000	20,000
BA-S	500,000	500,000	500,000	200,000	500,000	200,000	100,000	100,000	100,000	100,000
BF-S	1,500	1,500	1,500	-1,000	1,500	1,000	NAO DET.	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	70,000	20,000	50,000	20,000	50,000	20,000	7,000	10,000	10,000	7,000
CR-S	150,000	150,000	150,000	70,000	100,000	100,000	15,000	15,000	20,000	15,000
CU-S	70,000	30,000	50,000	30,000	70,000	20,000	15,000	10,000	20,000	25,000
LA-S	200,000	150,000	150,000	100,000	100,000	50,000	20,000	20,000	20,000	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NO-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	10,000	10,000	10,000
NI-S	70,000	70,000	70,000	30,000	100,000	30,000	7,000	7,000	20,000	10,000
PB-S	70,000	30,000	30,000	-10,000	30,000	30,000	-10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	15,000	10,000	15,000	10,000	5,000	5,000	7,000	7,000
SN-S	-10,000	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	100,000	-100,000	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	150,000	150,000	200,000	150,000	100,000	100,000	100,000	100,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	50,000	30,000	10,000	10,000	20,000	20,000
ZH-S	200,000	NAO DET.	-200,000	NAO DET.	200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	100,000	70,000	70,000	200,000	70,000	100,000	+1000,000	+1000,000	1000,000	200,000
		36,000	36,000	34,000			10,000	10,000		11,000
		1,000	2,000	2,000			1,000	2,000		1,000

CU-AA	50,000	55,000	50,000	29,000	45,000	25,000	25,000	14,000	24,000	16,000
PB-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 6

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ939	DAJ940	DAJ941	DAJ942	DAJ943	DAJ944	DAJ945	DAJ946	DAJ947	DAJ948
NUM. CAMPO	AM0032	AM0034	AM0035	AM0038	AM0039	AM0040	AM0041	AM0042	AM0043	AM0045
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CAPT.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CAPT.	4	4	4	4	4	4	4	4	4	4
BASE CAPT.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0034	0035	0037	0064	0062	0050	0045	0040	0036	0049
ORDENADA - Y	0310	0319	0315	0246	0248	0243	0241	0270	0267	0278
UTM - LFSTE										
UTM - ACOTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONT. AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	J	J	J	J	L	G	J
ID. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSTICADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TPCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO	2	1	1	2	1	1	1	2	2	4
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
PDS. COLTA	E	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU APREC.										
VOL. GFCIN.										
PESO CENC.										
GRANULIMET.										
TEXT. SICIM.										
COR SEC./SL.										
HORIZ. SFLD										
TIPO SCLC										

S E A G

PROJETO - ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ939 AM0032	DAJ940 AM0034	DAJ941 AM0035	DAJ942 AM0038	DAJ943 AM0039	DAJ944 AM0040	DAJ945 AM0041	DAJ946 AM0042	DAJ947 AM0043	DAJ948 AM0045
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4 1	4	4	22	22	22	22	23	23	3
PARAMETROS ANALITICOS										
FE-S %	0,700	3,300	1,500	15,000	3,000	7,000	2,000	5,000	7,000	1,000
MG-S %	0,070	0,150	0,100	0,200	0,300	0,500	0,150	0,200	0,200	0,030
CA-S %	-0,050	0,070	0,150	-0,050	-0,050	0,200	0,200	0,050	0,100	0,100
TI-S %	+1,000	+1,000	1,000	1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000
MN-S	50,000	1000,000	200,000	200,000	500,000	1000,000	700,000	200,000	300,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	20,000	70,000	50,000	100,000	50,000	100,000	100,000	100,000	100,000
BA-S	100,000	200,000	300,000	300,000	300,000	300,000	200,000	200,000	200,000	70,000
BF-S	-1,000	-1,000	-1,000	1,500	1,000	-1,000	-1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	5,000	20,000	7,000	30,000	20,000	20,000	20,000	15,000	15,000	7,000
CR-S	15,000	30,000	20,000	150,000	100,000	200,000	100,000	70,000	50,000	10,000
CU-S	10,000	100,000	20,000	70,000	20,000	50,000	20,000	30,000	50,000	5,000
LA-S	-20,000	50,000	30,000	100,000	100,000	70,000	70,000	100,000	50,000	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
NI-S	7,000	20,000	15,000	50,000	30,000	50,000	30,000	50,000	30,000	7,000
PB-S	-10,000	-10,000	-10,000	30,000	50,000	50,000	15,000	15,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	20,000	7,000	20,000	20,000	20,000	15,000	15,000	10,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	-100,000	100,000	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	50,000	200,000	100,000	200,000	200,000	200,000	150,000	150,000	100,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	10,000	30,000	20,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	+1000,000	1000,000	100,000	200,000	500,000	500,000	1000,000	200,000	+1000,000
	11,000									
	2,000									

CU-AA
PB-AA

8,000
-3,000

75,000
INTERFER.

23,000
INTERFER.

55,000
INTERFER.

26,000
INTERFER.

40,000
INTERFER.

29,000
INTERFER.

24,000
INTERFER.

40,000
INTERFER.

5,000
INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ949	DAJ950	DAJ951	DAJ952	DAJ953	DAJ954	DAJ955	DAJ956	DAJ957	DAJ958
NUM. CAMPO	AM0047	AM0048	AM0049	AM0070	AM0071	AM0072	AM0074	AM0077	AM0078	AM0080
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSIO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0074	0074	0079	0096	0095	0095	0102	0087	0087	0112
ORDENADA - Y	0276	0276	0276	0117	0109	0107	0126	0135	0135	0057
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARÂMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
ROCHA PFC.	L	L	L	L	L	L	L	L	L	L
ID. GEOLÓG.	G	G	G	G	J	J	J	J	J	J
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOCLAS.	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRFD.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	3	3	6	1	1	1	1	2	2	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ARIA DEBAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLÉTA	C	C	C	C	C	C	C	C	C	C
COF. AGUA										
GRAU AFREC.										
VOL. CRIST.										
PIED. CEN.										
GRANULOMET.										
TEXT. MIN.										
COR. SEC./SL.										
MOPIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENT

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ949 AM0047	DAJ950 AM0048	DAJ951 AM0049	DAJ952 AM0070	DAJ953 AM0071	DAJ954 AM0072	DAJ955 AM0074	DAJ956 AM0077	DAJ957 AM0078	DAJ958 AM0080
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TCTAL										
COEF. LIVRE	23	23 1	23	21	21	21	21	21	21 1	1
PARAMETROS ANALITICOS										
FE-S %	5,000	2,000	3,000	7,000	3,000	1,500	5,000	5,000	7,000	3,000
MG-S %	0,150	0,300	0,500	0,300	0,300	0,200	0,300	0,300	0,300	0,200
CA-S %	-0,050	0,050	0,100	0,300	-0,050	-0,050	0,300	0,500	0,500	0,200
TI-S %	1,000	1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	300,000	300,000	700,000	300,000	50,000	200,000	500,000	700,000	1000,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	100,000	100,000	70,000	50,000	50,000	70,000
EA-S	300,000	500,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
DF-S	1,500	1,500	-1,000	1,000	1,500	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	50,000	30,000	50,000	50,000	30,000	50,000	50,000	50,000	70,000	15,000
CU-S	50,000	100,000	100,000	100,000	100,000	100,000	150,000	100,000	150,000	70,000
GU-S	20,000	30,000	70,000	100,000	150,000	50,000	150,000	150,000	150,000	50,000
LA-S	100,000	100,000	70,000	70,000	100,000	70,000	70,000	70,000	70,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	15,000	7,000	7,000	-5,000	-5,000	-5,000
NR-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
NT-S	50,000	50,000	50,000	50,000	70,000	30,000	50,000	50,000	50,000	30,000
PH-S	10,000	30,000	-10,000	15,000	15,000	15,000	20,000	15,000	15,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	15,000	15,000	15,000	15,000	15,000	20,000	15,000	15,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	-100,000	-100,000	-100,000	NAO DET.
V-S	100,000	100,000	200,000	200,000	100,000	100,000	200,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	70,000	50,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	200,000	300,000	100,000	150,000	200,000	200,000	200,000	200,000	300,000
	12,000	12,000						13,000	13,000	
	1,000	2,000						1,000	2,000	

CU-AA	10,000	21,000	60,000	70,000	90,000	45,000	90,000	90,000	75,000	40,000
PB-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

S E A G

PROJETO - ALENOUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ959	DAJ960	DAJ961	DAJ962	DAJ963	DAJ964	DAJ965	DAJ966	DAJ967	DAJ968
NUM. CAMPO	AM0081	AM0082	AM0083	AM0084	AM0085	AM0086	AM0087	AM0088	AM0089	AM0090
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0115	0116	0123	0123	0131	0131	0116	0120	0129	0133
ORDENADA - Y	0098	0101	0096	0096	0093	0090	0091	0086	0109	0104
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTF AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	H	H	H	H	H	H	H	H	H
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TERCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LANGUEA RIO	2	3	1	1	1	1	1	1	1	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DEFAAG.	1	1	1	1	1	1	1	1	1	1
TUPR. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABRED.										
VOL. ORIGIN.										
PESO COAC.										
GRANULEMET.										
TEXT. SEDIM.										
COR SIL./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ959 AM0081	DAJ960 AM0082	DAJ961 AM0083	DAJ962 AM0084	DAJ963 AM0085	DAJ964 AM0086	DAJ965 AM0087	DAJ966 AM0088	DAJ967 AM0089	DAJ968 AM0090
PARAMETROS ANALITICOS DE CAMPO										
EM CVFLT										
PH										
METAL TOTAL										
CODIF. LIVRE	1	21	1	1 1	1	1	1	21	1	1
PARAMETROS ANALITICOS										
FE-S %	10,000	7,000	7,000	1,500	1,500	1,000	3,000	7,000	2,000	10,000
MG-S %	0,300	0,700	0,150	0,200	0,150	0,350	0,500	0,500	0,150	0,300
CA-S %	0,300	0,500	-0,050	-0,050	-0,050	-0,050	0,200	0,300	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	1,000	1,000	1,000	+1,000	+1,000	+1,000	1,000
MN-S	500,000	1500,000	70,000	50,000	20,000	70,000	1500,000	2000,000	50,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	50,000
BA-S	500,000	200,000	200,000	200,000	200,000	100,000	200,000	200,000	200,000	300,000
BF-S	1,000	1,000	1,000	-1,000	-1,000	-1,000	1,000	1,000	-1,000	-1,000
HI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	50,000	50,000	10,000	5,000	5,000	5,000	50,000	50,000	10,000	10,000
CR-S	100,000	100,000	100,000	50,000	50,000	20,000	100,000	100,000	50,000	70,000
CU-S	150,000	100,000	30,000	10,000	7,000	5,000	70,000	100,000	10,000	50,000
LA-S	70,000	50,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
MO-S	7,000	-5,000	5,000	-5,000	NAO DET.	NAO DET.	5,000	5,000	-5,000	NAO DET.
NB-S	15,000	15,000	15,000	15,000	15,000	15,000	20,000	15,000	15,000	15,000
NI-S	50,000	50,000	20,000	7,000	5,000	5,000	50,000	50,000	20,000	50,000
PB-S	20,000	10,000	15,000	15,000	-10,000	-10,000	15,000	20,000	10,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	15,000	10,000	10,000	7,000	15,000	20,000	10,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.
V-S	200,000	200,000	200,000	100,000	50,000	20,000	100,000	150,000	50,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	30,000	50,000	50,000	50,000	50,000	50,000	70,000
ZN-S	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	200,000	300,000	500,000	+1000,000	+1000,000	150,000	200,000	700,000	300,000
			14,000	14,000						
			1,000	2,000						

CU-AA	90,000	55,000	30,000	15,000	8,000	3,000	65,000	80,000	16,000	23,000
PB-AA	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.

CPRN CADASTRO GEOQUIMICO

06.09.78 FLA. 70

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PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ969	DAJ970	DAJ971	DAJ972	DAJ973	DAJ974	DAJ975	DAJ976	DAJ977	DAJ978
NUM. CAMPO	AM0091	AM0092	AM0096	AM0097	AM0098	AM0099	AM0100	AM0101	AM0102	AM0105
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0133	0114	0126	0126	0124	0124	0119	0122	0122	0132
ORDENADA - Y	0106	0125	0128	0126	0123	0123	0138	0139	0134	0144
UTM - LESTE										
UTM - NORTE										
REP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	H	H	H	H	H	H	H	H	J
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PROF.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGUEZA RIO	1	1	1	1	1	1	1	1	2	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA										
GRAU ABREV.										
VOL. LIGIM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SED. ASI.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ969 AM0091	DAJ970 AM0092	DAJ971 AM0096	DAJ972 AM0097	DAJ973 AM0098	DAJ974 AM0099	DAJ975 AM0100	DAJ976 AM0101	DAJ977 AM0102	DAJ978 AM0105
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	1	1	21	1	1	1 1	1	1	1	1
PARAMETROS ANALITICOS										
FE-S %	1,500	1,500	1,000	0,700	1,500	1,000	1,500	1,500	10,000	1,000
MG-S %	0,300	0,200	0,100	0,150	0,200	0,150	0,200	0,100	0,150	0,200
CA-S %	-0,050	-0,050	-0,050	0,050	-0,050	0,050	-0,050	-0,050	0,050	-0,050
TI-S %	1,000	1,000	1,000	+1,000	1,000	1,000	+1,000	+1,000	+1,000	+1,000
MN-S	50,000	50,000	70,000	70,000	50,000	70,000	150,000	200,000	700,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	150,000	100,000	100,000	100,000	70,000	100,000	70,000	100,000	70,000
BA-S	300,000	200,000	150,000	150,000	300,000	150,000	200,000	100,000	200,000	200,000
BE-S	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	7,000	5,000	5,000	5,000	5,000	5,000	10,000	7,000	70,000	7,000
CU-S	50,000	50,000	70,000	50,000	70,000	30,000	50,000	30,000	100,000	50,000
CA-S	20,000	10,000	7,000	10,000	20,000	10,000	30,000	10,000	50,000	50,000
LA-S	70,000	20,000	20,000	20,000	20,000	20,000	50,000	30,000	30,000	30,000
MO-S	NAO DET.	-5,000	NAO DET.	-5,000	-5,000	-5,000	-5,000	NAO DET.	-5,000	-5,000
NB-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
NI-S	20,000	15,000	7,000	10,000	10,000	10,000	30,000	20,000	70,000	20,000
PH-S	10,000	-10,000	-10,000	-10,000	10,000	-10,000	10,000	-10,000	15,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	7,000	7,000	7,000	10,000	7,000	10,000	10,000	20,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	30,000	30,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	200,000	1000,000	1000,000	300,000	700,000	200,000	300,000	100,000	200,000
					15,000	15,000				
					1,000	2,000				

CU-AA
PB-AA

19,000
INTERFER.

17,000
INTERFER.

9,000
INTERFER.

9,000
INTERFER.

19,000
INTERFER.

11,000
INTERFER.

22,000
INTERFER.

10,000
INTERFER.

35,000
INTERFER.

29,000
INTERFER.

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PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ979	DAJ980	DAJ981	DAJ982	DAJ983	DAJ984	DAJ985	DAJ986	DAJ987	DAJ988
NUM. CAMPO	AM0107	AM0108	AM0109	AM0110	AM0111	AM0112	AM0118	AM0120	AM0121	AM0122
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	310	310	310	310	310	310	310	310
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
EASE CART.	4	4	4	4	4	4	4	4	4	4
EASE CAPT.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76	10/76
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0138	0136	0090	0103	0106	0116	0058	0056	0056	0049
ORDENADA - Y	0146	0147	0144	0150	0147	0160	0140	0130	0130	0130
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	J	J	J	J	J	J
ID. CECLCG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRFD.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEF. CCCP.										
LAGUNA RIO	1	1	1	1	2	1	1	1	1	1
PROFUND. RIO										
VELOC. CCCP.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. CRIETA	C	C	C	C	C	C	C	C	C	C
COP AGUA										
GRAU APRED.										
VOL. CHIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.										
COP SEC./SL										
HORIZ. SCLC										
TIPO SCLC										

CPRM CADASTRO GEOQUIMICO

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

S E A G

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAJ979 AM0107	DAJ980 AM0108	DAJ981 AM0109	DAJ982 AM0110	DAJ983 AM0111	DAJ984 AM0112	DAJ985 AM0118	DAJ986 AM0120	DAJ987 AM0121	DAJ988 AM0122
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	1 1	1	21	21	21	21	21	21	21 1	21
PARAMETROS ANALITICOS										
FF-S %	2,000	2,000	2,000	5,000	1,500	2,000	5,000	15,000	10,000	10,000
MG-S %	0,200	0,200	0,300	0,300	0,500	0,300	0,500	0,700	1,000	0,150
CA-S %	0,070	0,050	0,070	0,070	0,200	0,150	0,300	0,500	1,500	0,300
TI-S %	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	200,000	300,000	300,000	100,000	300,000	700,000	1000,000	1000,000	1500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	70,000	100,000	100,000	100,000	100,000	100,000	100,000	-10,000
BA-S	200,000	200,000	200,000	200,000	200,000	300,000	200,000	200,000	200,000	50,000
BE-S	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	20,000	20,000	30,000	7,000	10,000	70,000	150,000	150,000	100,000
CR-S	100,000	150,000	70,000	70,000	50,000	100,000	150,000	200,000	300,000	200,000
CU-S	30,000	20,000	50,000	70,000	20,000	70,000	100,000	200,000	100,000	50,000
LA-S	30,000	30,000	30,000	70,000	30,000	30,000	50,000	70,000	-20,000	-20,000
MO-S	5,000	-5,000	5,000	10,000	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	15,000	15,000	10,000	10,000	15,000	10,000	10,000	15,000
NI-S	30,000	30,000	50,000	70,000	30,000	30,000	50,000	150,000	70,000	50,000
PR-S	-10,000	-10,000	-10,000	NAO DET.	-10,000	20,000	20,000	-10,000	-10,000	-10,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	10,000	10,000	20,000	20,000	15,000	20,000	30,000	50,000	30,000	30,000
SC-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	100,000	150,000	150,000	100,000	100,000	150,000	300,000	200,000	200,000
V-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-S	50,000	30,000	50,000	70,000	30,000	50,000	70,000	100,000	30,000	50,000
Y-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.
ZN-S	300,000	300,000	300,000	300,000	200,000	150,000	200,000	70,000	70,000	50,000
ZR-S	16,000	16,000						17,000	17,000	
	1,000	2,000						1,000	2,000	

CU-AA
PB-AA

22,000
INTERFER.

18,000
INTERFER.

50,000
INTERFER.

45,000
INTERFER.

22,000
INTERFER.

45,000
INTERFER.

80,000
INTERFER.

240,000
INTERFER.

100,000
INTERFER.

55,000
INTERFER.

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAJ989	DAJ990	DAR535	DAR536	DAR537	DAR538	DAR539	DAR540	DAR541	DAR542
NUM. CAMPO	AM0123	AM0136	AM0441	AM0443	AM0444	AM0445	AM0446	AM0447	AM0448	AM0450
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	310	310	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	4	4	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/76	10/76	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0039	0138	0224	0193	0182	0232	0243	0218	0207	0179
ORDENADA - Y	0142	0146	0511	0519	0529	0484	0519	0539	0459	0457
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONT. AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.		J	J	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOMETR.	A	A	C	C	C	C	C	C	C	C
TIPO VEGET.	A	A	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.			0,00							
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COOP.										
LARGURA RIO	1	1	3	3	3	1	3	2	3	2
PROFUND. RIO			0,6							
VELOC. CORR.			0							
NIVEL AGUA			1							
AREA CHENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA			0							
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA			1							
GRAU AFREO.										
VOL. LITON.										
PESO COAC.										
GRANULEMET.										
TEXT. SEDIM.										
COR SEC./SL.			1	C	C	C	D	C	C	1
HORIZ. SCLP										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAJ989 AM0123	DAJ990 AM0106	DAR535 AM0441	DAR536 AM0443	DAR537 AM0444	DAR538 AM0445	DAR539 AM0446	DAR540 AM0447	DAR541 AM0448	DAR542 AM0449
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			6,0							
METAL TOTAL CODIF. LIVRE	22	1	2220	2220	2220	2310	2220	2220	2320	2320
PARAMETROS ANALITICOS										
FE-S %	15,000	10,000	10,000	15,000	10,000	2,000	7,000	15,000	7,000	3,000
MG-S %	0,300	0,200	0,300	0,200	0,300	0,200	0,300	0,300	0,200	0,100
CA-S %	0,300	0,050	-0,050	-0,050	0,050	0,070	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	1,000	1,000	1,000	1,000	1,000	1,000	0,500	1,000	1,000
MN-S	1000,000	700,000	70,000	700,000	1000,000	150,000	50,000	50,000	100,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	20,000	100,000	200,000	100,000	100,000	100,000	100,000	100,000	50,000
BA-S	200,000	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	200,000
BE-S	1,000	1,000	1,000	1,000	1,000	1,000	-1,000	-1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	200,000	30,000	10,000	30,000	50,000	10,000	10,000	5,000	7,000	7,000
CR-S	100,000	70,000	150,000	100,000	100,000	70,000	200,000	150,000	70,000	50,000
CU-S	200,000	70,000	30,000	50,000	50,000	20,000	50,000	50,000	20,000	100,000
LA-S	200,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	50,000
MO-S	NAO DET.	7,000	-5,000	NAO DET.	NAO DET.	-5,000	7,000	5,000	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	15,000
NI-S	100,000	50,000	70,000	70,000	70,000	20,000	70,000	50,000	50,000	15,000
PB-S	15,000	10,000	50,000	50,000	50,000	50,000	50,000	50,000	15,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	30,000	20,000	20,000	15,000	50,000	30,000	20,000	15,000
SN-S	NAO DET.	NAO DET.	10,000	-10,000	-10,000	NAO DET.	-10,000	15,000	NAO DET.	NAO DET.
SR-S	-100,000	NAO DET.	100,000	100,000	100,000	100,000	100,000	100,000	-100,000	-100,000
V-S	200,000	150,000	200,000	200,000	300,000	200,000	300,000	200,000	200,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	150,000	30,000	50,000	50,000	50,000	30,000	50,000	30,000	50,000	50,000
ZN-S	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	200,000	300,000	500,000	200,000	700,000	1000,000	1000,000	700,000	+1000,000
CU-AA	190,000	45,000	30,000	35,000	35,000	13,000	35,000	30,000	16,000	8,000
PB-AA	INTERFER.	INTERFER.	23,000	30,000	30,000	23,000	30,000	18,000	13,000	8,000
ZN-AA	400,000	60,000	35,000	70,000	65,000	30,000	25,000	14,000	30,000	15,000
AG-AA	INTERFER.	INTERFER.								
CO-AA										
NI-AA										
BI-AA										
CD-AA	INTERFER.	INTERFER.								
TF-AA										
AU-AA	NAO DET.	NAO DET.								
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAR543	DAR544	DAR545	DAR546	DAR547	DAR548	DAR549	DAR550	DAR551	DAR552
NUM. CAMPO	AM0451	AM0455	AM0456	AM0457	AM0458	AM0459	AM0462	AM0463	AM0464	AM0465
C.-CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROFUNDIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0182	0125	0108	0112	0104	0083	0126	0118	0114	0100
ORDENADA - Y	0464	0472	0473	0478	0496	0492	0496	0508	0547	0551
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	G	G	G	G	G	G	G	G	G
ID. CECLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	C	B	B	B	B	B	B	B	B	B
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	2	2	3	2	2	3	2	2	2	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DEFNAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SED./SL.	C	C	C	C	C	C	B	C	C	C
HORIZ. SELO										
TIPO SELC										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAR543 AM0451	DAR544 AM0455	DAR545 AM0456	DAR546 AM0457	DAR547 AM0458	DAR548 AM0459	DAR549 AM0462	DAR550 AM0463	DAR551 AM0464	DAR552 AM0465
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2320	2310	2310	2310	2310	2310	2310	2310	2310	2210
PARAMETROS ANALITICOS										
FE-S %	3,000	10,000	3,000	20,000	15,000	5,000	20,000	5,000	10,000	7,000
MG-S %	0,150	0,150	0,070	0,070	0,100	0,100	0,150	0,150	0,150	0,150
CA-S %	0,070	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,100	-0,050
TI-S %	1,000	1,000	1,000	0,500	1,000	1,000	1,000	1,000	1,000	1,000
MN-S	200,000	200,000	200,000	150,000	500,000	200,000	200,000	200,000	1500,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,000	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	15,000	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	200,000	200,000	100,000	50,000	100,000	100,000
BA-S	300,000	300,000	200,000	200,000	200,000	200,000	300,000	200,000	200,000	200,000
BF-S	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000	1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	7,000	7,000	7,000	7,000	7,000	7,000	10,000	5,000	30,000	7,000
CP-S	70,000	70,000	50,000	70,000	70,000	70,000	100,000	70,000	70,000	100,000
CU-S	20,000	15,000	70,000	70,000	50,000	20,000	30,000	50,000	30,000	20,000
LA-S	100,000	100,000	100,000	100,000	100,000	200,000	150,000	100,000	100,000	100,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	-5,000
NR-S	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	20,000	20,000	20,000	20,000	20,000	20,000	50,000	50,000	70,000	70,000
PB-S	20,000	15,000	15,000	15,000	15,000	15,000	20,000	15,000	15,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	10,000	15,000	30,000	30,000	30,000	15,000	20,000	20,000
SN-S	10,000	NAO DET.	NAO DET.	INTERFER.	-10,000	NAO DET.	INTERFER.	NAO DET.	150,000	NAO DET.
SR-S	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000
V-S	100,000	100,000	100,000	100,000	100,000	100,000	200,000	100,000	100,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	30,000	50,000	50,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	1000,000	+1000,000	1000,000	+1000,000	+1000,000	300,000	500,000	1000,000	1000,000
CU-AA	9,000	15,000	11,000	16,000	16,000	10,000	22,000	13,000	20,000	14,000
PR-AA	11,000	7,000	5,000	9,000	10,000	10,000	16,000	6,000	11,000	15,000
ZN-AA	18,000	25,000	22,000	35,000	28,000	19,000	30,000	10,000	45,000	11,000
AG-AA		NAO DET.					NAO DET.	NAO DET.		
CO-AA										
VI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA		NAO DET.					NAO DET.	NAO DET.		
NA-AA %										
LA-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE COPRENTF

NUM. LAB.	DAR553	DAR554	DAR555	DAR556	DAR557	DAR558	DAR559	DAR560	DAR561	DAR562
NUM. CAMPO	AM0466	AM0469	AM0470	AM0471	AM0472	AM0473	AM0475	AM0476	AM0477	AM0478
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0110	0060	0033	0018	0029	0041	0176	0145	0140	0012
ORDENADA - Y	0546	0487	0490	0507	0537	0541	0432	0435	0419	0435
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	S	S	S	S	S	S	S	S	S	S
TIPO AMCST.	A	A	A	A	A	A	A	A	A	A
FONTE AMCST.	L	L	L	L	L	L	L	L	L	L
ROCHA FEC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVICIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMCST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMCST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCFR.										
LARGURA RIO	2	3	2	3	3	2	1	2	3	3
PROFUND. RIO										
VILUC. CORR.										
NIVEL AGUA										
AREA DEFENAG.	1	1	1	1	1	1	1	1	2	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARPED.										
VOL. ORIGIN.										
PESO LIT.										
GRANULOMET.										
TEXT. MINER.										
COR SEC./SL.	C	B	C	B	B	B	C	C	B	C
HORIZ. SCIO										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAR553 AM0466	DAR554 AM0469	DAR555 AM0470	DAR556 AM0471	DAR557 AM0472	DAR558 AM0473	DAR559 AM0475	DAR560 AM0476	DAR561 AM0477	DAR562 AM0478
PARAMETROS ANALITICOS DE CAMPU										
EM CVCLT										
PH										
METAL TCTAL										
COEF. LIVRE	2210	3 10	3 10	2310	2310	2310	2310	2310	2310	3010
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	7,000	15,000	5,000	15,000	15,000	15,000	10,000	2,000
MG-S %	0,100	0,070	0,070	0,100	0,050	0,070	0,150	0,100	0,070	0,050
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	1,000	1,000	1,000	1,000	1,000	0,500	0,700	0,500	1,000	0,700
MN-S	500,000	200,000	50,000	500,000	100,000	300,000	1000,000	1000,000	300,000	1500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	100,000	200,000	200,000	200,000	200,000	100,000
EA-S	200,000	200,000	200,000	200,000	150,000	150,000	200,000	150,000	150,000	70,000
BE-S	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	1,500	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	15,000	15,000	10,000	20,000	10,000	7,000	20,000	20,000	15,000	50,000
GR-S	70,000	70,000	70,000	100,000	50,000	70,000	70,000	50,000	50,000	30,000
CU-S	20,000	20,000	20,000	50,000	30,000	15,000	20,000	10,000	20,000	10,000
LA-S	100,000	100,000	100,000	100,000	100,000	20,000	100,000	100,000	100,000	20,000
MO-S	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.
NI-S	10,000	10,000	10,000	10,000	10,000	-10,000	-10,000	-10,000	15,000	-10,000
NT-S	30,000	30,000	30,000	30,000	10,000	15,000	30,000	15,000	20,000	7,000
PB-S	15,000	15,000	15,000	15,000	10,000	-10,000	20,000	10,000	10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	50,000	30,000	20,000	10,000	15,000	15,000	10,000	15,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	15,000	-10,000	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	NAO DET.
V-S	100,000	100,000	100,000	100,000	100,000	150,000	200,000	200,000	200,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	50,000	50,000	30,000	50,000	30,000	70,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	1000,000	1000,000	700,000	1000,000	1000,000	500,000	700,000	1000,000	1000,000
CU-AA	12,000	12,000	13,000	17,000	12,000	20,000	22,000	14,000	15,000	6,000
PB-AA	10,000	10,000	10,000	8,000	7,000	9,000	11,000	9,000	10,000	9,000
ZN-AA	26,000	25,000	13,000	25,000	15,000	30,000	30,000	29,000	24,000	9,000
AG-AA										
CI-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAR563	DAR564	DAR565	DAR566	DAR567	DAR568	DAR569	DAR570	DAR571	DAR572
NUM. CAMPO	AM0497	AM0500	AM0501	AM0502	AM0503	AM0504	AM0506	AM0507	AM0508	AM0511
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
PASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ARCISSA - X	0314	0335	0320	0361	0360	0345	0376	0373	0395	0258
ORDENADA - Y	0539	0485	0463	0470	0469	0453	0450	0441	0445	0370
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOMETR.	B	B	B	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. TCCCR.										
LARGURA RIO	9	2	1	2	2	1	2	1	1	2
PROFUND. RIO	0,2									
VELOC. CORR.	1									
NIVEL AGUA	1									
AREA DEFNAG.	3	1	1	1	1	1	1	1	1	1
TURB. AGUA	0									
POS. COLTETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	C									
GRAU APREC.										
VOL. ORIGIN.										
PESO COR.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEP. ASL.	C	C	C	C	C	C	C	C	C	C
MÓDULO. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAP563 AM0497	DAR564 AM0500	DAR565 AM0501	DAR566 AM0502	DAR567 AM0503	DAR568 AM0504	DAR569 AM0506	DAR570 AM0507	DAR571 AM0508	DAR572 AM0511
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	6,0									
METAL TOTAL CONDIF. LIVRE	2120	2220	2220	2220	2221	2220	2220	2220	2220	2310
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	7,000	10,000	7,000	10,000	7,000	3,000	7,000	3,000
MG-S %	0,200	0,150	0,150	0,150	0,100	0,200	0,200	0,200	0,200	0,200
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	1,000	+1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
MN-S	70,000	100,000	150,000	100,000	70,000	500,000	70,000	100,000	300,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
PA-S	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
BE-S	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	1,500	-1,000	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	15,000	10,000	15,000	10,000	30,000	20,000	15,000	20,000	30,000
CR-S	100,000	100,000	70,000	100,000	70,000	100,000	100,000	100,000	100,000	70,000
CU-S	50,000	150,000	150,000	30,000	20,000	50,000	50,000	50,000	50,000	30,000
LA-S	70,000	70,000	70,000	100,000	50,000	100,000	100,000	70,000	70,000	70,000
MO-S	10,000	7,000	-5,000	-5,000	-5,000	NAO DET.	-5,000	NAO DET.	15,000	-5,000
NB-S	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	70,000	70,000	70,000	70,000	50,000	70,000	100,000	70,000	70,000	50,000
PB-S	30,000	30,000	50,000	20,000	15,000	50,000	50,000	50,000	30,000	70,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	20,000	30,000	20,000	30,000	20,000	20,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	500,000	-10,000	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000
V-S	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	50,000	100,000	70,000	70,000	70,000	70,000
ZR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	1000,000	300,000	300,000	+1000,000	1000,000	700,000	700,000	1000,000	1000,000
CU-AA	30,000	50,000	70,000	35,000	22,000	30,000	40,000	26,000	30,000	17,000
PB-AA	16,000	20,000	22,000	16,000	13,000	19,000	19,000	19,000	18,000	20,000
ZN-AA	65,000	40,000	45,000	35,000	30,000	45,000	65,000	28,000	50,000	35,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAR573	DAR574	DAR575	DAR576	DAR577	DAR578	DAR579	DAR580	DAR581	DAR582
NUM. CAMPO	AM0512	AM0513	AM0514	AM0515	AM0516	AM0517	AM0518	AM0519	AM0520	AM0521
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
PASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABSCISSA - X	0267	0292	0289	0303	0313	0331	0350	0337	0338	0370
ORDENADA - Y	0431	0398	0389	0381	0388	0373	0391	0361	0361	0359
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. CICLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	2	2	2	2	2	2	2	2	2	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGEM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMFO AMB. BICTICO	DAR573 AM0512	DAR574 AM0513	DAR575 AM0514	DAR576 AM0515	DAR577 AM0516	DAR578 AM0517	DAR579 AM0518	DAR580 AM0519	DAR581 AM0520	DAR582 AM0521
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	2310	2310	2310	2310	2310	2310	2310	2310	2311	2310
PARAMETROS ANALITICOS										
FE-S %	2,000	3,000	3,000	3,000	7,000	7,000	15,000	7,000	10,000	5,000
MG-S %	0,100	0,200	0,200	0,200	0,200	0,200	0,200	0,200	0,150	0,150
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,200	0,050	0,050
TI-S %	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
MN-S	100,000	100,000	100,000	500,000	100,000	1000,000	1000,000	1000,000	1000,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	20,000	100,000	100,000	100,000	100,000	100,000	200,000	100,000	200,000	100,000
PA-S	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
RE-S	-1,000	1,500	2,000	-1,000	1,000	1,000	1,500	1,000	1,500	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	20,000	20,000	20,000	15,000	20,000	30,000	30,000	50,000	70,000
CR-S	50,000	50,000	70,000	100,000	100,000	70,000	100,000	70,000	100,000	70,000
CU-S	20,000	20,000	20,000	30,000	50,000	20,000	30,000	70,000	50,000	20,000
LA-S	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000	50,000
MO-S	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.
NB-S	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	15,000	15,000
NI-S	30,000	50,000	70,000	30,000	70,000	70,000	70,000	70,000	70,000	70,000
PR-S	20,000	10,000	30,000	20,000	50,000	20,000	30,000	20,000	10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	20,000	20,000	30,000	30,000	30,000	30,000	15,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	150,000	NAO DET.	NAO DET.	NAO DET.	150,000	10,000	-10,000
SR-S	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	100,000
V-S	150,000	150,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	1000,000	500,000	1000,000	1000,000	1000,000	700,000	700,000	1000,000	1000,000
CU-AA	9,000	20,000	25,000	16,000	20,000	18,000	27,000	30,000	35,000	20,000
PR-AA	11,000	13,000	17,000	11,000	15,000	16,000	23,000	10,000	10,000	7,000
ZN-AA	11,000	35,000	40,000	12,000	35,000	30,000	50,000	45,000	45,000	19,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAR583	DAR584	DAR585	DAR586	DAR587	DAR588	DAR590	DAR591	DAR592	DAR593
NUM. CAMPO	AM0522	AM0523	AM0524	AM0528	AM0529	AM0530	AM0532	AM0533	AM0534	AM0535
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0374	0389	0331	0362	0386	0421	0214	0215	0274	0233
ORDENADA - Y	0364	0366	0357	0330	0286	0291	0328	0328	0336	0421
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLCG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCR.										
LARGUEZA RIO	1	1	3	3	2	2	2	2	2	2
PROFUND. RIO										
VELOC. CCPR.										
NIVEL AGUA										
AREA DEFNAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COP SED. / SL.										
HORIZ. SED.										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAR583 AM0522	DAR584 AM0523	DAR585 AM0524	DAR586 AM0528	DAR587 AM0529	DAR588 AM0530	DAR590 AM0532	DAR591 AM0533	DAR592 AM0534	DAR593 AM0535
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2310	2310	2010	2310	3 10	3 10	3 10	3 11	3 10	2310
PARAMETROS ANALITICOS										
FE-S %	15,000	15,000	1,000	5,000	2,000	5,000	2,000	7,000	2,000	1,500
MG-S %	0,150	0,150	0,070	0,100	0,100	0,200	0,200	0,200	0,070	0,070
CA-S %	0,050	0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,070	-0,050	0,050
TI-S %	+1,000	+1,000	0,700	1,000	1,000	+1,000	1,000	1,000	1,000	0,700
MN-S	500,000	200,000	150,000	300,000	100,000	100,000	100,000	70,000	200,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	200,000	100,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	20,000
BA-S	300,000	300,000	100,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
BE-S	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	100,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	10,000
CR-S	100,000	100,000	30,000	50,000	50,000	70,000	70,000	100,000	50,000	20,000
CU-S	20,000	30,000	20,000	7,000	10,000	15,000	20,000	30,000	20,000	70,000
LA-S	150,000	100,000	50,000	70,000	70,000	100,000	100,000	100,000	100,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	10,000	-10,000	10,000	10,000	15,000	15,000	15,000	15,000	-10,000
NI-S	70,000	70,000	15,000	30,000	20,000	50,000	50,000	50,000	50,000	7,000
PB-S	15,000	20,000	NAO DET.	10,000	-10,000	20,000	20,000	20,000	15,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	10,000	15,000	10,000	20,000	15,000	20,000	15,000	10,000
SN-S	30,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	500,000	70,000	150,000	150,000	500,000	200,000	200,000	200,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	50,000	100,000	100,000	100,000	70,000	70,000	70,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	300,000	+1000,000	+1000,000	+1000,000	1000,000	500,000	700,000	1000,000	500,000
CU-AA	29,000	40,000	4,000	12,000	8,000	18,000	19,000	20,000	18,000	5,000
PB-AA	16,000	20,000	4,000	9,000	4,000	15,000	17,000	14,000	17,000	10,000
ZN-AA	45,000	40,000	10,000	23,000	17,000	30,000	60,000	60,000	55,000	20,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAR594	DAR595	DAR596	DAR597	DAR598	DAR599	DAR600	DAR601	DAR602	DAR603
NUM. CAMPO	AM0536	AM0538	AM0539	AM0540	AM0542	AM0543	AM0544	AM0545	AM0549	AM0550
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
PASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0234	0315	0020	0012	0157	0138	0399	0097	0117	0116
ORDENADA - Y	0422	0341	0380	0392	0339	0360	0375	0370	0285	0286
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA EFF.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	A	C	A	C	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCO.										
LARGURA RIO	2	2	1	3	3	3	1	1	2	2
PROFUND. RIO		0,3		0,2		0,5				
VELOC. CORR.		1		1		0				
NIVEL AGUA		1		1		1				
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA		0		0		0				
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA		A		A		A				
GRAU ARRED.										
VOL. CHICIN.										
RESID. LENC.										
GRANULOMET.										
TEST. SEDIM.										
COR SEC./SL.			C	I	C	C	C	C	C	C
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO AMB. BICTICO	DAR594 AM0536	DAR595 AM0538	DAR596 AM0539	DAR597 AM0540	DAR598 AM0542	DAR599 AM0543	DAR600 AM0544	DAR601 AM0545	DAR602 AM0549	DAR603 AM0550
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		6,0		6,0		6,0				
METAL TOTAL										
COEF. LIVRE	2311	3 10	3 10	3 10	3 10	3 10	3 10	3 10	4 10	4 11
PARAMETROS ANALITICOS										
FE-S %	2,000	5,000	5,000	10,000	5,000	7,000	3,000	3,000	3,000	3,000
MG-S %	0,200	0,200	0,200	0,200	0,150	0,150	0,100	0,100	0,100	0,100
CA-S %	-0,050	0,050	0,070	0,150	-0,050	-0,050	0,070	-0,050	0,070	0,070
TI-S %	1,000	+1,000	1,000	+1,000	1,000	0,700	1,000	+1,000	1,000	1,000
MN-S	100,000	500,000	300,000	700,000	150,000	100,000	200,000	300,000	100,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	100,000	50,000	50,000	100,000	50,000	100,000	100,000	100,000	100,000
PA-S	500,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	500,000	500,000
BE-S	1,500	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	20,000	20,000	50,000	50,000	10,000	10,000	20,000	50,000	10,000	10,000
CU-S	70,000	50,000	70,000	70,000	50,000	100,000	70,000	70,000	30,000	50,000
LA-S	30,000	20,000	30,000	20,000	20,000	30,000	70,000	20,000	10,000	30,000
MO-S	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
NO-S	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NB-S	-10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	50,000	30,000	30,000	50,000	20,000	20,000	70,000	50,000	30,000	30,000
PB-S	100,000	15,000	15,000	10,000	15,000	15,000	15,000	10,000	50,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	15,000	15,000	15,000	15,000	20,000	15,000	10,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000
V-S	200,000	200,000	200,000	200,000	200,000	200,000	500,000	300,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	100,000	50,000	100,000	70,000	70,000	70,000	70,000	30,000	50,000
ZP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	+1000,000	700,000	+1000,000	+1000,000	+1000,000	500,000	700,000	1000,000	1000,000
CU-AA	21,000	22,000	20,000	26,000	13,000	11,000	55,000	29,000	9,000	11,000
PR-AA	25,000	13,000	10,000	10,000	8,000	7,000	8,000	7,000	14,000	14,000
ZN-AA	45,000	24,000	29,000	35,000	22,000	22,000	25,000	23,000	29,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAR604	DAR605	DAR606	DAR607	DAR608	DAR609	DAR610	DAR611	DAS003	DAS004
NUM. CAMPO	AM0551	AM0553	AM0554	AM0555	AM0558	AM0559	AM0564	AM0565	PP0069	PP0070
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA21XD V	SA21XD V
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-3	D-V-3	I 2	I 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0030	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	54 15 00	54 15 00
ABCISSA - X	0096	0102	0141	0149	0097	0082	0063	0048	0197	0197
ORDENADA - Y	0301	0267	0249	0223	0225	0250	0517	0489	0359	0366
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
TD. GEOLOG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	GS	ALJV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	1	2	1	1	2	1	1	1		
PROFUND. RIO										
VELOC. CORP.										
NIVEL AGUA										
AREA CHENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABREC.										
VOL. OPIGIN.										
PESO CONC.										
GRANULOMET.										
TEST. QUIM.										
COR SED. /SH	C	C	C	C	C	C	C	C	C	C
MATRIZ. SELO										
TIPO SILE										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAR604 AM0551	DAR605 AM0553	DAR606 AM0554	DAR607 AM0555	DAR608 AM0558	DAR609 AM0559	DAR610 AM0564	DAR611 AM0565	DAS003 PP0069	DAS004 PP0070
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4 10	4 10	4 10	5 10	5 10	5 10	5 40	5 40	2B20	2A20
PARAMETROS ANALITICOS										
FE-S %	3,000	1,500	2,000	2,000	3,000	2,000	3,000	3,000	15,000	15,000
MG-S %	0,150	0,070	0,070	0,070	0,070	0,070	0,200	0,070	0,500	0,200
CA-S %	0,100	0,050	0,100	0,100	0,100	0,070	0,100	0,100	0,150	0,050
TI-S %	0,700	0,700	0,700	0,700	0,700	0,700	0,700	0,700	+1,000	+1,000
MN-S	100,000	50,000	100,000	100,000	150,000	70,000	200,000	200,000	300,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	50,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	150,000	150,000
BR-S	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	500,000	300,000
BF-S	1,500	-1,000	1,000	-1,000	1,500	1,000	1,500	-1,000	5,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	10,000	7,000	7,000	10,000	10,000	10,000	20,000	10,000	50,000	20,000
CU-S	50,000	50,000	30,000	50,000	50,000	100,000	70,000	30,000	200,000	150,000
LA-S	10,000	5,000	5,000	10,000	10,000	5,000	15,000	10,000	70,000	70,000
MO-S	100,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	150,000	70,000
NI-S	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	5,000	-5,000	-5,000	5,000
NB-S	15,000	10,000	10,000	15,000	10,000	10,000	10,000	10,000	20,000	20,000
NT-S	20,000	10,000	15,000	20,000	20,000	20,000	50,000	20,000	100,000	70,000
PB-S	30,000	20,000	15,000	70,000	70,000	15,000	150,000	30,000	50,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	10,000	15,000	20,000	15,000	10,000	15,000	10,000	30,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.
SP-S	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	150,000	100,000
V-S	100,000	70,000	70,000	100,000	100,000	100,000	100,000	70,000	500,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	20,000	20,000	50,000	50,000	50,000	50,000	50,000	100,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	1000,000	1000,000	700,000	700,000	200,000	+1000,000	200,000	300,000
CU-AA	11,000	5,000	8,000	10,000	13,000	13,000	18,000	8,000	70,000	65,000
PB-AA	20,000	16,000	16,000	19,000	25,000	18,000	28,000	18,000	17,000	20,000
ZN-AA	35,000	11,000	25,000	35,000	50,000	35,000	70,000	30,000	75,000	40,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS005	DAS006	DAS007	DAS008	DAS009	DAS010	DAS011	DAS012	DAS013	DAS014
NUM. CAMPO	PP0071	PP0075	PP0076	PP0077	PP0080	PP0083	PP0085	PP0086	PP0088	PP0091
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XDVI	SA21XD V	SA21XD V	SA21XD V
BASE CART.	1 2	1 2	1 2	1 2	1 2	1 2	2	1 2	1 2	1 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0209	0214	0161	0155	0136	0098	0180	0171	0176	0133
ORDENADA - Y	0366	0381	0331	0338	0343	0338	0321	0314	0309	0348
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.										
ROCHA REC.										
ID. GEOLG.		GS								
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TEGG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PROF.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA					0					
AREA CRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA		C	C	C						
COR AGUA										
GRAU ARREF.										
VOL. EFECEN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
CON SEC. /SL										
MORF. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS005 PP0071	DAS006 PP0075	DAS007 PP0076	DAS008 PP0077	DAS009 PP0080	DAS010 PP0083	DAS011 PP0085	DAS012 PP0086	DAS013 PP0088	DAS014 PP0091
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2B20	2B20	2B20	2B20	2A20	2A20	2B20	2B20	2B20	2320
PARAMETROS ANALITICOS										
FE-S %	15,000	20,000	15,000	15,000	15,000	+20,000	20,000	15,000	10,000	15,000
MG-S %	0,300	0,500	0,500	0,500	0,200	0,500	0,500	0,500	0,700	0,500
CA-S %	-0,050	0,150	0,200	0,150	0,050	0,200	0,070	0,070	0,200	0,150
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
4N-S	500,000	1000,000	500,000	1000,000	200,000	700,000	1000,000	500,000	200,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	100,000	10,000	100,000	150,000	150,000	100,000
BA-S	300,000	500,000	300,000	300,000	200,000	150,000	500,000	500,000	500,000	500,000
BF-S	1,000	2,000	3,000	2,000	3,000	3,000	2,000	3,000	2,000	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	100,000	70,000	100,000	15,000	50,000	70,000	50,000	30,000	100,000
CR-S	200,000	300,000	500,000	200,000	150,000	200,000	200,000	200,000	200,000	200,000
CU-S	70,000	200,000	200,000	150,000	200,000	150,000	100,000	70,000	30,000	100,000
LA-S	70,000	70,000	100,000	100,000	100,000	50,000	100,000	100,000	100,000	100,000
MO-S	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	20,000	NAO DET.	-5,000	NAO DET.	NAO DET.
NR-S	20,000	15,000	10,000	20,000	10,000	10,000	20,000	20,000	15,000	15,000
NI-S	70,000	200,000	200,000	150,000	70,000	150,000	100,000	100,000	70,000	150,000
PB-S	50,000	70,000	50,000	50,000	70,000	30,000	70,000	70,000	50,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	50,000	30,000	50,000	30,000	30,000	30,000	30,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	100,000	200,000	100,000	100,000	-100,000	-100,000	-100,000	100,000	100,000
V-S	500,000	500,000	500,000	500,000	300,000	500,000	500,000	500,000	500,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	100,000	100,000	100,000	100,000	70,000	70,000	70,000	70,000	100,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	INTERFER.
ZR-S	300,000	300,000	200,000	300,000	150,000	100,000	200,000	300,000	200,000	200,000
CU-AA	70,000	110,000	130,000	100,000	120,000	110,000	50,000	40,000	26,000	65,000
PB-AA	23,000	25,000	16,000	22,000	26,000	15,000	27,000	30,000	10,000	27,000
ZN-AA	45,000	85,000	190,000	90,000	40,000	160,000	75,000	75,000	55,000	100,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS015	DAS016	DAS017	DAS018	DAS019	DAS020	DAS021	DAS022	DAS023	DAS024
NUM. CAMPO	PP0093	PP0095	PP0096	PP0097	PP0103	PP0104	PP0105	PP0106	PP0108	PP0109
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0221	0222	0209	0275	0035	0044	0050	0046	0189	0452
ORDENADA - Y	0398	0389	0392	0408	0404	0411	0423	0408	0330	0275
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.										
ROCHA REG.										
ID. GEOLG.										
MAT. CCLFY.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE										
TIPO VEGET.										
SIT. ICPCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA				0						
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU APPED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SUDM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS015 PP0093	DAS016 PP0095	DAS017 PP0096	DAS018 PP0097	DAS019 PP0103	DAS020 PP0104	DAS021 PP0105	DAS022 PP0106	DAS023 PP0108	DAS024 PP0109
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT PH METAL TOTAL CODIF. LIVRE	2A20	2A20	2A20	2A20	1620	2A20	2A21	2A20	2B20	2320
PARAMETROS ANALITICOS										
FF-S %	15,000	20,000	15,000	15,000	20,000	15,000	20,000	20,000	20,000	2,000
MG-S %	0,300	0,500	0,300	0,500	1,000	0,700	0,700	0,300	1,000	0,070
CA-S %	0,100	0,300	0,100	0,150	1,000	0,700	0,500	0,700	0,200	0,150
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	1000,000	1500,000	1000,000	1000,000	5000,000	3000,000	2000,000	5000,000	2000,000	300,000
AG-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	100,000	100,000	150,000	70,000	-10,000	NAO DET.	NAO DET.	-10,000	-10,000	100,000
BA-S	300,000	500,000	500,000	300,000	500,000	300,000	200,000	200,000	200,000	70,000
BE-S	3,000	5,000	2,000	1,000	NAO DET.	NAO DET.	NAO DET.	-1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	200,000	70,000	100,000	200,000	200,000	300,000	500,000	150,000	7,000
CR-S	150,000	300,000	150,000	300,000	300,000	500,000	500,000	200,000	100,000	50,000
CU-S	100,000	100,000	100,000	300,000	200,000	50,000	50,000	50,000	700,000	10,000
LI-S	70,000	100,000	100,000	50,000	20,000	NAO DET.	NAO DET.	20,000	50,000	-20,000
MO-S	-5,000	-5,000	5,000	NAO DET.	5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	20,000	10,000	10,000	15,000	20,000	10,000	10,000	15,000
NI-S	70,000	200,000	100,000	200,000	200,000	100,000	100,000	100,000	150,000	15,000
PH-S	50,000	50,000	50,000	50,000	15,000	-10,000	-10,000	10,000	20,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	50,000	50,000	50,000	50,000	30,000	50,000	30,000	70,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	100,000	100,000	100,000	100,000	NAO DET.	NAO DET.	150,000	-100,000	NAO DET.
V-S	500,000	500,000	500,000	500,000	500,000	500,000	700,000	700,000	500,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	100,000	100,000	70,000	70,000	20,000	20,000	50,000	150,000	50,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	NAO DET.
ZR-S	300,000	200,000	300,000	200,000	200,000	150,000	150,000	150,000	200,000	+1000,000
CU-AA	85,000	95,000	85,000	140,000	140,000	55,000	45,000	80,000	370,000	9,000
PB-AA	27,000	23,000	20,000	16,000	12,000	10,000	9,000	20,000	15,000	3,000
ZN-AA	90,000	240,000	90,000	140,000	60,000	65,000	60,000	160,000	170,000	9,000
AG-AA										
CT-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS025	DAS026	DAS027	DAS028	DAS029	DAS030	DAS031	DAS032	DAS033	DAS034
NUM. CAMPO	PP0110	PP0111	PP0112	PP0113	PP0114	PP0116	PP0117	PP0124	PP0131	PP0133
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
EASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XDVI	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	I 2	I 2	I 2	I 2	I 2	2	I 2	I 2	I 2	I 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0455	0196	0206	0221	0126	0087	0069	0049	0454	0400
ORDENADA - Y	0270	0322	0319	0314	0344	0340	0323	0304	0500	0460
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.										
ROCHA REG.										
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO PINER.										
DEP. CCCP.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUPB. AGUA										
PCS. CELETA										
COR AGUA										
GRAU APPED.										
VOL. CRISTN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.										
COR SED./SL.										
HORIZ. SCLD										
TIPO SLLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS025 PP0110	DAS026 PP0111	DAS027 PP0112	DAS028 PP0113	DAS029 PP0114	DAS030 PP0116	DAS031 PP0117	DAS032 PP0124	DAS033 PP0131	DAS034 PP0133
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PARAMETROS ANALITICOS DE CAMPO

EH CVCLT										
PH										5,9
METAL TOTAL										
CODIF. LIVRE	3 20	2B20	2B20	2R20	2A20	2A20	2A20	2A20	2220	2320

PARAMETROS ANALITICOS

FE-S %	7,000	15,000	20,000	15,000	10,000	15,000	15,000	15,000	20,000	10,000
MG-S %	0,100	0,500	0,700	0,500	0,200	1,000	1,000	0,300	0,500	0,200
CA-S %	0,070	0,050	0,200	0,100	-0,050	1,000	2,000	0,100	0,300	0,300
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000
MN-S	2000,000	300,000	3000,000	500,000	300,000	2000,000	1500,000	700,000	2000,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
S-S	100,000	150,000	150,000	150,000	150,000	15,000	-10,000	100,000	100,000	100,000
BA-S	50,000	300,000	500,000	500,000	300,000	150,000	200,000	200,000	300,000	200,000
BE-S	-1,000	3,000	3,000	5,000	3,000	-1,000	-1,000	1,000	1,000	2,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	70,000	150,000	50,000	50,000	150,000	100,000	50,000	200,000	70,000
CR-S	70,000	300,000	300,000	150,000	150,000	300,000	70,000	200,000	300,000	100,000
CU-S	20,000	70,000	100,000	70,000	150,000	300,000	700,000	200,000	100,000	100,000
LA-S	-20,000	200,000	200,000	200,000	300,000	20,000	-20,000	50,000	50,000	70,000
MO-S	NAO DET.	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.
NR-S	20,000	20,000	20,000	20,000	20,000	10,000	10,000	10,000	20,000	20,000
NI-S	20,000	150,000	150,000	100,000	100,000	150,000	150,000	100,000	150,000	100,000
PD-S	10,000	100,000	70,000	50,000	100,000	70,000	NAO DET.	70,000	-10,000	20,000
SA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	50,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	20,000
SN-S	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	150,000	150,000	150,000	100,000	150,000	200,000	100,000	100,000	100,000
V-S	300,000	300,000	300,000	300,000	300,000	700,000	200,000	500,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	200,000	100,000	100,000	70,000	100,000	30,000	50,000	30,000	50,000	50,000
ZN-S	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	-200,000	NAO DET.	INTERFER.
ZR-S	1000,000	200,000	200,000	200,000	300,000	100,000	150,000	150,000	300,000	200,000
CU-AA	17,000	55,000	65,000	35,000	75,000	140,000	310,000	110,000	85,000	65,000
PB-AA	8,000	35,000	22,000	12,000	24,000	17,000	3,000	12,000	7,000	10,000
ZN-AA	10,000	95,000	65,000	75,000	65,000	90,000	40,000	75,000	50,000	60,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS035	DAS036	DAS037	DAS038	DAS039	DAS040	DAS041	DAS042	DAS043	DAS044
NUM. CAMPO	PP0135	PP0136	PP0137	PP0138	ES0001	ES0002	ES0004	ES0005	ES0006	ES0007
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTC	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XD V	SA21XD V	SA21XD V	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	1 2	1 2	1 2	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	09/77	09/77	09/77	09/77	09/77	09/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0428	0438	0441	0448	0331	0321	0348	0335	0445	0473
ORDENADA - Y	0447	0444	0452	0448	0408	0469	0506	0511	0437	0476
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	B	B	B	B	B	B
FONTE AMST.					L	L	L	L	L	L
ROCHA REG.					G	G	G	G	G	G
ID. GEOLG.					GI	GI	GI	GI	GI	GI
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	AREA	AREA	CSCCL	CSCCL	AREA	CSCCL
PLUVICSTICADE					A	A	A	A	B	B
TIPO VEGFT.					C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	C	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRFD.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO					5	5	3	5	3	4
PROFUND. RIO					0,4	0,4	0,4	0,4	1,0	1,0
VELOC. CORR.					0	0	0	0	0	0
NIVEL AGUA					1	0	0	0	0	0
AREA DEFNAG.	1	1	1	1	2	2	1	1	2	1
TURB. AGUA					0	0	0	0	0	0
POS. COLTA					E	C	C	C	C	C
COR AGUA										
GRAU AFRCD.					B	B	B	B	C	B
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.					BF	AC	AB	AB	BG	AC
TEST. QUIM.					2221	34111	43111	42111	7111	42121
COR SED./SL.					0	C	I	C	F	
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS035 PP0135	DAS036 PP0136	DAS037 PP0137	DAS038 PP0138	DAS039 ES0001	DAS040 ES0002	DAS041 ES0004	DAS042 ES0005	DAS043 ES0006	DAS044 ES0007
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH					5,5					
METAL TOTAL										
CODIF. LIVRE	2B20	2B20	2B20	2B20	7510	7510	7510	7510	7510	1 30
PARAMETROS ANALITICOS										
FE-S %	15,000	10,000	15,000	20,000	3,000	5,000	20,000	5,000	1,000	7,000
MG-S %	0,500	0,200	0,200	1,000	0,050	0,050	0,070	0,050	0,100	0,200
CA-S %	1,000	0,500	0,500	1,000	0,050	0,050	-0,050	0,050	0,050	0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	0,500	0,700	0,500	1,000	+1,000	+1,000
MN-S	1500,000	1000,000	+5000,000	3000,000	100,000	500,000	500,000	500,000	70,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BA-S	150,000	150,000	50,000	100,000	150,000	150,000	150,000	150,000	200,000	200,000
BE-S	200,000	150,000	300,000	200,000	100,000	150,000	150,000	150,000	150,000	200,000
BI-S	-1,000	1,000	-1,000	1,000	1,500	1,500	1,500	2,000	1,000	3,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	50,000	300,000	200,000	10,000	50,000	20,000	20,000	5,000	10,000
CR-S	150,000	100,000	100,000	300,000	20,000	50,000	100,000	70,000	30,000	70,000
CU-S	150,000	100,000	100,000	150,000	10,000	20,000	20,000	20,000	5,000	30,000
LA-S	50,000	70,000	50,000	50,000	50,000	150,000	70,000	100,000	70,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	-5,000	-5,000	-5,000	5,000
NB-S	20,000	20,000	20,000	20,000	15,000	20,000	20,000	20,000	20,000	20,000
NI-S	150,000	100,000	100,000	200,000	20,000	30,000	50,000	20,000	10,000	50,000
PB-S	15,000	20,000	30,000	15,000	-10,000	15,000	50,000	20,000	-10,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	30,000	30,000	5,000	5,000	10,000	7,000	-5,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	150,000	100,000	100,000	100,000	-100,000	-100,000	100,000	100,000	-100,000	NAO DET.
V-S	500,000	300,000	500,000	500,000	150,000	100,000	300,000	200,000	150,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	70,000	70,000	70,000	50,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	500,000	300,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	700,000
CU-AA	90,000	45,000	90,000	75,000	5,000	9,000	9,000	9,000	3,000	19,000
PB-AA	9,000	6,000	19,000	13,000	12,000	20,000	28,000	21,000	7,000	15,000
ZN-AA	45,000	27,000	40,000	70,000	35,000	40,000	45,000	35,000	26,000	50,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS045	DAS046	DAS047	DAS048	DAS049	DAS050	DAS051	DAS052	DAS053	DAS054
NUM. CAMPO	ES0008	ES0009	ES0010	ES0011	ES0012	ES0013	ES0014	ES0015	ES0018	ES0019
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	09/77	09/77	09/77	09/77	09/77	09/77	09/77	09/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0512	0474	0461	0424	0358	0354	0346	0369	0383	0397
ORDENADA - Y	0434	0413	0428	0428	0512	0513	0530	0475	0369	0368
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	B	B	B	B	A	B	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	H	G	G	G	G	G	G	G	G	H
ID. GEOLÓG.	GM	GI	GI	GI	GI	GI	GI	GI	GI	GM
MAT. COLET.	AREA	AREA	AREA	ARFA	AREA	CSCL	AREA	AREA	ARGL	ARGL
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	C	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	3	6	2	6	3	10	3	2	1	2
PROFUND. RIO	0,5	1,0	0,5	1,0	1,0	0,2	0,5	1,0	0,4	0,4
VELOC. CORR.	0	0	0	0	0	2	0	0	0	0
NIVEL AGUA	0	0	0	0	0	1	0	0	0	0
AREA DRENAG.	1	1	1	2	1	2	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CUR AGUA						A				
GRAU AREC.	C	B	C	C	B	A	C	C	C	C
VOL. ORIGIN.										
PEQU. LEUC.										
GRANULOMET.	BG	BG	BG	BG	DE	AB	BG	BG	BG	CH
TEXT. SEDIM.	5131	5221	7111	7111	25111	52111	7111	7111	12241	3241
CUR. SIF. / SL.	D	C	C	C	C	F	I	F	C	C
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS045 ES0008	DAS046 ES0009	DAS047 ES0010	DAS048 ES0011	DAS049 ES0012	DAS050 ES0013	DAS051 ES0014	DAS052 ES0015	DAS053 ES0018	DAS054 ES0019
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH						5,5				
METAL TOTAL										
CODIF. LIVRE	1 30	1 30	7510	7510	7510	7510	7510	7510	1630	1630
PARAMETROS ANALITICOS										
FE-S %	2,000	10,000	7,000	20,000	15,000	2,000	5,000	0,700	5,000	7,000
MG-S %	0,200	0,300	0,150	0,150	0,150	0,100	0,150	0,100	0,200	0,200
CA-S %	0,050	0,200	0,200	0,070	-0,050	0,100	-0,050	-0,050	-0,050	0,070
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	0,500	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	1500,000	1000,000	2000,000	5000,000	70,000	1000,000	30,000	50,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	200,000	100,000	50,000	70,000	150,000	100,000	200,000	200,000	150,000	150,000
BA-S	300,000	200,000	200,000	200,000	200,000	100,000	150,000	100,000	200,000	200,000
BE-S	-1,000	1,000	-1,000	1,000	7,000	-1,000	1,500	-1,000	1,500	2,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	100,000	50,000	100,000	200,000	5,000	30,000	-5,000	7,000	30,000
CR-S	100,000	200,000	50,000	100,000	70,000	10,000	70,000	30,000	70,000	70,000
CU-S	50,000	150,000	70,000	70,000	30,000	10,000	10,000	10,000	70,000	50,000
LA-S	50,000	30,000	20,000	20,000	150,000	30,000	150,000	70,000	50,000	50,000
MO-S	7,000	10,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	50,000	10,000
NB-S	20,000	20,000	20,000	20,000	20,000	10,000	20,000	20,000	20,000	20,000
NT-S	50,000	150,000	50,000	100,000	70,000	5,000	30,000	5,000	70,000	100,000
PB-S	50,000	50,000	NAO DET.	20,000	70,000	NAO DET.	50,000	-10,000	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	15,000	20,000	30,000	5,000	15,000	5,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	-100,000	100,000	-100,000	-100,000	-100,000
V-S	200,000	500,000	300,000	500,000	500,000	100,000	200,000	150,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	50,000	50,000	100,000	15,000	70,000	100,000	100,000	100,000
ZN-S	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZP-S	700,000	500,000	700,000	500,000	+1000,000	+1000,000	+1000,000	+1000,000	700,000	700,000
CU-AA	22,000	70,000	35,000	30,000	11,000	5,000	5,000	7,000	45,000	24,000
PB-AA	14,000	15,000	11,000	14,000	40,000	5,000	35,000	14,000	20,000	9,000
ZN-AA	27,000	75,000	60,000	70,000	45,000	14,000	19,000	14,000	45,000	70,000
AG-AA										
CO-AA										
VI-AA										
BT-AA										
CD-AA										
IF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS055	DAS056	LASC57	DAS058	DAS059	DAS060	DAS061	DAS062	DAS063	DAS064
NUM. CAMPO	ES0020	ES0021	ES0022	ES0023	ES0025	ES0026	ES0027	ES0028	ES0029	ES0030
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0405	0405	0418	0348	0190	0174	0164	0149	0156	0133
ORDENADA - Y	0374	0374	0369	0396	0328	0336	0336	0330	0326	0300
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	H	H	H	J	J	J	J	J	J
ID. COLETA	GM	GM	GM	GM	GS	GS	GS	GS	GS	GS
MAT. COLETA	AREA	AREA	AREA	AREA	AREA	ARGL	ARGL	CACL	ARGL	ARGL
PLUVIOSIDADE	B	B	B	B	A	B	B	B	B	A
TIPO VEGET.	C	C	C	C	A	C	C	C	C	C
SIT. TROP.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEND.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	1	1	3	6	3	2	2	4	2	1
PROFUND. RIO	0,3	0,3	0,4	2,0	0,5		0,4	0,4	0,4	0,4
VELOC. CORR.	0	0	0	0	0		0	0	0	0
NIVEL AGUA	0	0	0	0	0		0	0	0	0
AREA EPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0		0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APPED.	C	C	C	B	B	C	C	A	C	C
VOI. ORIGIN.										
PESQ. LAC.										
GRANULOMET.	BG	BG	BG	BD	AC	CG	CG	AB	CG	CG
TEXT. COEQU.	4221	4221	4221	10211	34211	3241	3241	4211	3241	3241
COR SEC./SL.	D	D	C	C	E	D	D	D	C	C
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS055 ES0020	DAS056 ES0021	DAS057 ES0022	DAS058 ES0023	DAS059 ES0025	DAS060 ES0026	DAS061 ES0027	DAS062 ES0028	DAS063 ES0029	DAS064 ES0030
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	1 30	1 31	1 30	1 30	2120	2120	2120	2120	2120	2220
PARAMETROS ANALITICOS										
FE-S %	1,500	1,000	1,000	2,000	15,000	10,000	7,000	15,000	15,000	10,000
MG-S %	0,100	0,100	0,150	0,150	0,300	0,500	0,300	0,500	0,500	0,500
CA-S %	0,050	0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,050	-0,050	-0,050
TI-S %	1,000	1,000	1,000	+1,000	0,700	1,000	0,700	0,500	+1,000	+1,000
MN-S	50,000	30,000	30,000	50,000	50,000	100,000	20,000	70,000	100,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	150,000	150,000	150,000	150,000	100,000	100,000	100,000	100,000	150,000	150,000
BA-S	300,000	200,000	200,000	200,000	300,000	300,000	300,000	300,000	300,000	300,000
BF-S	-1,000	-1,000	-1,000	1,500	1,500	2,000	2,000	1,500	3,000	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	-5,000	NAO DET.	-5,000	-5,000	7,000	15,000	10,000	5,000	30,000	30,000
CR-S	30,000	20,000	50,000	50,000	200,000	200,000	300,000	150,000	200,000	200,000
CU-S	5,000	5,000	10,000	30,000	100,000	100,000	100,000	100,000	70,000	70,000
LA-S	50,000	30,000	30,000	30,000	70,000	100,000	70,000	50,000	100,000	100,000
MO-S	-5,000	-5,000	-5,000	5,000	30,000	30,000	15,000	70,000	-5,000	-5,000
NB-S	20,000	20,000	20,000	20,000	15,000	15,000	15,000	15,000	20,000	20,000
NI-S	5,000	5,000	20,000	30,000	70,000	100,000	100,000	50,000	100,000	100,000
PB-S	NAO DET.	NAO DET.	NAO DET.	-10,000	100,000	100,000	100,000	70,000	100,000	100,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	-5,000	7,000	10,000	50,000	30,000	30,000	30,000	50,000	50,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	INTERFER.
SR-S	-100,000	-100,000	-100,000	-100,000	100,000	100,000	100,000	100,000	100,000	100,000
V-S	100,000	100,000	100,000	150,000	300,000	300,000	200,000	300,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	70,000	70,000	70,000	70,000	100,000	70,000	100,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1070,000	100,000	150,000	150,000	100,000	200,000	200,000
CU-AA	5,000	5,000	8,000	14,000	50,000	50,000	75,000	65,000	45,000	40,000
PB-AA	5,000	3,000	4,000	10,000	20,000	24,000	28,000	18,000	23,000	20,000
ZN-AA	9,000	8,000	13,000	35,000	35,000	55,000	55,000	23,000	55,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
YF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS065	DAS066	DAS067	DAS068	DAS069	DAS070	DAS071	DAS072	DAS073	DAS074
NUM. CAMPO	ES0031	ES0032	ES0033	ES0034	ES0035	ES0037	ES0038	ES0039	ES0040	ES0041
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0123	0124	0107	0105	0095	0214	0214	0205	0196	0190
ORDENADA - Y	0296	0303	0302	0306	0308	0307	0333	0270	0255	0262
UTM - LESTE										
UTM - NORTE										
MFR. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	J	J	J	J	J	J	J	J	J	J
TD. GEOLG.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
MAT. COLET.	ARGL	AREA	CSCL	ARGL	SILT	ARGL	ARGL	ARGL	ARGL	CSCL
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	B	C	A	A	C	C
SIT. TIPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO	1	2	3	1	1	3	2	1	2	6
PROFUND. RIO	0,4	0,4	1,0	0,4	0,3	1,0	0,8	1,0	1,0	1,5
VFLOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CON. AGUA										
GRAU ABREC.	C	B	A	C	C	D	D	D	B	A
VOL. CRIST.										
PESO CCNC.										
GRANULOMET.	CG	BD	AB	CM	CG	DM	DM	CM	BG	AD
TEXT. SEDIM.	3241	24211	43111	2251	2431	3151	2152	3151	22141	42 31
CON. SEC./SI.	C	C	C	C	D	E	D	I	D	I
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS065 ES0031	DAS066 ES0032	DAS067 ES0033	DAS068 ES0034	DAS069 ES0035	DAS070 ES0037	DAS071 ES0038	DAS072 ES0039	DAS073 ES0040	DAS074 ES0041
PARAMETROS ANALITICOS DE CAMPO										
EM CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2220	2220	2220	2220	2220	2120	2220	2220	2220
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	15,000	10,000	10,000	10,000	10,000	5,000	10,000	15,000
MG-S %	0,500	0,500	0,500	0,500	0,500	0,700	0,700	0,300	0,500	0,500
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,100	0,100
TI-S %	+1,000	1,000	1,000	+1,000	1,000	1,000	1,000	+1,000	+1,000	+1,000
MN-S	100,000	200,000	100,000	50,000	70,000	50,000	50,000	100,000	100,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	100,000	100,000	100,000	200,000	150,000	150,000
BA-S	300,000	300,000	300,000	300,000	300,000	300,000	300,000	500,000	500,000	500,000
BF-S	2,000	3,000	3,000	3,000	5,000	1,500	1,500	2,000	2,000	7,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	50,000	30,000	30,000	100,000	20,000	15,000	30,000	100,000	100,000
CR-S	200,000	200,000	200,000	300,000	300,000	300,000	300,000	100,000	150,000	150,000
CU-S	70,000	100,000	70,000	100,000	100,000	150,000	150,000	70,000	70,000	100,000
LA-S	100,000	100,000	100,000	150,000	100,000	100,000	70,000	150,000	100,000	100,000
MO-S	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	50,000	50,000	-5,000	NAO DET.	NAO DET.
VB-S	20,000	20,000	20,000	20,000	20,000	15,000	15,000	30,000	20,000	20,000
NI-S	100,000	100,000	100,000	100,000	150,000	100,000	100,000	70,000	150,000	100,000
PS-S	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	50,000	50,000	30,000	50,000	50,000	50,000	50,000	30,000	30,000	30,000
SN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
SP-S	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
V-S	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	100,000	70,000	150,000	100,000	100,000	70,000	100,000	100,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.
ZR-S	300,000	200,000	200,000	200,000	200,000	200,000	200,000	1000,000	300,000	300,000
CU-AA	45,000	45,000	45,000	40,000	45,000	55,000	60,000	29,000	40,000	40,000
PI-AA	26,000	23,000	23,000	26,000	27,000	20,000	20,000	23,000	30,000	30,000
ZN-AA	35,000	50,000	45,000	50,000	95,000	45,000	55,000	45,000	110,000	150,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TC-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS075 ES0042	DAS076 ES0043	DAS077 ES0044	DAS078 ES0045	DAS079 ES0046	DAS080 ES0047	DAS081 ES0048	DAS082 ES0049	DAS083 ES0050	DAS084 ES0051
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2220	2220	2221	2220	2220	2220	2220	2220	2220
PARAMETROS ANALITICOS										
FE-S %	20,000	15,000	20,000	15,000	15,000	10,000	3,000	10,000	2,000	10,000
MG-S %	0,500	0,500	0,700	0,500	0,500	0,500	0,200	0,200	0,100	0,200
CA-S %	0,050	0,070	0,050	0,070	0,100	0,050	0,050	0,050	-0,050	0,050
TI-S %	+1,000	+1,000	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	700,000	1000,000	500,000	500,000	700,000	700,000	150,000	1000,000	100,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	150,000	150,000	300,000	200,000	150,000	150,000
BA-S	300,000	500,000	500,000	500,000	500,000	500,000	300,000	300,000	200,000	300,000
BE-S	7,000	7,000	5,000	7,000	2,000	2,000	2,000	2,000	1,500	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	100,000	150,000	70,000	100,000	100,000	50,000	70,000	7,000	50,000
CR-S	200,000	100,000	200,000	150,000	300,000	200,000	100,000	150,000	70,000	150,000
CU-S	100,000	100,000	100,000	100,000	100,000	70,000	70,000	70,000	30,000	50,000
LA-S	100,000	100,000	150,000	100,000	100,000	150,000	100,000	100,000	70,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	-5,000	NAO DET.	-5,000	-5,000
NB-S	15,000	15,000	15,000	15,000	20,000	20,000	30,000	30,000	20,000	20,000
NI-S	100,000	70,000	150,000	70,000	100,000	100,000	70,000	70,000	50,000	70,000
PB-S	100,000	50,000	150,000	100,000	100,000	100,000	50,000	30,000	10,000	20,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	50,000	30,000	30,000	30,000	30,000	30,000	15,000	30,000
SN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	-10,000	INTERFER.	NAO DET.	INTERFER.
SR-S	150,000	150,000	200,000	200,000	100,000	100,000	100,000	100,000	100,000	100,000
V-S	300,000	300,000	300,000	300,000	300,000	300,000	200,000	300,000	150,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	100,000	70,000	100,000	100,000	150,000	100,000	50,000	150,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.
ZR-S	100,000	300,000	100,000	100,000	300,000	500,000	700,000	500,000	+1000,000	1000,000
CU-AA	55,000	45,000	55,000	50,000	40,000	35,000	24,000	29,000	15,000	21,000
PB-AA	34,000	34,000	35,000	30,000	30,000	28,000	18,000	19,000	15,000	10,000
ZN-AA	140,000	110,000	140,000	130,000	95,000	80,000	35,000	35,000	20,000	70,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS085	DAS086	DAS087	DAS088	DAS089	DAS090	DAS091	DAS092	DAS093	DAS094
NUM. CAMPO	ES0052	ES0053	ES0054	ES0055	ES0056	ES0057	ES0058	ES0059	ES0060	ES0061
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0227	0205	0226	0203	0254	0244	0227	0340	0344	0343
ORDENADA - Y	0175	0168	0179	0191	0189	0213	0221	0164	0165	0195
UTM - LESTE										
UTM - NORTE										
MFP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA FFC.	J	J	J	J	J	J	J	J	J	J
ID. GEOLG.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
MAT. COLT.	AREA	ARGL	CACL	SILT	ARGL	SILT	CACL	CACL	CACL	ARGL
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DFP. CCCCP.										
LARGURA RIO	4	2	2	4	3	1	3	3	5	1
PROFUND. RIO	0,6	0,4	0,6	0,3	0,6	0,3	0,4	0,5	0,8	0,4
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA										
GRAU AFPEC.	A	C	A	C	C	D	A	A	A	D
VOL. ORIGIN.										
PESO COAC.										
GRANULOMET.	AB	BC	AB	BC	CC	DM	AB	AB	AB	LM
TEXT. SEDIM.	45 1	22141	621 1	12421	3241	1531	531 1	63 1	43111	3151
COP. SEC./SL.	A	I	C	C	I	I	C	C	C	I
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS085 ES0052	DAS086 ES0053	DAS087 ES0054	DAS088 ES0055	DAS089 ES0056	DAS090 ES0057	DAS091 ES0058	DAS092 ES0059	DAS093 ES0060	DAS094 ES0061
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2220	2220	2220	2220	2220	2220	2220	2220	2220
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	10,000	10,000	10,000	2,000	15,000	10,000	10,000	15,000
MG-S %	0,150	0,500	0,200	0,300	0,150	0,200	0,700	0,200	0,200	0,700
CA-S %	-0,050	-0,050	0,050	0,050	0,070	-0,050	0,300	0,100	0,070	0,200
TI-S %	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000
MN-S	1500,000	700,000	2000,000	3000,000	500,000	100,000	2000,000	1000,000	1500,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	150,000	100,000	150,000	200,000	200,000	500,000	100,000	150,000	150,000	150,000
BA-S	200,000	300,000	300,000	500,000	300,000	300,000	300,000	300,000	300,000	300,000
BF-S	2,000	5,000	5,000	3,000	3,000	2,000	1,500	7,000	5,000	1,500
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	50,000	50,000	50,000	50,000	30,000	20,000	100,000	50,000	100,000	70,000
CR-S	70,000	150,000	100,000	150,000	100,000	70,000	300,000	100,000	200,000	300,000
CU-S	50,000	50,000	50,000	50,000	70,000	20,000	100,000	50,000	70,000	200,000
LA-S	70,000	100,000	100,000	100,000	70,000	200,000	100,000	100,000	70,000	100,000
MO-S	-5,000	-5,000	5,000	-5,000	5,000	-5,000	-5,000	-5,000	-5,000	-5,000
NB-S	20,000	20,000	20,000	20,000	30,000	30,000	20,000	20,000	30,000	20,000
NI-S	70,000	70,000	70,000	100,000	100,000	70,000	200,000	100,000	100,000	200,000
PB-S	10,000	50,000	30,000	15,000	10,000	50,000	50,000	50,000	30,000	20,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	30,000	30,000	20,000	20,000	50,000	30,000	30,000	50,000
SN-S	NAO DET.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	-10,000	INTERFER.	NAO DET.	NAO DET.	NAO DET.
SP-S	100,000	100,000	100,000	100,000	-100,000	100,000	100,000	100,000	-100,000	100,000
V-S	150,000	200,000	200,000	200,000	300,000	200,000	500,000	200,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	70,000	100,000	100,000	150,000	100,000	100,000	70,000	100,000
ZN-S	NAO DET.	INTERFER.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
ZR-S	700,000	200,000	1000,000	1000,000	500,000	700,000	500,000	300,000	500,000	500,000
CU-AA	18,000	26,000	22,000	26,000	40,000	17,000	65,000	26,000	40,000	80,000
PB-AA	7,000	6,000	13,000	12,000	20,000	14,000	20,000	11,000	13,000	12,000
ZN-AA	65,000	100,000	75,000	85,000	50,000	28,000	65,000	75,000	80,000	70,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORPENTE

NUM. LAB.	DAS095	DAS096	DAS097	DAS098	DAS099	DAS100	DAS101	DAS102	DAS103	DAS104
NUM. CAMPO	ES0062	ES0063	ES0064	ES0065	ES0066	ES0067	ES0068	ES0069	PS0001	PS0002
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVINCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	09/77	03/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0339	0363	0366	0366	0350	0338	0334	0326	0410	0415
ORDENADA - Y	0184	0175	0174	0174	0155	0127	0128	0152	0500	0427
UTM - FUSO										
UTM - ALTEZ.										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA FCG.	J	J	J	J	J	J	J	J	J	J
ID. GEOLOG.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
MAT. COLET.	CSCL	CSCL	CSCL	CSCL	CSCL	AREA	AREA	AREA	ALUV	ALJV
PLUVIOCIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	3	3	3	3	7	5	3	2	3	4
PROFUND. RIO	0,4	0,5	0,5	0,5	0,6	1,0	0,6	0,3		
VELOC. CORR.	0	0	0	0	0	0	0	0		
NIVEL AGUA	0	0	0	0	0	0	0	0		
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0		
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.	A	A	A	A	A	B	C	B		
VOL. CEFIGN.										
PESO CONC.										
GRANULOMET.	AB	AB	AB	AB	AB	BC	BC	BC		
TEXT. SEDIM.	52111	52111	531 1	531 1	63 1	36 1	7111	34111		
COR SED. / SL.	1	C	1	1	C	1	1	1		
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS095 ES0062	DAS096 ES0063	DAS097 ES0064	DAS098 ES0065	DAS099 ES0066	DAS100 ES0067	DAS101 ES0068	DAS102 ES0069	DAS103 PS0001	DAS104 PS0002
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TCTAL										
CODIF. LIVRE	2220	2220	2220	2221	28 0	2310	2310	2310	7510	7510
PARAMETROS ANALITICOS										
FE-S %	15,000	20,000	15,000	15,000	15,000	15,000	5,000	20,000	5,000	3,000
MG-S %	0,500	0,700	0,300	0,300	0,500	0,300	0,100	0,200	0,070	0,070
CA-S %	0,070	0,300	0,150	0,150	0,300	0,100	0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	0,700	0,700
MY-S	1500,000	+5000,000	2000,000	2000,000	2000,000	3000,000	200,000	1500,000	70,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	150,000	70,000	100,000	100,000	50,000	150,000	200,000	150,000	70,000	70,000
BA-S	300,000	300,000	300,000	300,000	200,000	200,000	150,000	300,000	150,000	200,000
BE-S	1,500	1,500	5,000	5,000	1,000	2,000	2,000	5,000	1,500	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	300,000	70,000	70,000	100,000	100,000	15,000	200,000	15,000	20,000
CR-S	200,000	500,000	150,000	150,000	150,000	150,000	50,000	100,000	70,000	70,000
CU-S	100,000	100,000	100,000	100,000	100,000	100,000	30,000	100,000	10,000	5,000
LA-S	100,000	50,000	100,000	100,000	50,000	50,000	70,000	100,000	150,000	100,000
MO-S	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.
NR-S	20,000	10,000	20,000	20,000	15,000	15,000	15,000	15,000	15,000	15,000
NI-S	300,000	300,000	200,000	200,000	300,000	300,000	50,000	100,000	30,000	30,000
PB-S	20,000	70,000	10,000	30,000	30,000	10,000	-10,000	70,000	70,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	50,000	30,000	30,000	30,000	30,000	30,000	10,000	30,000	INTERFER.	INTERFER.
SN-S	NAO DET.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	100,000	100,000	100,000	-100,000	-100,000	-100,000	-100,000	NAO DET.	NAO DET.
V-S	500,000	700,000	500,000	500,000	700,000	500,000	100,000	200,000	150,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	100,000	100,000	70,000	70,000	70,000	100,000	50,000	50,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	NAO DET.	NAO DET.
ZR-S	500,000	200,000	500,000	500,000	500,000	1000,000	+1000,000	1000,000	+1000,000	+1000,000
CU-AA	50,000	65,000	45,000	40,000	40,000	35,000	13,000	35,000	16,000	10,000
PB-AA	12,000	18,000	10,000	9,000	14,000	11,000	8,000	20,000	30,000	23,000
ZN-AA	95,000	100,000	60,000	70,000	70,000	140,000	90,000	120,000	90,000	55,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS105	DAS106	DAS107	DAS108	DAS109	DAS110	DAS111	DAS112	DAS113	DAS114
NUM. CAMPO	PS0003	PS0004	PS0005	PS0006	PS0007	PS0008	PS0009	PS0010	PS0011	PS0013
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	1	1	1	1	1	1	1	1	1	1
PASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	09/77	09/77	09/77	09/77	09/77	09/77	09/77	09/77	09/77	09/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0424	0439	0456	0470	0481	0491	0512	0456	0500	0400
ORDENADA - Y	0491	0539	0530	0537	0537	0532	0542	0511	0491	0490
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	E	E	E	E	E	E	E	E	E	E
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.										
FORMA IGAEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	5	10	4	5	5	4	6	5	3	4
PROFUND. RIO										
VELOC. COCCR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARREC.										
VOL. COLETA										
PESO CONC.										
GRANULOMET.										
TEST. QUIM.										
COP SEC./SL.										
HORIZ. SOLO										
TIPO SOLO										

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SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS105 PS0003	DAS106 PS0004	DAS107 PS0005	DAS108 PS0006	DAS109 PS0007	DAS110 PS0008	DAS111 PS0009	DAS112 PS0010	DAS113 PS0011	DAS114 PS0013
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	7510	7510	7510	7510	7510	7510	7510	7510	7510	7510
PARAMETROS ANALITICOS										
FE-S %	5,000	1,000	5,000	1,500	0,700	3,000	5,000	10,000	2,000	+0,700
MG-S %	0,070	0,030	0,070	0,070	0,070	0,070	0,070	0,150	0,070	0,070
CA-S %	-0,050	-0,050	-0,050	0,100	-0,050	-0,050	0,050	-0,050	-0,050	-0,050
TI-S %	0,700	0,700	0,300	0,700	0,700	0,700	0,700	0,700	+1,000	0,700
MN-S	300,000	150,000	5000,000	300,000	30,000	300,000	700,000	70,000	150,000	30,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	30,000	50,000	70,000	70,000	70,000	70,000	100,000	70,000	70,000
PA-S	150,000	70,000	200,000	150,000	100,000	100,000	150,000	200,000	150,000	100,000
BF-S	1,500	-1,000	5,000	1,500	-1,000	1,000	1,500	1,500	1,000	-1,000
BT-S	NAO DET.	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	10,000	200,000	20,000	5,000	20,000	30,000	10,000	7,000	5,000
CR-S	70,000	15,000	50,000	30,000	20,000	50,000	30,000	70,000	30,000	30,000
CU-S	5,000	-5,000	7,000	50,000	-5,000	70,000	30,000	20,000	30,000	-5,000
LA-S	70,000	30,000	50,000	100,000	100,000	70,000	100,000	100,000	70,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.
NR-S	15,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	15,000
NI-S	30,000	7,000	30,000	30,000	5,000	30,000	30,000	30,000	15,000	7,000
PB-S	15,000	-10,000	30,000	15,000	NAO DET.	10,000	10,000	70,000	15,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	-5,000	10,000	7,000	-5,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	-5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	50,000	50,000	70,000	70,000	100,000	150,000	200,000	150,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	20,000	30,000	50,000	50,000	50,000	50,000	70,000	50,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	700,000	700,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	12,000	10,000	17,000	40,000	6,000	22,000	27,000	16,000	23,000	5,000
PB-AA	14,000	7,000	40,000	14,000	14,000	13,000	18,000	14,000	18,000	7,000
ZN-AA	50,000	20,000	50,000	28,000	8,000	40,000	60,000	40,000	55,000	13,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS115	DAS116	DAS117	DAS118	DAS119	DAS120	DAS121	DAS122	DAS123	DAS124
NUM. CAMPO	PS0014	PS0016	PS0017	PS0018	PS0019	PS0020	PS0021	PS0022	PS0023	PS0024
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270		270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0384	0283	0260	0287	0304	0337	0310	0310	0324	0336
ORDENADA - Y	0438	0328	0360	0365	0358	0361	0320	0320	0297	0275
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLÓG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	R	B	B	B	B	B	B	B	B	B
TIPO VEGET.	E	E	E	E	E	E	E	E	E	E
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	13	4	3	3	2	1	2	1	3	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUBO. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU APREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	1711	15112	34111	15112			33112	15112	6112	5112
COR. SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS115 PS0014	DAS116 PS0016	DAS117 PS0017	DAS118 PS0018	DAS119 PS0019	DAS120 PS0020	DAS121 PS0021	DAS122 PS0022	DAS123 PS0023	DAS124 PS0024
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	7510	21 0	1 10	1 10	1 10	21 0	2120	2121	21 0	22 0
PARAMETROS ANALITICOS										
FE-S %	1,500	3,000	10,000	7,000	0,700	1,000	5,000	1,500	5,000	3,000
MG-S %	0,070	0,200	0,300	0,100	0,150	0,100	0,150	0,300	0,150	0,150
CA-S %	0,070	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TT-S %	0,700	0,700	0,700	0,700	+1,000	0,700	0,300	0,700	0,700	1,000
MN-S	150,000	70,000	50,000	70,000	70,000	30,000	20,000	50,000	70,000	150,000
AG-S	NAO DET.	-0,500	-0,500	NAO DET.	NAO DET.	NAO DET.	-0,500	1,000	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	100,000	70,000	150,000	100,000	70,000	150,000	70,000	70,000
EA-S	70,000	300,000	300,000	150,000	200,000	150,000	150,000	300,000	150,000	200,000
BF-S	-1,000	1,500	1,500	1,000	-1,000	-1,000	1,500	2,000	1,500	1,500
BI-S	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.	-10,000	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	7,000	10,000	10,000	15,000	10,000	7,000	15,000	10,000	15,000	20,000
CR-S	20,000	70,000	100,000	70,000	70,000	70,000	100,000	100,000	70,000	70,000
CU-S	-5,000	70,000	100,000	7,000	10,000	7,000	50,000	200,000	100,000	150,000
LA-S	50,000	70,000	70,000	70,000	50,000	50,000	50,000	70,000	50,000	50,000
MO-S	NAO DET.	30,000	70,000	5,000	7,000	10,000	30,000	50,000	7,000	5,000
NB-S	15,000	15,000	15,000	15,000	20,000	15,000	10,000	15,000	15,000	15,000
NI-S	10,000	70,000	70,000	20,000	30,000	30,000	50,000	70,000	70,000	70,000
PB-S	NAO DET.	70,000	70,000	10,000	15,000	-10,000	70,000	100,000	70,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	15,000	20,000	15,000	15,000	10,000	20,000	50,000	30,000	30,000
SN-S	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	-10,000
SR-S	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	-100,000
V-S	50,000	200,000	200,000	200,000	100,000	100,000	150,000	150,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	50,000	70,000	50,000	50,000	50,000	50,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	500,000	150,000	700,000	1000,000	500,000	150,000	150,000	100,000	150,000
CU-AA	8,000	40,000	40,000	14,000	22,000	17,000	80,000	140,000	85,000	120,000
PB-AA	4,000	18,000	18,000	7,000	14,000	7,000	35,000	30,000	21,000	20,000
ZN-AA	23,000	65,000	30,000	40,000	22,000	23,000	120,000	45,000	65,000	60,000
AG-AA										
CC-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE										
NUM. LAB. NUM. CAMPO	DAS115 PS0014	DAS116 PS0016	DAS117 PSC017	DAS118 PS0018	DAS119 PS0019	DAS120 PS0020	DAS121 PS0021	DAS122 PS0022	DAS123 PS0023	DAS124 PS0024
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SO-AA										
MO-AA	NAO DET.	15,000	40,000	2,000	2,000	4,000	35,000	15,000	4,000	2,000
W-AA										
AS-CCL	-10,000	10,000	40,000	40,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000
SB-CCL	NAO DET.	-1,000	1,000	-1,000	-1,000	-1,000	1,000	NAO DET.	-1,000	-1,000
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	80,000	160,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS125	DAS126	DAS127	DAS128	DAS129	DAS130	DAS131	DAS132	DAS133	DAS134
NUM. CAMPO	PS0025	PS0026	PS0027	PS0028	PS0029	PS0030	PS0031	PS0032	PS0033	PS0034
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSIC	270	270	270	270	270	270	270	270	270	270
PRCCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0327	0341	0337	0333	0348	0355	0381	0387	0392	0399
ORDENADA - Y	0267	0252	0245	0220	0250	0258	0232	0261	0260	0000
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	J	J	J	X	J	J
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	C	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	1	4	1	4	3	2		2	3	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGEM.										
PESO CENC.										
GRANULOMET.										
TEXT. SEDIM.										
CON. SED./SL.										
HORIZ. SCLD										
TIPO SCLD										
	7111	6121	6121	33121	33112	12121	24121			24121

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICYCO	DAS125 PS0025	DAS126 PS0026	DAS127 PS0027	DAS128 PS0028	DAS129 PS0029	DAS130 PS0030	DAS131 PS0031	DAS132 PS0032	DAS133 PS0033	DAS134 PS0034
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
COEF. LIVRE	2220	22 0	22 0	22 0	22 0	22 0	22 0	22 0	22 0	22 0
PARAMETROS ANALITICOS										
FE-S %	3,000	3,000	2,000	10,000	7,000	5,000	5,000	7,000	3,000	10,000
MG-S %	0,200	0,200	0,150	0,300	0,150	0,200	0,150	0,150	0,200	0,300
CA-S %	-0,050	0,070	-0,050	0,100	-0,050	-0,050	0,050	0,070	-0,050	0,150
TI-S %	0,700	+1,000	+1,000	1,000	+1,000	0,700	+1,000	+1,000	1,000	+1,000
MN-S	100,000	150,000	200,000	500,000	500,000	150,000	200,000	300,000	150,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	70,000	70,000	70,000	70,000	100,000	70,000	100,000	30,000
BA-S	200,000	300,000	200,000	300,000	200,000	200,000	200,000	200,000	200,000	150,000
BE-S	5,000	1,500	1,500	1,500	3,000	1,000	1,500	2,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	30,000	50,000	50,000	30,000	20,000	30,000	30,000	20,000	100,000
CR-S	70,000	70,000	70,000	150,000	70,000	150,000	150,000	100,000	200,000	300,000
CU-S	70,000	50,000	20,000	50,000	30,000	50,000	20,000	70,000	70,000	10,000
LA-S	100,000	70,000	70,000	100,000	70,000	100,000	100,000	100,000	100,000	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	20,000	NAO DET.	-5,000	5,000	NAO DET.
NB-S	15,000	20,000	20,000	15,000	15,000	15,000	20,000	20,000	15,000	-10,000
NI-S	70,000	70,000	70,000	100,000	70,000	70,000	70,000	70,000	70,000	100,000
PB-S	70,000	50,000	15,000	70,000	20,000	50,000	50,000	50,000	70,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	15,000	30,000	15,000	30,000	20,000	30,000	30,000	20,000
SN-S	-10,000	10,000	15,000	NAO DET.	NAO DET.	-10,000	-10,000	INTERFER.	10,000	NAO DET.
SR-S	-100,000	NAO DET.	NAO DET.	-100,000	NAO DET.	-100,000	NAO DET.	NAO DET.	100,000	NAO DET.
V-S	200,000	150,000	150,000	200,000	200,000	150,000	150,000	200,000	150,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	70,000	50,000	50,000	70,000	70,000	70,000	70,000	20,000
ZN-S	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	200,000	300,000	150,000	200,000	200,000	300,000	200,000	150,000	150,000
CU-AA	70,000	45,000	30,000	50,000	50,000	55,000	28,000	55,000	55,000	35,000
PR-AA	16,000	13,000	16,000	16,000	16,000	18,000	14,000	14,000	21,000	7,000
ZN-AA	180,000	65,000	35,000	60,000	60,000	65,000	45,000	75,000	45,000	50,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS135	DAS136	DAS137	DAS138	DAS139	DAS140	DAS141	DAS142	DAS143	DAS144
NUM. CAMPO	PS0035	PS0036	PS0037	PS0038	PS0039	PS0040	PS0041	PS0042	PS0043	PS0044
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0391	0390	0399	0396	0402	0434	0434	0422	0416	0456
ORDENADA - Y	0221	0207	0181	0177	0196	0257	0257	0241	0239	0162
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	B	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	X	J	J	J	J	J	J	J	J	J
TO. GEOLOG.										
MAT. COLETA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO	2	6	2	6	3	3	3	3	2	2
PROFUND. RIO										
VFLUC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
PUS. CLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. TRIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	34111	25111	15121	34111	33121	6121	6121	6121	4132	7111
COR SED./SL.										
HORIZ. SCIO										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMR. BICTICO	DAS135 PS0035	DAS136 PS0036	DAS137 PS0037	DAS138 PS0038	DAS139 PS0039	DAS140 PS0040	DAS141 PS0041	DAS142 PS0042	DAS143 PS0043	DAS144 PS0044
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	22 0	28 0	2820	2830	28 0	28 0	23 0	22 0	22 0	2 0
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	10,000	10,000	15,000	15,000	10,000	10,000	7,000	10,000
MG-S %	0,200	0,200	0,150	0,500	0,150	0,300	0,300	0,300	0,300	0,100
CA-S %	0,050	0,070	0,070	0,300	0,070	0,050	-0,050	0,100	0,070	0,070
TI-S %	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
ZN-S	700,000	300,000	300,000	500,000	500,000	300,000	300,000	700,000	700,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	100,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000
BA-S	300,000	200,000	300,000	270,000	300,000	200,000	300,000	200,000	300,000	100,000
BE-S	2,000	2,000	3,000	1,500	2,000	1,500	2,000	1,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	30,000	50,000	70,000	100,000	70,000	70,000	70,000	50,000	30,000
CR-S	100,000	100,000	150,000	150,000	150,000	100,000	70,000	100,000	70,000	100,000
CU-S	10,000	50,000	20,000	100,000	30,000	150,000	150,000	100,000	100,000	-5,000
LA-S	100,000	70,000	100,000	50,000	100,000	150,000	150,000	150,000	100,000	20,000
MO-S	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	5,000	7,000	-5,000	-5,000	NAO DET.
NR-S	70,000	15,000	20,000	15,000	15,000	15,000	15,000	15,000	15,000	10,000
NI-S	70,000	70,000	70,000	100,000	70,000	100,000	100,000	70,000	70,000	50,000
PB-S	50,000	20,000	15,000	15,000	15,000	70,000	70,000	30,000	70,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	20,000	20,000	20,000	30,000	30,000	30,000	20,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	100,000	NAO DET.	NAO DET.	100,000	100,000	NAO DET.	-100,000	NAO DET.	-100,000	NAO DET.
V-S	150,000	200,000	200,000	300,000	200,000	300,000	300,000	300,000	200,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	70,000	100,000	100,000	100,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	200,000	-200,000	NAO DET.
ZP-S	200,000	200,000	200,000	150,000	150,000	200,000	200,000	300,000	150,000	150,000
CU-AA	26,000	75,000	35,000	100,000	45,000	75,000	75,000	75,000	60,000	13,000
PB-AA	18,000	13,000	-3,000	4,000	-3,000	20,000	18,000	20,000	18,000	-3,000
ZN-AA	60,000	80,000	45,000	70,000	35,000	110,000	130,000	95,000	90,000	9,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
LI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAS145	DAS146	DAS147	DAS148	DAS149	DAS150	DAS151	DAS152	DAS153	DAS154
NUM. LAB.	PS0045	PS0047	PS0048	PS0049	PS0050	PS0051	PS0052	PS0053	PS0054	PS0055
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CLSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0458	0485	0530	0528	0511	0493	0493	0486	0450	0452
ORDENADA - Y	0145	0261	0175	0482	0180	0177	0174	0188	0263	0255
UTM - LFSTE										
UTM - NORTE										
MFP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

	S	S	S	S	S	S	S	S	S	S
CLAS. AMOST.	A	A	A	A	A	A	A	A	A	A
TIPO AMOST.	L	L	L	L	L	L	L	L	L	L
FONTE AMOST.	J	J	J	J	J	J	J	J	J	J
ROCHA REC.										
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TCPOC.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOP.										
LARGURA RIO	3	3	6	13	4	2	12	4	3	7
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	36	34111	24112	34111	24112	7111	36	7111	6121	5221
COR SEC./SL.										
HORIZ. SCLC										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS145 PS0045	DAS146 PS0047	DAS147 PS0048	DAS148 PS0049	DAS149 PS0050	DAS150 PS0051	DAS151 PS0052	DAS152 PS0053	DAS153 PS0054	DAS154 PS0055
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2 0	22 0	2 0	28 0	22 0	22 0	22 0	28 0	28,0	23 0
PARAMETROS ANALITICOS										
FE-S %	15,000	10,000	15,000	5,000	2,000	5,000	7,000	5,000	10,000	5,000
MG-S %	0,500	0,300	0,500	0,300	0,200	0,150	0,200	0,150	0,300	0,150
CA-S %	0,300	0,100	0,500	0,100	0,070	0,150	0,050	0,020	0,050	0,150
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	700,000	1500,000	700,000	3000,000	500,000	150,000	1000,000	1500,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	15,000	70,000	20,000	70,000	70,000	70,000	70,000	70,000	30,000	50,000
BA-S	200,000	300,000	200,000	150,000	200,000	150,000	150,000	150,000	150,000	100,000
BF-S	-1,000	2,000	1,500	1,000	7,000	1,000	1,500	1,500	1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	150,000	70,000	100,000	30,000	200,000	30,000	30,000	50,000	70,000	30,000
CR-S	300,000	100,000	150,000	70,000	70,000	70,000	100,000	70,000	150,000	70,000
CU-S	50,000	100,000	150,000	30,000	50,000	20,000	100,000	50,000	30,000	10,000
LA-S	20,000	150,000	50,000	50,000	100,000	70,000	100,000	70,000	30,000	30,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	15,000	10,000	15,000	15,000	15,000	10,000	15,000
NI-S	100,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000
PI-S	10,000	70,000	-10,000	-10,000	-10,000	NAO DET.	50,000	-10,000	10,000	-10,000
PS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	20,000	15,000	15,000	15,000	20,000	15,000	15,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	100,000	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.
V-S	300,000	200,000	300,000	200,000	150,000	150,000	200,000	150,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	50,000	50,000	70,000	70,000	70,000	70,000	70,000	50,000
ZN-S	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	150,000	100,000	200,000	100,000	500,000	150,000	300,000	200,000	500,000
CU-AA	60,000	75,000	110,000	30,000	55,000	20,000	70,000	50,000	40,000	23,000
PB-AA	5,000	20,000	4,000	4,000	-3,000	5,000	18,000	7,000	7,000	5,000
ZN-AA	50,000	130,000	60,000	55,000	22,000	45,000	120,000	55,000	70,000	30,000
AG-AA										
CO-AA										
NI-AA										
HI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS155	DAS156	DAS157	DAS158	DAS159	DAS160	DAS161	DAS162	DAS163	DAS164
NUM. CAMPO	PS0057	PS0058	PS0059	PS0060	PS0061	PS0062	PS0064	PS0065	PS0066	PS0067
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0448	0445	0450	0445	0445	0452	0447	0496	0492	0459
ORDENACA - Y	0218	0202	0197	0191	0191	0183	0177	0350	0352	0331
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	J	J	J	J	J	J	J	J	J
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOMETR.	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	12	2	3	3	3	12	2	3	2	1
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU ABRID.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	36 1	27 1	16111	25111	27 1	36 1	35 11			
CON. SEDIM.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMD. QUANTICO	DAS155 PS0057	DAS156 PS0058	DAS157 PS0059	DAS158 PS0060	DAS159 PS0061	DAS160 PS0062	DAS161 PS0064	DAS162 PS0065	DAS163 PS0066	DAS164 PS0067
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	20 0	23 0	20 0	22 0	28 0	28 0	28 0	2A 0	2A 0	13 0
PARAMETROS ANALITICOS										
FE-S %	7,000	5,000	7,000	10,000	10,000	10,000	15,000	15,000	15,000	1,500
MG-S %	0,200	0,150	0,150	0,200	0,700	0,500	0,700	0,700	0,300	3,150
CA-S %	0,200	0,150	0,150	0,150	0,300	0,200	1,000	0,500	0,070	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	1,000
MN-S	1500,000	500,000	700,000	1500,000	1000,000	1000,000	1500,000	700,000	200,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	70,000	70,000	70,000	30,000	30,000	-10,000	30,000	50,000	70,000
BA-S	150,000	150,000	150,000	150,000	200,000	150,000	70,000	150,000	200,000	150,000
BE-S	1,500	-1,000	-1,000	-1,000	1,000	-1,000	-1,000	3,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	30,000	50,000	100,000	70,000	70,000	70,000	70,000	15,000	7,000
CR-S	100,000	70,000	70,000	200,000	200,000	200,000	200,000	70,000	70,000	50,000
CU-S	30,000	30,000	30,000	20,000	30,000	10,000	70,000	200,000	150,000	70,000
LA-S	50,000	30,000	70,000	30,000	50,000	50,000	NAO DET.	100,000	70,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	20,000	50,000	10,000
NB-S	15,000	15,000	15,000	10,000	15,000	-10,000	15,000	15,000	10,000	15,000
NI-S	70,000	50,000	70,000	70,000	70,000	100,000	70,000	150,000	70,000	30,000
PI-S	10,000	-10,000	-10,000	-10,000	15,000	-10,000	15,000	20,000	50,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	30,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	170,000	-100,000	NAO DET.	NAO DET.
V-S	200,000	150,000	150,000	300,000	150,000	300,000	300,000	300,000	300,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	70,000	50,000	70,000	30,000	30,000	100,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	300,000	NAO DET.	NAO DET.
ZR-S	150,000	500,000	500,000	100,000	100,000	150,000	100,000	150,000	200,000	700,000
CU-AA	35,000	35,000	40,000	40,000	55,000	30,000	75,000	130,000	70,000	35,000
PB-AA	5,000	5,000	7,000	5,000	5,000	7,000	7,000	9,000	11,000	9,000
ZN-AA	50,000	40,000	40,000	35,000	50,000	70,000	40,000	300,000	60,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 147

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAS155 PS0057	DAS156 PS0058	DAS157 PS0059	DAS158 PS0060	DAS159 PS0061	DAS160 PS0062	DAS161 PS0064	DAS162 PS0065	DAS163 PS0066	DAS164 PS0067
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA										
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	15,000	30,000	5,000
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	-10,000
SB-CCL	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	2,000	-1,000
CXCU-CCL										
MET PES										
CU-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	40,000	40,000	-10,000

SEDIMENTOS DE CORRENTE

MUN. LAB.	DAS165	DAS166	DAS167	DAS168	DAS169	DAS170	DAS171	DAS172	DAS173	DAS174
NUM. CAMPO	PS0068	PS0069	PS0070	PS0071	PS0072	PS0073	PS0074	PS0075	CF0001	CF0003
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA-21-X-D-VI-1	SA-21-X-D-VI-1
BASE CART.	1	1	1	1	1	1	1	1		
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	03/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0455	0478	0493	0439	0454	0452	0459	0463	0145	0110
ORDENADA - Y	0381	0234	0268	0355	0353	0349	0340	0338	0554	0550
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
FOCHA REG.	J	J	J	J	J	J	J	X	X	G
ID. CECLOG.										GI
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	AREA
PLUVIOSIDADE	B	B		B	B	B	B	B	B	A
TIPO VEGET.	B	B		B	B	B	B	B	B	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA TERA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENS.										
TIPO AI TER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	1	3	2	1	3	5	5	4		
PROFUND. RIO									1,5	1,5
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. CELTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGIN.										
QFSO COAC.										
GRANULOMET.										
TEXT. SEDIM.		9 1	10111					2251	2251	
COR SEC./SL.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS165 PS0068	DAS166 PS0069	DAS167 PS0070	DAS168 PS0071	DAS169 PS0072	DAS170 PS0073	DAS171 PS0074	DAS172 PS0075	DAS173 CF0001	DAS174 CF0003
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	10 0	2220	22 0	2120	2A20	2120	2A 0	2A 0	7510	7510
PARAMETROS ANALITICOS										
FE-S %	1,000	5,000	15,000	15,000	10,000	3,000	5,000	15,000	0,500	1,500
MG-S %	0,150	0,200	0,200	0,150	0,200	0,200	0,200	0,200	0,030	0,030
CA-S %	-0,050	-0,050	-0,050	0,050	0,100	0,070	0,150	0,070	-0,050	-0,050
TI-S %	1,000	+1,000	+1,000	0,500	+1,000	1,000	+1,000	+1,000	0,300	0,300
MN-S	70,000	200,000	200,000	500,000	500,000	150,000	500,000	500,000	30,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	70,000	70,000	50,000	70,000	70,000	50,000	70,000	30,000
BA-S	150,000	300,000	300,000	300,000	200,000	300,000	200,000	150,000	150,000	150,000
BE-S	-1,000	1,500	1,000	3,000	1,500	1,500	1,500	-1,000	1,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	30,000	20,000	70,000	70,000	20,000	70,000	30,000	7,000	20,000
CR-S	30,000	100,000	100,000	70,000	70,000	70,000	70,000	100,000	15,000	30,000
CU-S	20,000	30,000	100,000	150,000	150,000	30,000	150,000	200,000	5,000	7,000
LA-S	70,000	70,000	70,000	50,000	50,000	50,000	100,000	70,000	70,000	70,000
MO-S	5,000	NAO DET.	-5,000	10,000	7,000	7,000	7,000	30,000	NAO DET.	NAO DET.
NB-S	10,000	15,000	15,000	-10,000	10,000	15,000	10,000	15,000	10,000	10,000
NI-S	20,000	70,000	70,000	100,000	100,000	50,000	70,000	70,000	15,000	15,000
PB-S	NAO DET.	30,000	50,000	30,000	-10,000	10,000	-10,000	20,000	NAO DET.	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	7,000	20,000	30,000	15,000	15,000	10,000	15,000	20,000	5,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	50,000	150,000	200,000	150,000	200,000	100,000	150,000	300,000	30,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	70,000	70,000	100,000	70,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	200,000	-200,000	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	300,000	150,000	150,000	200,000	500,000	300,000	200,000	700,000	700,000
CU-AA	20,000	23,000	55,000	60,000	80,000	18,000	75,000	85,000	6,000	10,000
PB-AA	7,000	18,000	18,000	14,000	13,000	7,000	9,000	13,000	10,000	23,000
ZN-AA	35,000	45,000	65,000	110,000	130,000	45,000	130,000	80,000	28,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE COPRENTE

NUM. LAB.	DAS175	DAS176	DAS177	DAS178	DAS179	DAS180	DAS181	DAS182	DAS183	DAS184
NUM. CAMPO	CF0006	CF0007	CF0008	CF0011	CF0012	CF0013	CF0015	CF0016	CF0018	CF0020
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	PB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	09/77	09/77	09/77	09/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0060	0200	0200	0082	0091	0092	0114	0138	0150	0156
ORDENACA - Y	0552	0438	0455	0490	0479	0465	0462	0454	0472	0449
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	H	H	G	G	G	G	G	G	G
ID. GEOLG.	GI		GH	GM	GM	GM	GM	GM	GM	GM
MAT. COLT.	AREA	SILT	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	C	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO		10	10	4	4	4	2	2	2	3
PROFUND. RIO	2,0	3,0	3,0	1,0	1,0	2,0	2,0	2,0	0,5	3,0
VFLOC. CORR.		1	1							
NIVEL AGUA		1	1							
AREA DRENAG.	2	3	1	1	1	1	1	1	1	1
TURB. AGUA		2	2							
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA		C	C							
GRAU APREC.										
VOL. ORIGIN.										
PTSD. COAC.										
GRANULOMET.										
TEXT. SEDIM.										
CON. SEC. / SL.										
HORIZ. SED.										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS175 CF0006	DAS176 CF0007	DAS177 CF0008	DAS178 CF0011	DAS179 CF0012	DAS180 CF0013	DAS181 CF0015	DAS182 CF0016	DAS183 CF0018	DAS184 CF0020
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			5,0							
METAL TOTAL										
CODIF. LIVRE	7E30	7E30	7E30	7E30	7E30	7E30	7E30	7E30	7E30	7E30
PARAMETROS ANALITICOS										
FF-S %	5,000	0,700	0,300	1,500	1,000	1,000	0,700	1,000	1,500	0,500
MG-S %	0,030	0,050	0,030	0,100	0,050	0,070	0,020	0,070	0,070	0,050
CA-S %	-0,050	-0,050	-0,050	0,050	-0,050	0,050	-0,050	-0,050	0,070	-0,050
TI-S %	0,500	0,700	0,500	0,700	0,300	0,500	0,300	0,700	0,700	0,200
MN-S	50,000	70,000	30,000	1000,000	300,000	150,000	30,000	30,000	100,000	30,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	30,000	50,000	70,000	70,000	50,000	30,000	50,000	70,000	70,000
BA-S	150,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	200,000	100,000
BF-S	-1,000	-1,000	-1,000	1,500	1,000	-1,000	-1,000	1,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	7,000	5,000	30,000	15,000	10,000	-5,000	5,000	15,000	5,000
CR-S	70,000	20,000	15,000	30,000	30,000	30,000	15,000	30,000	15,000	20,000
CU-S	30,000	-5,000	-5,000	10,000	-5,000	5,000	-5,000	7,000	5,000	-5,000
LA-S	70,000	30,000	50,000	50,000	30,000	50,000	50,000	50,000	100,000	50,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	NAO DET.	-5,000
NB-S	15,000	-10,000	-10,000	15,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000
NI-S	15,000	15,000	5,000	30,000	20,000	20,000	5,000	15,000	50,000	7,000
PB-S	30,000	NAO DET.	NAO DET.	15,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	-5,000	-5,000	INTERFER.	-5,000	-5,000	NAO DET.	7,000	7,000	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	50,000	30,000	70,000	50,000	50,000	30,000	70,000	100,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	15,000	70,000	20,000	30,000	20,000	50,000	70,000	15,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	500,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	1000,000	300,000
CU-AA	14,000	5,000	-3,000	8,000	3,000	3,000	-3,000	4,000	9,000	3,000
PB-AA	27,000	5,000	5,000	25,000	8,000	8,000	5,000	8,000	14,000	5,000
ZN-AA	35,000	20,000	8,000	75,000	30,000	30,000	13,000	23,000	75,000	12,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAS185 CF0021	DAS186 CF0022	DAS187 CF0024	DAS188 CF0025	DAS189 CF0028	DAS190 CF0029	DAS191 CF0030	DAS192 CF0033	DAS193 CF0034	DAS194 CFJ35
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0210
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0132	0142	0156	0214	0246	0282	0277	0023	0022	0036
ORDENADA - Y	0376	0408	0440	0405	0477	0459	0423	0316	0312	0305
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	H	H	J	G	G	G	H	H	H
ID. GEOLOG.	GM	GM	GM	ARGL	GI	GI	GI	GS	GS	GS
MAT. COLETA	APGL	AREA	AREA		AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	A	C	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	2	5	5	3	2	2	2	1	1	2
PROFUND. RIO	1,0	2,0	2,0	1,5	1,0	1,0	1,0	1,0	1,0	1,0
VELOC. CORR.				1						
NIVEL AGUA				1						
AREA OPENAG.	1	1	2	1	1	1	1	1	1	1
TURB. AGUA				2						
POS. COLETA	C		C	C	C	C	C	C	C	C
COR AGUA				C						
GRAU ARRED.										
VOL. OPTIG.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SED. / SL.										
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS185 CF0021	DAS186 CF0022	DAS187 CF0024	DAS188 CF0025	DAS189 CF0028	DAS190 CF0029	DAS191 CF0030	DAS192 CF0033	DAS193 CF0034	DAS194 CF0035
PARAMETROS ANALITICOS DE CAMPO										
EH CVCIT										
PH										
METAL TOTAL										
CODIF. LIVRE	2120	1030	7E30	7E30	7E10	7E10	7E10	2B30	2B30	2330
PARAMETROS ANALITICOS										
FF-S %	1,000	1,000	5,000	1,000	3,000	1,000	1,500	15,000	15,000	15,000
NG-S %	0,300	0,070	0,200	0,200	0,100	0,070	0,150	0,300	0,300	0,200
CA-S %	-0,050	-0,050	-0,050	-0,050	0,100	0,050	0,070	-0,350	-0,050	-0,050
TI-S %	1,000	0,300	0,500	0,700	1,000	0,500	0,700	0,700	0,700	0,700
MN-S	50,000	50,000	30,000	50,000	700,000	50,000	150,000	150,000	150,000	150,000
AG-S	0,500	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	100,000	70,000	70,000	70,000	70,000	70,000	50,000	50,000
BA-S	300,000	150,000	300,000	300,000	500,000	300,000	500,000	300,000	300,000	300,000
BE-S	1,500	-1,000	1,000	1,500	1,000	-1,000	1,500	1,500	1,500	2,000
BI-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	10,000	5,000	5,000	7,000	10,000	5,000	10,000	30,000	30,000	30,000
CR-S	100,000	50,000	70,000	70,000	70,000	50,000	70,000	300,000	500,000	300,000
CU-S	50,000	-5,000	7,000	50,000	-5,000	-5,000	-5,000	70,000	70,000	70,000
LA-S	70,000	30,000	50,000	100,000	70,000	50,000	70,000	70,000	50,000	100,000
MO-S	15,000	7,000	15,000	70,000	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	-10,000	10,000	10,000	15,000	10,000	15,000	10,000	10,000	10,000
NI-S	70,000	10,000	20,000	50,000	20,000	10,000	30,000	70,000	70,000	70,000
PB-S	20,000	NAO DET.	-10,000	20,000	70,000	10,000	20,000	70,000	70,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	INTERFER.	15,000	15,000	INTERFER.	7,000	15,000	30,000	20,000	30,000
SN-S	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	-100,000	NAO DET.	100,000
V-S	100,000	50,000	100,000	70,000	50,000	50,000	70,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	100,000	30,000	30,000	30,000	70,000	50,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	-200,000
ZR-S	300,000	+1000,000	700,000	300,000	+1000,000	1000,000	1000,000	200,000	150,000	200,000
CU-AA	50,000	8,000	14,000	35,000	7,000	5,000	10,000	50,000	45,000	50,000
PB-AA	25,000	10,000	14,000	17,000	18,000	18,000	27,000	25,000	28,000	30,000
ZN-AA	65,000	20,000	30,000	35,000	23,000	10,000	65,000	55,000	50,000	70,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS195	DAS196	DAS197	DAS198	DAS199	DAS200	DAS201	DAS202	DAS203	DAS204
NUM. CAMPO	CF0036	CF0037	CF0038	CF0041	CF0043	CF0045	CF0048	CF0050	CF0052	CF0055
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0017	0016	0034	0028	0053	0062	0073	0068	0091	0108
ORDENADA - Y	0299	0295	0300	0278	0281	0263	0258	0254	0244	0242
UTM - LESTE										
UTM - NORTE										
MÉR. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	H	H	H	H	H	H	H	H	H
ID. GEOLOG.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
MAT. COLT.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCR.										
LARGURA RIO	1	1	1	1	1	2	2	2	2	1
PROFUND. RIO	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
VELOC. CORR.										
NIVEL AGUA										
ARFA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. LICITA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFREC.										
VOL. FRIGIN.										
PESO CLAC.										
GRANULOMET.										
TEST. SEDI.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. RICTICO	DAS195 CF0036	DAS196 CF0037	DAS197 CF0038	DAS198 CF0041	DAS199 CF0043	DAS200 CF0045	DAS201 CF0048	DAS202 CF0050	DAS203 CF0052	DAS204 CF0055
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH										
METAL TOTAL										
CONDIF. LIVRE	2830	2830	2830	2830	2830	2830	2830	2830	2820	2820
PARAMETROS ANALITICOS										
FE-S %	15,000	5,000	15,000	15,000	10,000	3,000	10,000	15,000	15,000	15,000
MG-S %	0,200	0,300	0,200	0,200	0,500	0,200	0,300	0,200	0,200	0,300
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,070	-0,050	-0,050
TI-S %	0,700	1,000	1,000	0,700	1,000	1,000	1,000	+1,000	1,000	+1,000
MN-S	500,000	300,000	150,000	150,000	300,000	200,000	200,000	1000,000	150,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	50,000	70,000	70,000	100,000	100,000	70,000	70,000	70,000
BA-S	300,000	500,000	300,000	500,000	500,000	300,000	300,000	300,000	300,000	500,000
BE-S	2,000	1,500	2,000	1,500	1,500	2,000	1,500	1,500	1,500	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	50,000	50,000	20,000	50,000	20,000	30,000	100,000	30,000	50,000
CR-S	150,000	150,000	200,000	300,000	300,000	100,000	200,000	500,000	500,000	300,000
CU-S	70,000	50,000	50,000	70,000	70,000	50,000	50,000	70,000	50,000	50,000
LA-S	70,000	100,000	100,000	100,000	150,000	70,000	100,000	70,000	100,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.
NB-S	10,000	15,000	10,000	15,000	10,000	15,000	15,000	10,000	10,000	10,000
NI-S	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
PB-S	70,000	50,000	70,000	50,000	70,000	50,000	50,000	50,000	70,000	70,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	30,000	30,000	30,000	20,000	30,000	30,000	30,000	30,000
SN-S	NAO DET.	-10,000	NAO DET.	NAO DET.	INTERFER.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	150,000	200,000	200,000	200,000	150,000	200,000	300,000	200,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	100,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
ZN-S	200,000	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	500,000	300,000	500,000	200,000	300,000	200,000	200,000	200,000	200,000
CU-AA	45,000	20,000	40,000	50,000	40,000	45,000	35,000	45,000	40,000	40,000
PB-AA	30,000	20,000	30,000	27,000	26,000	21,000	25,000	35,000	29,000	26,000
ZN-AA	110,000	50,000	110,000	75,000	75,000	55,000	45,000	60,000	45,000	65,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS205	DAS206	DAS207	DAS208	DAS209	DAS210	DAS211	DAS212	DAS213	DAS214
NUM. CAMPO	CF0056	CF0058	CF0061	CF0064	CF0065	CF0067	CF0068	CF0070	CF0071	CF0073
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1
PASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	57 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0094	0015	0035	0052	0060	0078	0094	0116	0115	0100
ORDENADA - Y	0204	0235	0225	0220	0217	0217	0211	0226	0230	0211
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPC AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	H	H	H	H	H	H	H	H	H	H
ID. GEOLOG.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
MAT. COLLET.	APEA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TERCEG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTFMP.										
TIPO ALTER.										
TIPO MINER.										
DEF. CCCCR.										
LARGURA RIO	2	1	3	1	1	1	4	2	2	2
PROFUND. RIO	2,0	0,5	1,0	0,5	0,5	0,5	2,0	1,0	1,0	1,0
VELOC. CORR.										
NIVEL AGUA										
ARFA DRENAG.	1	1	1	1	1	1	2	1	1	1
TIPO AGUA										
PUS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGEM.										
PESO CENC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC. ASL.										
HORIZ. SCLD										
TIPO SELF										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS205 CF0056	DAS206 CF0058	DAS207 CF0061	DAS208 CF0064	DAS209 CF0065	DAS210 CF0067	DAS211 CF0068	DAS212 CF0070	DAS213 CF0071	DAS214 CF0073
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
MFTAL TOTAL										
CONDIF. LIVRE	2B20	2B30	2B30	2B30	2B30	2B30	2B00	2B30	2B30	2B30
PARAMETROS ANALITICOS										
FE-S %	15,000	5,000	10,000	3,000	2,000	2,000	10,000	10,000	10,000	10,000
MG-S %	0,300	0,500	1,000	0,300	0,200	0,150	0,500	0,300	0,200	0,200
CA-S %	-0,050	0,500	1,000	0,070	0,150	0,150	0,300	0,100	0,150	0,050
TI-S %	+1,000	+1,000	+1,000	1,000	1,000	+1,000	+1,000	+1,000	+1,000	1,000
4N-S	500,000	500,000	700,000	150,000	700,000	700,000	1000,000	500,000	500,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	50,000	100,000	100,000	70,000	50,000	50,000	50,000	70,000
PA-S	500,000	200,000	300,000	500,000	300,000	300,000	300,000	200,000	150,000	300,000
PE-S	2,000	-1,000	1,500	1,500	1,500	1,000	1,000	-1,000	-1,000	1,500
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	20,000	50,000	70,000	15,000	15,000	50,000	30,000	50,000	20,000
CR-S	300,000	150,000	300,000	100,000	70,000	70,000	200,000	70,000	70,000	100,000
CU-S	70,000	100,000	150,000	30,000	30,000	20,000	150,000	20,000	100,000	100,000
LA-S	70,000	50,000	70,000	200,000	100,000	150,000	70,000	30,000	70,000	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	-10,000	10,000	20,000	15,000	20,000	10,000	10,000	15,000	15,000
NI-S	70,000	70,000	100,000	70,000	50,000	50,000	100,000	70,000	70,000	70,000
PB-S	50,000	10,000	30,000	70,000	50,000	50,000	50,000	15,000	NAO DET.	20,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	15,000	30,000	30,000	20,000	20,000	20,000	15,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	10,000	10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	100,000	100,000	-100,000	100,000	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	300,000	500,000	150,000	150,000	100,000	300,000	200,000	300,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	50,000	100,000	70,000	100,000	70,000	50,000	70,000	150,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	300,000	200,000	200,000	200,000	200,000	200,000	300,000	300,000	200,000
CU-AA	40,000	45,000	70,000	21,000	22,000	17,000	70,000	35,000	55,000	55,000
PB-AA	27,000	18,000	16,000	18,000	13,000	14,000	18,000	13,000	10,000	15,000
ZN-AA	55,000	65,000	120,000	65,000	24,000	55,000	130,000	35,000	45,000	60,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS215	DAS216	DAS217	DAS218	DAS219	DAS220	DAS221	DAS222	DAS223	DAS224
NUM. CAMPO	CF0075	CF0077	CF0079	CF0080	CF0082	CF0083	CF0084	CF0085	CF0086	CF0087
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1	D-VI-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0105	0074	0098	0118	0121	0129	0023	0068	0116	0129
ORDENADA - Y	0198	0190	0189	0179	0171	0174	0316	0254	0226	0174
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	G	H	G	H	H	H	H	H	H
ID. GEOLÓG.	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGAEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGUEZA RIO	2	2	2	2	1	1	1	2	2	1
PROFUND. RIO	1,0	0,5	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU ABRED.										
VOL. ORIGIN.										
PESO CENF.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SED./SI.										
HORIZ. SÍLO										
TIPO SCIC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS215 CF0075	DAS216 CF0077	DAS217 CF0079	DAS218 CF0080	DAS219 CF0082	DAS220 CF0083	DAS221 CF0084	DAS222 CF0085	DAS223 CF0086	DAS224 CF0087
PARAMETROS ANALITICOS DE CAMPO										
EH CVCIT										
PH										
METAL TOTAL										
CODIF. LIVRE	2B30	2B10	2B20	2B20	2B20	2B20	2B31	2B31	2C31	2C21
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	5,000	5,000	5,000	5,000	15,000	15,000	10,000	5,000
MG-S %	0,300	0,150	0,150	0,200	0,200	0,150	0,300	0,200	0,300	0,150
CA-S %	0,070	-0,050	0,050	-0,050	0,070	0,050	-0,050	0,070	0,070	0,050
TI-S %	1,000	0,700	0,700	1,000	+1,000	+1,000	0,700	+1,000	+1,000	+1,000
MN-S	500,000	150,000	300,000	3000,000	300,000	200,000	150,000	1000,000	500,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	70,000	100,000	100,000	100,000	70,000	70,000	50,000	70,000
EA-S	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	200,000	300,000
BE-S	2,000	1,500	1,500	2,000	1,500	2,000	1,500	1,500	-1,000	1,500
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	30,000	70,000	30,000	20,000	30,000	70,000	70,000	20,000
CR-S	150,000	70,000	70,000	70,000	100,000	100,000	200,000	150,000	150,000	100,000
CU-S	50,000	10,000	20,000	30,000	50,000	20,000	70,000	70,000	20,000	20,000
LA-S	150,000	70,000	100,000	100,000	70,000	70,000	100,000	70,000	70,000	100,000
MO-S	-5,000	NAO DET.	-5,000	-5,000	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	-5,000
NB-S	15,000	15,000	15,000	15,000	10,000	15,000	10,000	15,000	10,000	15,000
NI-S	70,000	50,000	50,000	70,000	70,000	50,000	70,000	70,000	70,000	50,000
PB-S	50,000	15,000	15,000	70,000	30,000	50,000	70,000	70,000	10,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	15,000	15,000	20,000	15,000	15,000	30,000	20,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	100,000	100,000	150,000	150,000	150,000	200,000	300,000	200,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	1000,000	1000,000	300,000	700,000	500,000	150,000	150,000	700,000	500,000
CU-AA	30,000	14,000	19,000	24,000	35,000	24,000	50,000	45,000	30,000	24,000
PB-AA	17,000	8,000	13,000	18,000	18,000	21,000	23,000	35,000	11,000	23,000
ZY-AA	100,000	65,000	60,000	65,000	100,000	50,000	50,000	55,000	35,000	50,000
AG-AA										
CA-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS225	DAS226	DAS227	DAS228	DAS229	DAS230	DAS231	DAS232	DAS233	DAS234
NUM. CAMPO	JE0001	JE0002	JE0003	JE0004	JE0006	JE0007	JE0008	JE0009	JE0010	JE0011
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CAPT.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	2	2	2	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0074	0068	0069	0070	0481	0469	0418	0449	0456	0476
ORDENADA - Y	0250	0246	0227	0256	0267	0258	0451	0526	0527	0524
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.							B	J	J	
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	C	C	A	A	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	2	2	1	3	1	1	2	1	1	1
PROFUND. RIO					0,1	0,1				
VELOC. CORR.					1	1				
NIVEL AGUA					1	1				
AREA OPENAG.	1	1	1	1	1	1	0	1	1	1
TURB. ACUA					0	0				
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP AGUA					A	A				
GRAU APREC.										
VOL. ORIGI.										
PESO CONC.										
GRANULIMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO AMB. BIOTICO	DAS225 JE0001	DAS226 JE0002	DAS227 JE0003	DAS228 JF0004	DAS229 JE0006	DAS230 JE0007	DAS231 JE0008	DAS232 JE0009	DAS233 JE0010	DAS234 JE0011
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH					4,7	4,7				
METAL TOTAL CODIF. LIVRE	2220	2220	2220	2220	3920	3920	86 0	1 20	2820	2820
PARAMETROS ANALITICOS										
FE-S %	15,000	15,000	7,000	7,000	0,700	0,700	15,000	15,000	10,000	7,000
MG-S %	0,200	0,300	0,100	0,200	0,070	0,070	0,700	0,500	0,700	0,300
CA-S %	0,150	0,150	0,070	-0,050	-0,050	-0,050	1,000	0,300	0,300	0,200
TI-S %	1,000	+1,000	+1,000	0,700	0,700	0,700	+1,000	+1,000	1,000	+1,000
MN-S	2000,000	2000,000	1000,000	50,000	70,000	100,000	1000,000	3000,000	500,000	5000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	0,700	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	20,000	50,000	100,000	50,000	50,000	30,000	50,000	70,000	20,000
BA-S	700,000	500,000	300,000	300,000	200,000	150,000	300,000	500,000	500,000	300,000
BE-S	1,500	1,000	-1,000	1,000	-1,000	-1,000	-1,000	1,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	70,000	30,000	10,000	10,000	10,000	70,000	100,000	50,000	100,000
CR-S	150,000	200,000	70,000	70,000	50,000	30,000	200,000	300,000	200,000	150,000
CU-S	100,000	100,000	150,000	200,000	7,000	-5,000	50,000	50,000	200,000	50,000
LA-S	100,000	30,000	30,000	30,000	50,000	30,000	30,000	20,000	70,000	NAO DET.
MD-S	NAO DET.	NAO DET.	NAO DET.	50,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	15,000	10,000	15,000	15,000	10,000	-10,000	15,000	10,000	10,000	10,000
NI-S	70,000	70,000	50,000	70,000	30,000	20,000	100,000	70,000	70,000	70,000
PB-S	15,000	30,000	-10,000	70,000	NAO DET.	NAO DET.	-10,000	10,000	NAO DET.	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	20,000	30,000	INTERFER.	INTERFER.	20,000	20,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	150,000	100,000	150,000	NAO DET.
V-S	300,000	300,000	500,000	200,000	100,000	70,000	300,000	300,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	20,000	20,000	70,000	50,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	200,000	300,000	200,000	+1000,000	+1000,000	200,000	150,000	150,000	150,000
CU-AA	85,000	65,000	45,000	100,000	18,000	15,000	85,000	70,000	130,000	75,000
PB-AA	20,000	16,000	11,000	24,000	8,000	8,000	12,000	6,000	3,000	8,000
ZN-AA	75,000	70,000	27,000	40,000	19,000	17,000	65,000	60,000	28,000	35,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CI-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS235	DAS236	DAS237	DAS238	DAS239	DAS240	DAS241	DAS242	DAS243	DAS244
NUM. CAMPO	JF0012	JE0013	JE0014	JE0015	JE0016	JE0017	JE0018	JE0019	JE0021	JE0022
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	2	2	2	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0471	0481	0487	0471	0467	0479	0482	0463	0425	0421
ORDENADA - Y	0500	0504	0524	0485	0466	0467	0433	0417	0480	0488
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARÂMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA P.C.										
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	A	A	A	C	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	2	1	2	2	2	2	3	1	2	4
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ARCA DEFENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APERC.										
VOL. CRISTAL.										
PESO COAC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SED./SL.										
HUMID. SOLID.										
TIPO SEDI.										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMR. BIOTICO	DAS235 JE0012	DAS236 JE0013	DAS237 JE0014	DAS238 JF0015	DAS239 JE0016	DAS240 JE0017	DAS241 JE0018	DAS242 JE0019	DAS243 JE0021	DAS244 JE0022
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2820	2820	2820	2820	2820	2820	2820	2820	2820	2320
PARAMETROS ANALITICOS										
FE-S %	15,000	7,000	10,000	15,000	15,000	10,000	7,000	5,000	15,000	10,000
MG-S %	0,200	0,200	0,200	0,700	0,500	0,200	0,300	0,200	0,300	0,500
CA-S %	0,100	0,150	0,100	0,300	0,300	0,150	0,300	0,100	0,500	0,500
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	3000,000	2000,000	1500,000	1000,000	2000,000	3000,000	3000,000	700,000	+5000,000	1500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
H-S	20,000	50,000	20,000	-10,000	15,000	20,000	20,000	100,000	20,000	50,000
BA-S	200,000	150,000	100,000	100,000	200,000	200,000	300,000	200,000	200,000	200,000
BE-S	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	150,000	50,000	100,000	100,000	100,000	100,000	70,000	30,000	200,000	50,000
CR-S	300,000	100,000	300,000	700,000	300,000	100,000	70,000	100,000	100,000	200,000
CU-S	10,000	20,000	-5,000	-5,000	20,000	20,000	10,000	50,000	70,000	50,000
LA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	50,000	30,000	30,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	10,000	-10,000	15,000
NI-S	70,000	50,000	70,000	100,000	70,000	50,000	50,000	30,000	70,000	70,000
PB-S	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	15,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	15,000	15,000	INTERFER.	20,000	20,000	15,000	15,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	200,000	300,000	300,000	300,000	200,000	150,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	20,000	15,000	30,000	30,000	30,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	300,000	300,000	200,000	150,000	150,000	150,000	500,000	200,000	200,000
CU-AA	50,000	65,000	20,000	40,000	55,000	60,000	45,000	40,000	95,000	50,000
PB-AA	9,000	8,000	6,000	8,000	7,000	8,000	6,000	7,000	13,000	15,000
ZN-AA	25,000	40,000	14,000	70,000	40,000	35,000	28,000	27,000	50,000	50,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
BE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS245	DAS246	DAS247	DAS248	DAS249	DAS250	DAS251	DAS258	DAS259	DAS260
NUM. CAMPO	JE0023	JE0024	JE0025	JE0026	JE0020	ES0070	PP0120	CS0051	CS0052	CS0053
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	2	1	2	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	09/77	09/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 30 00	54 15 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0388	0400	0399	0459	0474	0300	0070	0181	0180	0221
ORDENADA - Y	0512	0511	0462	0403	0418	0104	0308	0507	0524	0529
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.										
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ARGL	ALUV	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	B	B	B
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	C	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	1	1	1	2	2	5		3	4	
PROFUND. RIO						2,0				0,4
VELOC. CORR.						0				
NIVEL AGUA						0				
AREA DEENAG.	1	1	1	1	1	2	1	1	1	1
TURB. AGUA						0				
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP AGUA										
GRAU AFED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULEMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										
						CM				
						12151			8 11	18 1
						I				

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS245 JE0023	DAS246 JE0024	DAS247 JE0025	DAS248 JE0026	DAS249 JE0020	DAS250 ES0070	DAS251 PP0120	DAS258 CS0051	DAS259 CS0052	DAS260 CS0053
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH									4,7	
METAL TOTAL										
COEF. LIVRE	2R20	2B20	2B20	2R20	2B20	2310	2B20	7510	7510	7510
PARAMETROS ANALITICOS										
FE-S %	15,000	10,000	10,000	15,000	10,000	15,000	10,000	1,500	0,200	0,700
MG-S %	0,150	0,200	0,100	0,500	0,300	0,200	0,500	0,070	0,020	0,020
CA-S %	0,050	-0,050	-0,050	0,150	0,200	-0,050	0,200	0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	1,000	0,700	0,300	0,500
MN-S	700,000	300,000	700,000	2000,000	1000,000	200,000	200,000	70,000	15,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	100,000	100,000	50,000	50,000	70,000	70,000	70,000	50,000	30,000
BA-S	300,000	300,000	300,000	300,000	300,000	300,000	700,000	500,000	30,000	30,000
BE-S	1,500	1,000	1,500	1,000	1,000	2,000	1,500	1,500	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	50,000	30,000	50,000	100,000	30,000	30,000	30,000	7,000	-5,000	7,000
CU-S	300,000	150,000	100,000	500,000	100,000	100,000	300,000	50,000	15,000	30,000
CA-S	100,000	70,000	20,000	70,000	100,000	30,000	70,000	10,000	-5,000	-5,000
LA-S	70,000	70,000	100,000	NAO DET.	30,000	30,000	50,000	100,000	50,000	50,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	15,000	10,000	10,000	10,000	10,000	10,000	-10,000	-10,000
NI-S	70,000	50,000	30,000	70,000	50,000	70,000	70,000	20,000	-5,000	15,000
PB-S	15,000	10,000	10,000	10,000	-10,000	20,000	50,000	70,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	20,000	15,000	15,000	15,000	30,000	10,000	-5,000	-5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	200,000	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	200,000	300,000	300,000	200,000	300,000	100,000	20,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	100,000	70,000	50,000	50,000	50,000	50,000	30,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	300,000	300,000	300,000	300,000	150,000	1000,000	1000,000	+1000,000
CU-AA	75,000	40,000	27,000	55,000	65,000	40,000	55,000	17,000	-3,000	3,000
PB-AA	18,000	14,000	14,000	14,000	10,000	18,000	8,000	30,000	-3,000	4,000
ZN-AA	60,000	25,000	30,000	65,000	50,000	140,000	40,000	29,000	4,000	9,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TI-AA										
AI-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS261	DAS262	DAS263	DAS264	DAS265	DAS266	DAS267	DAS268	DAS269	DAS270
NUM. CAMPO	CS0054	CS0055	CS0056	CS0057	CS0058	CS0059	CS0060	CS0061	CS0062	CS0065
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0217	0214	0189	0009	0021	0011	0007	0009	0007	0075
ORDENADA - Y	0539	0510	0495	0491	0447	0424	0422	0391	0365	0088
UTM - LFSTE										
UTM - ACRTF										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	J	J	G
ID. GEOLG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	ARGL	AREA	AREA
PLUVIOSIDADE	B	B	B	A	A	A	A	A	A	A
TIPO VEGET.	C	B	A	E	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PROF.										
GRAU INTFMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	3	2	3	2	2	1	5	2	3	4
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUBO. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFREC.										
VOL. CRICIN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.	27 1	27 1	8 11	27 1	18 1	7 21	17 11	5 41	37	8 11
COR SEC./SL.										
HORIZ. SCIO										
TIPO SOLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS261 CS0054	DAS262 CS0055	DAS263 CS0056	DAS264 CS0057	DAS265 CS0058	DAS266 CS0059	DAS267 CS0060	DAS268 CS0061	DAS269 CS0062	DAS270 CS0065
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	7510	7510	7510	7510	1010	1010	1010	1020	2120	3010
PARAMETROS ANALITICOS										
FE-S %	3,000	2,000	1,000	3,000	5,000	3,000	7,000	2,000	10,000	7,000
MG-S %	0,070	0,070	0,100	0,150	0,200	0,200	0,150	0,300	0,150	0,100
CA-S %	0,070	0,050	-0,050	-0,050	0,070	-0,050	-0,050	-0,050	-0,050	0,150
TI-S %	0,500	0,700	0,700	1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000
MN-S	1000,000	300,000	50,000	150,000	150,000	50,000	100,000	30,000	30,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,700	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	50,000	100,000	70,000	100,000	70,000	100,000	70,000	70,000
BA-S	150,000	200,000	300,000	150,000	500,000	300,000	300,000	500,000	200,000	150,000
BE-S	1,500	1,500	-1,000	1,500	1,500	-1,000	1,500	1,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	20,000	7,000	10,000	20,000	10,000	30,000	10,000	15,000	30,000
CR-S	30,000	30,000	70,000	70,000	70,000	150,000	150,000	200,000	150,000	70,000
CU-S	10,000	7,000	7,000	30,000	70,000	100,000	100,000	150,000	30,000	30,000
LA-S	70,000	50,000	70,000	70,000	100,000	70,000	70,000	70,000	50,000	50,000
MO-S	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	10,000	15,000	30,000	15,000	NAO DET.
NR-S	-10,000	10,000	15,000	15,000	15,000	15,000	10,000	10,000	10,000	10,000
NI-S	30,000	30,000	20,000	50,000	70,000	70,000	70,000	70,000	50,000	50,000
PB-S	NAO DET.	20,000	150,000	10,000	100,000	50,000	70,000	70,000	30,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	7,000	15,000	INTERFER.	20,000	30,000	30,000	30,000	30,000	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	INTERFER.	10,000	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.
V-S	100,000	100,000	70,000	200,000	200,000	150,000	150,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	30,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	700,000	1000,000	+1000,000	500,000	500,000	1000,000	200,000	300,000	+1000,000
CU-AA	14,000	11,000	9,000	28,000	40,000	35,000	50,000	120,000	40,000	15,000
PB-AA	9,000	28,000	15,000	18,000	17,000	24,000	20,000	22,000	18,000	9,000
ZN-AA	40,000	45,000	15,000	140,000	45,000	20,000	65,000	40,000	45,000	50,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS271	DAS272	DAS273	DAS274	DAS275	DAS276	DAS277	DAS278	DAS279	DAS280
NUM. CAMPO	CS0066	CS0067	CS0068	CS0069	CS0070	CS0071	CS0072	CS0073	CS0074	CS0075
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0032	0057	0027	0054	0082	0066	0055	0008	0043	0079
ORDENADA - Y	0102	0090	0043	0039	0057	0041	0038	0203	0178	0145
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	D	D	D	J	G	G
ID. GEOLG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	C	B	B	A	B	A	A	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	1	2	2	3	2	3	2	2	5	5
PROFUND. RIO										
VELOC. COCCR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AEREE.										
VOL. COCIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDI.	19 1	17 11	8 11	17 11	18 1	172	181	26 11	8 11	9 11
CHE. SED./SL.										
HORIZ. SEDI										
TIPO SEDI										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS271 CS0066	DAS272 CS0067	DAS273 CS0068	DAS274 CS0069	DAS275 CS0070	DAS276 CS0071	DAS277 CS0072	DAS278 CS0073	DAS279 CS0074	DAS280 CS0075
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	3010	3010	3010	3010	3900	3911	3900	2220	2310	2310
PARAMETROS ANALITICOS										
FE-S %	7,000	20,000	1,000	3,000	5,000	1,000	1,000	20,000	15,000	10,000
MG-S %	0,150	0,500	0,050	0,100	0,150	0,030	0,070	0,300	0,500	0,300
CA-S %	0,050	0,200	-0,050	0,050	0,300	-0,050	0,150	0,070	0,500	0,700
TI-S %	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	500,000	2000,000	150,000	150,000	500,000	150,000	150,000	1000,000	700,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	15,000	70,000	70,000	30,000	30,000	30,000	70,000	50,000	70,000
PA-S	300,000	150,000	150,000	200,000	150,000	70,000	30,000	300,000	200,000	200,000
BE-S	1,500	NAO DET.	-1,000	-1,000	-1,000	-1,000	NAO DET.	1,500	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	100,000	7,000	15,000	15,000	7,000	7,000	70,000	30,000	30,000
CR-S	70,000	500,000	30,000	70,000	50,000	30,000	30,000	300,000	500,000	300,000
CU-S	50,000	70,000	-5,000	10,000	30,000	-5,000	15,000	100,000	50,000	50,000
LA-S	50,000	NAO DET.	70,000	70,000	30,000	20,000	20,000	100,000	30,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	15,000	10,000	-10,000	10,000	10,000	-10,000	10,000	15,000	10,000	10,000
NI-S	70,000	100,000	5,000	15,000	20,000	5,000	10,000	70,000	INTERFER.	INTERFER.
PB-S	10,000	-10,000	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	50,000	10,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	INTERFER.	INTERFER.	7,000	-5,000	INTERFER.	20,000	15,000	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.
V-S	150,000	700,000	70,000	70,000	300,000	70,000	70,000	500,000	700,000	700,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	30,000	70,000	70,000	30,000	30,000	30,000	70,000	50,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.
ZR-S	1000,000	700,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	200,000	1000,000	+1000,000
CU-AA	30,000	55,000	8,000	7,000	22,000	4,000	6,000	45,000	29,000	25,000
PB-AA	8,000	10,000	-3,000	7,000	3,000	-3,000	-3,000	15,000	17,000	14,000
ZN-AA	80,000	60,000	9,000	22,000	30,000	8,000	4,000	140,000	190,000	170,000
AG-AA										
CO-AA										
VI-AA										
BI-AA										
CO-AA										
TF-AA										
MI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS281	DAS282	DAS283	DAS284	DAS285	DAS286	DAS287	DAS288	DAS289	DAS290
NUM. CAMPO	CS0077	CS0078	CS0079	CS0081	JA0001	JA0002	JA0003	JA0004	JA0005	JA0006
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	09/77	09/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0133	0166	0176	0188	0125	0149	0041	0045	0043	0049
ORDENADA - Y	0044	0056	0087	0038	0533	0543	0434	0405	0486	0449
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	U	U	G	U	G	G	G	J	G	G
ID. GEOLOG.										
MAT. COLET.	AREA	AREA	AREA	ARGL	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	B	B	A	A	A	A
TIPO VEGET.	C	C	A	B	B	B	C	C	E	E
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGUEZA RIO	4	5	4	2	3	4	4	3	2	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TUFB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFRED.										
VOL. CRIST.										
PESO CONC.										
GRANULOMET.										
TEST. QUIM.	0 11	17 11	27 1	31 01	011	1 21	44 11	7 21	0 11	
COR SEC./SL.										
HOPIZ. SOLO										
TIPO SOLO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS281 CS0077	DAS282 CS0078	DAS283 CS0079	DAS284 CS0081	DAS285 JA0031	DAS286 JA0032	DAS287 JA0033	DAS288 JA0034	DAS289 JA0035	DAS290 JA0036
PARAMETROS ANALITICOS DE CAMPU										
EH CVCLT										
PH										
METAL TOTAL										
COEF. LIVRF	2800	3900	2310	3900	7510	7510	1010	1020	7510	1010
PARAMETROS ANALITICOS										
FE-S %	2,000	20,000	15,000	1,000	1,500	20,000	7,000	15,000	1,500	1,000
MG-S %	0,100	1,000	0,200	0,100	0,050	0,100	0,200	0,200	0,030	0,030
CA-S %	0,100	1,000	0,050	-0,050	-0,050	-0,050	-0,050	0,100	-0,050	-0,050
TI-S %	+1,000	1,000	+1,000	+1,000	0,700	+1,000	+1,000	+1,000	0,700	1,000
MN-S	300,000	1000,000	700,000	100,000	150,000	5000,000	50,000	700,000	50,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	30,000	100,000	70,000	70,000	NAO DET.	100,000	70,000	70,000	70,000
BA-S	70,000	300,000	300,000	200,000	150,000	30,000	300,000	300,000	70,000	70,000
BE-S	-1,000	1,000	1,500	-1,000	-1,000	NAO DET.	1,000	1,500	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	100,000	70,000	7,000	7,000	INTERFER.	7,000	30,000	5,000	10,000
CR-S	50,000	500,000	200,000	50,000	30,000	1000,000	150,000	150,000	50,000	30,000
CU-S	-5,000	100,000	30,000	5,000	-5,000	INTERFER.	100,000	100,000	-5,000	-5,000
LA-S	30,000	50,000	100,000	30,000	70,000	NAO DET.	70,000	70,000	30,000	30,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	30,000	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	10,000	15,000	15,000	10,000	-10,000	15,000	15,000	10,000	15,000
NI-S	10,000	100,000	70,000	10,000	7,000	10,000	70,000	70,000	5,000	15,000
PB-S	NAO DET.	20,000	20,000	NAO DET.	NAO DET.	30,000	70,000	70,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	30,000	30,000	INTERFER.	INTERFER.	INTERFER.	20,000	20,000	-5,000	-5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	300,000	300,000	70,000	70,000	50,000	200,000	200,000	100,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	70,000	-10,000	70,000	70,000	30,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	300,000	1000,000	+1000,000	+1000,000	100,000	500,000	500,000	+1000,000	+1000,000
CU-AA	11,000	60,000	20,000	7,000	10,000	8,000	45,000	40,000	5,000	7,000
PB-AA	-3,000	19,000	16,000	8,000	10,000	18,000	20,000	19,000	12,000	10,000
ZN-AA	13,000	120,000	60,000	28,000	17,000	35,000	50,000	75,000	10,000	21,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
YF-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE COPRENTE

NUM. LAB.	DAS291	DAS292	DAS293	DAS294	DAS295	DAS296	DAS297	DAS298	DAS299	DAS657
NUM. CAMPO	JA0007	JA0008	JA0009	JA0010	JA0011	JA0012	JA0013	JA0014	JA0015	PS0075
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVINCIA	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 45 00
ABCISSA - X	0150	0154	0148	0147	0165	0156	0148	0140	0188	0570
ORDENADA - Y	0205	0204	0197	0197	0208	0190	0169	0159	0038	0350
UTM - LFSTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA FEG.	J	J	J	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLET.	SILT	SILT	SILT	SILT	SILT	SILT	AREA	SILT	ARGL	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	2	2	2	2	2	2	2	3	2	7
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFRIO.										
VOL. FRIGIO.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	11521	2521	2431	3421	2521	2521	5221	3421	2251	
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. PICTICO	DAS291 JA0007	DAS292 JA0008	DAS293 JA0009	DAS294 JA0010	DAS295 JA0011	DAS296 JA0012	DAS297 JA0013	DAS298 JA0014	DAS299 JA0015	DAS657 PSC075
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL ICTAL										
COEF. LIVRE	2220	2220	2220	2220	2220	2220	2220	2220	3900	2120
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	15,000	15,000	10,000	15,000	7,000	20,000	5,000	10,000
MG-S %	0,200	0,300	0,200	0,200	0,200	0,300	0,150	0,200	0,100	0,500
CA-S %	0,070	-0,050	0,050	-0,050	-0,050	-0,050	0,070	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	0,700	+1,000	+1,000	1,000	1,000	+1,000	+1,000
MN-S	150,000	300,000	100,000	500,000	200,000	300,000	300,000	500,000	1000,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	100,000	70,000	100,000	100,000	70,000	100,000	20,000	100,000
BA-S	500,000	700,000	500,000	500,000	500,000	500,000	500,000	500,000	150,000	500,000
BF-S	1,500	2,000	1,500	2,000	1,500	1,500	1,500	1,500	-1,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	100,000	30,000	20,000	15,000	20,000	15,000	30,000	10,000	20,000
CR-S	200,000	200,000	150,000	70,000	100,000	150,000	70,000	100,000	70,000	100,000
CU-S	70,000	50,000	30,000	50,000	30,000	30,000	50,000	30,000	100,000	70,000
LA-S	100,000	150,000	100,000	70,000	100,000	100,000	50,000	100,000	30,000	70,000
MO-S	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	20,000
NB-S	15,000	15,000	15,000	10,000	15,000	15,000	15,000	15,000	10,000	15,000
NI-S	70,000	70,000	70,000	50,000	70,000	70,000	70,000	50,000	30,000	70,000
PB-S	70,000	70,000	50,000	50,000	30,000	20,000	15,000	20,000	-10,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	30,000	15,000	30,000	30,000	15,000	20,000	15,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	300,000	150,000	300,000	200,000	150,000	200,000	150,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	100,000	50,000	70,000	70,000	70,000	70,000	50,000	100,000
ZN-S	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZP-S	500,000	500,000	300,000	200,000	200,000	500,000	+1000,000	700,000	+1000,000	700,000
CU-AA	40,000	35,000	25,000	35,000	30,000	26,000	27,000	30,000	45,000	35,000
PR-AA	18,000	25,000	18,000	18,000	18,000	17,000	10,000	18,000	10,000	15,000
ZN-AA	85,000	170,000	85,000	75,000	100,000	100,000	110,000	85,000	28,000	50,000
AG-AA										
CO-AA										
VI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS658	DAS659	DAS660	DAS661	DAS662	DAS663	DAS664	DAS665	DAS666	DAS667
NUM. CAMPO	PS0077	PS0079	PS0080	PS0083	PS0084	PS0085	PS0086	PS0087	PS0088	PS0089
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABSCISSA - X	0465	0490	0506	0307	0290	0290	0274	0345	0318	0346
ORDENADA - Y	0365	0393	0411	0497	0514	0514	0516	0534	0521	0470
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	H	J	G	G	G	G	G	H
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	6	5	7	4	4	4	3	7	3	3
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ARFA ORENAG.	1	1	1	1	1	1	1	1	1	1
TUBO. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COF. AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PLSO CONC.										
GRANULOMET.										
TEXT. SEDIM.	2512	26 11								
COR. SEC./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS658 PS0077	DAS659 PS0079	DAS660 PS0080	DAS661 PS0083	DAS662 PS0084	DAS663 PS0085	DAS664 PS0086	DAS665 PS0087	DAS666 PS0088	DAS667 PS0089
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2120	1 30	1 30	1 10	7510	7511	7510	7510	7510	1 10
PARAMETROS ANALITICOS										
FE-S %	5,000	3,000	15,000	3,000	1,000	2,000	0,700	2,000	1,000	3,000
MG-S %	0,300	0,100	0,500	0,700	0,020	0,030	0,020	0,020	0,100	0,200
CA-S %	-0,050	-0,050	0,050	-0,050	-0,050	0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	0,500	0,700	0,500	1,000	1,000	+1,000
MN-S	50,000	70,000	150,000	50,000	50,000	100,000	70,000	70,000	20,000	20,000
AG-S	NAO DET.	NAO DET.	NAO DET.	1,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	150,000	70,000	70,000	30,000	70,000	100,000	150,000
BA-S	200,000	150,000	300,000	700,000	100,000	100,000	100,000	100,000	150,000	300,000
BE-S	2,000	-1,000	1,500	2,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	5,000	15,000	20,000	5,000	7,000	5,000	5,000	NAO DET.	10,000
CR-S	70,000	30,000	70,000	150,000	20,000	20,000	15,000	30,000	70,000	100,000
CU-S	150,000	30,000	30,000	150,000	20,000	7,000	7,000	7,000	5,000	50,000
LA-S	70,000	20,000	20,000	100,000	NAO DET.	50,000	20,000	20,000	50,000	50,000
MO-S	30,000	5,000	10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	7,000
NB-S	15,000	10,000	15,000	15,000	10,000	10,000	-10,000	-10,000	-10,000	20,000
NT-S	70,000	10,000	50,000	100,000	10,000	20,000	5,000	15,000	5,000	70,000
PB-S	50,000	NAO DET.	15,000	200,000	-10,000	-10,000	-10,000	-10,000	10,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	5,000	10,000	30,000	NAO DET.	-5,000	NAO DET.	5,000	5,000	15,000
SN-S	-10,000	NAO DET.	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	150,000	200,000	300,000	100,000	200,000	100,000	200,000	150,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	50,000	100,000	20,000	70,000	20,000	20,000	50,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	+1000,000	1000,000	500,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	80,000	9,000	19,000	70,000	9,000	4,000	4,000	7,000	6,000	17,000
PB-AA	28,000	7,000	18,000	50,000	8,000	10,000	5,000	22,000	20,000	30,000
ZN-AA	60,000	20,000	70,000	50,000	18,000	20,000	8,000	25,000	15,000	40,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TR-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAS668	DAS669	DAS670	DAS671	DAS672	DAS673	DAS674	DAS675	DAS676	DAS677
	PS0090	PS0091	PS0092	PS0093	PS0094	PS0095	PS0096	PS0097	PS0098	PS0099
NUM. LAB.	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
NUM. CAMPO	270	270	270	270	270	270	270	270	270	270
C. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
S. CUSTO	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
PROCEDENCIA										
BASE CAPT.										
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0370	0364	0539	0531	0535	0507	0510	0502	0494	0454
ORDENADA - Y	0483	0475	0431	0474	0510	0446	0450	0483	0476	0524
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	H	H	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICADE	B	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	5	4	11	4	5	3	4	4	4	11
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	9 1		19	19		19		18 1		
COR SED./SL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. RICICO	DAS668 PS0090	DAS669 PS0091	DAS670 PS0092	DAS671 PS0093	DAS672 PS0094	DAS673 PS0095	DAS674 PS0096	DAS675 PS0097	DAS676 PS0098	DAS677 PS0099
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	7510	1 10	1 10	1 10	7510	1 10	1 10	7510	7510	7510
PARAMETROS ANALITICOS										
FE-S %	1,000	5,000	7,000	2,000	0,700	0,500	2,000	5,000	0,700	0,500
MG-S %	0,300	0,200	0,150	0,050	0,030	0,050	0,070	0,070	0,020	0,020
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,050	-0,050	-0,050	-0,050
TI-S %	0,700	+1,000	1,000	1,000	0,300	0,700	0,700	0,700	0,500	0,500
MN-S	20,000	50,000	50,000	50,000	30,000	10,000	500,000	300,000	-10,000	20,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000	70,000
BA-S	70,000	300,000	200,000	100,000	150,000	150,000	200,000	150,000	100,000	100,000
BF-S	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	10,000	5,000	-5,000	NAO DET.	NAO DET.	20,000	10,000	NAO DET.	NAO DET.
CR-S	30,000	100,000	70,000	50,000	20,000	15,000	70,000	70,000	20,000	15,000
CU-S	-5,000	150,000	30,000	10,000	-5,000	15,000	10,000	7,000	-5,000	-5,000
LA-S	50,000	70,000	50,000	50,000	50,000	20,000	50,000	50,000	30,000	30,000
MO-S	-5,000	10,000	10,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	10,000	-10,000	10,000	10,000	10,000	-10,000	-10,000
NI-S	5,000	70,000	20,000	10,000	NAO DET.	10,000	50,000	20,000	5,000	-5,000
PB-S	-10,000	50,000	10,000	-10,000	-10,000	-10,000	10,000	10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	20,000	10,000	20,000	NAO DET.	-5,000	5,000	7,000	NAO DET.	NAO DET.
SN-S	NAO DET.	-10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	200,000	200,000	200,000	70,000	70,000	150,000	200,000	50,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	100,000	50,000	70,000	50,000	30,000	70,000	150,000	70,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	-3,000	35,000	12,000	4,000	-3,000	15,000	6,000	4,000	-3,000	-3,000
PB-AA	10,000	50,000	10,000	8,000	5,000	4,000	12,000	20,000	4,000	7,000
ZN-AA	6,000	60,000	28,000	14,000	8,000	14,000	55,000	23,000	10,000	4,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORPENTE

NUM. LAB.	DAS678	DAS679	DAS680	DAS681	DAS682	DAS683	DAS684	DAS685	DAS686	DAS687
NUM. CAMPO	PS0100	PS0112	PS0113	PS0114	PS0115	PS0116	PS0117	PS0118	PS0119	PS0120
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVENIENCIA	RR	BB	BB	RR	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0450	0412	0399	0394	0400	0436	0448	0472	0437	0337
ORDENADA - Y	0528	0255	0242	0206	0200	0218	0217	0231	0208	0166
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FORMA AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	J	G	J	J	H	H	J	H	G
ID. GEOLG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	C	B	C	B	B	B	B	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	12	4	5	6	9	4	3	3	2	11
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA CHENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.				36	1	35	11			37
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS678 PS0100	DAS679 PS0112	DAS680 PS0113	DAS681 PS0114	DAS682 PS0115	DAS683 PS0116	DAS684 PS0117	DAS685 PS0118	DAS686 PS0119	DAS687 PS0120
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	7510	2220	2220	2310	2310	2310	2310	2230	2C10	3910
PARAMETROS ANALITICOS										
FE-S %	0,700	10,000	15,000	7,000	15,000	2,000	10,000	10,000	5,000	10,000
MG-S %	0,020	0,500	0,300	0,150	0,200	0,100	0,200	0,300	0,200	0,150
CA-S %	-0,050	0,500	0,100	-0,050	0,100	0,050	0,070	0,100	0,200	0,100
YI-S %	1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	50,000	150,000	700,000	500,000	1000,000	100,000	700,000	700,000	1500,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	100,000	100,000	70,000	200,000	100,000	100,000	150,000	100,000
BA-S	100,000	500,000	700,000	500,000	500,000	200,000	500,000	500,000	500,000	300,000
BE-S	-1,000	1,000	2,000	1,000	1,000	-1,000	1,000	1,000	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	-5,000	50,000	50,000	20,000	50,000	20,000	50,000	100,000	30,000	50,000
CR-S	15,000	100,000	150,000	70,000	150,000	70,000	100,000	200,000	70,000	150,000
CU-S	-5,000	200,000	100,000	70,000	70,000	50,000	100,000	100,000	50,000	300,000
LA-S	20,000	50,000	70,000	50,000	70,000	100,000	70,000	100,000	70,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000
NB-S	-10,000	10,000	20,000	10,000	15,000	30,000	15,000	15,000	20,000	15,000
NI-S	5,000	70,000	70,000	30,000	70,000	30,000	70,000	70,000	50,000	70,000
PB-S	-10,000	15,000	20,000	10,000	10,000	-10,000	15,000	50,000	10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	20,000	20,000	10,000	20,000	20,000	20,000	20,000	20,000	15,000
SN-S	NAO DET.	-10,000	INTERFER.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000
SR-S	NAO DET.	NAO DET.	-100,000	NAO DET.	-100,000	NAO DET.	-100,000	-100,000	-100,000	NAO DET.
V-S	30,000	300,000	300,000	150,000	300,000	200,000	300,000	300,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	70,000	70,000	50,000	100,000	150,000	100,000	100,000	100,000	100,000
ZH-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	700,000	700,000	+1000,000	500,000	1000,000	700,000	500,000	1000,000	+1000,000
CU-AA	-3,000	55,000	40,000	27,000	35,000	16,000	35,000	40,000	20,000	180,000
PII-AA	10,000	17,000	20,000	13,000	14,000	4,000	17,000	19,000	10,000	10,000
ZN-AA	4,000	70,000	70,000	55,000	50,000	15,000	50,000	60,000	45,000	140,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
FI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS688	DAS689	DAS690	DAS691	DAS692	DAS693	DAS694	DAS695	DAS696	DAS697
NUM. CAMPO	PS0122	PS0123	PS0125	PS0126	PS0127	PS0128	PS0130	PS0131	PS0132	PS0133
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BR	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ARCISSA - X	0380	0380	0315	0323	0507	0511	0499	0508	0513	0515
ORDENADA - Y	0157	0157	0100	0097	0097	0095	0153	0185	0215	0213
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEC.	G	G	G	G	G	G	G	J	G	J
ID. GEOLOG.										
MAT. COLT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICADE	A	A	A	A	A	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	B
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	7	7	8	2	9	2	6	5	5	4
PROFUND. RIO										0,1
VELOC. CORR.										1
NIVEL AGUA										1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										A
GRAU ARPEC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULIMET.										
TEXT. SIM.	35 2	35 2			20	4132	34 21	25 21	25 21	25 11
COR SEC./SL.										
HORIZ. SCLD.										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS688 PS0122	DAS689 PS0123	DAS690 PS0125	DAS691 PS0126	DAS692 PS0127	DAS693 PS0128	DAS694 PS0130	DAS695 PS0131	DAS696 PS0132	DAS697 PS0133
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH										
METAL TOTAL										
CODIF. LIVRE	3 10	3 11	3 10	39 0	3 10	3 10	2310	2310	28 0	2220
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	5,000	10,000	10,000	2,000	15,000	15,000	15,000	20,000
MG-S %	0,200	0,300	0,150	0,200	0,100	0,100	0,200	0,500	0,500	3,000
CA-S %	0,050	0,050	0,150	0,200	0,050	0,050	0,050	0,200	0,300	2,000
TI-S %	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
ZN-S	700,000	1000,000	500,000	1000,000	500,000	100,000	300,000	500,000	1500,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	70,000	50,000	100,000	100,000	70,000	50,000	50,000	-10,000
BA-S	300,000	500,000	150,000	200,000	300,000	200,000	300,000	300,000	500,000	300,000
BF-S	1,000	2,000	-1,000	-1,000	1,000	-1,000	1,000	-1,000	1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	50,000	20,000	50,000	30,000	7,000	50,000	50,000	70,000	200,000
CR-S	100,000	150,000	70,000	100,000	100,000	50,000	150,000	200,000	200,000	1000,000
CU-S	50,000	70,000	20,000	150,000	50,000	150,000	70,000	100,000	100,000	300,000
LA-S	100,000	70,000	50,000	50,000	100,000	100,000	70,000	100,000	50,000	20,000
MO-S	-5,000	NAO DET.	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NO-S	15,000	10,000	15,000	20,000	15,000	15,000	15,000	15,000	15,000	-10,000
NI-S	70,000	70,000	20,000	30,000	50,000	20,000	70,000	70,000	70,000	500,000
PB-S	10,000	15,000	NAO DET.	-10,000	-10,000	-10,000	10,000	15,000	15,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	10,000	15,000	15,000	10,000	20,000	20,000	15,000	30,000
SN-S	-10,000	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	150,000
V-S	200,000	300,000	200,000	500,000	200,000	100,000	300,000	300,000	500,000	1000,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	50,000	50,000	70,000	70,000	70,000	70,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	200,000
ZR-S	1000,000	300,000	+1000,000	300,000	+1000,000	1000,000	500,000	700,000	500,000	150,000
CU-AA	21,000	35,000	14,000	35,000	20,000	30,000	30,000	40,000	50,000	130,000
PB-AA	23,000	13,000	17,000	9,000	8,000	3,000	10,000	14,000	18,000	10,000
ZN-AA	55,000	85,000	30,000	26,000	45,000	25,000	50,000	70,000	75,000	200,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
FE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS698	DAS699	DAS700	DAS701	DAS702	DAS703	DAS704	DAS705	DAS706	DAS707
NUM. CAMPO	PS0134	PS0135	PS0136	PS0137	PS0140	PS0141	PS0142	PS0143	PS0145	PS0145
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRCCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.										
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0458	0517	0523	0490	0461	0451	0468	0461	0285	0331
ORDENADA - Y	0131	0030	0007	0018	0051	0050	0088	0088	0550	0333
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	B	B	B	B	C	B	C	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	B	A	B	B	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	4	4	2	6	8	2	8	4	6	6
PROFUND. RIO					0,4		0,5	0,1		
VELOC. CORR.					1		0	1		
NIVEL AGUA					1		1	1		
AREA CHENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA					C		C	A		
GRAU APRED.										
VOL. DEGEN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC. / SL.										
HORIZ. SCLM										
TORO SCLM										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMD. BICTICO	DAS698 PS0134	DAS699 PS0135	DAS700 PS0136	DAS701 PS0137	DAS702 PS0140	DAS703 PS0141	DAS704 PS0142	DAS705 PS0143	DAS706 PS0145	DAS707 PS0145
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH					5,7		5,7	5,7		
METAL TOTAL										
COEF. LIVRE	3 10	4 10	4 10	4 10	4 10	4 10	3 10	3 10	5 10	4 10
PARAMETROS ANALITICOS										
FE-S %	15,000	2,000	1,000	2,000	2,000	7,000	10,000	7,000	3,000	2,000
MG-S %	0,150	0,070	0,100	0,050	0,050	0,150	0,150	0,100	0,200	0,050
CA-S %	-0,050	0,050	0,100	0,150	-0,050	0,200	-0,050	-0,050	0,050	0,050
TI-S %	0,700	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	0,700	+1,000	+1,000
AN-S	200,000	150,000	150,000	200,000	150,000	1000,000	200,000	100,000	200,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	70,000	50,000	100,000	70,000	70,000	100,000	150,000	50,000
EA-S	300,000	200,000	200,000	100,000	100,000	150,000	500,000	300,000	500,000	150,000
BF-S	1,000	-1,000	-1,000	-1,000	-1,000	NAO DET.	1,500	1,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	10,000	5,000	10,000	7,000	50,000	50,000	10,000	30,000	10,000
CR-S	100,000	20,000	100,000	30,000	20,000	500,000	100,000	100,000	70,000	30,000
CU-S	50,000	10,000	100,000	20,000	10,000	50,000	50,000	20,000	30,000	30,000
LA-S	50,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	20,000	100,000	200,000	100,000	50,000
MO-S	-5,000	NAO DET.	-5,000	-5,000	-5,000	NAO DET.	-5,000	-5,000	-5,000	-5,000
NB-S	10,000	10,000	10,000	10,000	-10,000	20,000	15,000	10,000	20,000	15,000
NI-S	20,000	10,000	15,000	5,000	10,000	70,000	50,000	20,000	50,000	10,000
PB-S	10,000	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	-10,000	-10,000	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	5,000	-5,000	5,000	-5,000	10,000	20,000	15,000	20,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	150,000	100,000	100,000	100,000	300,000	200,000	100,000	200,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	30,000	50,000	20,000	70,000	70,000	100,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	1000,000	+1000,000	+1000,000	1000,000	+1000,000
CU-AA	10,000	8,000	40,000	4,000	8,000	14,000	28,000	10,000	22,000	5,000
PB-AA	8,000	-3,000	3,000	3,000	4,000	7,000	8,000	4,000	9,000	-3,000
ZN-AA	29,000	12,000	19,000	8,000	13,000	8,000	40,000	8,000	40,000	7,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA 2										
K-AA 2										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS708	DAS709	DAS710	DAS711	DAS712	DAS713	DAS714	DAS715	DAS716	DAS717
NUM. CAMPO	PS0147	PS0148	PS0149	PS0151	PS0152	PS0153	PS0154	PS0156	AM0568	AM0569
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA-21-X-D-V-1	SA-21-X-D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	55 00 00	55 00 00
ABCISSA - X	0351	0351	0372	0265	0261	0273	0272	0245	0372	0436
ORDENADA - Y	0026	0026	0084	0065	0067	0012	0003	0042	0542	0540
UTM - LESTE										
UTM - NORTE										
NER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
FOCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	B	B	B	B	B	B	B	C
SIT. ICPCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	3	3	4	6	5	8	4	3	10	10
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESU CENC.										
GRANULMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SELO										
TIPO SELO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. FICTICIO	DAS708 PS0147	DAS709 PS0148	DAS710 PS0149	DAS711 PS0151	DAS712 PS0152	DAS713 PS0153	DAS714 PS0154	DAS715 PS0156	DAS716 AM0568	DAS717 AM0569
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
COEF. LIVRE	4 10	4 10	4 10	4 10	4 10	5 10	4 10	4 10	1 10	1 10
PARAMETROS ANALITICOS										
FE-S %	1,500	1,500	2,000	5,000	3,000	3,000	0,200	0,200	5,000	2,000
MG-S %	0,100	0,200	0,200	0,200	0,050	0,050	0,020	0,020	0,070	0,050
CA-S %	-0,050	-0,050	0,050	0,050	-0,050	0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	0,300	0,500	0,300	0,500
MN-S	300,000	100,000	200,000	500,000	500,000	300,000	-10,000	50,000	300,000	20,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	150,000	150,000	100,000	100,000	70,000	70,000	50,000	70,000
BA-S	300,000	300,000	500,000	300,000	50,000	150,000	100,000	100,000	150,000	100,000
BE-S	-1,000	-1,000	1,000	1,000	-1,000	-1,000	NAO DET.	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	20,000	30,000	30,000	10,000	10,000	NAO DET.	NAO DET.	20,000	5,000
CR-S	70,000	100,000	70,000	70,000	30,000	50,000	20,000	15,000	50,000	70,000
CU-S	30,000	20,000	30,000	50,000	10,000	7,000	5,000	5,000	7,000	300,000
LA-S	50,000	50,000	70,000	100,000	20,000	20,000	NAO DET.	NAO DET.	50,000	20,000
MO-S	-4,000	-5,000	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	10,000	5,000
NO-S	15,000	15,000	20,000	15,000	15,000	15,000	-10,000	-10,000	-10,000	15,000
NI-S	50,000	70,000	50,000	50,000	15,000	20,000	5,000	-5,000	20,000	50,000
PB-S	-10,000	-10,000	-10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	20,000	15,000	5,000	5,000	NAO DET.	NAO DET.	5,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	100,000	150,000	200,000	150,000	150,000	20,000	20,000	150,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	100,000	70,000	30,000	50,000	20,000	10,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	1000,000	1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000
CU-AA	18,000	18,000	16,000	17,000	-3,000	8,000	NAO DET.	4,000	6,000	20,000
PR-AA	8,000	11,000	8,000	7,000	-3,000	3,000	-3,000	-3,000	10,000	8,000
ZN-AA	20,000	23,000	30,000	40,000	6,000	10,000	-3,000	-3,000	29,000	110,000
AG-AA										
CO-AA										
NI-AA										
RI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS718	DAS719	DAS720	DAS721	DAS722	DAS723	DAS724	DAS725	DAS726	DAS727
NUM. CAMPO	AM0571	AM0573	AM0574	AM0575	AM0578	AM0581	AM0582	AM0583	AM0584	AM0585
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABSCISSA - X	0505	0419	0456	0476	0490	0515	0543	0552	0531	0552
ORDENADA - Y	0540	0481	0490	0485	0469	0460	0452	0422	0370	0397
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	J	J	G	J	J	J	J	J	J
ID. CECLOG.										
MAT. CCLFT.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEF. OCCOR.										
LARGURA RIO	10	4	3	4	3	10	3	4	4	4
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	2	1	1	1	1
TURB. AGUA										
POS. CCLFTA	C	C	C	C	C	C	C	C	C	C
COP AGUA										
GRAU APPED.										
VOL. ORIGEM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.	A	C	C	C	C	C	C	C	C	C
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. DICTICO	DAS718 AM0571	DAS719 AM0573	LAS720 AM0574	DAS721 AM0575	DAS722 AM0578	DAS723 AM0581	DAS724 AM0582	DAS725 AM0583	DAS726 AM0584	DAS727 AM0585
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
COEF. LIVRE	1 10	2120	2120	2110	2120	2120	2120	2220	2220	2220
PARAMETROS ANALITICOS										
FE-S %	1,500	15,000	10,000	5,000	7,000	15,000	10,000	10,000	10,000	10,000
MG-S %	0,050	0,500	0,500	0,500	0,500	0,500	0,500	0,500	0,500	0,300
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	0,500	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	10,000	50,000	50,000	50,000	50,000	150,000	50,000	70,000	50,000	70,000
AG-S	NAO DET.	1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	150,000	150,000	150,000	100,000	100,000	150,000	100,000	100,000	150,000
BA-S	150,000	500,000	500,000	500,000	500,000	500,000	500,000	300,000	500,000	500,000
BE-S	-1,000	1,000	1,000	1,000	-1,000	-1,000	1,000	1,000	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	5,000	10,000	10,000	15,000	10,000	5,000	10,000	15,000	15,000
CR-S	50,000	150,000	150,000	150,000	150,000	100,000	100,000	100,000	150,000	150,000
CU-S	30,000	200,000	100,000	70,000	150,000	100,000	70,000	100,000	150,000	150,000
LA-S	20,000	100,000	70,000	50,000	70,000	70,000	70,000	50,000	100,000	100,000
MO-S	5,000	200,000	20,000	20,000	50,000	50,000	30,000	50,000	70,000	30,000
NB-S	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000
NI-S	15,000	70,000	70,000	50,000	70,000	70,000	30,000	50,000	100,000	70,000
PB-S	-10,000	70,000	50,000	20,000	100,000	20,000	20,000	50,000	100,000	30,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	30,000	20,000	20,000	30,000	30,000	20,000	20,000	30,000	30,000
SN-S	NAO DET.	INTERFER.	-10,000	-10,000	-10,000	INTERFER.	10,000	15,000	10,000	-10,000
SR-S	NAO DET.	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
V-S	100,000	500,000	200,000	200,000	300,000	500,000	300,000	300,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	100,000	70,000	70,000	100,000	70,000	70,000	70,000	100,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	200,000	300,000	500,000	1000,000	+1000,000	500,000	1000,000	500,000	1000,000
CU-AA	6,000	70,000	40,000	30,000	40,000	30,000	28,000	40,000	60,000	50,000
PB-AA	5,000	18,000	17,000	14,000	29,000	10,000	16,000	20,000	20,000	15,000
ZN-AA	14,000	23,000	45,000	30,000	18,000	30,000	23,000	35,000	70,000	45,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAS718 AM0571	DAS719 AM0573	DAS720 AM0574	DAS721 AM0575	DAS722 AM0578	DAS723 AM0581	DAS724 AM0582	DAS725 AM0583	DAS726 AM0584	DAS727 AM0585
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SB-AA	NAO DET.	3,000	1,000	-1,000	1,000	2,000	2,000	2,000	2,000	1,000
MO-AA	3,000	90,000	10,000	7,000	15,000	25,000	15,000	20,000	40,000	15,000
W-AA										
AS-CCL	-10,000	40,000	10,000	10,000	-10,000	10,000	10,000	10,000	10,000	10,000
SB-CCL										
CXCU-CCL										
MFT PFS										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SF-CCL										
U-COL	-10,000	20,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	10,000	10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS728	DAS729	DAS730	DAS731	DAS732	DAS733	DAS734	DAS735	DAS736	DAS737
NUM. CAMPO	AM0586	AM0589	AM0592	AM0593	AM0594	AM0595	AM0596	AM0597	AM0601	AM0502
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-4	D-V-4	D-V-4	D-V-4
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	54 45 00	54 45 00	54 45 00	54 45 00
ARCSISA - X	0554	0401	0422	0425	0433	0450	0148	0103	0085	0034
ORDENADA - Y	0360	0447	0425	0405	0399	0426	0364	0391	0459	0454
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	J	J	J	J	J	J	J	J	J
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEF. OCCOR.										
LARGURA RIO	4	7	4	3	2	5	1	1	1	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AERED.										
VOL. CRISTAL.										
PESO CONC.										
GRANULOMET.										
TEXT. SOLO.										
COR SEC./SL.		C								
HORIZ. SOLO										
TIPO SOLO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS728 AM0586	DAS729 AM0589	DAS730 AM0592	DAS731 AM0593	DAS732 AM0594	DAS733 AM0595	DAS734 AM0596	DAS735 AM0597	DAS736 AM0601	DAS737 AM0502
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2120	2220	2220	2220	2220	5 10	5 10	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	10,000	5,000	10,000	5,000	0,500	2,000	1,000	2,000
MG-S %	0,300	0,200	0,200	0,300	0,500	0,150	0,050	0,200	0,070	0,200
CA-S %	-0,050	0,050	-0,050	0,050	-0,050	-0,050	0,050	0,300	0,100	0,200
TI-S %	+1,000	+1,000	1,000	+1,000	+1,000	0,700	0,500	+1,000	1,000	1,000
MN-S	70,000	70,000	700,000	1000,000	100,000	100,000	200,000	500,000	200,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	150,000	100,000	100,000	30,000	100,000	50,000	70,000
BA-S	500,000	500,000	500,000	500,000	500,000	150,000	100,000	300,000	150,000	200,000
BE-S	1,000	1,500	1,000	1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	15,000	50,000	50,000	20,000	5,000	-5,000	20,000	5,000	20,000
CR-S	100,000	70,000	150,000	100,000	200,000	100,000	50,000	50,000	30,000	70,000
CU-S	150,000	30,000	200,000	70,000	100,000	7,000	5,000	30,000	7,000	30,000
LA-S	100,000	70,000	70,000	100,000	100,000	50,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-S	30,000	5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	-5,000	-5,000
NO-S	15,000	15,000	15,000	20,000	20,000	10,000	-10,000	10,000	10,000	10,000
NI-S	70,000	50,000	70,000	70,000	70,000	20,000	5,000	30,000	10,000	50,000
PR-S	50,000	15,000	15,000	50,000	50,000	-10,000	NAO DET.	20,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	30,000	30,000	15,000	NAO DET.	15,000	5,000	10,000
SN-S	-10,000	-10,000	10,000	-10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	-100,000	100,000	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	150,000	150,000	200,000	100,000	30,000	150,000	50,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	100,000	70,000	50,000	10,000	30,000	20,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000
CU-AA	35,000	20,000	90,000	21,000	30,000	9,000	-3,000	9,000	4,000	10,000
PR-AA	17,000	11,000	11,000	13,000	18,000	6,000	-3,000	29,000	3,000	5,000
ZN-AA	35,000	35,000	75,000	28,000	40,000	18,000	3,000	40,000	8,000	15,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS738	DAS739	DAS740	DAS741	DAS742	DAS743	DAS744	DAS745	DAS746	DAS747
NUM. CAMPO	AM0603	AM0604	AM0606	AM0609	AM0610	AM0611	AM0612	AM0613	AM0614	AM0615
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 30 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0105	0112	0180	0216	0221	0224	0217	0266	0257	0237
ORDENADA - Y	0453	0458	0399	0404	0401	0381	0376	0383	0345	0319
UTM - LESTE										
UTM - NORTE										
MEF. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	C	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRFD.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCR.										
LARGURA RIO	2	2	2	2	2	1	1	2	2	1
PROFUND. RIO			0,1							
VELOC. CORR.			1							
NIVEL AGUA			1							
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA			0							
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SCIO										
TIPO SELE										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS738 AM0603	DAS739 AM0604	DAS740 AM0606	DAS741 AM0609	DAS742 AM0610	DAS743 AM0611	DAS744 AM0612	DAS745 AM0613	DAS746 AM0614	DAS747 AM0615
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			6,0							
METAL TOTAL										
CODIF. LIVRE	5 10	5 10	5 10	5 40	5 10	5 10	5 10	5 10	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	0,300	0,700	0,500	1,500	1,000	0,700	1,000	2,000	1,000	2,000
MG-S %	0,050	0,070	0,050	0,100	0,100	0,070	0,100	0,150	0,050	0,150
CA-S %	0,070	0,100	0,100	0,300	0,100	0,100	-0,050	0,300	0,070	0,070
TI-S %	0,200	1,000	0,300	1,000	1,000	1,000	+1,000	+1,000	+1,000	1,000
MN-S	20,000	150,000	1000,000	200,000	150,000	200,000	20,000	200,000	100,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	20,000	50,000	50,000	70,000	100,000	70,000	50,000	50,000	50,000	50,000
BA-S	50,000	150,000	150,000	150,000	150,000	100,000	100,000	150,000	100,000	150,000
BF-S	-1,000	-1,000	NAO DET.	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	5,000	5,000	-5,000	-5,000	10,000	5,000	7,000
CR-S	15,000	20,000	50,000	30,000	30,000	30,000	70,000	100,000	20,000	50,000
CU-S	-5,000	5,000	-5,000	7,000	10,000	10,000	7,000	20,000	5,000	50,000
LA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000
NB-S	-10,000	10,000	-10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	5,000	5,000	-5,000	15,000	15,000	20,000	10,000	20,000	7,000	20,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	-5,000	NAO DET.	5,000	5,000	7,000	5,000	5,000	-5,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	30,000	50,000	30,000	70,000	70,000	70,000	70,000	100,000	50,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	10,000	20,000	20,000	30,000	50,000	50,000	50,000	20,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	-3,000	4,000	-3,000	4,000	6,000	8,000	4,000	8,000	-3,000	10,000
PB-AA	-3,000	3,000	NAO DET.	3,000	3,000	3,000	-3,000	-3,000	-3,000	-3,000
ZN-AA	5,000	8,000	3,000	20,000	8,000	8,000	4,000	9,000	4,000	12,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AM-AA										
NA-AA										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS748	DAS749	DAS750	DAS751	DAS752	DAS753	DAS754	DAS755	DAS756	DAS898
NUM. CAMPO	AM0616	AM0617	AM0618	AM0619	AM0521	AM0626	AM0627	AM0628	AM0629	ES0072
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA21X0VI
BASE CART.	D-V-4	D-V-4	D-V-4	D-V-2	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	I
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	11/77
LATITUDE	02 00 07 S	02 00 00 S	02 00 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 30 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 30 00
ABCISSA - X	0193	0182	0243	0216	0113	0412	0433	0436	0450	0275
ORDENADA - Y	0489	0515	0534	0015	0314	0407	0405	0374	0410	0431
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPU AMOST.	A	A	A	A	A	A	A	A	A	B
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	K	K	K	B	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	SILT
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	A
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	2	2	2	2	2	5	3	2	5	3
PROFUND. RIO				0,2						0,5
VELOC. CORR.				1						0
NIVEL AGUA				1						0
AREA DRENAG.	1	1	1	1	1	1	1	1	2	1
TURB. AGUA				0						0
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABREJ.										B
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SED										
TIPO SCLC										

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13411
D

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIÓTIPO	DAS748 AM0616	DAS749 AM0617	DAS750 AM0618	DAS751 AM0619	DAS752 AM0621	DAS753 AM0626	DAS754 AM0627	DAS755 AM0628	DAS756 AM0629	DAS898 ESJ072
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH				5,7						
METAL TOTAL CONDIF. LIVRE	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	7510
PARAMETROS ANALITICOS										
FE-S %	1,500	0,200	0,150	0,300	1,000	1,000	5,000	2,000	5,000	1,000
MG-S %	0,200	0,050	0,050	0,050	0,100	0,100	1,000	0,200	1,000	0,150
CA-S %	0,050	0,050	-0,050	-0,050	0,070	0,100	0,500	0,300	0,500	-0,050
TI-S %	+1,000	0,500	0,300	0,300	0,500	1,000	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	10,000	100,000	-10,000	200,000	200,000	500,000	200,000	2000,000	20,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	70,000	50,000	50,000	150,000	100,000	100,000	150,000
BA-S	500,000	150,000	150,000	100,000	150,000	150,000	500,000	200,000	1000,000	150,000
BE-S	-1,000	-1,000	NAO DET.	NAO DET.	-1,000	-1,000	2,000	-1,000	2,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	NAO DET.	NAO DET.	NAO DET.	5,000	5,000	50,000	15,000	50,000	-5,000
CR-S	70,000	20,000	10,000	70,000	20,000	15,000	100,000	70,000	100,000	70,000
CU-S	50,000	5,000	-5,000	5,000	5,000	5,000	100,000	20,000	150,000	-5,000
LA-S	30,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	150,000	20,000	100,000	70,000
MO-S	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	5,000	NAO DET.
NB-S	10,000	-10,000	-10,000	-10,000	-10,000	10,000	15,000	15,000	15,000	15,000
NI-S	30,000	-5,000	NAO DET.	5,000	10,000	10,000	100,000	30,000	100,000	10,000
PH-S	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	70,000	NAO DET.	70,000	20,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	30,000	10,000	30,000	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	10,000	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	150,000	-100,000	150,000	NAO DET.
V-S	150,000	30,000	20,000	30,000	70,000	70,000	200,000	100,000	200,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	20,000	10,000	100,000	20,000	20,000	70,000	50,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	200,000	NAO DET.
ZP-S	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	1000,000	300,000	+1000,000	200,000	+1000,000
CU-AA	12,000	-3,000	NAO DET.	-3,000	5,000	-3,000	35,000	13,000	40,000	4,000
PB-AA	4,000	-3,000	-3,000	-3,000	-3,000	3,000	19,000	6,000	19,000	27,000
ZN-AA	18,000	3,000	3,000	-3,000	10,000	7,000	75,000	20,000	85,000	20,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS999	DAS900	DAS901	DAS902	DAS903	DAS904	DAS905	DAS906	DAS907	DAS908
NUM. CAMPO	ES0073	ES0074	ES0075	ES0076	ES0077	ES0078	ES0079	ES0080	ES0081	ES0082
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0051	0045	0039	0061	0059	0075	0094	0131	0134	0133
ORDENADA - Y	0334	0341	0337	0340	0334	0333	0339	0318	0315	0289
UTM - LESTE										
UTM - NORTE										
REP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	J	J	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLET.	CSCL	CSCL	CSCL	ARGL	CSCL	CSCL	SILT	CSCL	CSCL	ARGL
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	C	B	B	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	3	2	2	1	5	2	2	6	3	4
PROFUND. RIO	1,2	0,6	0,8	0,6	1,5	0,6	0,6	2,0	0,6	1,0
VELOC. CORP.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	2	1	1
TIPO AGUA	0	0	0	0	0	0	0	0	0	0
POS. CLEFTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABREG.	H	A	B	D	A	B	C	A	A	D
VOL. ORIGIN.										
PFSU CONC.										
GRANULOMET.	AB	AB	AF	CM	AB	AB	CM	AB	AB	CM
TEXT. SEDIM.	42211	42211	41221	1261	61111	51211	2521	41212	52111	1152
COR. SED./SL.	C	C	C	D	C	C	I	C	C	C
HORIZ. SCIP										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS899 FS0073	DAS900 ES0074	DAS901 ES0075	DAS902 ES0076	DAS903 ES0077	DAS904 ES0078	DAS905 ES0079	DAS906 ES0080	DAS907 ES0081	DAS908 ES0082
PARAMETROS ANALITICOS DE CAMPO										
FM CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2120	2120	2120	2120	2120	2120	2120	2120	2 20	2220
PARAMETROS ANALITICOS										
FF-S %	15,000	15,000	15,000	7,000	15,000	15,000	15,000	15,000	15,000	7,000
HG-S %	0,500	0,700	0,700	0,500	0,700	0,700	0,300	0,500	0,500	0,700
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	0,700	0,700	0,700	1,000	0,700	0,500	0,300	0,500	0,500	+1,000
MN-S	50,000	30,000	70,000	50,000	70,000	30,000	20,000	30,000	30,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	150,000	100,000	100,000	100,000	100,000	70,000	100,000	70,000	100,000
BA-S	300,000	300,000	300,000	300,000	300,000	200,000	200,000	300,000	200,000	300,000
BE-S	1,500	1,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	7,000	10,000	10,000	7,000	7,000	5,000	7,000	7,000	30,000
CR-S	200,000	300,000	300,000	300,000	150,000	300,000	70,000	150,000	200,000	300,000
CU-S	50,000	70,000	100,000	70,000	70,000	100,000	30,000	50,000	30,000	100,000
LA-S	100,000	100,000	150,000	100,000	100,000	100,000	70,000	70,000	70,000	100,000
MO-S	-5,000	7,000	-5,000	7,000	-5,000	7,000	-5,000	7,000	7,000	7,000
NR-S	10,000	10,000	15,000	15,000	10,000	10,000	10,000	10,000	-10,000	10,000
NI-S	70,000	70,000	70,000	70,000	50,000	50,000	20,000	50,000	50,000	70,000
PB-S	50,000	70,000	70,000	50,000	50,000	70,000	50,000	50,000	30,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	50,000	30,000	50,000	30,000	50,000	30,000	30,000	30,000	70,000
SN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	INTERFER.
SR-S	150,000	150,000	150,000	150,000	150,000	100,000	NAO DET.	100,000	100,000	150,000
V-S	300,000	300,000	300,000	300,000	300,000	300,000	150,000	200,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	50,000	50,000	30,000	30,000	50,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	100,000	100,000	100,000	150,000	100,000	70,000	70,000	100,000	100,000	300,000
CU-AA	45,000	40,000	70,000	50,000	40,000	55,000	50,000	55,000	50,000	55,000
PB-AA	21,000	15,000	21,000	16,000	19,000	16,000	13,000	16,000	15,000	21,000
ZN-AA	20,000	13,000	35,000	22,000	22,000	17,000	23,000	18,000	23,000	35,000
AG-AA										
CI-AA										
NI-AA										
BI-AA										
CD-AA										
PF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORPENTE

NUM. LAB.	DAS909	DAS910	DAS911	DAS912	DAS913	DAS914	DAS915	DAS916	DAS917	DAS918
NUM. CAMPO	ES0093	ES0084	ES0085	ES0086	ES0087	ES0088	ES0089	ES0090	ES0091	ES0092
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
EASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
RASF. CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0205	0292	0282	0282	0294	0359	0304	0285	0348	0312
ORDENADA - Y	0272	0161	0158	0158	0147	0109	0077	0134	0036	0055
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARÂMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PFC.	G	J				G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	CSCL	SILT	SILT	SILT	AREA	ARGL	ARGL	SILT	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	B	A	A	A	B	B	B	C	B
SIT. TCPCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA ICNEA										
SIT. FSTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTEP.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	3	1	2	2	2	3	3	2	3	3
PREFUND. RIO	2,0	0,2	0,2	0,2	1,5	0,6	0,4	0,3	1,8	1,5
VELOC. CCPR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	2	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. CLEFTA	C	C	C	C	C	C	C	C	C	C
CIDR AGUA										
GRAU APRED.	B	D	D	D	B	D	D	D	C	B
VOL. CRICIN.										
PESO CCNE.										
GRANULOMET.	AF	CM	CM	CM	BG	CM	DM	CM	BG	BG
TEXT. SEDIM.	32122	3421	1531	1531	171 1	3241	1162	1621	6121	18 1
CON. SED. ASE.	F	F	D	D	F	F	F	D	F	G
HORIZ. SED.										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS909 FS0083	DAS910 ES0084	DAS911 ES0085	DAS912 FS0086	DAS913 ES0087	DAS914 ES0088	DAS915 ES0089	DAS916 ES0090	DAS917 ES0091	DAS918 ES0092
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2C10	2C10	2C11	2310	2310	2310	2310	2310	2310
PARAMETROS ANALITICOS										
FE-S %	15,000	2,000	3,000	3,000	3,000	10,000	3,000	3,000	3,000	7,000
MG-S %	0,300	0,100	0,300	0,200	0,150	0,200	0,070	0,150	0,100	0,070
CA-S %	-0,050	0,100	0,100	0,100	0,050	-0,050	-0,050	0,050	0,070	-0,050
TI-S %	1,000	1,000	+1,000	+1,000	1,000	+1,000	1,000	1,000	+1,000	+1,000
MN-S	100,000	150,000	150,000	200,000	150,000	200,000	100,000	150,000	700,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	70,000	70,000	70,000	100,000	100,000	70,000	70,000	50,000
BA-S	300,000	500,000	700,000	700,000	500,000	200,000	150,000	500,000	100,000	30,000
BF-S	1,500	-1,000	1,500	1,500	1,000	1,500	1,500	1,500	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	10,000	15,000	15,000	15,000	50,000	20,000	20,000	20,000	30,000
CR-S	300,000	70,000	100,000	70,000	70,000	100,000	50,000	70,000	50,000	70,000
CU-S	70,000	70,000	70,000	70,000	70,000	30,000	7,000	30,000	20,000	-5,000
LA-S	100,000	50,000	150,000	100,000	70,000	100,000	70,000	100,000	50,000	150,000
MO-S	5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	NAO DET.	NAO DET.
NR-S	15,000	15,000	15,000	15,000	15,000	15,000	10,000	10,000	-10,000	10,000
NI-S	70,000	30,000	30,000	30,000	30,000	70,000	20,000	50,000	20,000	20,000
PI-S	70,000	10,000	150,000	100,000	10,000	15,000	-10,000	70,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	10,000	20,000	15,000	15,000	INTERFER.	10,000	15,000	INTERFER.	10,000
SN-S	NAO DET.	NAO DET.	10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.
V-S	300,000	100,000	150,000	150,000	100,000	150,000	70,000	150,000	100,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	70,000	70,000	70,000	70,000	50,000	50,000	30,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	1000,000	700,000	500,000	+1000,000	+1000,000	1000,000	500,000	+1000,000	1000,000
CU-AA	40,000	10,000	21,000	24,000	11,000	18,000	10,000	22,000	14,000	7,000
PB-AA	26,000	10,000	50,000	30,000	8,000	15,000	5,000	26,000	-3,000	NAO DET.
ZN-AA	70,000	24,000	40,000	50,000	35,000	65,000	35,000	55,000	12,000	5,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS919	DAS920	DAS921	DAS922	DAS923	DAS924	DAS925	DAS926	DAS927	DAS928
NUM. CAMPO	ES0093	ES0094	ES0095	ES0097	ES0098	ES0099	ES0100	ES0101	ES0102	ES0103
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0380	0261	0226	0221	0239	0236	0223	0407	0408	0388
ORDENADA - Y	0093	0061	0064	0114	0119	0119	0112	0061	0057	0531
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. CECLOG.										
MAT. COLET.	ARGL	ARGL	AREA	CSCL	SILT	CSCL	AREA	AREA	AREA	AREA
PLUVIOLOGIA	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	A	A	A	B	B	C	C	C	B
SIT. TOPOG.										
SIT. AMOST.	A	A	C	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO PINEP.										
DEP. CCCCP.										
LARGURA RIO	4	2	3	5	2	3	3	3	3	3
PROFUND. RIO	1,2	0,3	1,0	1,0	0,6	0,8	0,7	2,0	2,0	1,5
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	1	0	0	0	0	0	0	0
AREA DRENAG.	1	1	2	1	1	1	1	1	2	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA			A	A						
GRAU ABRED.	D	D	C	A	D	B	B	B	B	B
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.	CM	DM	BG	AB	CM	AB	BG	BG	BG	BG
TEXT. SEDIM.	2152	1252	71 2	43111	2521	531 1	7111	7111	7111	25111
COR SEC./SL.	I	D	A	A	D	G	F	I	I	F
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS919 ES0093	DAS920 ES0094	DAS921 ES0095	DAS922 ES0097	DAS923 ES0098	DAS924 ES0099	DAS925 ES0100	DAS926 ES0101	DAS927 ES0102	DAS928 ES0103
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			5.3							
METAL TOTAL										
COCIF. LIVRE	2310	3 20	3 20	2310	2310	2310	2310	2310	2310	3 10
PARAMETROS ANALITICOS										
FE-S %	7,000	1,500	0,500	15,000	1,500	10,000	0,700	5,000	2,000	5,000
MG-S %	0,300	0,150	0,030	0,150	0,150	0,200	0,030	0,070	0,050	0,100
CA-S %	0,050	0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,050	-0,050	-0,050
TI-S %	+1,000	1,000	0,700	1,000	+1,000	1,000	0,700	+1,000	+1,000	+1,000
MN-S	150,000	100,000	30,000	500,000	30,000	100,000	15,000	300,000	200,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	70,000	100,000	150,000	100,000	150,000	70,000	70,000	50,000
BA-S	300,000	300,000	70,000	200,000	150,000	200,000	70,000	150,000	100,000	100,000
BE-S	1,500	3,000	-1,000	1,500	1,500	1,000	-1,000	-1,000	-1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	15,000	5,000	30,000	10,000	15,000	7,000	15,000	15,000	15,000
CR-S	200,000	70,000	15,000	100,000	70,000	100,000	30,000	50,000	30,000	30,000
CU-S	50,000	20,000	-5,000	30,000	5,000	10,000	-5,000	20,000	10,000	20,000
LA-S	100,000	100,000	70,000	100,000	70,000	150,000	150,000	50,000	50,000	50,000
MO-S	5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	NAO DET.	-5,000	NAO DET.	NAO DET.
NR-S	10,000	10,000	10,000	10,000	15,000	15,000	10,000	10,000	15,000	10,000
NI-S	30,000	30,000	5,000	50,000	30,000	50,000	15,000	15,000	15,000	15,000
PB-S	-10,000	20,000	NAO DET.	15,000	-10,000	15,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	-5,000	20,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	100,000	30,000	200,000	100,000	150,000	30,000	150,000	100,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	70,000	50,000	150,000	50,000	50,000	50,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	700,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000
CU-AA	30,000	23,000	-3,000	17,000	10,000	15,000	-3,000	15,000	6,000	10,000
PR-AA	-3,000	11,000	NAO DET.	5,000	10,000	13,000	5,000	-3,000	NAO DET.	-3,000
ZN-AA	17,000	45,000	3,000	25,000	30,000	45,000	7,000	16,000	7,000	8,000
AG-AA										
CO-AA										
NI-AA										
RI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
X-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS929	DAS930	DAS931	DAS932	DAS933	DAS934	DAS935	DAS936	DAS937	DAS938
NUM. CAMPO	ES0104	ES0105	ES0106	ES0107	ES0108	ES0109	ES0110	ES0111	ES0114	ES0115
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	3	3	3	3	3	3	3	3	3	3
PASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0388	0376	0379	0417	0417	0421	0429	0433	0477	0480
ORDENADA - Y	0505	0508	0506	0530	0530	0506	0490	0491	0532	0510
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	CSCL	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGAEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	3	2	2	2	2	3	2	2	3	2
PROFUND. RIO	0,6	0,5	0,6	1,6	1,6	0,7	0,3	0,4	0,5	0,2
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLITA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.	A	B	B	B	B	C	B	B	B	C
VOL. CRICIN.										
PESO CONC.										
GRANULEMET.	AB	BG	BG	BG	BG	CM	BG	BG	BG	BM
TEXT. SEDIM.	5111	7111	7111	7111	7111	5111	5111	7111	7111	6211
COR SED./SL.	F	F	F	F	F	D	C	C	C	C
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE COPRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS929 ES0104	DAS930 ES0105	DAS931 ES0106	DAS932 FS0107	DAS933 ES0108	DAS934 ES0109	DAS935 ES0110	DAS936 ES0111	DAS937 ES0114	DAS938 ES0115
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4 10	4 10	4 10	3 10	3 11	4 10	4910	4910	4910	4910
PARAMETROS ANALITICOS										
FE-S %	10,000	0,700	5,000	3,000	3,000	7,000	7,000	10,000	10,000	7,000
MG-S %	0,100	0,030	0,070	0,100	0,100	0,150	0,300	0,300	0,300	0,100
CA-S %	-0,050	-0,050	0,150	0,100	0,070	0,100	0,200	0,500	0,500	0,070
TI-S %	+1,000	0,700	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	3000,000	100,000	1000,000	1000,000	700,000	700,000	1000,000	3000,000	1500,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	70,000	15,000	50,000	50,000	30,000	30,000	50,000	15,000	30,000
BA-S	100,000	100,000	70,000	150,000	150,000	150,000	200,000	300,000	150,000	150,000
BF-S	-1,000	-1,000	NAO DET.	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	5,000	15,000	15,000	15,000	50,000	30,000	50,000	50,000	15,000
CR-S	70,000	15,000	20,000	20,000	150,000	70,000	30,000	50,000	30,000	50,000
CU-S	7,000	-5,000	7,000	20,000	20,000	30,000	50,000	70,000	50,000	20,000
LA-S	NAO DET.	70,000	100,000	30,000	30,000	30,000	30,000	NAO DET.	30,000	30,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	-5,000	10,000	10,000	15,000	10,000	15,000	-10,000	15,000	15,000
NI-S	20,000	-5,000	15,000	15,000	30,000	30,000	50,000	30,000	50,000	20,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	NAO DET.	INTERFER.	10,000	INTERFER.	15,000	20,000	7,000	15,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	50,000	300,000	200,000	200,000	200,000	300,000	300,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	30,000	30,000	50,000	50,000	30,000	30,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	700,000	300,000	1000,000	200,000	200,000
CU-AA	7,000	3,000	6,000	12,000	19,000	28,000	40,000	35,000	40,000	12,000
PB-AA	-3,000	NAO DET.	NAO DET.	-3,000	3,000	10,000	-3,000	-3,000	-3,000	NAO DET.
ZN-AA	4,000	-3,000	3,000	9,000	14,000	20,000	28,000	23,000	21,000	9,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORPENTE

NUM. LAB.	DAS939	DAS940	DAS941	DAS942	DAS943	DAS944	DAS945	DAS946	DAS947	DAS948
NUM. CAMPO	FS0116	ES0117	ES0118	ES0119	ES0120	ES0123	ES0124	ES0125	ES0126	ES0127
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVENIENCIA	RR	BB	BB	RR	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0480	0355	0356	0341	0291	0499	0495	0478	0474	0459
ORDENADA - Y	0510	0543	0539	0526	0054	0017	0019	0007	0005	0039
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	B	C	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.		G	G	G	G	G	G	G	J	J
ID. GEOLOG.										
MAT. COLET.	AREA	AREA	AREA	SILT	ARGL	AREA	AREA	ARGL	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	B	B	B	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	C	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PROF.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	2	2	3	3	7	7	5	2	7	2
PROFUND. RIO	0,2	1,0	1,0	0,5	0,8	1,5	2,5	2,0	3,0	3,0
VELOC. COCCR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	1	0	0	0	0	0
AREA DRENAG.	1	1	1	1	3	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABRED.	C	B	B	C	D	B	C	D	C	C
VOL. CRISTAL.										
PESO CONC.										
GRANULOMET.	BM	BG	BG	CM	CM	BG	MB	FG	CG	CG
TEXT. SEDIM.	6211	7111	7111	2431	2242	16111	7111	163	6211	5211
COR SED./SL.	C	A	A	I	D					
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS939 ES0116	DAS940 ES0117	DAS941 ES0118	DAS942 ES0119	DAS943 ES0120	DAS944 ES0123	DAS945 ES0124	DAS946 ES0125	DAS947 ES0126	DAS948 ES0127
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH					5,6					
METAL TOTAL										
CONDIF. LIVRE	4910	3 10	3 10	3 10	3 30	3 20	3 20	3920	3920	3920
PARAMETROS ANALITICOS										
FE-S %	5,000	1,000	2,000	7,000	7,000	10,000	1,500	3,000	10,000	5,000
MG-S %	0,070	0,070	0,100	0,300	0,150	0,300	0,070	0,300	0,300	0,300
CA-S %	0,070	0,050	0,050	-0,050	0,100	0,150	-0,050	0,500	0,500	0,150
TI-S %	+1,000	0,700	0,700	0,700	+1,000	+1,000	0,700	+1,000	+1,000	+1,000
MN-S	1500,000	150,000	200,000	200,000	500,000	1000,000	100,000	300,000	1000,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	20,000	70,000	50,000	70,000	70,000	50,000	70,000	30,000	30,000	70,000
BA-S	100,000	100,000	150,000	300,000	150,000	150,000	150,000	70,000	150,000	200,000
BE-S	-1,000	-1,000	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	10,000	10,000	20,000	30,000	50,000	7,000	15,000	50,000	30,000
CR-S	30,000	15,000	50,000	70,000	50,000	150,000	20,000	50,000	100,000	70,000
CU-S	20,000	-5,000	7,000	20,000	50,000	15,000	30,000	50,000	7,000	30,000
LA-S	30,000	30,000	30,000	100,000	50,000	70,000	30,000	30,000	20,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	-10,000	-10,000	10,000	15,000	-10,000	15,000	-10,000	15,000	15,000
NI-S	15,000	10,000	30,000	50,000	50,000	100,000	15,000	50,000	70,000	70,000
PB-S	NAO DET.	NAO DET.	NAO DET.	10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	-5,000	5,000	15,000	15,000	15,000	-5,000	7,000	15,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	50,000	50,000	100,000	200,000	500,000	50,000	150,000	300,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	30,000	30,000	70,000	50,000	30,000	70,000	30,000	30,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	700,000	1000,000	500,000	300,000	500,000	+1000,000	500,000	200,000	1000,000
CU-AA	13,000	3,000	6,000	14,000	27,000	15,000	9,000	23,000	12,000	27,000
PB-AA	NAO DET.	NAO DET.	-3,000	12,000	3,000	5,000	-3,000	3,000	-3,000	-3,000
ZN-AA	9,000	7,000	11,000	40,000	22,000	30,000	18,000	20,000	25,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS949	DAS950	DAS951	DAS952	DAS953	DAS954	DAS955	DAS956	DAS957	DAS958
NUM. CAMPO	ES0128	ES0129	ES0130	ES0131	ES0132	ES0133	ES0134	ES0135	ES0136	ES0137
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CAPT.	1	3	3	3	3	3	3	3	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0470	0510	0513	0535	0502	0431	0441	0440	0211	0211
ORDENADA - Y	0055	0520	0524	0512	0536	0541	0533	0538	0135	0135
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONT. AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	J	L	D	J	L	J	J	G	G
ID. GEOLG.										
MAT. COLT.	AREA	AREA	ARGL	ARFA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MIXEP.										
DEP. CCCCP.										
LARGURA RIO	4	3	6	5	2	2	3	7	4	4
PROFUND. RIO	1,0	1,0	2,0	2,0	1,0	1,0	2,0	2,5	0,6	0,6
VELOC. CCFR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	2	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. CRISTA	C	C	C	C	C	C	C	C	C	C
CHR AGUA										
GRAU ARRED.	B	C	D	B	C	C	C	C	C	C
VOL. ORIGIN.										
PERM. LENT.										
GRANULOMET.	BG	CG	MF	BG	MC	CG	CG	CG	BG	3G
TEXT. SEDIM.	15211	6211	343	16111	6211	6211	7111	7111	6211	6211
CHR. SED. SL.			E	C	C	C	C	C	I	I
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS949 ES0128	DAS950 ES0129	DAS951 ES0130	DAS952 ES0131	DAS953 ES0132	DAS954 ES0133	DAS955 ES0134	DAS956 ES0135	DAS957 ES0136	DAS958 ES0137
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PARAMETROS ANALITICOS DE CAMPO

FH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVPE	2310	4820	4820	4810	3920	3 20	3 20	3 20	2310	2311

PARAMETROS ANALITICOS

FE-S %	7,000	15,000	20,000	15,000	INSUFIC.	5,000	15,000	10,000	2,000	2,000
MG-S %	0,200	0,700	1,500	0,700	INSUFIC.	0,200	0,700	0,200	0,100	0,100
CA-S %	0,150	0,300	2,000	1,500	INSUFIC.	0,150	1,500	0,100	-0,050	-0,050
TI-S %	+1,000	1,000	+1,000	+1,000	INSUFIC.	+1,000	+1,000	+1,000	1,000	+1,000
AN-S	500,000	700,000	1000,000	1500,000	INSUFIC.	700,000	1000,000	2000,000	700,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	30,000	20,000	50,000	INSUFIC.	70,000	20,000	20,000	70,000	100,000
BA-S	150,000	200,000	200,000	200,000	INSUFIC.	150,000	200,000	100,000	150,000	150,000
BE-S	1,000	1,000	-1,000	-1,000	INSUFIC.	-1,000	-1,000	-1,000	-1,000	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	100,000	100,000	70,000	INSUFIC.	30,000	70,000	50,000	20,000	15,000
CR-S	70,000	100,000	500,000	70,000	INSUFIC.	70,000	70,000	70,000	50,000	30,000
CU-S	100,000	100,000	300,000	100,000	INSUFIC.	50,000	150,000	7,000	-5,000	-5,000
LA-S	50,000	50,000	20,000	50,000	INSUFIC.	70,000	NAO DET.	70,000	50,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	10,000	10,000	-10,000	15,000	INSUFIC.	15,000	10,000	10,000	15,000	15,000
NT-S	70,000	70,000	200,000	70,000	INSUFIC.	50,000	70,000	70,000	30,000	30,000
PB-S	NAO DET.	-10,000	-10,000	10,000	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	30,000	30,000	INSUFIC.	15,000	20,000	INTERFER.	INTERFER.	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	200,000	100,000	INSUFIC.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	300,000	300,000	500,000	INSUFIC.	200,000	300,000	500,000	70,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	INSUFIC.	70,000	50,000	70,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	300,000	200,000	300,000	INSUFIC.	700,000	200,000	+1000,000	+1000,000	+1000,000
CU-AA	55,000	65,000	170,000	60,000	PERDIDA	30,000	65,000	14,000	5,000	5,000
PB-AA	5,000	6,000	3,000	5,000	PERDIDA	-3,000	5,000	5,000	5,000	5,000
ZN-AA	60,000	45,000	70,000	60,000	PERDIDA	23,000	30,000	17,000	35,000	45,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAS949 ES0128	DAS950 ES0129	DAS951 ES0130	DAS952 FS0131	DAS953 ES0132	DAS954 ES0133	DAS955 ES0134	DAS956 ES0135	DAS957 ES0136	DAS958 ES0137
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA										
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-PERDIDA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	PERDIDA	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL	-10,000	-10,000	-10,000	-10,000	PERDIDA	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS959	DAS960	DAS961	DAS962	DAS963	DAS964	DAS965	DAS966	DAS967	DAS968
NUM. CAMPO	ES0138	ES0139	ES0140	FS0141	ES0142	ES0143	ES0144	ES0145	ES0146	ES0147
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	1	1	3	3	1	3	3	3	3	3
PASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0182	0173	0240	0246	0263	0259	0282	0206	0176	0177
ORDENADA - Y	0143	0158	0544	0538	0002	0549	0541	0523	0544	0527
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G								
ID. GEOLOG.										
MAT. COLT.	SILT	SILT	ARGL	SILT	SILT	CSCCL	CSCCL	ARGL	AREA	AREA
PLUVIOSIDADE	A	A	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	A	C	C	C	C	A	C	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTEND.										
TIPO ALTER.										
TIPO MINER.										
DEF. OCCOR.										
LARGURA RIO	3	2	2	2	3	4	3	4	2	2
PROFUND. RIO	0,6	0,2	0,5	0,7	0,8	0,8	0,7	1,0	0,7	0,3
VELOC. CORR.	0	0	0	0	0	0	0	0	0	1
NIVEL AGUA	0	0	0	0	0	0	0	0	0	1
AREA DEFENAG.	1	1	1	1	1	1	1	1	1	1
TUBO. AGUA	0	0	0	0	0	0	0	0	0	1
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AMREC.	C	D	D	D	B	A	A	D	B	B
VOL. OPTICN.										
PESU CONC.										
GRANULOMET.	CM	CM	CM	DM	BM	AB	AB	DM	BG	3G
TEST. QUIM.	3331	3331	3331	3331	3331	3331	3331	3331	7111	7111
COR SEP./SL.	I	I	D	D	I	C	C	D	A	D
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO AMR. BICTICO	DAS959 ES0138	DAS960 ES0139	DAS961 ES0140	DAS962 ES0141	DAS963 ES0142	DAS964 ES0143	DAS965 ES0144	DAS966 ES0145	DAS967 ES0146	DAS968 ES0147
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										7.0
METAL TOTAL										
CODE. LIVRE	2317	2310	3 20	3 20	3 20	3920	3920	3 20	3 20	4 13
PARAMETROS ANALITICOS										
FE-S %	5,000	2,000	7,000	1,500	15,000	7,000	7,000	5,000	1,500	2,000
MG-S %	0,150	0,150	0,200	0,100	0,200	0,200	0,200	0,200	0,070	0,150
CA-S %	-0,050	-0,050	0,200	-0,050	0,050	-0,050	0,050	0,070	-0,050	0,050
TI-S %	1,000	1,000	+1,000	+1,000	0,700	0,700	0,700	1,000	0,700	1,000
MN-S	1500,000	100,000	1000,000	150,000	500,000	300,000	500,000	200,000	150,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	50,000	70,000	70,000	70,000	50,000	50,000	30,000	70,000
BA-S	300,000	150,000	200,000	150,000	300,000	200,000	200,000	500,000	100,000	200,000
BE-S	1,500	1,000	1,500	-1,000	3,000	2,000	1,500	2,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CP-S	70,000	10,000	50,000	10,000	30,000	20,000	20,000	30,000	10,000	20,000
CR-S	70,000	70,000	70,000	70,000	100,000	70,000	70,000	70,000	200,000	100,000
CU-S	10,000	10,000	200,000	20,000	50,000	30,000	20,000	70,000	7,000	20,000
LA-S	100,000	70,000	50,000	70,000	50,000	50,000	70,000	100,000	150,000	70,000
MO-S	-5,000	5,000	NAO DET.	NAO DET.	7,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-10,000	15,000
NE-S	70,000	30,000	70,000	30,000	70,000	50,000	50,000	70,000	10,000	70,000
PH-S	15,000	-10,000	-10,000	NAO DET.	10,000	10,000	10,000	70,000	NAO DET.	NAO DET.
SA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	INTERFER.	20,000	10,000	20,000	15,000	15,000	15,000	INTERFER.	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	150,000	500,000	100,000	200,000	150,000	100,000	150,000	70,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-50,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	50,000	70,000	50,000	70,000	70,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	500,000	1000,000	300,000	300,000	500,000	500,000	+1000,000	+1000,000
CU-AA	12,000	10,000	80,000	9,000	27,000	17,000	13,000	29,000	6,000	9,000
PR-AA	10,000	6,000	5,000	5,000	5,000	8,000	11,000	26,000	-3,000	-3,000
ZN-AA	75,000	16,000	55,000	16,000	50,000	45,000	60,000	65,000	12,000	8,000
AG-AA										
CT-AA										
NI-AA										
BI-AA										
CO-AA										
TE-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAS969	DAS970	DAS971	DAS972	DAS973	DAS974	DAS975	DAS976	DAS977	DAS978
NUM. LAB.	ES0148	ES0149	ES0150	ES0151	ES0152	ES0153	ES0154	ES0156	ES0157	ES0158
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CLSTC	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0193	0146	0139	0131	0124	0116	0118	0097	0095	0087
ORDENADA - Y	0510	0499	0491	0505	0499	0511	0504	0517	0522	0521
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPU

	DAS969	DAS970	DAS971	DAS972	DAS973	DAS974	DAS975	DAS976	DAS977	DAS978
CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA FEG.		G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ARGL	AREA	AREA	APEA	AREA	AREA	AREA	CSCL	AREA	AREA
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LAGURA RIO	1	2	2	2	2	2	4	4	3	4
PROFUND. RIO	1,0	0,3	0,6	0,7	0,6	0,4	0,8	0,8	1,0	0,7
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COIFTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFPEC.	D	C	B	B	C	C	B	A	B	B
VOL. CHICIN.										
PESO CINC.										
GRANULOMET.	CM	BG	BG	BG	BG	BG	BG	AB	BG	BG
TEXT. SEDIM.	1111	7111	7111	7111	7111	7111	7111	43111	14111	29111
COR SED./SL.	D	F	F	F	F	F	F	C	I	C
HORIZ. SELO										
TIPO SELC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAS969 FS0148	DAS970 ES0149	DAS971 ES0150	DAS972 ES0151	DAS973 ES0152	DAS974 ES0153	DAS975 ES0154	DAS976 ES0156	DAS977 ES0157	DAS978 ES0158
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4810	4810	4810	4810	4810	4810	4810	4810	4810	4810
PARAMETROS ANALITICOS										
FE-S %	5,000	1,500	0,700	0,300	0,700	0,500	0,700	3,000	0,700	1,000
MG-S %	0,150	0,070	0,030	0,020	0,030	0,030	0,030	0,050	0,030	0,050
CA-S %	0,070	-0,050	-0,050	-0,050	0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	0,700	+1,000	1,000	0,700	+1,000	1,000	+1,000	+1,000	+1,000	+1,000
MN-S	150,000	200,000	150,000	70,000	150,000	100,000	150,000	500,000	150,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	30,000	15,000	30,000	30,000	30,000	30,000	50,000	30,000	50,000
BA-S	300,000	100,000	50,000	50,000	50,000	100,000	70,000	100,000	70,000	100,000
BE-S	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	10,000	7,000	5,000	7,000	7,000	7,000	15,000	7,000	15,000
CR-S	70,000	50,000	15,000	20,000	15,000	30,000	20,000	100,000	20,000	30,000
CU-S	20,000	-5,000	10,000	-5,000	-5,000	7,000	-5,000	10,000	-5,000	7,000
LA-S	100,000	30,000	30,000	30,000	30,000	50,000	30,000	30,000	70,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	15,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	15,000
NI-S	30,000	10,000	5,000	10,000	5,000	7,000	7,000	7,000	5,000	10,000
PB-S	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	INTERFER.	-5,000	-5,000	-5,000	-5,000	NAO DET.	INTERFER.	-5,000	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	150,000	150,000	70,000	70,000	70,000	100,000	300,000	100,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	-10,000	30,000	10,000	30,000	20,000	100,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	19,000	5,000	3,000	-3,000	6,000	-3,000	3,000	3,000	-3,000	4,000
PB-AA	26,000	-3,000	-3,000	-3,000	NAO DET.	NAO DET.	NAO DET.	-3,000	-3,000	NAO DET.
ZN-AA	35,000	4,000	3,000	-3,000	4,000	-3,000	-3,000	3,000	-3,000	4,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA										
K-AA										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 260

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAS969 ES0148	DAS970 ES0149	DAS971 ES0150	DAS972 ES0151	DAS973 ES0152	DAS974 ES0153	DAS975 ES0154	DAS976 ES0156	DAS977 ES0157	DAS978 ES0158
CXCU-AA										
CR-AA										
SE-AA										
HC-AA										
SR-AA										
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-COL	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
CXCU-CCL										
4ET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS979	DAS980	DAS981	DAS982	DAS983	DAS984	DAS985	DAS986	DAS987	DAS988
NUM. CAMPO	ES0159	ES0160	ES0161	ES0162	ES0163	ES0164	ES0166	ES0167	ES0168	ES0169
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVENIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 07 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ARCISSA - X	0090	0090	0117	0177	0179	0189	0164	0220	0227	0241
ORDENADA - Y	0526	0526	0501	0464	0458	0424	0487	0498	0487	0458
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ARGL	ARGL	AREA	AREA	AREA	AREA	AREA	SILT	AREA	AREA
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	A	A	B	B	C	C	C	A	A	A
SIT. TPCOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERP.										
TIPO MINER.										
DEF. CCCCP.										
LARGURA RIO	2	2	1	3	2	4	5	2	3	4
PROFUND. RIO	0,6	0,6	0,3	0,5	0,4	0,6	0,5	2,0	2,0	0,8
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DEENAG.	1	1	1	1	1	2	2	1	1	1
TUPB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APRED.	C	C	C	C	C	C	B	D	C	C
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.	CM	CM	CM	BG	BG	BG	BG	CM	BH	30
TEXT. SEDIM.	3241	3241	5221	7111	7111	7111	7111	2431	4321	7111
COR SEC./SL.	I	I	D	F	F	F	F	C	C	C
HORIZ. SCLO										
TIPO SCLO										

SEDIMENTOS DE COPPENITE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS979 ES0159	DAS980 ES0160	DAS981 ES0161	DAS982 ES0162	DAS983 ES0163	DAS984 ES0164	DAS985 ES0166	DAS986 ES0167	DAS987 ES0168	DAS988 ES0169
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PARAMETROS ANALITICOS DE CAMPO

EH CVCLT										
PH										
MFTAL TOTAL										
CODIF. LIVRE	4810	4811	4810	4810	4810	-5710	4810	4810	4810	4 10

PAPAMETROS ANALITICOS

FE-S %	5,000	5,000	1,500	5,000	3,000	1,500	0,700	2,000	2,000	1,500
MG-S %	0,100	0,100	0,030	0,150	0,050	0,050	0,030	0,100	0,070	0,070
CA-S %	-0,050	-0,050	0,050	0,300	0,050	-0,050	-0,050	0,070	0,070	0,070
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	0,700	1,000	0,700	+1,000
MN-S	500,000	500,000	500,000	1500,000	700,000	700,000	150,000	150,000	150,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	30,000	-10,000	20,000	30,000	30,000	50,000	30,000	30,000
BA-S	200,000	200,000	30,000	150,000	70,000	50,000	30,000	500,000	300,000	100,000
BF-S	-1,000	1,000	NAO DET.	-1,000	NAO DET.	-1,000	-1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	30,000	10,000	20,000	10,000	7,000	5,000	10,000	10,000	7,000
CR-S	70,000	70,000	20,000	30,000	100,000	15,000	15,000	70,000	30,000	70,000
CU-S	30,000	30,000	7,000	50,000	-5,000	-5,000	-5,000	10,000	20,000	50,000
LA-S	30,000	30,000	30,000	NAO DET.	20,000	20,000	30,000	70,000	50,000	30,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	15,000	10,000	-10,000	-10,000	15,000	10,000	10,000
NI-S	50,000	50,000	10,000	30,000	7,000	-5,000	10,000	20,000	20,000	30,000
PB-S	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	5,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	150,000	150,000	500,000	200,000	100,000	70,000	150,000	70,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-50,000	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	20,000	30,000	30,000	10,000	10,000	30,000	20,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZP-S	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	1000,000	1000,000
CII-AA	12,000	12,000	3,000	20,000	3,000	-3,000	-3,000	8,000	6,000	23,000
PB-AA	5,000	3,000	NAO DET.	3,000	-3,000	NAO DET.	NAO DET.	12,000	5,000	-3,000
ZN-AA	13,000	12,000	3,000	15,000	4,000	-3,000	-3,000	20,000	15,000	10,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO CXCJ-AA CR-AA SF-AA HG-AA SR-AA MO-AA W-AA	DAS979 ES0159	DAS980 ES0160	DAS981 ES0161	DAS982 FS0162	DAS983 ES0163	DAS984 ES0164	DAS985 ES0166	DAS986 ES0167	DAS987 ES0168	DAS988 ES0169
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL	-1,000	NAO DET.	-1,000	NAO DET.	-1,000	NAO DET.	-1,000	-1,000	-1,000	-1,000
CXCJ-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAS989	DAS990	DAS991	DAS992	DAS993	DAS994	DAS995	DAS996	DAS997	DAS998
NUM. CAMPO	ES0170	ES0171	ES0172	ES0173	ES0174	ES0175	ES0176	ES0177	ES0178	JE0027
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	- 12/77	12/77	12/77	12/77	11/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 15 00
ABCISSA - X	0248	0249	0261	0222	0499	0457	0429	0455	0459	0340
ORDENADA - Y	0463	0477	0503	0472	0329	0393	0394	0403	0403	0531
UTM - LESTE										
UTM - NORTE										
HEP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	G	G	G	G	G	G	G	G	G	G
ID. CEELEG.										
MAT. CCLET.	ARGL	AREA	CSCL	SILT	SILT	AREA	AREA	AREA	AREA	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PRIF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRIO.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	1	3	3	4	4	3	2	3	4	3
PROFUND. RIO	0,4	0,7	0,8	0,8	0,7	0,8	0,5	0,8	0,8	1,5
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. CEFETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APPED.	D	B	A	D	D	B	C	B	C	B
VOL. CRIGIN.										
PESO CONC.										
GRANULOMET.	CM	BG	AB	CM	DM	BG	BG	BG	BG	
TEXT. SEDIM.	1342	7111	43111	2422	2431	7111	7111	7111	7111	11152
COR SED./SL.	E	G	C	C	E	F	F	F	F	
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAS989 ES0170	DAS990 ES0171	DAS991 ES0172	DAS992 ES0173	DAS993 ES0174	DAS994 ES0175	DAS995 ES0176	DAS996 ES0177	DAS997 ES0178	DAS998 JE0027
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	4 10	4 10	4 10	4 10	4 10	4 10	4 10	4 10	4 10	2120
PARAMETROS ANALITICOS										
FE-S %	5,000	1,500	7,000	3,000	0,700	0,300	0,300	0,300	1,000	20,000
MG-S %	0,200	0,070	0,070	0,070	0,070	0,030	0,070	0,050	0,070	0,300
CA-S %	0,050	0,070	-0,050	0,100	-0,050	-0,050	-0,050	-0,050	0,070	-0,050
TI-S %	+1,000	+1,000	+1,000	1,000	1,000	0,500	1,000	0,500	1,000	+1,000
MN-S	200,000	300,000	500,000	150,000	70,000	30,000	70,000	50,000	150,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	50,000	50,000	50,000	50,000	70,000	70,000	70,000	70,000	50,000	100,000
BA-S	200,000	70,000	150,000	300,000	150,000	50,000	100,000	70,000	150,000	300,000
BF-S	1,500	-1,000	1,000	1,000	-1,000	NAO DET.	-1,000	-1,000	-1,000	2,000
HI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	20,000	10,000	30,000	15,000	7,000	5,000	5,000	7,000	10,000	70,000
CU-S	70,000	30,000	70,000	50,000	30,000	100,000	70,000	20,000	70,000	300,000
LA-S	100,000	-5,000	100,000	70,000	-5,000	-5,000	-5,000	-5,000	30,000	200,000
MO-S	100,000	30,000	50,000	70,000	50,000	100,000	50,000	50,000	50,000	100,000
NO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	-10,000	10,000	10,000	15,000	-10,000	10,000	10,000	10,000	15,000
NI-S	70,000	7,000	30,000	20,000	15,000	10,000	7,000	5,000	50,000	70,000
PB-S	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	-5,000	INTERFER.	INTERFER.	INTERFER.	-5,000	INTERFER.	NAO DET.	-5,000	30,000
SN-S	NAO DET.	NAO DET.	70,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000
V-S	200,000	100,000	300,000	100,000	70,000	30,000	50,000	30,000	100,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	20,000	50,000	50,000	50,000	70,000	20,000	20,000	30,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.
ZR-S	700,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	300,000
CU-AA	30,000	4,000	35,000	8,000	4,000	-3,000	3,000	-3,000	19,000	75,000
PR-AA	7,000	-3,000	-3,000	12,000	-3,000	-3,000	5,000	NAO DET.	NAO DET.	24,000
ZN-AA	13,000	3,000	12,000	21,000	4,000	3,000	3,000	-3,000	10,000	65,000
AG-AA										
CO-AA										
TI-AA										
BI-AA										
CD-AA										
TF-AA										
ALU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DA5999	DAT001	DAT002	DAT003	DAT004	DAT005	DAT006	DAT007	DAT008	DAT009
NUM. CAMPO	JF0028	JE0029	JE0030	JF0031	JE0032	JE0035	JE0036	JE0037	JE0038	JE0039
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XD V	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	1 2	2	2	2	2	2	2	2	2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/78	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0346	0356	0362	0415	0415	0463	0463	0454	0480	0353
ORDENADA - Y	0525	0528	0524	0542	0542	0375	0383	0388	0394	0349
UTM - LFSTE										
UTM - ACORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	ARGL	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	B	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	C	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINEP.										
DEP. CCCP.										
LARGURA RIO	1	3	1	3	3	1	1	1	2	1
PROFUND. RIO	2,0	2,5	1,0	2,0	1,0	1,5	0,5	1,0	1,0	0,5
VELOC. CCCP.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.	B	B	B	B	B	B	B	B	B	B
VOL. ORIGEM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	1171	2215	118	1117	1117	1 81	316	523	5212	2125
COR SED./SL.										
HUMID. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMR. BICTICO	DAS999 JE0028	DAT001 JE0029	DAT002 JE0030	DAT003 JF0031	DAT004 JE0032	DAT005 JE0035	DAT006 JE0036	DAT007 JE0037	DAT008 JE0038	DAT009 JE0039
PARAMETROS ANALITICOS DE CAMPO										
EH CVELY										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2220	2220	2220	2221	2820	2920	2820	28 0	22 0
PARAMETROS ANALITICOS										
FE-S %	5,000	15,000	15,000	20,000	20,000	5,000	10,000	10,000	5,000	10,000
MG-S %	0,200	0,200	0,700	0,200	0,200	0,300	0,300	0,300	0,200	0,300
CA-S %	-0,050	-0,050	0,700	0,070	0,100	0,500	0,300	0,500	0,300	0,200
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	500,000	1500,000	2000,000	1000,000	1500,000	1000,000	1000,000	1000,000	700,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BA-S	200,000	100,000	30,000	50,000	50,000	50,000	70,000	50,000	70,000	50,000
BE-S	500,000	500,000	300,000	500,000	300,000	200,000	200,000	150,000	200,000	300,000
BT-S	1,500	2,000	1,000	1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	200,000	100,000	100,000	100,000	30,000	70,000	50,000	20,000	100,000
CR-S	200,000	200,000	70,000	500,000	200,000	70,000	100,000	100,000	70,000	100,000
CU-S	150,000	150,000	300,000	200,000	200,000	150,000	100,000	30,000	70,000	150,000
LA-S	100,000	100,000	100,000	70,000	70,000	20,000	100,000	20,000	100,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	20,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	15,000	20,000
NI-S	70,000	70,000	70,000	100,000	70,000	50,000	70,000	50,000	30,000	70,000
PB-S	50,000	20,000	15,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	50,000	30,000	30,000	15,000	20,000	15,000	15,000	20,000
SN-S	10,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	300,000	1000,000	500,000	500,000	300,000	300,000	300,000	200,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	150,000	100,000	100,000	70,000	70,000	50,000	50,000	50,000	70,000	70,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	200,000	200,000	200,000	200,000	300,000	500,000	500,000	1000,000	300,000
CU-AA	45,000	55,000	120,000	70,000	60,000	45,000	60,000	14,000	26,000	60,000
PB-AA	19,000	24,000	18,000	6,000	6,000	7,000	10,000	-3,000	3,000	9,000
ZN-AA	30,000	70,000	75,000	40,000	40,000	40,000	30,000	16,000	16,000	27,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 250

S E A G

PROJETO - ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT010	DAT011	DAT012	DAT013	DAT014	DAT015	DAT016	DAT017	DAT018	DAT019
NUM. CAMPO	JE0040	JE0041	JE0042	JE0043	JE0044	JE0045	JE0046	JE0048	JE0049	JE0051
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVINCIA	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XD V	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	I 2	2	2	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0361	0361	0352	0113	0147	0118	0054	0066	0469	0476
ORDENADA - Y	0339	0339	0350	0278	0276	0290	0284	0288	0302	0379
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	C	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOP.										
LARGURA RIO	2	2	2		2	5	5	1	4	4
PROFUND. RIO	1,0	1,0	1,0		1,0	1,0	1,0	0,5	1,0	
VELOC. CORR.										
NIVEL AGUA	0	0	0		0	0	0	0	0	0
AREA DEFUAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AEREO.	B	B	B		B	B	B	B	B	B
VOL. ORIGIN.										
PESQ. CLNC.										
GRANULOMET.										
TEXT. SEDIM.	2323	2323	2116	1171	1117	1171	2 8	217	514	1414
COR SEC./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT010 JE0040	DAT011 JE0041	DAT012 JE0042	DAT013 JE0043	DAT014 JE0044	DAT015 JE0045	DAT016 JE0046	DAT017 JE0048	DAT018 JE0049	DAT019 JE0051
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	22 0	22 1	22 0	2230	2230	2230	22 0	22 0	2C 0	2220
PARAMETROS ANALITICOS										
FE-S %	10,200	5,000	7,000	10,000	15,000	10,000	15,000	7,000	1,500	1,500
MG-S %	0,200	0,200	0,300	0,200	0,500	0,300	0,150	0,150	0,050	0,050
CA-S %	0,100	0,100	0,300	0,100	0,150	0,150	0,050	0,050	0,050	0,100
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	0,700	+1,000	+1,000	1,000
MN-S	700,000	500,000	1500,000	700,000	1500,000	700,000	2000,000	300,000	200,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	100,000	100,000	50,000	50,000	50,000	100,000	150,000	50,000	50,000
BA-S	150,000	150,000	200,000	200,000	500,000	500,000	500,000	200,000	100,000	100,000
BF-S	-1,000	-1,000	-1,000	1,000	1,000	1,000	30,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	70,000	20,000	50,000	50,000	100,000	70,000	100,000	20,000	5,000	7,000
CS-S	100,000	70,000	150,000	150,000	200,000	150,000	200,000	100,000	30,000	20,000
CU-S	50,000	30,000	100,000	150,000	150,000	100,000	70,000	50,000	5,000	7,000
LA-S	20,000	20,000	50,000	70,000	70,000	70,000	100,000	70,000	20,000	NAO DET.
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.
NB-S	20,000	20,000	20,000	15,000	10,000	10,000	10,000	20,000	10,000	10,000
NI-S	70,000	30,000	70,000	70,000	70,000	70,000	70,000	50,000	-5,000	5,000
PB-S	NAO DET.	NAO DET.	-10,000	15,000	50,000	20,000	10,000	-10,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	10,000	20,000	20,000	20,000	20,000	20,000	15,000	5,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	300,000	300,000	300,000	300,000	200,000	200,000	100,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	20,000	70,000	70,000	70,000	70,000	100,000	100,000	50,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	500,000	300,000	200,000	150,000	200,000	1000,000	1000,000	+1000,000	1000,000
CU-AA	28,000	18,000	50,000	60,000	65,000	55,000	27,000	24,000	3,000	7,000
PB-AA	5,000	3,000	5,000	13,000	26,000	27,000	10,000	10,000	-3,000	3,000
ZN-AA	26,000	19,000	22,000	35,000	80,000	90,000	50,000	25,000	3,000	3,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT020 JE0052	DAT021 JE0053	DAT022 JE0054	DAT023 JE0056	DAT024 JE0057	DAT025 JE0058	DAT026 JE0060	DAT027 JE0061	DAT028 JE0062	DAT029 JE0063
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2320	2320	2320	2310	2310	2310	2120	2121	2120	2120
PARAMETROS ANALITICOS										
FE-S %	2,000	5,000	10,000	5,000	3,000	5,000	15,000	15,000	15,000	7,000
MG-S %	0,070	0,100	0,300	0,070	0,300	0,300	0,300	0,300	0,300	0,300
CA-S %	0,100	0,150	0,200	-0,050	0,100	0,500	0,200	0,150	0,150	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	0,700	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	700,000	700,000	500,000	300,000	100,000	700,000	2000,000	500,000	1000,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	100,000	50,000	100,000	50,000	50,000	50,000	50,000	150,000
BA-S	100,000	200,000	200,000	50,000	500,000	150,000	500,000	300,000	500,000	700,000
BE-S	-1,000	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	2,000	-1,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	7,000	20,000	30,000	10,000	10,000	20,000	70,000	50,000	50,000	50,000
CU-S	70,000	70,000	100,000	30,000	100,000	50,000	200,000	150,000	200,000	300,000
LA-S	10,000	50,000	150,000	70,000	20,000	30,000	150,000	200,000	150,000	70,000
MA-S	20,000	20,000	100,000	20,000	30,000	20,000	50,000	100,000	50,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NB-S	30,000	15,000	20,000	10,000	10,000	10,000	15,000	10,000	15,000	15,000
NI-S	7,000	30,000	70,000	20,000	30,000	20,000	70,000	100,000	70,000	100,000
PI-S	-10,000	NAO DET.	10,000	NAO DET.	-10,000	-10,000	15,000	30,000	15,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	20,000	15,000	15,000	10,000	20,000	20,000	20,000	30,000
SN-S	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000
V-S	200,000	200,000	300,000	300,000	100,000	200,000	500,000	300,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	100,000	20,000	70,000	100,000	50,000	100,000	50,000	100,000
ZP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
ZP-S	+1000,000	1000,000	500,000	+1000,000	+1000,000	1000,000	200,000	200,000	200,000	200,000
CU-AA	8,000	19,000	45,000	35,000	10,000	17,000	55,000	100,000	45,000	45,000
PB-AA	7,000	4,000	4,000	6,000	3,000	5,000	20,000	19,000	20,000	18,000
ZN-AA	8,000	16,000	26,000	12,000	24,000	22,000	60,000	140,000	55,000	40,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CU-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	NUM. CAMPO	C. CUSTO	S. CUSTO	PROCEDENCIA	BASE CART.	BASE CART.	ESCALA	DATA	LATITUDE	LONGITUDE	ABSCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MER. CENT.
	DATE30	DATE31	DATE32	DATE33	DATE34	DATE35	DATE36	DATE37	DATE38	DATE39					
	JE0064	JE0065	JE0066	JE0067	JE0068	JE0069	JE0070	JE0072	JE0073	JE0074					
	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554					
	270	270	270	270	270	270	270	270	270	270					
	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB					
	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI					
	2	2	2	2	2	2	2	2	2	2					
	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050					
	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77					
	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S					
	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00					
	0306	0272	0285	0292	0295	0313	0303	0278	0270	0230					
	0497	0490	0424	0462	0472	0421	0425	0440	0419	0416					

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S					
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A					
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L					
ROCHA REC.	B	B	B	B	B	B	B	B	B	B					
ID. GEOLOG.															
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV					
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A					
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B					
SIT. TOPOG.															
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A					
ALTITUDE															
PROF. AMOST.															
FORMA ICNEA															
SIT. ESTRUT.															
MATRIZ PED.															
GRAU INTERR.															
TIPO ALTER.															
TIPO MINER.															
DEP. COCCR.															
LARGURA RIO	2	2	3	3	6	1	2	2	8	2					
PROFUND. RIO	1,0	1,2	1,5	0,5	1,0	0,5	0,5	1,0	3,0	1,0					
VELOC. CORR.															
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0					
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1					
TURB. AGUA															
POS. COLTA	C	C	C	C	C	C	C	C	C	C					
COR AGUA															
GRAU ABREC.	B	B	B												
VOL. ORIGIN.															
PESO COCC.															
GRANULOMET.															
TEXT. SEDIM.	118	21151	1 9	11 71	11 71	11161	12 7	11 71		11 71					
LIK SED. / SL.															
HORIZ. SELO															
TIPO SOLO															

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO ANO. BIOTICO	DAT030 JF0064	DAT031 JE0065	DAT032 JE0066	DAT033 JE0067	DAT034 JE0068	DAT035 JE0069	DAT036 JE0070	DAT037 JE0072	DAT038 JE0073	DAT039 JE0074
PARAMETROS ANALITICOS DE CAMPO										
EH CVFLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2120	2120	2120	2120	2220	2220	2220	2120	210	2220
PARAMETROS ANALITICOS										
FE-S %	7,000	15,000	20,000	15,000	7,000	7,000	15,000	15,000	15,000	15,000
MG-S %	0,500	0,200	0,150	0,500	0,700	0,500	0,500	0,200	0,500	0,300
CA-S %	0,100	-0,050	-0,050	0,200	0,050	0,050	0,100	-0,050	0,100	0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	500,000	1000,000	500,000	2000,000	200,000	300,000	700,000	1000,000	700,000	500,000
AG-S	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	20,000	70,000	100,000	100,000	70,000	50,000	70,000	70,000
RA-S	700,000	500,000	300,000	300,000	700,000	500,000	500,000	300,000	500,000	300,000
BE-S	2,000	-1,000	-1,000	-1,000	5,000	3,000	2,000	-1,000	3,000	2,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	50,000	20,000	70,000	30,000	30,000	50,000	50,000	100,000	50,000
CR-S	200,000	200,000	100,000	100,000	200,000	200,000	300,000	200,000	150,000	300,000
CU-S	100,000	200,000	150,000	150,000	70,000	70,000	300,000	150,000	150,000	200,000
LA-S	100,000	100,000	50,000	50,000	100,000	100,000	70,000	70,000	70,000	70,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	-5,000
NB-S	15,000	10,000	10,000	20,000	10,000	15,000	10,000	15,000	15,000	10,000
NI-S	100,000	100,000	70,000	70,000	70,000	70,000	100,000	70,000	100,000	200,000
PB-S	70,000	20,000	15,000	10,000	50,000	50,000	50,000	10,000	50,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	30,000	20,000	30,000	30,000	30,000	30,000	30,000	30,000
SN-S	10,000	NAO DET.	NAO DET.	NAO DET.	10,000	10,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.
SR-S	100,000	-100,000	NAO DET.	-100,000	200,000	150,000	100,000	NAO DET.	100,000	100,000
V-S	300,000	500,000	200,000	500,000	200,000	200,000	500,000	300,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	70,000	50,000	50,000	70,000	70,000	70,000	70,000	70,000	70,000
ZN-S	INTERFER.	200,000	200,000	200,000	-200,000	-200,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.
ZR-S	200,000	200,000	150,000	300,000	150,000	150,000	200,000	200,000	200,000	200,000
CU-AA	45,000	85,000	60,000	55,000	40,000	45,000	120,000	70,000	80,000	65,000
PB-AA	16,000	11,000	8,000	20,000	30,000	30,000	40,000	13,000	20,000	19,000
ZN-AA	60,000	45,000	45,000	55,000	80,000	60,000	150,000	50,000	190,000	200,000
AG-AA										
CO-AA										
NI-AA										
RI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE COPRENTE

NUM. LAB.	DAT040	DAT041	DAT042	DAT043	DAT044	DAT045	DAT046	DAT047	DAT048	DAT049
NUM. CAMPO	JE0075	JE0076	JE0078	JE0080	JE0081	JE0082	JE0083	JE0084	JE0085	JE0086
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	2	2	2	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0211	0225	0106	0126	0126	0124	0132	0145	0427	0425
ORDENADA - Y	0438	0428	0390	0405	0405	0427	0426	0440	0357	0351
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	D	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOLOGIA	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	B	B	B	B	C	C	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	2	2	3	2	2	2	2	1	2	3
PROFUND. RIO	0,5	1,0	1,5	1,0	1,0	1,5	1,0		1,0	1,5
VELOC. CORR.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DEPNAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARREF.		B	B	B	B	B	B		B	B
VOL. ORIGIN.										
PESS. CONC.										
GRANULOMET.										
TEXT. SEDIM.	1171	217	11161	1117	1117	217	21151	217	2116	1171
COR SED./SL.										
HORIZ. SUDO.										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT040 JE0075	DAT041 JE0076	DAT042 JE0078	DAT043 JE0080	DAT044 JE0081	DAT045 JE0082	DAT046 JE0083	DAT047 JE0084	DAT048 JE0085	DAT049 JE0085
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			4,7							
METAL TOTAL										
CODIF. LIVRE	21 0	2A20	2120	2120	2121	2120	2120	2120	2220	2220
PARAMETROS ANALITICOS										
FE-S %	15,000	15,000	15,000	15,000	15,000	15,000	15,000	+20,000	5,000	7,000
MG-S %	0,200	0,500	0,300	0,300	0,300	0,300	0,300	0,200	0,300	0,150
CA-S %	0,050	0,200	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,100	0,200
TI-S %	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000
MN-S	1000,000	3000,000	100,000	200,000	200,000	50,000	100,000	100,000	700,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	0,500	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	20,000	100,000	50,000	50,000	50,000	50,000	20,000	150,000	100,000
BA-S	150,000	150,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	200,000
BE-S	2,000	3,000	2,000	2,000	3,000	2,000	2,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	300,000	10,000	10,000	10,000	5,000	20,000	10,000	30,000	30,000
CR-S	150,000	150,000	300,000	300,000	200,000	200,000	200,000	300,000	100,000	70,000
CU-S	200,000	300,000	150,000	150,000	150,000	100,000	200,000	200,000	150,000	100,000
LA-S	100,000	200,000	70,000	70,000	70,000	100,000	100,000	70,000	70,000	50,000
MO-S	NAO DET.	NAO DET.	70,000	70,000	50,000	70,000	70,000	30,000	NAO DET.	NAO DET.
NB-S	15,000	10,000	15,000	10,000	10,000	15,000	15,000	10,000	20,000	20,000
NI-S	100,000	200,000	70,000	70,000	70,000	50,000	70,000	70,000	70,000	30,000
PB-S	-10,000	10,000	20,000	30,000	20,000	70,000	50,000	20,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	30,000	30,000	20,000	20,000	30,000	30,000	20,000	20,000
SN-S	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	500,000	300,000	300,000	700,000	500,000	300,000	500,000	500,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	150,000	70,000	70,000	50,000	100,000	100,000	100,000	100,000	100,000
ZN-S	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.
ZR-S	200,000	200,000	150,000	150,000	150,000	200,000	200,000	150,000	700,000	+1000,000
CU-AA	85,000	130,000	45,000	50,000	50,000	35,000	60,000	65,000	40,000	35,000
PB-AA	10,000	11,000	7,000	9,000	8,000	10,000	10,000	12,000	5,000	4,000
ZN-AA	65,000	200,000	35,000	45,000	55,000	15,000	80,000	55,000	27,000	24,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT040 JF0075	DAT041 JE0076	DAT042 JE0078	DAT043 JE0080	DAT044 JE0081	DAT045 JE0082	DAT046 JE0083	DAT047 JE0084	DAT048 JE0085	DAT049 JE0085
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	1,000	1,000	1,000	-1,000	-1,000	1,000	NAO DET.	NAO DET.
MO-AA	NAO DET.	-2,000	35,000	35,000	35,000	30,000	35,000	35,000	3,000	NAO DET.
W-AA										
AS-CCL	-10,000	-10,000	10,000	20,000	40,000	10,000	20,000	120,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
NET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	40,000	40,000	40,000	20,000	40,000	40,000	-10,000	-10,000

CPRM CACASTRO GEOQUIMICO

06.09.78 FLA. 252

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT050	DAT051	DAT052	DAT053	DAT054	DAT055	DAT056	DAT057	DAT058	DAT059
NUM. CAMPO	JE0087	JE0088	JE0089	JE0090	JE0091	JE0092	JE0093	JE0094	JE0096	JE0097
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	RR	BB	BB	RR	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XDVI	SA21XDVI	SA21XD V	SA21XD V	SA21XD V	SA21XDVI	SA21XD V	SA21XDVI
BASE CART.	I 2	I 2	2	2	I 2	I 2	I 2	2	I 2	2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0418	0408	0202	0185	0175	0103	0033	0020	0051	0075
ORDENADA - Y	0360	0375	0409	0405	0407	0506	0523	0515	0516	0528
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PFC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLÓG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	1	2	1		1	5	3	15	15	15
PROFUND. RIO	0,7	1,0	0,5			2,0	1,5	2,0	2,0	2,0
VELOC. CCCOR.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUPR. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFREC.	B	B	B	B	B	B	B	B	B	B
VOL. CPICIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	415	12151	11161	118	1171	811	8 11	81 1	811	811
COR SED./SL.										
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT050 JF0087	DAT051 JE0088	DAT052 JE0089	DAT053 JE0090	DAT054 JE0091	DAT055 JE0092	DAT056 JE0093	DAT057 JE0094	DAT058 JE0096	DAT059 JE0097
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH						5,3	5,3	5,3		
METAL TOTAL										
COEF. LIVRE	2220	2220	210	2120	2120	7510	7510	7510	7510	7510
PARAMETROS ANALITICOS										
FE-S %	2,000	3,000	15,000	15,000	3,000	0,700	0,500	0,700	0,700	1,000
MG-S %	0,050	0,050	0,200	0,200	0,500	0,050	0,050	0,050	0,050	0,050
CA-S %	-0,050	0,100	0,050	0,070	0,070	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	1,000	1,000	+1,000	0,700	0,700	1,000	1,000	0,700
MN-S	1000,000	1000,000	2000,000	1500,000	200,000	200,000	300,000	200,000	1000,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
3-S	100,000	70,000	100,000	100,000	150,000	50,000	100,000	100,000	100,000	70,000
BA-S	100,000	100,000	500,000	700,000	700,000	150,000	150,000	100,000	100,000	150,000
BE-S	-1,000	-1,000	1,000	1,500	1,500	1,500	1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	15,000	300,000	100,000	50,000	50,000	30,000	20,000	50,000	10,000
CR-S	50,000	30,000	200,000	100,000	200,000	200,000	150,000	70,000	200,000	300,000
CU-S	50,000	50,000	200,000	200,000	50,000	70,000	50,000	10,000	200,000	200,000
LA-S	20,000	20,000	100,000	50,000	100,000	100,000	100,000	70,000	70,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	10,000	15,000	10,000	10,000	10,000	10,000	10,000
NI-S	7,000	10,000	150,000	100,000	70,000	100,000	70,000	20,000	100,000	50,000
PB-S	NAO DET.	NAO DET.	70,000	20,000	50,000	50,000	20,000	-10,000	20,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	10,000	30,000	20,000	30,000	30,000	20,000	15,000	30,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	10,000	-10,000	NAO DET.	10,000	10,000
SR-S	NAO DET.	NAO DET.	-100,000	-100,000	-100,000	-100,000	-100,000	NAO DET.	-100,000	-100,000
V-S	200,000	200,000	500,000	300,000	300,000	300,000	200,000	150,000	500,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	70,000	50,000	70,000	100,000	100,000	50,000	100,000	70,000
ZN-S	NAO DET.	NAO DET.	200,000	200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	200,000	NAO DET.
ZR-S	+1000,000	+1000,000	200,000	200,000	500,000	700,000	500,000	1000,000	200,000	200,000
CU-AA	14,000	16,000	60,000	130,000	30,000	4,000	3,000	4,000	4,000	4,000
PU-AA	3,000	-3,000	10,000	10,000	10,000	-3,000	-3,000	-3,000	-3,000	-3,000
ZN-AA	6,000	10,000	30,000	16,000	15,000	8,000	4,000	8,000	7,000	9,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT060	DAT061	DAT062	DAT063	DAT064	DAT065	DAT066	DAT067	DAT068	DAT069
NUM. CAMPO	PP0145	PP0146	PP0148	PP0150	PP0151	PP0156	PP0157	PP0158	PP0159	PP0163
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0370	0363	0096	0092	0092	0146	0150	0146	0445	0444
ORDENADA - Y	0351	0335	0280	0295	0295	0236	0253	0240	0329	0345
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	ARGL	AREA	ARGL	ARGL	ARGL	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	E	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00		0,00	0,00	0,00	0,00	0,00	0,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	4	4	2	2	2	3	1	1	6	2
PROFUND. RIO	0,6	1,0							0,4	0,2
VELOC. CORR.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFREC.						A	A	A	A	
VOL. ORIGIN.										
PESO CASC.										
GRANULMET.						AF	AF	AF	CG	CG
TEXT. SEDIM.	1171	27,1	11 62	11 62	11 62	21 7	21 7	21 7	1711	811
COF. SEC./SL.						I	I	I	C	C
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. RIGTICO	DAT060 PP0145	DAT061 PP0146	DAT062 PP0148	DAT063 PP0150	DAT064 PP0151	DAT065 PP0156	DAT066 PP0157	DAT067 PP0158	DAT068 PP0159	DAT069 PP0160
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2220	2220	2220	2221	2220	2220	2220	2020	2320
PARAMETROS ANALITICOS										
FE-S %	2,000	1,500	20,000	15,000	15,000	10,000	10,000	10,000	20,000	5,000
MG-S %	0,100	0,050	0,500	0,300	0,300	0,500	0,500	0,500	0,300	0,200
CA-S %	0,050	-0,050	0,200	0,100	0,200	0,300	0,500	0,500	0,200	0,200
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	50,000	100,000	1000,000	3000,000	2000,000	2000,000	2000,000	500,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	150,000	150,000	50,000	50,000	100,000	100,000	100,000	100,000	20,000	100,000
BA-S	200,000	100,000	500,000	500,000	500,000	500,000	500,000	700,000	300,000	300,000
BE-S	-1,000	NAO DET.	1,500	-1,000	1,000	-1,000	-1,000	-1,000	1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	5,000	15,000	20,000	200,000	100,000	100,000	50,000	30,000	200,000
CR-S	300,000	70,000	70,000	200,000	200,000	500,000	500,000	300,000	200,000	700,000
CU-S	100,000	100,000	100,000	200,000	300,000	200,000	200,000	300,000	200,000	100,000
LA-S	50,000	20,000	20,000	100,000	70,000	20,000	50,000	20,000	70,000	NAO DET.
MO-S	100,000	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.
NB-S	20,000	10,000	10,000	15,000	20,000	15,000	20,000	20,000	20,000	20,000
NI-S	70,000	10,000	20,000	20,000	100,000	70,000	100,000	70,000	70,000	100,000
PO-S	50,000	-10,000	-10,000	10,000	10,000	-10,000	15,000	-10,000	50,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	15,000	15,000	20,000	20,000	20,000	20,000	30,000	30,000	30,000
SN-S	10,000	20,000	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	200,000
V-S	500,000	100,000	200,000	500,000	500,000	500,000	500,000	500,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	10,000	50,000	100,000	70,000	50,000	70,000	50,000	70,000	50,000
ZN-S	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	INTERFER.
ZR-S	200,000	10,000	50,000	200,000	200,000	200,000	200,000	200,000	200,000	150,000
CU-AA	19,000	10,000	130,000	65,000	60,000	40,000	55,000	40,000	60,000	55,000
PH-AA	-3,000	-3,000	40,000	50,000	21,000	14,000	13,000	15,000	12,000	5,000
ZN-AA	15,000	6,000	140,000	80,000	70,000	85,000	85,000	65,000	35,000	40,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

S F A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT070	DAT071	DAT072	DAT073	DAT074	DAT075	DAT076	DAT077	DAT078	DAT079
NUM. CAMPO	PP0161	PP0164	PP0165	PP0170	PP0171	PP0172	PP0174	PP0178	PP0179	PP0183
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0490	0518	0515	0300	0295	0305	0295	0307	0301	0305
ORDENADA - Y	0465	0459	0451	0497	0494	0483	0435	0392	0391	0400
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	E	C	C	E	E	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	C	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	2	4	3	4	2	8	6	4	3	1
PROFUND. RIO	0,5	0,5	1,0	2,0	1,0	2,0	3,0	1,5	0,5	0,3
VELOC. CCCP.			1							
NIVEL AGUA	0	0	1	0	0	0	0	0	0	0
ARFA DRENAG.	1	1	1	1	1	1	2	1	1	1
TURB. AGUA			0							
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA			A							
GRAU ABRED.		D	D	C	C	C	C	D	D	D
VOL. CRIGIN.										
PESO CONC.										
GRANULOMET.	FG	EG	FG	FG	FG	EG	AF	AE	AE	AE
TEXT. SEDIM.	7111	1711	811	631	721	631	721	721	721	721
COR SEC./SL.	C	C	D	I	C	C	C	C	C	C
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT070 PP0161	DAT071 PP0164	DAT072 PP0165	DAT073 PP0170	DAT074 PP0171	DAT075 PP0172	DAT076 PP0174	DAT077 PP0178	DAT078 PP0179	DAT079 PP0180
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			5,0							
METAL TOTAL										
COEF. LIVRE	2810	2810	2810	2120	2120	2120	2A20	2220	2220	2220
PARAMETROS ANALITICOS										
FE-S %	10,000	2,000	1,000	10,000	10,000	20,000	10,000	10,000	15,000	5,000
MG-S %	0,700	0,070	0,050	0,150	0,300	0,500	0,300	0,500	0,300	0,300
CA-S %	0,700	0,050	-0,050	0,050	0,050	0,150	0,150	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	300,000	300,000	500,000	500,000	500,000	200,000	150,000	200,000	200,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	100,000	70,000	50,000	100,000	30,000	50,000	100,000	100,000	200,000
BA-S	300,000	200,000	50,000	200,000	500,000	500,000	500,000	700,000	700,000	500,000
BE-S	NAO DET.	NAO DET.	NAO DET.	1,000	1,000	1,000	2,000	2,000	2,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	200,000	200,000	150,000	30,000	100,000	300,000	100,000	50,000	50,000	30,000
CR-S	700,000	500,000	500,000	100,000	100,000	200,000	100,000	200,000	300,000	150,000
CU-S	100,000	150,000	150,000	50,000	100,000	200,000	200,000	50,000	70,000	30,000
LA-S	NAO DET.	20,000	20,000	50,000	50,000	70,000	50,000	100,000	150,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	-5,000
NB-S	20,000	10,000	10,000	10,000	15,000	20,000	15,000	20,000	20,000	20,000
NI-S	100,000	100,000	70,000	30,000	50,000	200,000	100,000	100,000	100,000	70,000
PB-S	-10,000	15,000	-10,000	-10,000	15,000	70,000	20,000	50,000	50,000	20,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	20,000	15,000	20,000	30,000	20,000	30,000	30,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	10,000	10,000	-10,000
SR-S	150,000	150,000	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	-100,000	-100,000	-100,000
V-S	500,000	500,000	500,000	200,000	300,000	500,000	300,000	300,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	70,000	100,000	70,000	100,000	100,000	100,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	150,000	150,000	+1000,000	500,000	200,000	200,000	500,000	500,000	300,000
CU-AA	75,000	13,000	8,000	70,000	60,000	75,000	65,000	30,000	35,000	22,000
PB-AA	6,000	-3,000	7,000	10,000	16,000	29,000	23,000	22,000	21,000	10,000
ZN-AA	40,000	5,000	4,000	80,000	30,000	190,000	190,000	60,000	55,000	35,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT080	DAT081	DAT082	DAT083	DAT084	DAT085	DAT086	DAT087	DAT088	DAT089
NUM. CAMPO	PP0192	PP0183	PP0188	PP0189	PP0190	PP0191	PP0192	PP0193	PP0194	PP0195
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0304	0258	0100	0103	0113	0113	0093	0154	0153	0157
ORDENADA - Y	0420	0420	0434	0391	0370	0370	0359	0349	0410	0391
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	D	B	B	B	B	B	D	D	D
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	A	C	C	E	E	A	C	E	E
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO	6	2		5	3		2	4		4
PROFUND. RIO	1,0	1,0		2,0	1,0		0,8	1,5	0,2	0,5
VELOC. CORR.										
NIVEL AGUA	0	0		0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COIETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU APPER.	D	C	C	C	D	D	C	D	D	D
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.	AI	AI	AI	AI	AG	AG	AF	AF	AG	AG
TEXT. SEDIM.	721	7 3	721	6 211	811	811	7 3	1 7 2	2 7 1	2 7 1
COR. SEC./SI.	C	C	C	C	B	B	E	C	C	C
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIÓTICO	DAT080 PP0182	DAT081 PP0183	DAT082 PP0188	DAT083 PP0189	DAT084 PP0190	DAT085 PP0191	DAT086 PP0192	DAT087 PP0193	DAT088 PP0194	DAT089 PP0195
PARAMETROS ANALITICOS DE CAMPO										
EH CVFLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2A20	2120	2120	2120	2121	2A20	2A 0	2A 0	2A 0
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	15,000	20,000	+20,000	+20,000	10,000	15,000	15,000	15,000
MG-S %	0,100	0,200	0,300	0,300	0,050	0,070	0,500	0,700	0,200	0,300
CA-S %	-0,050	0,050	-0,050	-0,050	-0,050	-0,050	0,200	0,700	0,100	0,100
TI-S %	0,700	+1,000	+1,000	+1,000	0,300	0,300	+1,000	+1,000	+1,000	+1,000
MN-S	150,000	1000,000	200,000	200,000	50,000	70,000	1000,000	3000,000	2000,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	70,000	50,000	NAO DET.	NAO DET.	50,000	10,000	10,000	10,000
BA-S	300,000	300,000	500,000	500,000	150,000	100,000	200,000	200,000	150,000	150,000
BF-S	1,000	-1,000	-1,000	-1,000	NAO DET.	1,500	-1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	50,000	10,000	10,000	5,000	10,000	20,000	200,000	100,000	150,000
CR-S	70,000	200,000	500,000	500,000	70,000	70,000	200,000	200,000	500,000	500,000
CU-S	20,000	200,000	200,000	150,000	100,000	100,000	200,000	300,000	200,000	200,000
LA-S	70,000	70,000	100,000	50,000	NAO DET.	20,000	70,000	50,000	20,000	50,000
MO-S	-5,000	-5,000	20,000	100,000	NAO DET.	NAO DET.	5,000	NAO DET.	NAO DET.	NAO DET.
NR-S	15,000	15,000	10,000	10,000	-10,000	-10,000	15,000	10,000	15,000	10,000
NI-S	30,000	100,000	70,000	70,000	10,000	20,000	70,000	100,000	70,000	100,000
PB-S	-10,000	20,000	70,000	50,000	-10,000	-10,000	15,000	10,000	-10,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	30,000	30,000	30,000	20,000	20,000	20,000	20,000	20,000	20,000
SN-S	-10,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.
V-S	200,000	500,000	300,000	500,000	100,000	200,000	300,000	300,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	100,000	70,000	50,000	10,000	50,000	100,000	70,000	50,000	70,000
ZN-S	NAO DET.	INTERFER.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
ZR-S	1000,000	200,000	200,000	150,000	10,000	20,000	200,000	200,000	200,000	200,000
CU-AA	10,000	90,000	75,000	50,000	70,000	65,000	75,000	120,000	65,000	100,000
PB-AA	5,000	14,000	20,000	10,000	5,000	7,000	11,000	10,000	8,000	9,000
ZN-AA	30,000	100,000	28,000	22,000	45,000	85,000	75,000	210,000	65,000	90,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT080 PP0182	DAT081 PP0183	DAT082 PP0188	DAT083 PP0189	DAT084 PP0190	DAT085 PP0191	DAT086 PP0192	DAT087 PP0193	DAT088 PP0194	DAT089 PP0195
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SR-AA	NAO DET.	NAO DET.	NAO DET.	1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
40-AA	2,000	2,000	15,000	55,000	NAO DET.	3,000	7,000	-2,000	3,000	3,000
W-AA										
AS-CCL	-10,000	-10,000	10,000	20,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SR-CCL										
CXCU-CCL										
4ET PES										
CO-CCL										
40-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	20,000	40,000	-10,000	20,000	20,000	-10,000	-10,000	-10,000

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT090	DAT091	DAT092	DAT093	DAT094	DAT095	DAT096	DAT097	DAT098	DAT141
NUM. CAMPO	PP0196	PP0198	PP0204	PP0205	PP0206	PP0207	PP0209	PP0210	PP0211	CFJ139
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA-21-X-
BASE CART.	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	D-V-2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 45 00
ARCISSA - X	0146	0148	0074	0047	0040	0050	0318	0294	0305	0030
ORDENADA - Y	0325	0344	0410	0403	0398	0421	0278	0288	0288	0350
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	D	B	D	D	D	D	B	B	B	J
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	AREA
PLUVIOSIDADE	A	A	D	D	D	D	D	D	D	A
TIPO VEGET.	F	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	C	A
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTFMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOP.										
LARGURA RIO	5	2	5	5	7	3	7	7	7	7
PROFUND. RIO	1,0	1,5	2,0	1,8	2,5	1,0	3,0	3,0	3,5	5,0
VFLOC. CORR.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	2
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.	D	D	D	D	D	D	C	C	C	C
VOL. FRIGIN.										
PESO CONC.										
GRANULOMET.	AG	FG	AE	AF	AF	AF	AF	AF	AF	AF
TEXT. SEDIM.	2 7 1	8 1 1	8 1 1	8 1 1	1 6 1 2	6 2 2	8 1 1	7 1 1 1	7 2 1	
COR SED./SL.	C	C	C	C	C	C	I	C	C	C
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMP. BIOTICO	DAT090 PP0196	DAT091 PP0198	DAT092 PP0204	DAT093 PP0205	DAT094 PP0206	DAT095 PP0207	DAT096 PP0209	DAT097 PP0210	DAT098 PP0211	DAT141 CF0133
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH									5,3	
MFTAL TOTAL										
CODIF. LIVRE	2A 0	2B 0	16 0	16 0	16 0	16 0	2C20	2B20	2220	2B30
PARAMETROS ANALITICOS										
FE-S %	15,000	10,000	15,000	15,000	15,000	15,000	10,000	10,000	10,000	
MG-S %	1,000	0,200	2,000	1,500	1,000	0,300	0,070	0,300	0,100	
CA-S %	1,500	0,050	3,000	2,000	2,000	0,700	0,050	0,200	0,050	
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	
MN-S	2000,000	500,000	3000,000	3000,000	3000,000	3000,000	500,000	5000,000	1500,000	
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
R-S	10,000	70,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	70,000	50,000	100,000	
BA-S	150,000	300,000	300,000	300,000	500,000	200,000	200,000	500,000	200,000	
BF-S	NAO DET.	1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,000	1,000	1,000	
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
CO-S	50,000	30,000	200,000	200,000	200,000	150,000	20,000	100,000	50,000	
CR-S	300,000	200,000	700,000	700,000	500,000	500,000	100,000	100,000	100,000	
CU-S	300,000	150,000	150,000	150,000	150,000	150,000	30,000	150,000	50,000	
LA-S	20,000	70,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	50,000	50,000	50,000	
MO-S	NAO DET.	5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	
NB-S	10,000	15,000	10,000	10,000	10,000	10,000	10,000	15,000	10,000	
NI-S	70,000	70,000	150,000	150,000	100,000	70,000	50,000	70,000	50,000	
PB-S	10,000	50,000	NAO DET.	-10,000	15,000	-10,000	-10,000	15,000	10,000	
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
SC-S	20,000	30,000	30,000	30,000	20,000	20,000	15,000	20,000	15,000	
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	-10,000	
SR-S	150,000	NAO DET.	200,000	150,000	150,000	NAO DET.	NAO DET.	-100,000	NAO DET.	
V-S	500,000	300,000	500,000	500,000	500,000	500,000	300,000	300,000	200,000	
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
Y-S	50,000	70,000	30,000	30,000	50,000	50,000	50,000	50,000	50,000	
ZN-S	INTERFER.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	
ZR-S	200,000	200,000	150,000	150,000	150,000	150,000	1000,000	500,000	+1000,000	
CU-AA	100,000	70,000	75,000	65,000	85,000	75,000	18,000	40,000	16,000	
PB-AA	9,000	15,000	4,000	6,000	11,000	8,000	8,000	18,000	5,000	
7N-AA	70,000	45,000	70,000	90,000	130,000	35,000	18,000	55,000	25,000	
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA										
K-AA										

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 276

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT090 PP0196	DAT091 PP0198	DAT092 PP0204	DAT093 PP0205	DAT094 PP0206	DAT095 PP0207	DAT096 PP0209	DAT097 PP0210	DAT098 PP0211	DAT141 CF0133
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SD-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
NO-AA	NAO DET.	3,000	2,000	3,000	3,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL	-10,000	20,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	
MAGNET.										15 %
HEMATITA										NAO DET.
ILMENITA										85 %
LIMONITA										NAO DET.
CASSIT.										NAO DET.
COL-TAN.										NAO DET.
VOLFRAM.										NAO DET.
SCHFFL.										NAO DET.
OX.-MAN.										1 %
RUTILO										NAO DET.
CROMITA										1 %
MONAZITA										3 %
ZIFCAO										NAO DET.
XENOT.										1 %
ANATASIO										NAO DET.
PIROCL.										NAO DET.
MICROCL.										NAO DET.
OURIO										NAO DET.
ARS.PIR.										NAO DET.
PERITA										NAO DET.
MARCASS.										NAO DET.
CALCOPI.										NAO DET.
GALENA										NAO DET.
ESFAREL.										NAO DET.
CINABRICO										NAO DET.
MOLIBD.										NAO DET.
DIAMANTE										NAO DET.
TOPAZIO										NAO DET.
GRANADA										NAO DET.
PIROXEN.										NAO DET.
ANFIBOL.										NAO DET.
MT-CLOP.										NAO DET.
TURMAL.										1 %
CIANITA										NAO DET.
ESTAUR.										NAO DET.

SEDIMENTOS DE CORRENTE

NUM. LAB.	NUM. CAMPO	NUM. CUSTO	S. CLSTO	PROCEDENCIA	BASE CART.	BASE CART.	BASE CART.	ESCALA	DATA	LATITUDE	LONGITUDE	ABSCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MEP. CENT.
	JA0018	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0114	0248				
	JA0019	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0149	0265				
	JA0020	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0116	0187				
	JA0021	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0120	0187				
	JA0022	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0101	0138				
	JA0023	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0212	0222				
	JA0024	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0225	0198				
	JA0025	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0229	0178				
	JA0026	1554	270	BB	SA21XDVI	3	0050	11/77	02 00 00 S	54 30 00	0325	0347				
	JA0027	1554	270	BB	SA21XDVI	3	0050	12/77	02 00 00 S	54 30 00	0331	0298				

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	TIPO AMOST.	FONTE AMOST.	ROCHA PEG.	ID. CECLOG.	MAT. COLET.	PLUVIOSIDADE	TIPO VEGET.	SIT. TOPOG.	SIT. AMOST.	ALTITUDE	PROF. AMOST.	FORMA IGNEA	SIT. ESTRUT.	MATRIZ PRED.	GRAU INTIMP.	TIPO ALTER.	TIPO MINER.	DEP. COLET.	LARGURA RIO	PROFUND. RIO	VELOC. CORR.	NIVEL AGUA	AREA DRENAG.	TURB. AGUA	POS. COLETA	COR AGUA	GRAU ABRED.	VOL. ORIGIN.	PESO CONC.	GRANULOMET.	TEXT. SEDIM.	CON SEC./SL.	HORIZ. SOLO	TIPO SOLO		
S	A	L	G		AREA	A	F		A										2				1		C											
S	A	L	G		AREA	A	E		A										3				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										1			0,1		1		C										
S	A	L	G		AREA	A	B		A										2				1		C											
S	A	L	G		ARGL	A	E		A										2				1		C											
S	A	L	G		AREA	A	B		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	B		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											
S	A	L	G		AREA	A	A		A										2				1		C											

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT210 JA0018	DAT211 JA0019	DAT212 JAC020	DAT213 JA0021	DAT214 JA0022	DAT215 JA0023	DAT216 JA0024	DAT217 JA0025	DAT218 JA0026	DAT219 JAC027
PARAMETROS ANALITICOS DE CAMPU										
EH CVCLT										
PH					5,3				5,0	
METAL TOTAL										
CODIF. LIVRE	5010	5010	5010	5010	5010	5010	5010	5010	5010	5010
PARAMETROS ANALITICOS										
FE-S %	3,000	3,000	1,500	0,300	1,000	10,000	0,700	2,000	0,300	0,300
MG-S %	0,500	0,300	0,050	0,050	0,030	0,300	0,150	0,200	0,030	0,030
CA-S %	0,200	0,150	-0,050	0,100	0,070	0,070	0,070	0,070	-0,050	-0,050
TI-S %	0,500	0,500	+1,000	0,300	0,700	0,500	0,500	0,500	0,500	0,300
MN-S	150,000	150,000	1000,000	70,000	300,000	200,000	30,000	200,000	30,000	15,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	30,000	30,000	70,000	50,000	70,000	30,000	70,000
BA-S	150,000	150,000	70,000	150,000	150,000	150,000	150,000	150,000	70,000	100,000
BF-S	-1,000	-1,000	-1,000	-1,000	-1,000	1,500	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	15,000	7,000	5,000	10,000	15,000	-5,000	15,000	5,000	NAO DET.
CR-S	70,000	100,000	50,000	15,000	70,000	70,000	50,000	100,000	30,000	20,000
CU-S	-5,000	30,000	10,000	-5,000	30,000	50,000	5,000	20,000	30,000	10,000
LA-S	70,000	30,000	30,000	50,000	30,000	150,000	50,000	50,000	50,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NS-S	10,000	10,000	20,000	-10,000	20,000	10,000	-10,000	10,000	-10,000	-10,000
NI-S	50,000	30,000	7,000	7,000	30,000	50,000	15,000	50,000	15,000	-5,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	7,000	INTERFER.	NAO DET.	INTERFER.	INTERFER.	5,000	INTERFER.	NAO DET.	NAO DET.
SK-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	100,000	30,000	20,000	30,000	150,000	50,000	50,000	30,000	20,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	70,000	10,000	70,000	50,000	20,000	50,000	20,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	700,000	+1000,000	1000,000	+1000,000
CU-AA	4,000	16,000	-3,000	-3,000	-3,000	6,000	6,000	11,000	8,000	-3,000
PB-AA	-3,000	4,000	9,000	3,000	7,000	6,000	6,000	7,000	-3,000	-3,000
ZN-AA	20,000	20,000	4,000	3,000	4,000	15,000	16,000	19,000	4,000	-3,000
AG-AA										
CO-AA										
NI-AA										
RI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT220 JA0028	DAT221 JA0029	DAT222 JA0030	DAT223 JA0031	DAT224 JA0032	DAT225 JA0033	DAT226 JA0035	DAT227 JA0036	DAT228 JA0037	DAT229 JA0038
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PARAMETROS ANALITICOS DE CAMPO

FH CVCLT										
PH				5,0	5,0	5,0				
METAL TOTAL										
CODIF. LIVRE	4010	4010	4800	4 10	4 10	4 10	4 10	4 10	4 10	4 10

PARAMETROS ANALITICOS

FE-S %	1,500	0,700	10,000	2,000	1,500	5,000	1,500	0,300	0,500	0,500
MG-S %	0,200	0,100	0,150	0,050	0,030	0,070	0,200	0,050	0,050	0,150
CA-S %	0,070	-0,050	0,100	-0,050	0,050	-0,050	0,070	-0,050	-0,050	0,150
TI-S %	0,700	0,700	+1,000	+1,000	+1,000	+1,000	+1,000	0,500	0,300	0,300
MN-S	200,000	70,000	1500,000	300,000	300,000	300,000	150,000	50,000	70,000	50,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	20,000	70,000	50,000	70,000	70,000	70,000	70,000	200,000
BA-S	200,000	150,000	170,000	30,000	70,000	100,000	300,000	100,000	100,000	500,000
BE-S	1,500	-1,000	-1,000	-1,000	-1,000	-1,000	1,500	-1,000	-1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	7,000	50,000	10,000	10,000	20,000	15,000	5,000	7,000	7,000
CR-S	70,000	70,000	70,000	50,000	100,000	30,000	50,000	30,000	50,000	70,000
CU-S	7,000	5,000	70,000	30,000	50,000	20,000	15,000	-5,000	-5,000	50,000
LA-S	70,000	100,000	NAO DET.	30,000	30,000	30,000	50,000	50,000	50,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	7,000	7,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NB-S	15,000	-10,000	15,000	10,000	10,000	15,000	15,000	10,000	-10,000	-10,000
NI-S	30,000	20,000	30,000	30,000	100,000	20,000	30,000	15,000	20,000	50,000
PB-S	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	INTERFER.	-5,000	-5,000	-5,000	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	15,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	50,000		150,000	100,000	200,000	150,000	30,000	30,000	30,000
W-S	NAO DET.	NAO DET.		-50,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000		10,000	20,000	50,000	50,000	30,000	20,000	15,000
ZN-S	NAO DET.	NAO DET.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000		1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	300,000
CU-AA	12,000	21,000	17,000	30,000	35,000	17,000	22,000	-3,000	-3,000	18,000
PD-AA	9,000	4,000	5,000	3,000	3,000	-3,000	9,000	-3,000	-3,000	-3,000
ZN-AA	8,000	10,000	8,000	14,000	19,000	11,000	20,000	-3,000	3,000	9,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAT230	DAT231	DAT232	DAT233	DAT234	DAT235	DAT236	DAT237	DAT238	DAT239
NUM. LAB.	JA0039	JA0040	JA0041	CS0085	CS0086	CS0088	CS0092	CS0093	CS0094	CS0095
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0328	0340	0121	0235	0206	0232	0124	0175	0130	0132
ORDENADA - Y	0417	0437	0183	0112	0089	0123	0186	0100	0186	0082
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	K	K	G	G
ID. GEOLG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	ALUV	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	E	D	A	E	E	E	E	E	A	A
SIT. TIPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	2	1	2	2	1	3	2	3	2	2
PROFUND. RIO	0,5	0,4		0,5	0,3	1,0	0,4			
VELOC. CORR.										
NIVEL AGUA										
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
CDR AGUA										
GRAU ARPED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.	63 1	72 1	27 1	631	172	37	631	181	172	1711
COR SEC./SL.										
HORIZ. SCI.O										
TIPO SCLC										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT230 JA0039	DAT231 JA0040	DAT232 JA0041	DAT233 CS0085	DAT234 CS0086	DAT235 CS0088	DAT236 CS0092	DAT237 CS0093	DAT238 CS0094	DAT239 CS0095
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH										
METAL TOTAL										
CODIF. LIVRE	4 10	4 10	6 11	6010	6010	5010	5040	5040	5010	5010
PARAMETROS ANALITICOS										
FE-S %	0,150	0,300	20,000	2,000	1,500	3,000	1,000	2,000	1,500	1,500
MG-S %	0,050	0,070	0,300	0,150	0,200	0,300	0,200	0,100	0,100	0,150
CA-S %	-0,050	-0,050	0,100	0,050	0,070	0,150	0,150	0,100	0,150	0,150
TI-S %	0,150	0,300	1,000	0,300	0,700	0,700	0,700	0,500	+1,000	0,500
MN-S	15,000	15,000	1000,000	300,000	300,000	1500,000	150,000	200,000	500,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	50,000	50,000	70,000	100,000	70,000	70,000	50,000	70,000
BA-S	150,000	150,000	500,000	200,000	300,000	300,000	150,000	150,000	200,000	150,000
BF-S	-1,000	-1,000	3,000	-1,000	-1,000	1,500	1,000	1,000	1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	70,000	15,000	15,000	50,000	15,000	30,000	15,000	20,000
CR-S	20,000	20,000	300,000	50,000	70,000	70,000	50,000	700,000	70,000	70,000
CU-S	7,000	50,000	70,000	10,000	10,000	15,000	7,000	500,000	10,000	7,000
LA-S	50,000	50,000	150,000	50,000	50,000	50,000	70,000	50,000	70,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	NAO DET.	20,000	NAO DET.	NAO DET.
NB-S	-10,000	10,000	20,000	-10,000	15,000	15,000	15,000	15,000	20,000	10,000
NI-S	7,000	-5,000	70,000	30,000	30,000	50,000	30,000	300,000	30,000	30,000
PB-S	NAO DET.	NAO DET.	50,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	NAO DET.	30,000	-5,000	INTERFER.	15,000	INTERFER.	-5,000	INTERFER.	-5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	10,000	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	15,000	30,000	300,000	70,000	70,000	100,000	70,000	50,000	70,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	15,000	30,000	100,000	20,000	30,000	50,000	70,000	30,000	70,000	30,000
ZN-S	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	+1000,000	200,000	700,000	+1000,000	500,000	+1000,000	+1000,000	+1000,000	1000,000
CU-AA	-3,000	7,000	55,000	4,000	16,000	14,000	7,000	270,000	8,000	5,000
PB-AA	-3,000	-3,000	21,000	4,000	6,000	6,000	3,000	5,000	3,000	4,000
ZN-AA	-3,000	4,000	75,000	10,000	17,000	30,000	15,000	150,000	12,000	10,000
AG-AA										
CC-AA										
NI-AA										
BT-AA										
CO-AA										
YF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	NUM. CAMPO	C. CUSTO	S. CUSTO	PROCEDENCIA	PASE CART.	PASE CART.	PASE CART.	ESCALA	DATA	LATITUDE	LONGITUDE	ABCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MER. CENT.
	CS0099	CS0100	CS0105	CS0106	CS0108	CS0109	CS0113	CS0115	CS0121	CS0129						
	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
	11/77	12/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
	02 30 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
	0292	0291	0265	0269	0266	0233	0113	0119	0099	0035						
	0096	0092	0072	0069	0043	0033	0148	0286	0281	0248						

PAPAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	K	K	G	G	G	G	G	K	G	G	G	K	G	G
ID. COLEC.																
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	E	E	E	E	E	E	E	E	B	E	E	E	E	E	E	E
SIT. TOPOG.																
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ALTITUDE																
PROF. AMOST.																
FORMA IGNEA																
SIT. ESTRUT.																
MATRIZ PRED.																
GRAU INTERR.																
TIPO ALTER.																
TIPO MINER.																
DEP. COCCO.																
LARGURA RIO	3	3	2	3	3	3		4	2	2						
PROFUND. RIO							0,3									
VELOC. CORR.																
NIVEL AGUA																
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TIPO AGUA																
POS. COLETA	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
CON. AGUA																
GRAU AEREO																
VOL. FRIGIO.																
PESO CONC.																
GRANULOMET.																
TEXT. SEDIM.	721	631	5311		631	73	4321	631	721	531						
CON. SED./SL.																
HORIZ. SCLD																
TIPO SCLD																

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT240 CS0099	DAT241 CS0100	DAT242 CS0105	DAT243 CS0106	DAT244 CS0108	DAT245 CS0109	DAT246 CS0113	DAT247 CS0115	DAT248 CS0121	DAT249 CS0129
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	5010	5011	5040	5040	5010	5010	5010	5010	5040	5010
PARAMETROS ANALITICOS										
FE-S %	0,700	0,700	1,000	0,700	0,700	1,500	0,700	1,000	0,700	1,000
MG-S %	0,100	0,100	0,200	0,100	0,030	0,030	0,100	0,150	0,070	0,070
CA-S %	0,100	0,070	0,100	0,100	-0,050	-0,050	0,050	0,100	0,050	0,100
TI-S %	0,300	0,700	0,500	1,000	+1,000	+1,000	0,300	0,500	0,300	0,500
MN-S	70,000	70,000	70,000	200,000	700,000	2000,000	50,000	100,000	50,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	-0,500	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	70,000	50,000	50,000	50,000	50,000	70,000	30,000	70,000
BA-S	150,000	150,000	200,000	150,000	100,000	150,000	150,000	150,000	150,000	150,000
BF-S	-1,000	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	7,000	10,000	10,000	7,000	10,000	-5,000	7,000	7,000	10,000
CP-S	70,000	50,000	70,000	50,000	30,000	50,000	30,000	30,000	30,000	50,000
CU-S	7,000	-5,000	-5,000	-5,000	-5,000	10,000	-5,000	5,000	-5,000	5,000
LA-S	70,000	50,000	30,000	50,000	50,000	100,000	50,000	50,000	50,000	30,000
MO-S	NAO DET.	-5,000	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NR-S	-10,000	15,000	15,000	15,000	15,000	30,000	-10,000	-10,000	-10,000	10,000
NI-S	30,000	15,000	30,000	15,000	5,000	10,000	15,000	20,000	7,000	20,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	-5,000	INTERFER.	7,000	5,000	INTERFER.	INTERFER.	-5,000	INTERFER.	-5,000	INTERFER.
SN-S	150,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	300,000	NAO DET.	NAO DET.	15,000	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	30,000	50,000	70,000	50,000	50,000	100,000	30,000	70,000	50,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	30,000	30,000	50,000	300,000	15,000	30,000	30,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	1000,000	700,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000
CI-AA	4,000	3,000	7,000	3,000	20,000	-3,000	3,000	4,000	-3,000	6,000
PH-AA	-3,000	-3,000	4,000	5,000	4,000	10,000	-3,000	-3,000	3,000	4,000
ZN-AA	8,000	7,000	10,000	5,000	11,000	-3,000	6,000	8,000	6,000	8,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CD-AA										
TE-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE COPRENTE

NUM. LAB.	DAT250	DAT251	DAT252	DAT253	DAT254	DAT255	DAT256	DAT257	DAT258	DAT259
NUM. CAMPO	CS0131	CS0132	CS0133	CS0135	CS0141	CS0147	CS0148	CS0149	CS0152	CS0155
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABSCISSA - X	0119	0169	0166	0145	0385	0383	0385	0384	0395	0370
ORDENADA - Y	0196	0210	0213	0216	0258	0275	0299	0303	0332	0378
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	AREA	ARGL	AREA	ANGL	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	A	C	C	C	B	E	E	E	E	E
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IONIA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	3	2	4	2	3	4	4	4	2	2
PROFUND. RIO						2,0	2,0	1,5	1,0	1,0
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFRED.										
VOL. ORIGIN.										
PESO (TNC)										
GRANULOMET.										
TXT. SEDIM.	1621	271	631	361	721	721	721	73	6211	631
COR SED. / SL.										
HORIZ. SCLD										
TIPO SCLC										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT250 CS0131	DAT251 CS0132	DAT252 CS0133	DAT253 CS0135	DAT254 CS0141	DAT255 CS0147	DAT256 CS0148	DAT257 CS0149	DAT258 CS0152	DAT259 CS0155
PARAMETROS ANALITICOS DE CAMPO										
EH CVOLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	5010	5010	5010	5010	5010	5010	5010	5011	5010	5010
PARAMETROS ANALITICOS										
FE-S %	1,500	3,000	0,300	3,000	0,300	0,300	0,200	0,150	0,150	0,700
MG-S %	0,150	0,500	0,050	0,300	0,070	0,070	0,070	0,050	0,030	0,100
CA-S %	0,100	0,150	0,050	0,150	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	0,500	0,700	0,300	0,700	0,700	0,300	0,500	0,150	0,300	0,500
MN-S	300,000	300,000	100,000	700,000	50,000	30,000	20,000	15,000	15,000	30,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	70,000	100,000	150,000	70,000	150,000	70,000	70,000	100,000
BA-S	200,000	300,000	70,000	300,000	150,000	150,000	100,000	100,000	50,000	150,000
BE-S	-1,000	1,500	-1,000	1,500	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	20,000	NAO DET.	30,000	-5,000	-5,000	-5,000	-5,000	-5,000	7,000
CR-S	70,000	70,000	20,000	70,000	70,000	70,000	150,000	20,000	30,000	50,000
CU-S	20,000	20,000	-5,000	20,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000
LA-S	70,000	70,000	50,000	70,000	50,000	50,000	50,000	50,000	50,000	50,000
MO-S	-5,000	-5,000	-5,000	-5,000	NAO DET.	-5,000	NAO DET.	NAO DET.	-5,000	-5,000
NB-S	15,000	15,000	10,000	15,000	70,000	-10,000	10,000	10,000	10,000	13,000
NI-S	30,000	50,000	10,000	50,000	5,000	30,000	10,000	7,000	15,000	15,000
PB-S	NAO DET.	10,000	NAO DET.	15,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	15,000	-5,000	15,000	INTERFER.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	50,000	100,000	20,000	100,000	30,000	20,000	30,000	20,000	20,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	15,000	50,000	70,000	15,000	70,000	15,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	500,000	1000,000	500,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	10,000	14,000	-3,000	13,000	-3,000	3,000	4,000	-3,000	-3,000	10,000
PB-AA	4,000	10,000	-3,000	9,000	-3,000	-3,000	-3,000	-3,000	-3,000	10,000
ZN-AA	12,000	30,000	-3,000	28,000	-3,000	3,000	3,000	-3,000	-3,000	9,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT260	DAT261	DAT262	DAT263	DAT264	DAT265	DAT266	DAT267	DAT268	DAT269
NUM. CAMPO	CS0158	CS0161	CS0162	CS0168	CS0190	CS0196	CS0198	CS0199	CS0200	CS0201
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0383	0342	0349	0352	0316	0336	0367	0173	0177	0157
ORDENADA - Y	0337	0324	0325	0364	0486	0462	0445	0381	0343	0344
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	G	G	G	J	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	ARGL	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	C	C
TIPO VEGET.	E	E	E	E	E	E	E	E	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEF. CCCP.										
LARGURA RIO	3	3	3	3	4	4	5	2	2	3
PROFUND. RIO	2,0				1,5	2,0	1,5	0,3	0,3	1,5
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CON. AGUA										
GRAU ARRED.										
VOL. ORCIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SOLO	631	631	631	721	631	631	631	631	181	721
CON. SCLD										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT260 CS0158	DAT261 CS0161	DAT262 CS0162	DAT263 CS0168	DAT264 CS0190	DAT265 CS0196	DAT266 CS0198	DAT267 CS0199	DAT268 CS0200	DAT269 CS0201
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH									6,5	6,3
METAL TOTAL										
CODIF. LIVRF	5010	5010	5010	5020	4010	4010	4010	5010	5010	5010
PARAMETROS ANALITICOS										
FE-S %	0,200	0,300	0,300	0,300	0,700	0,500	0,500	0,200	1,000	1,500
MG-S %	0,050	0,070	0,070	0,070	0,050	0,070	0,050	0,050	0,200	0,100
CA-S %	0,050	-0,050	-0,050	0,050	-0,050	0,070	-0,050	-0,350	0,200	0,150
TI-S %	0,500	0,500	0,300	0,200	+1,000	0,700	0,500	0,500	+1,000	0,700
MN-S	30,000	70,000	30,000	30,000	150,000	70,000	70,000	30,000	150,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	70,000	100,000	100,000	70,000	150,000	100,000	100,000	100,000	70,000
BA-S	150,000	150,000	100,000	150,000	100,000	100,000	100,000	70,000	150,000	150,000
BE-S	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,500	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	-5,000	-5,000	-5,000	5,000	7,000	-5,000	-5,000	NAO DET.	15,000	10,000
CR-S	30,000	30,000	70,000	30,000	70,000	30,000	70,000	30,000	70,000	70,000
CU-S	-5,000	7,000	-5,000	-5,000	-5,000	-5,000	70,000	-5,000	5,000	100,000
LA-S	70,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	70,000	50,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	7,000	-5,000	NAO DET.	-5,000
NB-S	15,000	10,000	10,000	-10,000	10,000	15,000	-10,000	-10,000	20,000	15,000
NI-S	7,000	7,000	7,000	15,000	30,000	7,000	50,000	20,000	30,000	30,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	INTERFER.	15,000	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	30,000	30,000	30,000	30,000	100,000	70,000	30,000	30,000	70,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	30,000	30,000	30,000	30,000	50,000	20,000	70,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000
CU-AA	-3,000	-3,000	-3,000	-3,000	4,000	6,000	55,000	-3,000	7,000	23,000
PB-AA	-3,000	-3,000	-3,000	-3,000	-3,000	-3,000	3,000	-3,000	10,000	5,000
ZN-AA	-3,000	-3,000	-3,000	3,000	3,000	14,000	19,000	-3,000	19,000	25,000
AG-AA										
CO-AA										
NI-AA										
RI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAD.	DAT270	DAT271	DAT272	DAT273	DAT274	DAT275	DAT276	DAT277	DAT278	DAT279
NUM. CAMPO	CS0208	CS0209	CS0210	CS0211	CS0213	CS0214	CS0215	CS0216	CS0217	CS0219
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	3	3	3	3	3	3	3	3	3	3
BASE CAPT.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0115	0120	0135	0136	0094	0025	0033	0030	0042	0053
ORDENADA - Y	0415	0391	0381	0377	0323	0385	0370	0373	0362	0321
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	K	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	AREA	AREA	AREA	AREA	ARGL	ARGL	AREA	AREA	ARGL	ARGL
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	B	E	A	F	F	E	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	C	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	4	3	3	2	3	2		2	8	3
PROFUND. RIO	1,0	1,0	0,4	0,3	1,0	0,3		0,5	3,0	0,4
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	2	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APPEC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	721	6211	622	631	334	262	721	721	271	1261
COR SED./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMP. RICTICO	DAT270 CS0208	DAT271 CS0209	DAT272 CS0210	DAT273 CS0211	DAT274 CS0213	DAT275 CS0214	DAT276 CS0215	DAT277 CS0216	DAT278 CS0217	DAT279 CS0219
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
OH									5,3	
METAL TOTAL										
CODIF. LIVRE	4010	5010	5010	5010	5040	5010	5010	5011	5010	5010
PARAMETROS ANALITICOS										
FE-S %	0,200	0,300	0,700	0,300	7,000	1,500	1,500	0,500	5,000	1,000
MG-S %	0,070	0,050	0,100	0,050	0,300	0,150	0,300	0,150	0,300	0,100
CA-S %	-0,050	0,050	0,100	0,070	0,070	0,100	0,050	-0,050	0,150	0,070
TI-S %	0,300	0,300	1,000	0,300	0,500	+1,000	+1,000	1,000	+1,000	0,300
MN-S	15,000	50,000	100,000	30,000	500,000	200,000	100,000	70,000	150,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	15,000	70,000	50,000	100,000	100,000	100,000	70,000	100,000	70,000
BA-S	150,000	100,000	150,000	50,000	200,000	300,000	300,000	200,000	300,000	100,000
BE-S	-1,000	-1,000	-1,000	-1,000	2,000	1,000	1,500	-1,000	1,500	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	10,000	-5,000	50,000	30,000	20,000	10,000	50,000	10,000
CR-S	15,000	15,000	30,000	15,000	70,000	70,000	70,000	50,000	100,000	30,000
CU-S	-5,000	-5,000	-5,000	-5,000	100,000	7,000	7,000	7,000	70,000	-5,000
LA-S	50,000	50,000	30,000	30,000	50,000	70,000	100,000	70,000	150,000	30,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.
NO-S	-10,000	-10,000	15,000	-10,000	15,000	20,000	20,000	20,000	20,000	10,000
NI-S	7,000	7,000	30,000	5,000	50,000	30,000	30,000	20,000	70,000	15,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	30,000	NAO DET.	15,000	NAO DET.	15,000	NAO DET.
SD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	NAO DET.	INTERFER.	-5,000	15,000	INTERFER.	15,000	INTERFER.	INTERFER.	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	30,000	20,000	70,000	30,000	100,000	70,000	100,000	70,000	200,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	20,000	30,000	20,000	50,000	70,000	70,000	50,000	100,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	500,000	500,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000
CU-AA	-3,000	-3,000	6,000	-3,000	65,000	9,000	10,000	11,000	26,000	-3,000
PB-AA	-3,000	-3,000	3,000	4,000	75,000	8,000	12,000	6,000	10,000	-3,000
ZN-AA	8,000	3,000	11,000	6,000	35,000	14,000	9,000	8,000	50,000	8,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT280	DAT281	DA1282	DAT283	DAT284	DAT285	DAT286	DAT287	DAT288	DAT289
NUM. CAMPO	CS0221	CS0228	ES0112	PP0212	PP0213	PP0214	PP0215	PP0216	PP0217	PP0218
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	3	3	3	1 2	1 2	1 2	1 2	1 2	1 2	1 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	11/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0751	0087	0340	0285	0278	0263	0066	0038	0032	0024
ORDENADA - Y	0360	0313	0293	0320	0319	0314	0355	0336	0333	0334
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	K	G	G	D	D	B	B	B	B	B
ID. GEOLÓG.										
MAT. COLET.	APEA	AREA	AREA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	C	C	A	D	D	D	D	D	D	D
TIPO VEGET.	E	D	C	A	A	A	E	E	A	A
SIT. TCPCG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.				0,00	0,00	0,00	0,00	0,00	0,00	0,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO		2	2	2	2	2	4	1	4	2
PROFUND. RIO		1,0	0,6	1,0	1,0	1,0	1,0	0,5	1,5	0,5
VELOC. CORR.			0	0	0	0	0	0	0	0
NIVEL AGUA			0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA			0							
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APREC.			B	D	D		D	C	D	D
VEL. ORIGIN.										
RESIDUO										
GRANULOMET.			BG	AG	AG	AE	AF	AF	FG	CG
TEXT. SEDIM.	5311	5311	34111	1 711	7 3	711 1	1 8 1	1 8 1	9 1	712
COR SEC./SL.			D	C	E	C	C	C	B	C
MORFIZ. SOLO										
TIPO SOLO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT280 CS0221	DAT281 CS0228	DAT282 ES0112	DAT283 PP0212	DAT284 PP0213	DAT285 PP0214	DAT286 PP0215	DAT287 PP0216	DAT288 PP0217	DAT289 PP0218
PARAMETROS ANALITICOS DE CAMPO										
FM CVCLT PII METAL TOTAL CODIF. LIVRE	5040	5010	5 10	2820	2820	2220	2120	2120	2120	2120
PARAMETROS ANALITICOS										
FE-S %	2,000	1,000	5,000	7,000	3,000	7,000	20,000	5,000	+20,000	10,000
MG-S %	0,300	0,150	0,150	0,070	0,100	0,070	0,150	0,200	0,030	0,150
CA-S %	0,150	0,070	0,100	0,070	0,200	-0,050	-0,050	0,350	-0,050	-0,050
TI-S %	1,000	0,500	+1,000	+1,000	+1,000	+1,000	0,700	1,000	0,150	1,000
MN-S	150,000	150,000	500,000	700,000	1500,000	700,000	300,000	100,000	20,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	100,000	70,000	70,000	50,000	30,000	150,000	-10,000	70,000
BA-S	200,000	150,000	700,000	150,000	150,000	100,000	150,000	300,000	150,000	300,000
BE-S	1,500	1,000	1,000	-1,000	1,000	1,000	1,000	1,000	-1,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	10,000	30,000	20,000	50,000	30,000	15,000	5,000	NAO DET.	7,000
CR-S	70,000	30,000	100,000	70,000	70,000	100,000	100,000	150,000	70,000	100,000
CU-S	15,000	-5,000	20,000	30,000	100,000	100,000	100,000	100,000	30,000	100,000
LA-S	100,000	30,000	100,000	50,000	70,000	70,000	20,000	100,000	NAO DET.	150,000
MO-S	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	NAO DET.	7,000	NAO DET.	5,000
NB-S	15,000	10,000	15,000	15,000	20,000	20,000	-10,000	10,000	-10,000	-10,000
NI-S	50,000	20,000	50,000	30,000	70,000	70,000	70,000	30,000	10,000	50,000
PB-S	10,000	-10,000	70,000	NAO DET.	-10,000	10,000	15,000	70,000	15,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	5,000	INTERFER.	15,000	20,000	30,000	20,000	20,000	10,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.
V-S	150,000	70,000	150,000	300,000	300,000	300,000	300,000	200,000	50,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	30,000	70,000	50,000	100,000	100,000	50,000	70,000	30,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	1000,000	+1000,000	500,000	500,000	700,000	100,000	150,000	30,000	100,000
CU-AA	14,000	10,000	16,000	29,000	50,000	65,000	85,000	50,000	45,000	80,000
PB-AA	8,000	8,000	18,000	4,000	8,000	8,000	10,000	21,000	8,000	24,000
ZN-AA	28,000	18,000	35,000	17,000	40,000	22,000	70,000	8,000	45,000	14,000
AG-AA										
CA-AA										
NI-AA										
PI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT290	DAT291	DAT292	DAT293	DAT294	DAT295	DAT296	DAT297	DAT298	DAT299
NUM. CAMPO	PP0219	PP0221	PP0222	PP0223	PP0224	PP0225	TA0001	TA0004	TA0005	TA0007
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA.21-X-D	SA.21-X-D	SA21-X-D	SA.21-X-D
BASE CART.	I 2	I 2	I 2	I 2	I 2	I 2	D-VI-2	D-VI-2	-VI-2	D-VI-2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0024	0250	0270	0265	0271	0416	0060	0008	0340	0339
ORDENADA - Y	0334	0285	0281	0277	0281	0295	0514	0397	0250	0259
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	D	D	D	D	D	D	D	D	D	D
TIPO VEGET.	A	C	C	E	C	A				
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00	0,00	0,00		0,00	0,00	0,00	0,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	2	2	9	4	2	3				
PROFUND. RIO	0,5	1,0	3,0	2,5	1,0	1,0				
VELOC. CORR.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA CRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CON AGUA										
GRAU ABREC.	D	C			C					
VOL. EFICIN.										
PESO CONC.										
GRANDIOMET.	NG	CG			AF					
TEXT. SEDIM.	712	26 2			1 7 2					
CON SEC./SL.	C	C	I	C	C	C				
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORPENYE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT290 PP0219	DAT291 PP0221	DAT292 PP0222	DAT293 PP0223	DAT294 PP0224	DAT295 PP0225	DAT296 TA0001	DAT297 TA0004	DAT298 TA0005	DAT299 TA0007
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			5,3							
METAL TCTAL										
CODIF. LIVRE	2121	2220	2220	2220	2220	2320	7510	1620	2310	2320
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	15,000	10,000	3,000	5,000	7,000	20,000	3,000	5,000
MG-S %	0,150	0,200	0,070	0,150	0,150	0,070	0,150	0,300	0,070	0,070
CA-S %	0,050	-0,050	-0,050	0,050	0,150	0,050	-0,050	1,500	-0,050	0,070
TI-S %	1,000	+1,000	0,700	1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	100,000	150,000	150,000	300,000	2000,000	700,000	700,000	2000,000	300,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	100,000	70,000	100,000	100,000	-10,000	70,000	30,000
BA-S	300,000	200,000	200,000	300,000	300,000	150,000	150,000	200,000	50,000	70,000
BE-S	1,500	-1,000	1,500	3,000	3,000	1,000	1,000	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	7,000	30,000	20,000	50,000	30,000	30,000	100,000	10,000	30,000
CR-S	100,000	70,000	150,000	100,000	70,000	70,000	100,000	500,000	70,000	70,000
CU-S	70,000	50,000	10,000	30,000	30,000	100,000	100,000	30,000	7,000	10,000
LA-S	150,000	70,000	50,000	100,000	70,000	70,000	50,000	NAO DET.	30,000	30,000
MO-S	7,000	15,000	-5,000	-5,000	-5,000	NAO DET.	10,000	NAO DET.	NAO DET.	-5,000
NB-S	-10,000	10,000	10,000	10,000	10,000	15,000	15,000	-10,000	15,000	15,000
NI-S	30,000	30,000	50,000	70,000	70,000	70,000	70,000	100,000	30,000	50,000
PD-S	70,000	20,000	15,000	20,000	20,000	15,000	15,000	-10,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	INTERFER.	20,000	15,000	20,000	20,000	20,000	INTERFER.	15,000
SH-S	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	150,000	NAO DET.	NAO DET.
V-S	200,000	150,000	150,000	200,000	100,000	200,000	300,000	500,000	200,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	100,000	70,000	70,000	70,000	70,000	70,000	20,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	100,000	500,000	+1000,000	500,000	500,000	700,000	500,000	100,000	+1000,000	500,000
CU-AA	55,000	40,000	25,000	45,000	35,000	70,000	75,000	55,000	10,000	30,000
PH-AA	10,000	11,000	15,000	11,000	10,000	9,000	11,000	7,000	-3,000	4,000
ZN-AA	13,000	28,000	35,000	45,000	50,000	20,000	60,000	55,000	10,000	17,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT300	DAT301	DAT302	DAT303	DAT304	DAT305	DAT306	DAT307	DAT308	DAT309
NUM. CAMPO	TA0009	TA0011	TA0012	TA0013	TA0014	JP0011	JP0012	JP0014	JP0015	JP0016
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA.21-X-D-VI-2	SA.21-X-D-VI-2	SA.21-X-D-VI-2	SA.21-X-D-VI-2	SA.21-X-D-VI-2	SA21XDVI 2	SA21XDVI 2	SA21XDVI 2	SA21XDVI 2	SA21XDVI 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0363	0348	0352	0245	0262	0346	0336	0339	0328	0311
ORDENADA - Y	0278	0297	0298	0374	0355	0345	0347	0364	0361	0299
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.						B	B	H	D	J
ID. GEOLCG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE						A	A	A	A	A
TIPO VEGET.						C	C	C	C	C
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMST.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LAGUNA RIO						3	2	2	2	2
PROFUND. RIO						0,3	0,2	0,1	0,1	0,3
VELOC. CORR.										
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COIFIA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABPEC.						A	A			A
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.						BF	EG	FG	FG	
TEXT. SEDIM.						261 1	72 1	27 1	45 1	631
COR SEC./SL.						C	C	D	D	C
MOPT. SCLD										
TIPO SOLO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT300 TA0009	DAT301 TA0011	DAT302 TA0012	DAT303 TA0013	DAT304 TA0014	DAT305 JP0011	DAT306 JP0012	DAT307 JP0014	DAT308 JP0015	DAT309 JP0015
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH										
METAL TOTAL										
CODIF. LIVRE	2310	2220	2220	2220	2220	22	22	22	22	22
PARAMETROS ANALITICOS										
FE-S %	2,000	5,000	10,000	15,000	7,000	10,000	5,000	2,000	2,000	10,000
MG-S %	0,100	0,100	0,070	0,200	0,150	0,100	0,150	0,050	0,070	0,200
CA-S %	-0,050	0,150	0,070	0,050	0,070	0,150	0,100	0,050	0,150	0,100
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	150,000	2000,000	2000,000	500,000	300,000	1500,000	1500,000	700,000	1000,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	50,000	70,000	70,000	30,000	70,000	70,000	30,000	70,000
BA-S	150,000	150,000	150,000	300,000	300,000	150,000	150,000	100,000	150,000	300,000
BF-S	1,500	-1,000	-1,000	2,000	1,500	-1,000	-1,000	-1,000	1,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	50,000	70,000	30,000	30,000	100,000	50,000	15,000	30,000	50,000
CR-S	70,000	70,000	100,000	100,000	70,000	100,000	150,000	70,000	70,000	100,000
CU-S	30,000	50,000	100,000	70,000	30,000	50,000	150,000	30,000	30,000	50,000
LA-S	70,000	20,000	20,000	100,000	100,000	30,000	50,000	50,000	50,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	-5,000
NB-S	15,000	20,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	15,000
NI-S	50,000	70,000	70,000	70,000	70,000	70,000	70,000	30,000	30,000	70,000
PB-S	-10,000	-10,000	NAO DET.	50,000	15,000	-10,000	-10,000	NAO DET.	NAO DET.	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	15,000	20,000	20,000	30,000	30,000	20,000	20,000	20,000
SN-S	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	300,000	300,000	200,000	300,000	300,000	300,000	300,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	30,000	70,000	70,000	100,000	70,000	70,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	500,000	500,000	200,000	300,000	1000,000	300,000	500,000	300,000	300,000
CU-AA	40,000	50,000	50,000	50,000	40,000	50,000	55,000	29,000	40,000	40,000
PH-AA	1,000	0,000	1,000	29,000	14,000	1,000	4,000	4,000	5,000	17,000
ZN-AA	35,000	26,000	21,000	65,000	45,000	30,000	29,000	12,000	35,000	50,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TT-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 308

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

	DAT310	DAT311	DAT312	DAT313	DAT314	DAT315	DAT316	DAT317	DAT318	DAT319
NUM. LAR.	JP0017	JP0018	JP0019	JP0020	ES0179	ES0181	ES0182	ES0183	ES0184	ES0185
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	3	3	3	3	3	3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0132	0100	0102	0133	0475	0495	0495	0506	0509	0509
ORDENADA - Y	0334	0240	0246	0237	0439	0451	0451	0481	0479	0434
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

	DAT310	DAT311	DAT312	DAT313	DAT314	DAT315	DAT316	DAT317	DAT318	DAT319
CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	J	B	J						
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	AREA	CSCL	CSCL	CSCL	CSCL	CSCL
PLUVIOSIDADE	A	A	A	A	B	B	B	B	B	B
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00	0,00						
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	1	1	5	6	5	6	6	4	4	2
PROFUND. RIO	0,1	0,2	0,5	0,5	0,5	1,5	1,5	0,8	0,5	1,0
VELOC. CORR.	0	0	0	0	0	0	0	0	0	0
NIVEL AGUA	0	0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFEC.	A		A	A	B	A	A	A	A	B
VOL. ORIGIN.										
PELU LINC.										
GRANULOMET.		FG	FG	FG	AF	AB	AB	AB	AB	AB
TEXT. SEDIM.	811	631	631	631	34111	42121	42121	43111	43111	43111
COR SEC./SL.	C	C		C	C	C	C	H	C	C
HORIZ. SCLC										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT310 JP0017	DAT311 JP0018	DAT312 JP0019	DAT313 JP0020	DAT314 ES0179	DAT315 ES0181	DAT316 ES0182	DAT317 ES0183	DAT318 ES0184	DAT319 ES0185
PARAMETROS ANALITICOS DE CAMPO										
CH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	22	22	22	22	4 20	4810	4811	4810	4811	4810
PARAMETROS ANALITICOS										
FE-S %	20,000	15,000	15,000	5,000	5,000	7,000	5,000	10,000	15,000	10,000
MG-S %	0,300	0,150	0,200	0,200	0,300	0,700	0,300	1,500	1,500	0,700
CA-S %	0,150	0,070	0,100	0,150	0,150	1,500	0,500	2,000	3,000	0,500
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	1,000	1,000	+1,000
MN-S	1000,000	500,000	700,000	300,000	300,000	1000,000	700,000	700,000	1000,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
H-S	10,000	70,000	70,000	70,000	70,000	10,000	15,000	15,000	15,000	50,000
BA-S	150,000	300,000	300,000	200,000	300,000	300,000	200,000	200,000	300,000	500,000
BE-S	-1,000	1,000	1,000	1,000	1,500	-1,000	-1,000	-1,000	-1,000	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	30,000	50,000	20,000	20,000	70,000	50,000	50,000	100,000	70,000
CR-S	700,000	150,000	100,000	70,000	70,000	50,000	30,000	70,000	70,000	70,000
CU-S	100,000	70,000	70,000	30,000	30,000	100,000	50,000	200,000	70,000	70,000
LA-S	NAO DET.	100,000	100,000	70,000	150,000	20,000	20,000	30,000	NAO DET.	30,000
MO-S	NAO DET.	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-S	10,000	20,000	15,000	15,000	10,000	10,000	10,000	-10,000	-10,000	10,000
NI-S	100,000	70,000	70,000	70,000	50,000	70,000	50,000	70,000	70,000	70,000
PB-S	10,000	20,000	30,000	10,000	NAO DET.	-10,000	NAO DET.	-10,000	NAO DET.	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	15,000	15,000	20,000	15,000	30,000	30,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	70,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	150,000	150,000	100,000
V-S	300,000	300,000	300,000	200,000	150,000	300,000	300,000	300,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	100,000	70,000	70,000	50,000	50,000	30,000	50,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	300,000	300,000	500,000	300,000	500,000	300,000	200,000	300,000	200,000
CU-AA	110,000	40,000	40,000	29,000	28,000	70,000	45,000	130,000	80,000	65,000
PB-AA	10,000	13,000	18,000	13,000	-3,000	4,000	-3,000	-3,000	4,000	-3,000
ZN-AA	85,000	50,000	70,000	65,000	24,000	35,000	23,000	65,000	45,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT320 FS0186	DAT321 ES0188	DAT322 ES0189	DAT323 ES0190	DAT324 ES0191	DAT325 ES0192	DAT326 ES0193	DAT327 ES0194	DAT328 ES0197	DAT329 ES0193
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	7,0									
METAL TOTAL										
CODIF. LIVRE	4811	4811	4811	4811	4 10	4 10	4810	4 10	4 10	4 10
PARAMETROS ANALITICOS										
FE-S %	15,000	3,000	3,000	7,000	5,000	0,500	0,500	0,500	10,000	1,500
MG-S %	1,500	0,200	0,100	0,300	0,150	0,020	0,050	0,030	1,000	0,150
CA-S %	5,000	0,500	0,150	0,500	0,050	-0,050	-0,050	-0,050	1,000	0,070
TI-S %	+1,000	+1,000	+1,000	+1,000	0,700	0,700	0,700	0,700	+1,000	1,000
MN-S	1000,000	700,000	2000,000	1000,000	700,000	70,000	70,000	70,000	3000,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	70,000	20,000	20,000	100,000	70,000	70,000	70,000	20,000	70,000
BA-S	200,000	150,000	100,000	200,000	300,000	30,000	150,000	150,000	300,000	300,000
BT-S	-1,000	-1,000	-1,000	-1,000	-1,500	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	20,000	20,000	30,000	50,000	-5,000	5,000	-5,000	50,000	10,000
CP-S	70,000	30,000	15,000	30,000	70,000	15,000	70,000	20,000	100,000	50,000
CU-S	150,000	30,000	20,000	70,000	7,000	-5,000	-5,000	-5,000	200,000	20,000
LA-S	NAO DET.	30,000	20,000	20,000	100,000	30,000	50,000	30,000	NAO DET.	70,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	-5,000	-5,000	NAO DET.	NAO DET.	-5,000
NB-S	-10,000	15,000	10,000	15,000	15,000	10,000	-10,000	-10,000	10,000	15,000
NI-S	70,000	30,000	15,000	30,000	50,000	-5,000	15,000	5,000	70,000	30,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	10,000	15,000	INTERFER.	NAO DET.	-5,000	NAO DET.	20,000	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	300,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	150,000	200,000	200,000	70,000	30,000	30,000	20,000	500,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	10,000	70,000	50,000	10,000	20,000	15,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	1000,000	200,000	300,000	+1000,000	+1000,000	+1000,000	+1000,000	500,000	+1000,000
CU-AA	85,000	28,000	26,000	40,000	11,000	-3,000	-3,000	-3,000	75,000	13,000
PB-AA	4,000	3,000	4,000	4,000	4,000	NAO DET.	-3,000	-3,000	3,000	-3,000
ZN-AA	45,000	22,000	18,000	26,000	14,000	3,000	4,000	-3,000	40,000	11,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAP.	DAT330	DAT331	DAT332	DAT333	DAT334	DAT335	DAT336	DAT337	DAT338	DAT339
NUM. CAMPO	ES0199	PS0101	PS0102	PS0103	PS0104	PS0105	PS0106	PS0107	PS0108	PS0109
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV1	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
FASE CART.	3									
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	11/77	11/77	11/77	11/77	11/77	11/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0500	0450	0450	0445	0517	0513	0498	0360	0347	0352
ORDENADA - Y	0405	0311	0311	0313	0303	0304	0293	0240	0239	0266
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	J	J	J	J	J	J	J	J	J
TO. GEOLOG.										
MAT. COLET.	AREA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	B	B	B	B	B	B	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCC.										
LARGURA RIO	3	3	2	6	3	5	3	3	3	5
PROFUND. RIO	0,8									
VELOC. CORR.	0									
NIVEL AGUA	0									
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0									
PDS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APPEC.	C									
VOL. ORIGIN.										
PESO CENC.										
GRANULOMET.	BG									
TEXT. SEDIM.	7111	13141	3241				181		14131	
COR SEC./SL.	G									
HORIZ. SCLD										
TIPO SILE										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT330 FS0199	DAT331 PS0101	DAT332 PS0102	DAT333 PS0103	DAT334 PS0104	DAT335 PS0105	DAT336 PS0106	DAT337 PS0107	DAT338 PS0108	DAT339 PS0109
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CONDIF. LIVRE	4 10	2220	2221	2220	2220	2820	2220	2C 0	2220	2220
PARAMETROS ANALITICOS										
FE-S %	0,500	3,000	5,000	3,000	2,000	7,000	3,000	5,000	5,000	15,000
MG-S %	0,070	0,150	0,300	0,150	0,070	0,150	0,200	0,150	0,200	0,150
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,150	0,150	-0,050
TI-S %	0,700	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000
MN-S	70,000	700,000	1000,000	700,000	200,000	300,000	150,000	500,000	300,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	100,000	100,000	70,000	70,000	70,000	70,000	70,000	100,000	100,000
BA-S	150,000	300,000	500,000	300,000	150,000	200,000	300,000	200,000	300,000	300,000
BE-S	-1,000	1,500	1,500	1,500	1,000	1,500	1,500	1,000	1,500	1,500
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	50,000	70,000	50,000	20,000	30,000	50,000	50,000	30,000	30,000
CR-S	20,000	70,000	200,000	70,000	50,000	150,000	200,000	70,000	150,000	200,000
CU-S	-5,000	30,000	70,000	70,000	5,000	50,000	50,000	100,000	150,000	30,000
LA-S	50,000	100,000	150,000	100,000	20,000	100,000	150,000	100,000	150,000	150,000
MO-S	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	-5,000	-5,000	NAO DET.	NAO DET.	-5,000
NB-S	10,000	20,000	20,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
NI-S	10,000	30,000	70,000	50,000	30,000	70,000	70,000	50,000	70,000	70,000
PR-S	NAO DET.	10,000	50,000	50,000	-10,000	20,000	70,000	15,000	50,000	100,000
SO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	-5,000	20,000	30,000	20,000	15,000	20,000	30,000	20,000	30,000	20,000
SN-S	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	15,000	NAO DET.	-10,000	100,000
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	50,000	150,000	200,000	150,000	70,000	200,000	150,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	70,000	50,000	50,000	50,000	70,000	70,000	100,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	500,000	500,000	500,000	500,000	500,000	200,000	500,000	300,000	300,000
CU-AA	4,000	22,000	35,000	30,000	15,000	45,000	55,000	50,000	60,000	35,000
PB-AA	-3,000	15,000	18,000	20,000	8,000	19,000	24,000	16,000	20,000	24,000
ZN-AA	4,000	28,000	35,000	30,000	14,000	30,000	40,000	28,000	75,000	40,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CD-AA										
TC-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEQUINICO
S E A G

PROJETO - ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

06.09.78 FLA. 317

SEDIMENTOS DE CORRENTE

	DAT340	DAT341	DAT402	DAT403	DAT404	DAT405	DAT406	DAT407	DAT408	DAT409
NUM. LAB.	PS0110	PS0111	AM0630	AM0632	AM0635	AM0636	AM0640	AM0641	AM0642	AM0643
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROVENIENCIA	SA21XDV2	SA21XDV2	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.			D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0380	0372	0445	0500	0492	0487	0345	0292	0525	0525
ORDENADA - Y	0290	0292	0405	0460	0500	0522	0511	0516	0457	0430
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	J	B	G	G	G	G	G	G	G
TO. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	A	A	B	C	C	C	C	C	C	C
TIPO VEGET.	B	B	A	A	A	A	C	C	A	A
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PRF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	5	3	7	7	7	5	2	8	2	2
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUPA. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	24121	3412								
COR SED. / SL.										
HORIZ. SEDO										
TIPO SEDO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAY340 PS0110	DAY341 PS0111	DAY402 AM0630	DAY403 AM0632	DAY404 AM0635	DAY405 AM0636	DAY406 AM0640	DAY407 AM0641	DAY408 AM0642	DAY409 AM0643
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2220	2220	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	5,000	15,000	5,000	1,500	2,000	7,000	1,000	3,000	5,000	3,000
MG-S %	0,200	0,150	0,500	0,030	0,070	0,100	0,070	0,070	0,150	0,150
CA-S %	-0,050	-0,050	0,700	-0,050	-0,050	0,050	-0,050	-0,050	0,070	0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	70,000	700,000	5000,000	200,000	150,000	1000,000	70,000	300,000	1000,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	70,000	100,000	70,000	70,000	70,000	100,000	100,000
BA-S	300,000	300,000	500,000	70,000	150,000	200,000	150,000	100,000	300,000	300,000
BF-S	1,500	1,500	3,000	NAO DET.	-1,000	-1,000	1,500	NAO DET.	1,500	2,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	70,000	50,000	7,000	7,000	30,000	5,000	7,000	30,000	20,000
CR-S	200,000	150,000	100,000	15,000	70,000	200,000	30,000	70,000	150,000	100,000
CU-S	30,000	30,000	100,000	30,000	50,000	150,000	10,000	30,000	150,000	100,000
LA-S	150,000	150,000	100,000	50,000	20,000	150,000	20,000	30,000	100,000	70,000
MO-S	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	-5,000	-5,000
NR-S	15,000	15,000	10,000	15,000	10,000	10,000	10,000	-10,000	15,000	15,000
NI-S	70,000	70,000	70,000	10,000	10,000	70,000	10,000	10,000	70,000	70,000
PB-S	50,000	70,000	30,000	NAO DET.	NAO DET.	-10,000	-10,000	-10,000	15,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	50,000	7,000	10,000	100,000	7,000	20,000	30,000	30,000
SN-S	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000
V-S	150,000	150,000	200,000	150,000	100,000	500,000	70,000	100,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	20,000	50,000	150,000	30,000	70,000	100,000	150,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	700,000	500,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000
CU-AA	35,000	30,000	25,000	4,000	14,000	16,000	10,000	4,000	40,000	28,000
PB-AA	24,000	30,000	17,000	-3,000	-3,000	3,000	-3,000	-3,000	9,000	9,000
ZN-AA	35,000	40,000	60,000	6,000	12,000	14,000	8,000	4,000	45,000	40,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAT410	DAT411	DAT412	DAT413	DAT414	DAT415	DAT416	DAT417	DAT418	DAT419
NUM. LAB.										
NUM. CAMPO	CF0088	CF0089	CF0090	CF0091	CF0092	CF0095	CF0097	CF0100	CF0101	CF0102
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRCCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0392	0358	0390	0368	0349	0309	0335	0299	0293	0304
ORDENADA - Y	0356	0335	0346	0365	0341	0353	0407	0382	0384	0326
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	G	G	H	H	H	J	J	J	H
ID. GEOLG.										
MAT. COLET.	SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT	SILT
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO	2	4	4	5	5	3	3	4	4	2
PROFUND. RIO	1,5	1,5	1,5	1,5	2,0	1,5	1,5	2,0	2,0	1,5
VELOC. CCCR.										
NIVEL AGUA										
ARCA DRENAG.	1	1	1	1	1	2	1	2	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARPED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT410 CF0088	DAT411 CF0089	DAT412 CF0090	DAT413 CF0091	DAT414 CF0092	DAT415 CF0095	DAT416 CF0097	DAT417 CF0100	DAT418 CF0101	DAT419 CF0102
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2A30	2B30	2B30	2B20	2B20	2B30	2A20	2A20	2A20	2330
PARAMETROS ANALITICOS										
FE-S %	20,000	15,000	7,000	20,000	15,000	15,000	7,000	20,000	15,000	10,000
MG-S %	0,150	0,150	0,200	0,200	0,200	0,300	0,200	0,200	0,200	0,150
CA-S %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,000
TI-S %	0,700	+1,000	+1,000	0,500	1,000	1,000	+1,000	0,700	1,000	+1,000
MN-S	30,000	50,000	30,000	30,000	50,000	50,000	50,000	50,000	30,000	150,000
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
H-S	30,000	50,000	70,000	70,000	70,000	70,000	70,000	100,000	100,000	100,000
BA-S	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
BE-S	1,500	3,000	5,000	2,000	1,500	1,500	2,000	1,500	1,500	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	10,000	50,000	7,000	10,000	15,000	5,000	7,000	5,000	50,000
CR-S	200,000	200,000	300,000	150,000	200,000	300,000	150,000	70,000	70,000	100,000
CU-S	150,000	150,000	150,000	100,000	100,000	150,000	200,000	150,000	150,000	50,000
LA-S	150,000	100,000	100,000	150,000	100,000	100,000	50,000	100,000	100,000	100,000
MO-S	10,000	7,000	5,000	30,000	30,000	70,000	50,000	30,000	70,000	-5,000
NR-S	15,000	15,000	20,000	-10,000	15,000	15,000	10,000	15,000	15,000	15,000
NI-S	50,000	70,000	100,000	30,000	30,000	70,000	30,000	20,000	20,000	70,000
PB-S	15,000	30,000	30,000	20,000	10,000	30,000	20,000	-10,000	-10,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	30,000	50,000	20,000	30,000	30,000	70,000	20,000	20,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	-100,000	-100,000	150,000	150,000	150,000	-100,000	-100,000	-100,000	150,000
V-S	150,000	200,000	300,000	200,000	200,000	300,000	200,000	100,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	100,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	300,000	1000,000	150,000	150,000	300,000	500,000	500,000	700,000	+1000,000
CU-AA	50,000	60,000	45,000	40,000	45,000	60,000	75,000	55,000	40,000	23,000
PB-AA	19,000	19,000	24,000	19,000	18,000	14,000	18,000	11,000	16,000	18,000
ZN-AA	35,000	35,000	40,000	35,000	30,000	35,000	26,000	30,000	27,000	35,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

NUM. LAB. NUM. CAMPO	SEDIMENTOS DE CORRENTE									
	DAT410 CF0088	DAT411 CF0089	DAT412 CF0090	DAT413 CF0091	DAT414 CF0092	DAT415 CF0095	DAT416 CF0097	DAT417 CF0100	DAT418 CF0101	DAT419 CF0102
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	-1,000	-1,000	-1,000	2,000	2,000	-1,000	2,000	NAO DET.
MO-AA	4,000	5,000	NAO DET.	20,000	20,000	60,000	50,000	25,000	45,000	NAO DET.
W-AA										
AS-COL	10,000	10,000	-10,000	20,000	-10,000	10,000	-10,000	10,000	20,000	-10,000
SB-COL										
CXCU-COL										
MET PES										
CO-COL										
MO-COL										
W-COL										
P-COL										
SE-COL										
U-COL	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	20,000	40,000	40,000	-10,000

SEDIMENTOS DE CORPENTE

NUM. LAB.	DAT420	DAT421	DAT422	DAT423	DAT424	DAT425	DAT426	DAT427	DAT428	DAT429
NUM. CAMPO	CF0103	CF0104	CF0105	CF0106	CF0107	CF0109	CF0110	CF0111	CF0112	CF0114
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0309	0285	0285	0264	0242	0218	0244	0195	0077	0073
ORDENADA - Y	0329	0345	0345	0342	0352	0354	0419	0338	0439	0442
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	H	H	H	H	H	H	J	J	J	J
ID. GEOLOG.										
MAT. COLET.	SILT	SILT	SILT	SILT	SILT	SILT	SILT	ARGL	SILT	SILT
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	2	3	3	2	3	4	3	3	3	4
PROFUND. RIO	1,5	2,0	2,0	2,5	2,5	2,0	1,5	1,5	1,5	1,5
VELOC. CORR.										
NIVEL ACUA										
ARFA DRENAG.	1	1	1	1	1	2	1	1	1	1
TUPO. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFREC.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SIC./SL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT420 CF0103	DAT421 CF0104	DAT422 CF0105	DAT423 CF0106	DAT424 CF0107	DAT425 CF0109	DAT426 CF0110	DAT427 CF0111	DAT428 CF0112	DAT429 CF0114
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2B30	2B30	2B31	2B30	2B30	2B30	2A20	2B30	2A20	2A20
PARAMETROS ANALITICOS										
FE-S %	10,000	7,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	15,000
MG-S %	0,150	0,100	0,150	0,150	0,200	0,150	0,200	0,100	0,150	0,200
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	NAO DET.	NAO DET.	0,050	-0,050	-0,050
TI-S %	+1,000	1,000	+1,000	+1,000	1,000	1,000	1,000	1,000	0,700	0,700
MN-S	70,000	100,000	150,000	70,000	70,000	70,000	50,000	300,000	50,000	50,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	70,000	70,000	70,000	100,000	70,000	70,000	100,000	100,000
BA-S	200,000	150,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
BE-S	3,000	3,000	5,000	5,000	3,000	3,000	3,000	5,000	1,500	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	30,000	20,000	20,000	5,000	15,000	30,000	-5,000	-5,000
CR-S	150,000	70,000	70,000	150,000	150,000	150,000	200,000	70,000	100,000	100,000
CU-S	70,000	50,000	50,000	100,000	150,000	150,000	150,000	150,000	150,000	50,000
LA-S	100,000	70,000	100,000	100,000	100,000	100,000	100,000	70,000	100,000	70,000
MO-S	5,000	5,000	7,000	30,000	30,000	70,000	70,000	5,000	100,000	30,000
NB-S	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
NI-S	100,000	100,000	150,000	100,000	150,000	70,000	70,000	70,000	30,000	15,000
PB-S	30,000	15,000	30,000	30,000	50,000	20,000	30,000	15,000	30,000	20,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	50,000	20,000	30,000	30,000	30,000	30,000	30,000	15,000	30,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	100,000	150,000	150,000	150,000	100,000	150,000	100,000	100,000	100,000
V-S	300,000	150,000	200,000	200,000	200,000	200,000	200,000	150,000	200,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	70,000	70,000	70,000	30,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	+1000,000	+1000,000	700,000	500,000	700,000	300,000	700,000	500,000	300,000
CU-AA	35,000	35,000	30,000	40,000	55,000	45,000	50,000	55,000	75,000	35,000
PB-AA	23,000	18,000	18,000	26,000	20,000	16,000	18,000	17,000	15,000	13,000
ZN-AA	30,000	35,000	35,000	28,000	45,000	30,000	60,000	40,000	20,000	19,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

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S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT420 CF0103	DAT421 CF0104	DAT422 CF0105	DAT423 CF0106	DAT424 CF0107	DAT425 CF0109	DAT426 CF0110	DAT427 CF0111	DAT428 CF0112	DAT429 CF0113
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	-1,000	-1,000	1,000	2,000	NAO DET.	3,000	2,000
MO-AA	NAO DET.	2,000	4,000	15,000	20,000	40,000	55,000	2,000	100,000	30,000
W-AA										
AS-COL	-10,000	-10,000	-10,000	10,000	10,000	20,000	20,000	-10,000	40,000	20,000
SB-COL										
CXCU-COL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SF-CCL										
U-COL	-10,000	-10,000	-10,000	20,000	40,000	40,000	40,000	-10,000	40,000	20,000

SEDIMENTOS DE CORRENTE

	DAT430	DAT431	DAT432	DAT433	DAT434	DAT435	DAT436	DAT437	DAT438	DAT439
NUM. LAB.										
NUM. CAMPO	CF0118	CF0119	CF0123	CF0124	CF0125	CF0127	CF0129	CF0136	CF0139	CF0143
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0052	0052	0022	0015	0034	0057	0108	0074	0087	0072
ORDENADA - Y	0409	0409	0385	0370	0354	0366	0431	0359	0309	0312
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	H	H	H	H	J	J	G	G
ID. CFCLOC.										
MAT. COLET.	SILT	SILT	SILT	AREA	AREA	SILT	SILT	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TIPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	5	5	5	3	2	3	3	5	2	2
PROFUND. RIO	1,5	1,5	2,0	2,0	1,5	1,0	1,0	3,0	2,0	2,0
VELOC. CORR.										
NIVEL AGUA										
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.										
VEL. CRITIC.										
PESO CLAC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEL./SL.										
HORIZ. SELO										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT430 CF0118	DAT431 CF0119	DAT432 CF0123	DAT433 CF0124	DAT434 CF0125	DAT435 CF0127	DAT436 CF0129	DAT437 CF0136	DAT438 CF0139	DAT439 CF0143
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2A20	2A21	2B30	2B30	2B30	2B30	2A20	2B20	2C30	2C30
PARAMETROS ANALITICOS										
FE-S %	15,000	15,000	15,000	5,000	3,000	15,000	5,000	15,000	7,000	7,000
MG-S %	0,150	0,200	0,200	0,150	0,100	0,200	0,300	0,150	0,070	0,100
CA-S %	-0,050	-0,050	-0,050	0,050	0,050	-0,050	-0,050	NAO DET.	0,070	0,050
TI-S %	1,000	0,700	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000
MN-S	50,000	50,000	50,000	300,000	700,000	50,000	30,000	50,000	150,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	100,000	70,000	100,000	70,000	100,000	70,000	100,000	70,000
BA-S	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
BE-S	1,500	2,000	1,500	2,000	2,000	2,000	1,500	2,000	1,000	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	-5,000	7,000	30,000	50,000	10,000	5,000	10,000	70,000	15,000
CR-S	150,000	70,000	200,000	70,000	70,000	150,000	150,000	150,000	70,000	70,000
CU-S	150,000	150,000	150,000	50,000	20,000	150,000	100,000	150,000	50,000	30,000
LI-S	100,000	100,000	100,000	100,000	50,000	150,000	100,000	100,000	70,000	100,000
MO-S	70,000	70,000	50,000	7,000	-5,000	5,000	100,000	100,000	NAO DET.	-5,000
NB-S	15,000	15,000	15,000	15,000	10,000	10,000	15,000	15,000	15,000	15,000
NI-S	50,000	20,000	50,000	100,000	50,000	70,000	30,000	30,000	200,000	70,000
PB-S	30,000	30,000	30,000	10,000	-10,000	50,000	30,000	30,000	-10,000	15,000
SD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	50,000	30,000	30,000	20,000	15,000	50,000	30,000	30,000	50,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	100,000	100,000	-100,000	150,000	150,000	150,000	100,000	100,000
V-S	200,000	150,000	200,000	150,000	100,000	200,000	300,000	300,000	100,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	50,000	70,000	70,000	50,000	50,000	70,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	700,000	500,000	+1000,000	700,000	200,000	700,000	500,000	+1000,000	+1000,000
CU-AA	65,000	60,000	50,000	23,000	17,000	50,000	40,000	60,000	14,000	18,000
PR-AA	17,000	16,000	17,000	13,000	8,000	19,000	17,000	20,000	8,000	10,000
ZN-AA	23,000	24,000	20,000	40,000	30,000	29,000	10,000	35,000	45,000	35,000
AG-AA										
CO-AA										
NI-AA										
PI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO	DAT430 CF0118	DAT431 CF0119	DAT432 CF0123	DAT433 CF0124	DAT434 CF0125	DAT435 CF0127	DAT436 CF0129	DAT437 CF0136	DAT438 CF0139	DAT439 CF0143
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	3,000	3,000	2,000	-1,000	-1,000	-1,000	3,000	2,000	-1,000	-1,000
MO-AA	55,000	60,000	40,000	6,000	3,000	65,000	65,000	2,000	2,000	20,000
W-AA										
AS-COL	20,000	40,000	10,000	-10,000	-10,000	-10,000	10,000	10,000	10,000	10,000
SB-COL										
CXCU-CCL										
MFT PES										
CO-CFL										
MO-COL										
W-COL										
P-COL										
SE-COL										
U-COL	40,000	40,000	20,000	-10,000	-10,000	-10,000	20,000	40,000	-10,000	-10,000

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORPENTE

NUM. LAB.	DAT440	DAT441	DAT442	DAT443	DAT444	DAT445	DAT446	DAT447	DAT448	DAT449
NUM. CAMPO	CF0143	CF0144	CF0146	CF0149	CF0152	CF0153	CF0154	CF0157	CF0158	CF0160
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2	D-V-2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0154	0154	0141	0139	0127	0218	0215	0200	0195	0176
ORDENADA - Y	0422	0432	0428	0397	0360	0392	0407	0383	0383	0351
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	J	H	H	J	J	J
TD. GEOLOG.										
MAT. COLET.	SILT	SILT	AREA	SILT	SILT	SILT	SILT	SILT	SILT	SILT
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	2	2	2	4	6	2	2	3	3	5
PROFUND. RIO	1,5	1,5	1,5	2,0	2,0	1,0	1,0	2,0	2,0	3,0
VELOC. CORR.										
NIVEL AGUA										
AREA OPENAG.	1	1	1	1	1	1	1	1	1	2
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SED.										
TIPO SED.										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT440 CF0143	DAT441 CF0144	DAT442 CF0146	DAT443 CF0149	DAT444 CF0152	DAT445 CF0153	DAT446 CF0154	DAT447 CF0157	DAT448 CF0158	DAT449 CF0160
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	2A20	2A20	2A20	2A20	2B30	2A20	2A20	2A20	2A20	2B20
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	15,000	7,000	10,000	15,000	15,000	10,000	7,000	15,000
MG-S %	0,200	0,300	0,200	0,300	0,300	0,300	0,200	0,300	0,300	0,200
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	30,000	30,000	70,000	70,000	70,000	50,000	150,000	300,000	70,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	70,000	70,000	70,000	70,000	70,000	50,000	70,000	70,000
BA-S	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
BF-S	1,500	1,500	1,500	2,000	2,000	1,500	2,000	1,500	2,000	2,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	5,000	5,000	5,000	7,000	7,000	10,000	15,000	15,000	15,000
CR-S	100,000	150,000	150,000	150,000	100,000	100,000	100,000	150,000	200,000	150,000
CU-S	100,000	150,000	150,000	150,000	100,000	150,000	150,000	200,000	150,000	200,000
LA-S	70,000	100,000	50,000	30,000	30,000	30,000	30,000	50,000	50,000	50,000
MO-S	20,000	100,000	70,000	70,000	50,000	100,000	70,000	70,000	50,000	50,000
NI-S	15,000	15,000	20,000	15,000	15,000	20,000	15,000	15,000	15,000	15,000
NT-S	50,000	30,000	20,000	20,000	30,000	30,000	30,000	50,000	70,000	70,000
PB-S	10,000	20,000	15,000	10,000	10,000	30,000	30,000	30,000	30,000	30,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	100,000	-100,000	-100,000	-100,000	-100,000	-100,000	100,000	150,000	100,000
V-S	150,000	200,000	200,000	150,000	150,000	200,000	150,000	300,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	50,000	30,000	30,000	50,000	30,000	70,000	50,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	500,000	500,000	300,000	300,000	300,000	300,000	300,000	300,000
CU-AA	35,000	45,000	50,000	45,000	40,000	40,000	60,000	80,000	65,000	65,000
PB-AA	11,000	13,000	16,000	14,000	18,000	17,000	15,000	19,000	20,000	24,000
ZN-AA	28,000	19,000	22,000	30,000	27,000	18,000	30,000	30,000	50,000	45,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 331

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT440 CF0143	DAT441 CF0144	DAT442 CF0146	DAT443 CF0149	DAT444 CF0152	DAT445 CF0153	DAT446 CF0154	DAT447 CF0157	DAT448 CF0158	DAT449 CF0160
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SB-AA	2,000	2,000	2,000	2,000	1,000	2,000	2,000	-1,000	1,000	2,000
MP-AA	55,000	90,000	30,000	75,000	40,000	30,000	25,000	25,000	2,000	25,000
W-AA										
AS-COL	10,000	20,000	20,000	20,000	10,000	20,000	20,000	10,000	10,000	-10,000
SB-COL										
CXCU-CCL										
MET PES										
CO-COL										
MO-COL										
W-COL										
P-COL										
SF-COL										
U-COL	20,000	20,000	20,000	80,000	40,000	20,000	20,000	40,000	20,000	40,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT450	DAT451	DAT452	DAT453	DAT454	DAT455	DAT456	DAT457	DAT458	DAT459
NUM. CAMPO	CF0162	CF0163	CF0164	CF0165	CF0166	CF0167	CF0169	CF0170	CF0171	CF0172
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	11/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0158	0557	0327	0333	0338	0332	0297	0303	0297	0254
ORDENADA - Y	0344	0351	0393	0393	0407	0433	0440	0432	0469	0478
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	SILT	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	C	A	A	C	C	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGUA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGUEZA RIO	2	6	3	2	2	5	2	2	2	2
PROFUND. RIO	1,0	4,0	2,0	1,0	1,0	2,0	0,5	1,0	1,0	1,0
VFLOC. CORR.		1	1			1	2			
NIVEL AGUA		1	1			1	1			
AREA DRENAG.	1	3	2	1	1	2	1	1	1	1
TURB. AGUA		2	1			1	1			
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA		G	A			D	A			
GRAU ABRED.										
VOL. CRICIM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SED. / SI.										
HOPIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT450 CF0162	DAT451 CF0163	DAT452 CF0164	DAT453 CF0165	DAT454 CF0166	DAT455 CF0167	DAT456 CF0169	DAT457 CF0170	DAT458 CF0171	DAT459 CF0172
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH		5,3	5,3			5,3	5,0		4,7	
MFTAL TOTAL										
CODIF. LIVRE	2R30	5710	5010	5710	5710	5710	5710	5710	5710	5710
PARAMETROS ANALITICOS										
FE-S %	3,000	1,500	1,000	1,000	3,000	0,700	0,500	0,700	1,000	10,000
MG-S %	0,100	0,050	0,030	0,150	0,300	0,030	0,050	0,150	0,030	0,300
CA-S %	-0,050	0,050	0,070	0,200	0,150	0,070	0,070	0,070	0,070	-0,050
TI-S %	+1,000	+1,000	+1,000	0,700	+1,000	0,700	0,300	0,700	0,150	+1,000
MN-S	30,000	150,000	200,000	100,000	700,000	50,000	100,000	70,000	70,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	30,000	70,000	70,000	30,000	50,000	50,000	20,000	70,000
BA-S	150,000	100,000	100,000	150,000	200,000	150,000	150,000	150,000	100,000	300,000
BE-S	1,500	NAO DET.	NAO DET.	1,000	2,000	-1,000	-1,000	-1,000	-1,000	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	15,000	5,000	10,000	30,000	5,000	5,000	5,000	5,000	20,000
CP-S	70,000	70,000	70,000	70,000	70,000	70,000	30,000	50,000	30,000	300,000
CU-S	30,000	30,000	-5,000	15,000	30,000	7,000	-5,000	5,000	5,000	150,000
LA-S	20,000	50,000	20,000	20,000	20,000	20,000	20,000	30,000	20,000	70,000
MO-S	5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	30,000
NB-S	15,000	15,000	15,000	15,000	20,000	15,000	10,000	15,000	-10,000	20,000
NI-S	70,000	70,000	70,000	10,000	300,000	5,000	5,000	5,000	5,000	70,000
PB-S	-10,000	NAO DET.	NAO DET.	-10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	30,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	10,000	15,000	10,000	50,000	5,000	-5,000	7,000	NAO DET.	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	-100,000	100,000	-100,000	-100,000	-100,000	-100,000	-100,000	150,000
V-S	150,000	100,000	30,000	70,000	100,000	50,000	30,000	70,000	70,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	100,000	30,000	30,000	100,000	20,000	15,000	30,000	10,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	300,000
CU-AA	21,000	4,000	4,000	10,000	15,000	3,000	4,000	7,000	6,000	50,000
PB-AA	10,000	-3,000	4,000	4,000	18,000	3,000	NAO DET.	-3,000	-3,000	20,000
ZN-AA	18,000	10,000	7,000	16,000	60,000	6,000	6,000	10,000	22,000	45,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE COPRENTE

NUM. LAB.	NUM. CAMPO	NUM. LAB.	NUM. CAMPO	NUM. LAB.	NUM. CAMPO	NUM. LAB.	NUM. CAMPO	NUM. LAB.	NUM. CAMPO	NUM. LAB.	NUM. CAMPO	NUM. LAB.	NUM. CAMPO
1554	270	1554	270	1554	270	1554	270	1554	270	1554	270	1554	270
BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4	SA-21-X-D-V-4
0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
02 00 01 S	02 00 03 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 03 S	02 00 03 S	02 00 03 S	02 00 03 S	02 00 03 S
54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
0249	0213	0213	0206	0251	0249	0271	0270	0275	0275	0275	0275	0275	0275
0480	0481	0481	0472	0453	0435	0427	0288	0287	0287	0287	0287	0287	0287
UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE	UTM - LESTE
UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE	UTM - NORTE
VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.	VER. CENT.

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.													
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.													
SIT. AMOST.	A	C	C	A	A	A	C	A	A	A	A	C	C
ALTITUDE													
PROF. AMOST.													
FORMA IGNEA													
SIT. ESTRUT.													
MATRIZ PRED.													
GRAU INTENS.													
TIPO ALTER.													
TIPO MINER.													
DEP. COCER.													
LARGURA RIO	2	2	2	2	2	3	4	2	3	3	3	3	3
PROFUND. RIO	1,0	1,0	1,0	1,0	1,0	1,0	2,0	1,0	2,0	2,0	2,0	2,0	2,0
VELOC. CORR.													
NIVEL AGUA													
AREA DRENAG.	1	1	1	1	1	1	2	1	1	1	1	2	2
TURB. AGUA													
POS. CCL.FTA	C	C	C	C	C	C	C	C	C	C	C	C	C
COR AGUA		A	A				A						A
GRAU ARRED.													
VOL. ORIGIN.													
PESO CONC.													
GRANULOMET.													
TEXT. SECIM.													
COR SEC./SL.													
HORIZ. SCLD													
TIPO SCLC													

SÉDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT460 CF0173	DAT461 CF0174	DAT462 CF0175	DAT463 CF0176	DAT464 CF0179	DAT465 CF0180	DAT466 CF0181	DAT467 CF0182	DAT468 CF0183	DAT469 CF0184
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		4,7	4,7				5,7			5,5
METAL TOTAL CODIF. LIVRE	5710	5710	5711	5710	5710	5710	5710	5710	5710	5710
PARAMETROS ANALITICOS										
FE-S %	0,150	0,150	0,150	1,500	1,500	1,000	2,000	0,200	0,700	3,700
MG-S %	0,030	0,020	0,020	0,200	0,070	0,100	0,100	0,030	0,050	0,050
CA-S %	0,050	-0,050	0,050	0,150	0,050	0,150	0,150	0,100	0,070	3,070
TI-S %	0,700	0,700	0,500	+1,000	+1,000	+1,000	1,000	0,300	0,300	0,700
MN-S	20,000	15,000	15,000	300,000	150,000	150,000	300,000	15,000	30,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	70,000	70,000	100,000	70,000	30,000	50,000	30,000
BA-S	100,000	150,000	150,000	200,000	150,000	150,000	150,000	70,000	70,000	70,000
BF-S	NAO DET.	NAO DET.	NAO DET.	1,000	1,000	1,000	1,000	-1,000	-1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	5,000	5,000	20,000	20,000	10,000	30,000	5,000	5,000	5,000
CR-S	30,000	10,000	30,000	70,000	70,000	70,000	70,000	15,000	30,000	30,000
CU-S	-5,000	-5,000	-5,000	30,000	500,000	20,000	15,000	-5,000	-5,000	-5,000
LA-S	NAO DET.	NAO DET.	NAO DET.	50,000	50,000	20,000	20,000	NAO DET.	NAO DET.	NAO DET.
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	10,000	-10,000	15,000	15,000	30,000	15,000	10,000	10,000	15,000
NI-S	50,000	15,000	15,000	70,000	70,000	50,000	50,000	5,000	5,000	10,000
PD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	-5,000	NAO DET.	-5,000	20,000	10,000	10,000	15,000	NAO DET.	-5,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	-100,000	-100,000	-100,000	-100,000	-100,000	100,000	-100,000	-100,000	-100,000	-100,000
V-S	30,000	20,000	30,000	100,000	70,000	70,000	70,000	30,000	30,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	10,000	20,000	70,000	70,000	30,000	30,000	10,000	10,000	15,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	700,000	1000,000	+1000,000
CU-AA	3,000	-3,000	-3,000	13,000	300,000	9,000	8,000	3,000	4,000	4,000
PH-AA	NAO DET.	NAO DET.	NAO DET.	7,000	3,000	3,000	9,000	-3,000	-3,000	-3,000
ZN-AA	-3,000	3,000	3,000	24,000	150,000	14,000	14,000	7,000	5,000	4,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

	DAT470	DAT471	DAT472	DAT473	DAT474	DAT475	DAT476	DAT477	DAT478	DAT479
NUM. LAB.	CF0185	CF0186	CF0187	CF0189	CF0190	CF0191	CF0192	CF0193	CF0195	CF0197
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0321	0298	0292	0305	0292	0304	0159	0164	0182	0128
ORDENADA - Y	0297	0327	0326	0348	0353	0370	0468	0463	0490	0050
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

	1	2	3	4	5	6	7	8	9	10
CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	C	A	A	C	C	A	A	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	3	3	4	2	2	5	3	3	4	5
PROFUND. RIO	2,0	2,0	3,0	2,0	2,0	4,0	2,0	2,0	2,0	3,0
VELOC. CORR.	1	1	1	1	1	1	1	1	1	1
NIVEL AGUA		1	1			1	1	1		1
AREA DRENAG.	1	1	2	1	1	2	2	2	2	1
TURB. AGUA		1	0			1	1	1		1
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA		A	A			A	A	A		A
GRAU ARRED.										
VOL. FRIGID.										
PESQ CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SED. / SI.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT470 CF0185	DAT471 CF0186	DAT472 CF0187	DAT473 CF0189	DAT474 CF0193	DAT475 CF0191	DAT476 CF0192	DAT477 CF0193	DAT478 CF0195	DAT479 CF0197
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		5,5	5,7			5,5	5,0			5,3
METAL TOTAL										
CODIF. LIVRE	5710	5710	5710	5710	5710	5710	5710	5710	5710	5810
PARAMETROS ANALITICOS										
FE-S %	1,000	0,500	0,700	0,150	3,000	2,000	0,500	0,500	3,000	0,700
MG-S %	0,050	0,030	0,150	0,030	0,300	0,300	0,050	0,050	0,200	0,030
CA-S %	0,050	0,070	0,150	0,050	0,150	0,150	0,100	0,070	0,100	0,050
TI-S %	0,700	0,700	0,700	0,700	0,500	0,700	0,700	0,700	1,000	0,700
MN-S	150,000	70,000	50,000	50,000	150,000	200,000	70,000	150,000	500,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	15,000	30,000	30,000	70,000	70,000	30,000	20,000	100,000	50,000
BA-S	50,000	70,000	150,000	50,000	200,000	200,000	100,000	70,000	500,000	100,000
BE-S	1,000	-1,000	1,500	-1,000	2,000	1,500	1,000	-1,000	3,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	5,000	15,000	5,000	20,000	20,000	5,000	5,000	70,000	5,000
CR-S	70,000	30,000	70,000	20,000	70,000	70,000	50,000	30,000	70,000	70,000
CU-S	7,000	-5,000	5,000	-5,000	10,000	20,000	5,000	-5,000	50,000	150,000
LA-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	30,000	20,000	NAO DET.	NAO DET.	70,000	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.
NB-S	15,000	15,000	10,000	10,000	15,000	15,000	10,000	15,000	15,000	15,000
NT-S	7,000	7,000	20,000	7,000	70,000	30,000	7,000	7,000	70,000	150,000
PB-S	-10,000	NAO DET.	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	15,000	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	-5,000	5,000	7,000	-5,000	10,000	7,000	-5,000	-5,000	20,000	-5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	100,000	-100,000	150,000	100,000	-100,000	-100,000	-100,000	-100,000
V-S	30,000	30,000	70,000	30,000	70,000	70,000	30,000	30,000	150,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	10,000	15,000	30,000	10,000	20,000	20,000	15,000	15,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	+1000,000	500,000	1000,000	300,000	700,000	+1000,000	+1000,000	500,000	+1000,000
CU-AA	5,000	3,000	4,000	-3,000	6,000	13,000	5,000	3,000	25,000	85,000
PB-AA	3,000	-3,000	-3,000	NAO DET.	6,000	6,000	-3,000	-3,000	15,000	-3,000
ZN-AA	7,000	4,000	10,000	-3,000	22,000	18,000	10,000	8,000	55,000	40,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AJ-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT480	DAT481	DAT482	DAT483	DAT484	DAT485	DAT486	DAT487	DAT488	DAT489
NUM. CAMPO	CF0198	CF0201	CF0202	CF0204	CF0206	CF0208	CF0209	CF0211	CF0213	CF0214
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-V-2	D-V-2	D-V-2	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0121	0133	0128	0147	0383	0388	0382	0388	0398	0393
ORDENADA - Y	0342	0188	0181	0178	0414	0383	0361	0345	0309	0312
UTM - LFSTE										
UTM - ACRTF										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	G	G	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ARFA	AREA	AREA	ARGL	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	D	D	D	D	D	D	D
TIPO VEGET.	C	C	C	C	C	C	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	C	C	C	A
ALTITUDE										
PROF. AMOST.										
FORMA TONFA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	5	4	4	5	5	4	2	4	3	3
PROFUND. RIO	3,0	2,0	1,5	1,5	2,5	2,5	3,0	2,0	2,0	2,5
VELOC. CORR.							1		1	
NIVEL AGUA							1		1	
AREA DEFNAG.	1	1	1	1	2	2	1	1	1	1
TURN. AGUA							1		1	
POS. COLFTA	C	C	C	C	C	C	C	C	C	C
COR. ACUA							A		A	
GRAU APRED.										
YOL. FRICIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SOCM.										
COR. SFC./SL.										
HORIZ. SCLC										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT480 CF0198	DAT481 CF0201	DAT482 CF0202	DAT483 CF0204	DAT484 CF0206	DAT485 CF0208	DAT486 CF0209	DAT487 CF0211	DAT488 CF0213	DAT489 CF0216
PARAMETROS ANALITICOS DE CAMPO										
FH: CVCLT										
PH							4,7			
METAL TOTAL										
CODIF. LIVRE	4810	3910	3950	3900	5710	5710	5710	5040	5730	5730
PARAMETROS ANALITICOS										
FE-S %	0,700	15,000	5,000	5,000	1,500	1,000	1,000	1,500	1,500	1,500
MG-S %	0,030	0,100	0,150	0,100	0,150	0,030	0,070	0,070	0,070	0,070
CA-S %	-0,050	0,050	0,200	0,070	0,300	0,070	0,150	0,300	0,150	0,150
TI-S %	1,000	1,000	+1,000	+1,000	0,700	1,000	0,700	0,700	1,000	0,700
MN-S	200,000	300,000	1500,000	300,000	150,000	150,000	200,000	150,000	150,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	100,000	70,000	30,000	30,000	30,000	70,000	70,000
BA-S	70,000	300,000	200,000	300,000	300,000	70,000	150,000	150,000	150,000	150,000
BF-S	NAO DET.	3,000	-1,000	2,000	1,500	NAO DET.	NAO DET.	1,000	1,000	1,500
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	50,000	50,000	50,000	15,000	5,000	7,000	7,000	5,000	10,000
CR-S	70,000	70,000	70,000	70,000	70,000	50,000	70,000	70,000	50,000	70,000
CU-S	5,000	50,000	150,000	150,000	30,000	7,000	10,000	10,000	7,000	5,000
LA-S	20,000	70,000	20,000	70,000	20,000	20,000	20,000	20,000	50,000	50,000
MO-S	NAO DET.	5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.
NB-S	10,000	15,000	20,000	20,000	10,000	15,000	15,000	10,000	10,000	10,000
NI-S	7,000	150,000	100,000	100,000	20,000	20,000	10,000	10,000	7,000	10,000
PB-S	NAO DET.	10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	20,000	15,000	20,000	10,000	-5,000	7,000	-5,000	5,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	-100,000	-100,000	-100,000	150,000	-100,000	100,000	100,000	-100,000	-100,000
V-S	50,000	150,000	300,000	200,000	70,000	50,000	50,000	70,000	30,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	70,000	70,000	70,000	30,000	20,000	30,000	30,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	500,000	+1000,000	+1000,000	+1000,000	+1000,000	700,000
CU-AA	4,000	18,000	40,000	30,000	13,000	4,000	6,000	8,000	6,000	6,000
PR-AA	-3,000	7,000	4,000	6,000	6,000	-3,000	-3,000	7,000	-3,000	4,000
ZN-AA	4,000	50,000	28,000	40,000	24,000	4,000	10,000	30,000	9,000	9,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT490	DAT491	DAT492	DAT493	DAT494	DAT495	DAT496	DAT549	DAT550	DAT551
NUM. CAMPO	CF0216	CF0218	CF0219	CF0220	CF0222	CF0224	CF0141	JE0099	JE0100	JE0101A
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDECENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA21XDVI	SA21XD V	SA21XDVI
RASF. CART.	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-2	2	1 2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	11/77	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0441	0410	0412	0412	0378	0378	0097	0540	0534	0534
ORDENADA - Y	0482	0501	0460	0460	0486	0526	0325	0053	0092	0092
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA FOG.	B	B	B	B	B	B	J	B	B	B
TD. GEOLOG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	ALUV	ALUV	ALJV
PLUVIOSIDADE	D	D	D	D	D	D	A	C	C	C
TIPO VEGET.	C	A	C	C	C	C	C	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	C	A	C	C	C
ALTITUDE										
PROF. AMOST.									0,10	0,10
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTR.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	2	2	6	6	4	2	3	2	4	4
PROFUND. RIO	1,5	1,0	3,0	3,0	2,5	1,0	2,0	1,0	1,5	1,5
VELOC. COCCR.						1		1	1	1
NIVEL AGUA						1		1	1	1
ART. DEFENAG.	1	1	3	3	1	1	1	1	1	1
TUBB. AGUA						1		0	0	0
POS. CELETA	C	C	C	C	C	C	C	C	C	C
COR AGUA						A		A	A	A
GRAU AFRED.										B
VOL. ORIGEM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SED./SL.										
HORIZ. SCIO										
TIPO SOLO										
								1711	811	811

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT490 CF0216	DAT491 CF0218	DAT492 CF0219	DAT493 CF0220	DAT494 CF0222	DAT495 CF0224	DAT496 CF0141	DAT549 JE0099	DAT550 JE0100	DAT551 JE0101A
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH						5,0		5,7	5,7	5,7
METAL TOTAL										
COEF. LIVRE	5730	5730	5700	5700	5700	5710	2010	640	60	60
PARAMETROS ANALITICOS										
FE-S %	1,500	0,500	2,000	2,000	1,000	0,500	10,000	0,700	1,000	1,500
MG-S %	0,050	0,030	0,030	0,050	0,030	0,030	0,100	0,050	0,150	0,150
CA-S %	0,050	-0,050	0,050	0,070	0,050	0,050	0,050	0,300	0,300	0,300
TI-S %	+1,000	0,700	+1,000	+1,000	0,700	0,700	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	30,000	200,000	500,000	70,000	150,000	500,000	150,000	300,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	100,000	70,000	70,000	70,000	100,000	70,000	30,000	50,000
BA-S	150,000	70,000	150,000	150,000	100,000	150,000	300,000	150,000	200,000	200,000
BF-S	-1,000	NAO DET.	NAO DET.	-1,000	-1,000	1,000	3,000	NAO DET.	1,000	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	7,000	-5,000	10,000	15,000	5,000	7,000	30,000	5,000	7,000	20,000
CR-S	70,000	30,000	70,000	70,000	30,000	30,000	150,000	30,000	70,000	70,000
CU-S	30,000	-5,000	20,000	20,000	7,000	7,000	150,000	10,000	15,000	30,000
LA-S	20,000	20,000	30,000	70,000	30,000	20,000	50,000	50,000	50,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	10,000	10,000	10,000	10,000	10,000	15,000	15,000	10,000	15,000
NI-S	10,000	10,000	10,000	10,000	10,000	10,000	70,000	10,000	15,000	30,000
PR-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	10,000	15,000	15,000	7,000	-5,000	30,000	5,000	7,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	-100,000
V-S	70,000	30,000	100,000	70,000	70,000	30,000	200,000	50,000	50,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	30,000	30,000	30,000	20,000	70,000	30,000	15,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	700,000	+1000,000	+1000,000	700,000	700,000
CU-AA	8,000	-3,000	4,000	10,000	5,000	4,000	30,000	4,000	10,000	10,000
PB-AA	3,000	NAO DET.	-3,000	-3,000	-3,000	NAO DET.	11,000	NAO DET.	-3,000	-3,000
ZN-AA	7,000	-3,000	8,000	17,000	7,000	7,000	50,000	8,000	16,000	19,000
AG-AA										
CR-AA										
NI-AA										
RI-AA										
CO-AA										
TE-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT552 JE0102	DAT553 JE0106	DAT554 JE0107	DAT555 JE0108	DAT556 JE0109	DAT557 JE0110	DAT558 JE0115	DAT559 JE0117	DAT560 JE0120	DAT561 JE0121
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,7							5,5		
METAL TOTAL										
CODIF. LIVRE	6 0	3 10	3 10	3 10	2220	2220	2310	3 10	2310	2310
PARAMETROS ANALITICOS										
FE-S %	0,700	0,700	0,700	2,000	7,000	1,500	7,000	10,000	7,000	7,000
MG-S %	0,070	0,020	0,070	0,070	0,150	0,150	0,150	0,100	0,150	0,150
CA-S %	0,200	-0,050	0,050	0,300	-0,050	-0,050	0,050	0,070	0,070	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	100,000	70,000	70,000	700,000	700,000	300,000	150,000	300,000	700,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	30,000	70,000	70,000	100,000	150,000	100,000	30,000	70,000	70,000
BA-S	150,000	100,000	200,000	150,000	200,000	300,000	300,000	150,000	500,000	200,000
BE-S	1,000	-1,000	1,000	2,000	5,000	5,000	5,000	1,500	3,000	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	10,000	7,000	15,000	30,000	50,000	50,000	30,000	50,000	100,000	50,000
CS-S	30,000	20,000	70,000	50,000	100,000	100,000	100,000	100,000	150,000	100,000
CU-S	5,000	-5,000	30,000	30,000	50,000	50,000	30,000	100,000	150,000	150,000
LA-S	70,000	30,000	50,000	70,000	100,000	100,000	70,000	30,000	100,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	NAO DET.	-5,000	-5,000	-5,000	5,000
NB-S	10,000	10,000	15,000	15,000	15,000	15,000	15,000	10,000	15,000	15,000
NI-S	10,000	10,000	20,000	10,000	70,000	100,000	50,000	100,000	150,000	100,000
PB-S	-10,000	-10,000	-10,000	-10,000	30,000	15,000	30,000	-10,000	15,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	7,000	15,000	15,000	20,000	30,000	30,000	20,000	30,000	50,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.	-100,000	-100,000
V-S	30,000	100,000	100,000	70,000	200,000	200,000	150,000	700,000	700,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	20,000	30,000	30,000	100,000	70,000	70,000	30,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	+1000,000	300,000	+1000,000	1000,000	+1000,000	700,000	+1000,000	700,000	700,000
CU-AA	6,000	8,000	15,000	17,000	22,000	24,000	17,000	16,000	45,000	50,000
PB-AA	-3,000	-3,000	5,000	6,000	16,000	16,000	18,000	6,000	9,000	7,000
ZN-AA	9,000	6,000	12,000	18,000	35,000	30,000	40,000	24,000	35,000	24,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AI-AA										
NA-AA										
K-AA										

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 349

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTF

NUM. LAB. NUM. CAMPO CXC- CR- SE- HG- SB- MO- W- AA	DAT552 JE0102	DAT553 JE0106	DAT554 JE0107	DAT555 JE0108	DAT556 JE0109	DAT557 JE0110	DAT558 JE0115	DAT559 JE0117	DAT560 JE0120	DAT561 JE0121
AS-COI	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CPL										
CXC-CCL										
MET PES										
CO-CPL										
MO-CPL										
W-COL										
P-COI										
SF-CCL										
U-COI	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT562	DAT563	DAT564	DAT565	DAT566	DAT567	DAT568	DAT569	DAT570	DAT571
NUM. CAMPO	JE0122	JE0124	JE0125	JE0126	JE0128	JE0129	JE0131	JE0132	JE0134	JE0135
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XD V	SA21XDVI	SA21XD V	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	1 2	2	1 2	2	2	2	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/72	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0292	0445	0448	0418	0378	0379	0395	0405	0436	0474
ORDENADA - Y	0224	0146	0158	0135	0224	0234	0184	0049	0070	0075
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOLOGIA	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	B	B	A	B	B	C	B	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.	0,00	0,00	0,00	0,40	0,40	0,20		0,10	0,20	0,30
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	6	8	5	11	8	3	10	5	2	2
PROFUND. RIO	2,0	2,5	2,0	2,0	3,0	2,5	3,5	1,5	1,0	1,0
VELOC. CORR.				1	2	1	2	3	1	1
NIVEL AGUA	0	0	0	1	1	1	1	1	1	1
AREA DRENAG.	1	1	1	2	1	1	2	1	1	1
TURB. AGUA				0	0	0	1	0	0	0
PUS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA				A	C	C	C	C	A	A
GRAU ABREC.	B	B	B	B	B	B	B	B	B	B
VOL. ORIGIN.										
PESO COCC.										
GRANULOMET.										
TEXT. SPM.	31 51	811	81 1	91	1711		613	81 1	721	15 3
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT562 JE0122	DAT563 JE0124	DAT564 JE0125	DAT565 JE0126	DAT566 JE0128	DAT567 JE0129	DAT568 JE0131	DAT569 JE0132	DAT570 JE0134	DAT571 JE0135
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH						5,5	5,5	6,2	5,9	6,5
METAL TOTAL										
COEF. LIVRE	2310	4 10	4 10	4 10	3 10	3 10	4 10	4 10	4 10	6 40
PARAMETROS ANALITICOS										
FE-S %	10,000	0,500	0,200	0,700	10,000	10,000	1,500	0,500	0,700	1,500
MG-S %	0,150	0,030	0,030	0,030	0,100	0,070	0,050	0,030	0,020	0,030
CA-S %	-0,050	0,050	-0,050	-0,050	0,070	0,050	0,070	-0,050	-0,050	0,070
TI-S %	+1,000	0,700	0,300	1,000	+1,000	+1,000	+1,000	0,700	0,700	0,700
4N-S	300,000	50,000	20,000	150,000	700,000	700,000	500,000	70,000	30,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
H-S	50,000	70,000	30,000	50,000	70,000	70,000	70,000	150,000	70,000	30,000
BA-S	200,000	150,000	150,000	70,000	200,000	150,000	100,000	100,000	70,000	100,000
BF-S	3,000	NAO DET.	NAO DET.	NAO DET.	2,000	1,500	NAO DET.	NAO DET.	NAO DET.	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	100,000	15,000	15,000	15,000	150,000	100,000	70,000	70,000	30,000	70,000
CU-S	50,000	-5,000	-5,000	5,000	150,000	150,000	30,000	-5,000	10,000	7,000
LA-S	100,000	NAO DET.	NAO DET.	NAO DET.	30,000	30,000	20,000	20,000	20,000	20,000
MO-S	7,000	NAO DET.	NAO DET.	NAO DET.	5,000	5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NO-S	15,000	-10,000	-10,000	-10,000	15,000	15,000	-10,000	10,000	-10,000	10,000
NI-S	100,000	10,000	5,000	5,000	150,000	70,000	50,000	100,000	5,000	5,000
PR-S	15,000	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	7,000	NAO DET.	NAO DET.	30,000	20,000	10,000	20,000	-5,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	30,000	20,000	30,000	300,000	300,000	150,000	30,000	30,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	15,000	15,000	10,000	70,000	50,000	30,000	30,000	10,000	15,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	+1000,000	700,000	1000,000	1000,000	1000,000	+1000,000	+1000,000	+1000,000	1000,000
CU-AA	19,000	4,000	-3,000	7,000	50,000	60,000	8,000	4,000	8,000	5,000
PB-AA	9,000	-3,000	-3,000	-3,000	7,000	10,000	3,000	3,000	-3,000	3,000
ZN-AA	20,000	3,000	3,000	5,000	40,000	35,000	10,000	5,000	7,000	8,000
AG-AA										
CI-AA										
NI-AA										
BI-AA										
CD-AA										
TC-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 352

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT562 JE0122	DAT563 JE0124	DAT564 JE0125	DAT565 JE0126	DAT566 JE0128	DAT567 JE0129	DAT568 JE0131	DAT569 JE0132	DAT570 JE0134	DAT571 JE0135
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	NAO DET.	NAO DET.	NAO DET.	-1,000	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COI	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMD. BIOTICO	DAT572 JE0136	DAT573 JE0137	DAT574 JE0138	DAT575 JE0139	DAT576 JE0140	DAT577 JE0141	DAT578 JE0143	DAT579 JE0144	DAT580 JE0145	DAT581 JE0145
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,9	5,9	5,9						5,5	
METAL TOTAL CODIF. LIVRE	4 40	6 40	4 10	4 10	4 10	4 11	3 10	3 10	3 30	3 10
PARAMETROS ANALITICOS										
FE-S %	1,500	5,000	7,000	1,000	3,000	1,500	3,000	3,000	7,000	5,000
MG-S %	0,100	0,500	0,070	0,030	0,020	0,020	0,070	0,070	0,150	0,050
CA-S %	0,200	0,700	0,100	0,050	-0,050	0,050	0,050	-0,050	0,050	0,050
TI-S %	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000
MN-S	200,000	+5000,000	1000,000	150,000	1000,000	500,000	300,000	300,000	700,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	30,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
BA-S	150,000	1000,000	150,000	70,000	70,000	70,000	150,000	70,000	150,000	150,000
BE-S	1,000	3,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	3,000	NAO DET.	3,000	2,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	15,000	50,000	50,000	5,000	20,000	10,000	30,000	30,000	30,000	20,000
CR-S	70,000	70,000	30,000	30,000	50,000	30,000	70,000	70,000	100,000	70,000
CU-S	30,000	70,000	150,000	20,000	50,000	50,000	30,000	70,000	100,000	50,000
LA-S	20,000	30,000	30,000	20,000	20,000	20,000	30,000	30,000	50,000	30,000
MO-S	NAO DET.	-5,000	5,000	-5,000	5,000	-5,000	-5,000	-5,000	5,000	-5,000
NB-S	10,000	10,000	10,000	15,000	15,000	10,000	10,000	10,000	10,000	10,000
NI-S	10,000	100,000	5,000	5,000	5,000	5,000	70,000	50,000	200,000	150,000
PB-S	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	7,000	15,000	15,000	-5,000	INTERFER.	10,000	10,000	10,000	INTERFER.	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	150,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.
V-S	70,000	100,000	200,000	70,000	500,000	150,000	150,000	200,000	200,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	30,000	15,000	20,000	20,000	30,000	20,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	700,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	700,000	+1000,000	+1000,000
CU-AA	13,000	35,000	35,000	8,000	5,000	9,000	21,000	10,000	22,000	15,000
PB-AA	5,000	14,000	4,000	4,000	4,000	3,000	4,000	6,000	7,000	5,000
ZN-AA	24,000	120,000	14,000	5,000	6,000	7,000	19,000	10,000	35,000	20,000
AG-AA										
CA-AA										
NI-AA										
BT-AA										
CO-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE COPRENTE

NUM. LAB. NUM. CAMPO C. CUSTO S. CUSTO PROCEDENCIA BASE CART. BASE CART. ESCALA DATA LATITUDE LONGITUDE ABCISSA - X ORDENADA - Y UTM - LESTE UTM - NORTE MER. CENT.	DAT582 JE0147	DAT583 JE0151	DAT584 JE0152	DAT585 JE0153	DAT586 JE0154	DAT587 JE0155	DAT588 JE0156	DAT589 JE0157	DAT590 JE0158	DAT591 JE0160
	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
	270	270	270	270	270	270	270	270	270	270
	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XD V	SA21XDVI	SA21XD V	SA21XDVI	SA21XDVI
	2	2	2	2	2	1 2	2	1 2	2	2
	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
	0146	0138	0141	0160	0190	0205	0260	0295	0300	0374
	0068	0072	0064	0065	0182	0151	0123	0155	0142	0002

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST. TIPO AMOST. FONTE AMOST. ROCHA FEG. ID. GEOLG. MAT. COLET. PLUVIOSTICIDADE TIPO VEGET. SIT. TOPOG. SIT. AMOST. ALTITUDE PROF. AMOST. FORMA IGNEA SIT. ESTRUT. MATRIZ PRED. GRAU INTENS. TIPO ALTER. TIPO MINER. DEP. COCCR. LARGURA RIO PROFUND. RIO VELOC. COCCR. NIVEL AGUA ARTE DRENAG. TURB. AGUA POS. COLETA DIR. AGUA GRAU AFREC. VOL. ORIGEM. PESO LIT. GRANULOMET. TEXT. SEDIM. COR SFC./SL. HORIZ. SFCO TIPO SFCO	S A L B ALUV C B C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 5 2,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 3 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 4 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 4 1,5 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 3 1,0 0,5 0,4 0,5 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 2 0,5 0,5 0,4 0,5 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 1 0,4 0,4 0,5 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 1 0,5 0,5 0,4 0,5 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 1 1,0 1 1 1 1 0 C A B	S A L B ALUV C C C C 0,10 0,10 0,00 0,00 0,00 0,00 0,20 0,00 0,40 11 3,0 1 1 1 2 0 C A B
	2512	82	217			82	24 4	118	3241	

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT582 JF0147	DAT583 JE0151	DAT584 JE0152	DAT585 JF0153	DAT586 JE0154	DAT587 JE0155	DAT588 JE0156	DAT589 JE0157	DAT590 JE0158	DAT591 JE0160
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		5,5	5,5					5,5	5,5	5,5
METAL TOTAL										
CONDIF. LIVRE	3 10	3 10	3 10	3 10	2310	2330	3 0	3 0	3 0	48 0
PARAMETROS ANALITICOS										
FE-S %	7,000	7,000	7,000	7,000	7,000	7,000	1,000	15,000	0,700	1,000
MG-S %	0,070	0,070	0,070	0,150	0,150	0,100	0,070	0,100	0,070	0,050
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	0,050	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	0,700	1,000	0,700	1,000	1,000
MN-S	700,000	700,000	500,000	1500,000	300,000	700,000	100,000	150,000	30,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	30,000	30,000	10,000	30,000	100,000	50,000	150,000	30,000	100,000	100,000
BA-S	150,000	70,000	100,000	150,000	300,000	150,000	150,000	300,000	150,000	70,000
BF-S	NAO DET.	NAO DET.	NAO DET.	-1,000	3,000	-1,000	2,000	3,000	1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	30,000	20,000	30,000	100,000	30,000	150,000	20,000	30,000	5,000	5,000
CU-S	70,000	70,000	70,000	200,000	150,000	150,000	70,000	100,000	70,000	20,000
LA-S	100,000	100,000	150,000	150,000	50,000	150,000	30,000	30,000	20,000	10,000
MO-S	30,000	20,000	20,000	70,000	100,000	50,000	50,000	70,000	50,000	20,000
NO-S	-5,000	-5,000	-5,000	5,000	7,000	-5,000	NAO DET.	10,000	NAO DET.	NAO DET.
NI-S	10,000	10,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000	-10,000
NT-S	100,000	30,000	70,000	150,000	50,000	200,000	70,000	30,000	5,000	5,000
PB-S	-10,000	-10,000	-10,000	-10,000	15,000	-10,000	10,000	30,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	INTERFER.	INTERFER.	20,000	20,000	20,000	10,000	15,000	7,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	500,000	500,000	700,000	1000,000	150,000	700,000	150,000	200,000	100,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	15,000	15,000	30,000	70,000	70,000	50,000	30,000	70,000	15,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	1000,000	1000,000	+1000,000	1000,000	300,000	700,000	+1000,000
CU-AA	9,000	6,000	8,000	18,000	20,000	50,000	12,000	19,000	6,000	5,000
PB-AA	8,000	-3,000	4,000	9,000	16,000	7,000	14,000	22,000	4,000	NAO DET.
ZN-AA	15,000	5,000	10,000	35,000	35,000	30,000	28,000	30,000	8,000	4,000
AG-AA										
CO-AA										
TI-AA										
BI-AA										
CD-AA										
IT-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAP.	DAT592	DAT593	DAT594	DAT595	DAT596	DAT597	DAT598	DAT599	DAT600	DAT601
NUM. CAMPO	JE0161	JE0162	JE0163	JE0164	JE0166	JE0167	JE0169	JE0170	JE0172	PPJ225
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	2	4	4	4	4	1
BASE CART.										2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0374	0396	0406	0408	0445	0202	0268	0254	0345	0435
ORDENADA - Y	0002	0025	0020	0003	0010	0037	0180	0182	0204	0219
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	C	B	A	B	B	A	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	A	C	C	A	A	C	A
ALTITUDE										
PRIF. AMOST.	0,60	0,80	0,10	0,00	0,20	0,10	0,00	0,00	0,50	0,30
FORMA IGAEA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCPR.										
LARGURA RIO	10	11	3	2	2	8	2	3		6
PROFUND. RIO	3,5	3,0	2,0	2,0	1,0	2,0	1,5	1,0	2,0	3,0
VELOC. CCCPR.	1	1	1	1	1	1	1	1	1	1
NIVEL AGUA	1	1	1	0	1	1	0	0	1	0
AREA DRENAG.	2	2	1	1	1	1	1	1	1	1
TURB. AGUA	0	0	0	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	C	C	A		A	C			C	
GRAU ARREC.					B					0
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SPECIM.	613	452	91	82	712	82	82	1171	271	30
COR SEC./SL.										9
HORIZ. SPECIM.										1
TIPO SELC										F

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT592 JF0161	DAT593 JE0162	DAT594 JE0163	DAT595 JE0164	DAT596 JE0166	DAT597 JE0167	DAT598 JE0169	DAT599 JE0170	DAT600 JE0172	DAT601 PP0225
PARAMETROS ANALITICOS DE CAMPO										
EH CVULT										
PH	5,5	5,2	5,7		5,5					
METAL TOTAL										
COEF. LIVRE	48 0	48 0	48 0	48 0	60 0	1 10	1 0	1 0	1 10	3 13
PARAMETROS ANALITICOS										
FF-S %	1,000	3,000	0,300	3,000	1,500	3,000	5,000	7,000	10,000	1,500
MG-S %	0,030	0,100	0,030	0,150	0,070	0,200	0,100	0,150	0,100	0,050
CA-S %	-0,050	0,100	-0,050	0,050	-0,050	0,150	0,100	0,100	0,070	-0,050
TI-S %	+1,000	+1,000	0,200	+1,000	0,200	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	100,000	500,000	20,000	150,000	70,000	300,000	1000,000	500,000	1500,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	100,000	70,000	70,000	70,000	70,000	70,000	50,000	30,000
BA-S	100,000	150,000	100,000	200,000	150,000	300,000	200,000	200,000	150,000	100,000
BE-S	NAO DET.	3,000	NAO DET.	2,000	1,000	3,000	1,000	1,000	-1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	50,000	NAO DET.	20,000	7,000	30,000	50,000	50,000	70,000	10,000
CR-S	70,000	70,000	50,000	70,000	50,000	70,000	100,000	100,000	150,000	70,000
CU-S	15,000	150,000	-5,000	100,000	10,000	150,000	150,000	150,000	150,000	30,000
LA-S	20,000	50,000	NAO DET.	50,000	20,000	50,000	70,000	70,000	100,000	70,000
MO-S	NAO DET.	-5,000	NAO DET.	-5,000	-5,000	5,000	10,000	7,000	10,000	NAO DET.
NB-S	10,000	10,000	-10,000	15,000	-10,000	15,000	15,000	15,000	15,000	15,000
NI-S	5,000	50,000	5,000	10,000	5,000	70,000	70,000	70,000	70,000	50,000
PB-S	NAO DET.	-10,000	NAO DET.	15,000	-10,000	15,000	15,000	10,000	15,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	7,000	15,000	NAO DET.	15,000	-5,000	10,000	15,000	15,000	15,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	-100,000	NAO DET.
V-S	70,000	200,000	30,000	200,000	70,000	200,000	200,000	300,000	500,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	10,000	50,000	15,000	30,000	50,000	50,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	500,000	+1000,000	500,000	700,000	300,000	1000,000	500,000	700,000	+1000,000
CU-AA	5,000	20,000	3,000	26,000	7,000	50,000	24,000	40,000	50,000	4,000
PR-AA	-3,000	4,000	NAO DET.	11,000	1,000	13,000	10,000	13,000	14,000	6,000
ZN-AA	4,000	20,000	3,000	24,000	8,000	60,000	35,000	40,000	55,000	4,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA 2										
K-AA 2										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT602 PP0229	DAT603 PP0234	DAT604 PP0235	DAT605 PP0236	DAT606 PP0237	DAT607 PP0241	DAT608 PP0242	DAT609 PP0246	DAT610 PP0249	DAT611 PP0250
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	3 10	2220	2220	2310	2310	2310	2310	4 10	2330	2330
PARAMETROS ANALITICOS										
FE-S %	1,500	1,500	1,000	2,000	3,000	10,000	3,000	0,500	3,000	3,000
MG-S %	0,100	0,100	0,070	0,070	0,070	0,150	0,300	0,030	0,070	0,070
CA-S %	0,070	-0,050	-0,050	-0,050	0,150	-0,050	-0,050	0,050	-0,050	0,050
TI-S %	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	0,300	+1,000	+1,000
MN-S	150,000	150,000	150,000	100,000	300,000	150,000	+5000,000	30,000	300,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	100,000	70,000	50,000	100,000	70,000	30,000	30,000	50,000
BA-S	150,000	300,000	200,000	200,000	100,000	500,000	700,000	150,000	70,000	150,000
BF-S	1,500	3,000	1,500	3,000	-1,000	3,000	2,000	NAO DET.	NAO DET.	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	50,000	30,000	30,000	30,000	30,000	100,000	7,000	15,000	10,000
CR-S	70,000	70,000	70,000	70,000	70,000	100,000	150,000	15,000	70,000	70,000
CU-S	50,000	50,000	30,000	50,000	70,000	50,000	100,000	5,000	50,000	30,000
LA-S	50,000	50,000	30,000	50,000	30,000	100,000	150,000	20,000	30,000	30,000
MO-S	-5,000	-5,000	-5,000	-5,000	-5,000	5,000	-5,000	NAO DET.	-5,000	-5,000
NB-S	15,000	15,000	15,000	15,000	10,000	20,000	20,000	-10,000	10,000	15,000
NI-S	30,000	70,000	100,000	150,000	70,000	70,000	30,000	5,000	30,000	30,000
PB-S	-10,000	20,000	10,000	10,000	-10,000	30,000	30,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	15,000	15,000	15,000	15,000	20,000	30,000	NAO DET.	15,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	-100,000	-100,000	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	150,000	100,000	150,000	200,000	200,000	200,000	30,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	30,000	30,000	15,000	50,000	70,000	15,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	700,000	+1000,000	1000,000	+1000,000	700,000	700,000	+1000,000	+1000,000	+1000,000
CU-AA	16,000	20,000	19,000	35,000	17,000	18,000	24,000	3,000	7,000	10,000
PB-AA	6,000	11,000	10,000	14,000	4,000	24,000	26,000	NAO DET.	5,000	7,000
ZH-AA	15,000	28,000	18,000	29,000	19,000	45,000	50,000	3,000	5,000	10,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AJ-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT612	DAT613	DAT614	DAT615	DAT616	DAT617	DAT618	DAT619	DAT620	DAT621
NUM. CAMPO	PP0251	PP0253	PP0259	PP0264	PP0265	PP0268	PP0269	PP0271	PP0274	PPJ275
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
RASE CART.	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2	I 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0426	0347	0130	0207	0207	0296	0257	0180	0206	0309
ORDENADA - Y	0092	0033	0106	0177	0177	0056	0075	0031	0049	0079
UTM - LESTE										
UTM - NORTE										
REP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	D	B	B	B	B	B	B	B	B	D
TIPO VEGET.	C	D	C	C	C	C	C	C	C	D
SIT. TOPOG.										
SIT. AMST.	C	C	A	C	C	C	C	A	C	C
ALTITUDE										
PROF. AMST.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO PINER.										
DEP. CCCPR.										
LARGURA RIO	4	3	4	7	7	4	3	4	12	5
PROFUND. RIO	1,5	2,0	2,0	3,0	3,0	2,0	2,0	2,0	4,0	1,5
VELOC. CCPR.	1	1	1	0	0	1	1	1	1	1
NIVEL AGUA	1	1	0	1	1	1	1	0	1	1
ARFA DFENAG.	1	1	1	1	1	1	1	1	2	1
TURB. AGUA	0	1	1	0	0	0	0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA	D	A	C	D	D	B	B	A	A	A
GRAU ARPEC.	D	D	C	D	D	D	D	C	D	D
VOL. CRIGIN.										
PESO CONC.										
GRANULOMET.	CF	DF	AF	DG	DG	AF	AF	AF	AF	AF
TEXT. SEDIM.	8 11	9 1	8 1 1	8 11	8 11	8 11	8 11	18 1	18 1	72 1
COR SED./SL.	D	E	C	C	C	C	C	C	C	C
HORIZ. SCLC										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMP. BIOTICO	DAT612 PP0251	DAT613 PP0253	DAT614 PP0259	DAT615 PP0264	DAT616 PP0265	DAT617 PP0268	DAT618 PP0269	DAT619 PP0271	DAT620 PP0274	DAT621 PP0275
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,9	5,0		5,3	5,3	5,5	5,5			
METAL TOTAL										
CODIF. LIVRE	4 10	4 10	3 10	2330	2331	4 0	4 0	3 10	3 0	4 0
PARAMETROS ANALITICOS										
FE-S %	1,500	0,700	15,000	15,000	15,000	2,000	5,000	2,000	3,000	7,000
MG-S %	0,030	0,050	0,150	0,050	0,070	0,070	0,030	0,070	0,050	0,070
CA-S %	0,050	-0,050	-0,050	-0,050	-0,050	0,100	0,050	0,070	0,070	0,070
TI-S %	0,700	0,700	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	70,000	30,000	700,000	150,000	150,000	1500,000	200,000	500,000	300,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	100,000	15,000	50,000	70,000	30,000	30,000	50,000	70,000	70,000
BA-S	150,000	100,000	70,000	150,000	150,000	70,000	150,000	150,000	70,000	150,000
BE-S	1,500	NAO DET.	NAO DET.	1,500	1,500	NAO DET.	-1,000	-1,000	-1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CC-S	10,000	NAO DET.	70,000	15,000	15,000	20,000	20,000	10,000	20,000	30,000
CR-S	70,000	70,000	150,000	70,000	70,000	50,000	70,000	70,000	70,000	70,000
CU-S	10,000	7,000	150,000	30,000	30,000	30,000	50,000	30,000	30,000	100,000
LA-S	20,000	20,000	20,000	70,000	70,000	20,000	50,000	30,000	20,000	50,000
MO-S	-5,000	NAO DET.	-5,000	5,000	5,000	-5,000	-5,000	-5,000	-5,000	-5,000
NB-S	10,000	15,000	-10,000	15,000	15,000	10,000	15,000	15,000	10,000	15,000
NI-S	5,000	15,000	30,000	15,000	15,000	5,000	7,000	10,000	15,000	20,000
PB-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	7,000	15,000	20,000	20,000	30,000	7,000	15,000	15,000	10,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	70,000	100,000	700,000	100,000	100,000	100,000	200,000	100,000	100,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	30,000	15,000	70,000	50,000	10,000	30,000	30,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	500,000	+1000,000	+1000,000	+1000,000	+1000,000	700,000	+1000,000	1000,000
CU-AA	10,000	4,000	30,000	10,000	14,000	8,000	20,000	20,000	10,000	18,000
PB-AA	3,000	14,000	7,000	7,000	8,000	4,000	6,000	5,000	4,000	6,000
ZN-AA	8,000	8,000	20,000	18,000	24,000	9,000	14,000	14,000	10,000	13,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CU-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT622	DAT623	DAT624	DAT625	DAT626	DAT627	DAT628	DAT629	DAT630	DAT531
NUM. CAMPO	PP0276	JP0021	JP0022	JP0023	JP0024	JP0025	JP0027	JP0028	JP0029	JP0030
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVENIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1 2	4	4	4	4	4	4	4	4	4
ESCALA	0750	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0306	0180	0174	0226	0230	0307	0316	0234	0229	0351
ORDENADA - Y	0367	0121	0116	0154	0153	0081	0079	0119	0119	0145
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	G	B	B	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	D	C	C	C	C	B	B	B	B	B
TIPO VEGET.	D	A	A	E	E	A	A	A	E	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	A	A	C	C	C
ALTITUDE										
PROF. AMOST.	0,00	0,20	0,60	0,60	0,20	0,00	0,00	0,50	0,50	0,10
FORMA ISARCA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	5	2	4	7	6	2	2	5	8	2
PROFUND. RIO	1,0	1,0	1,5	2,0	2,0	0,5	0,3	2,0	2,0	0,5
VELOC. CORR.	1	2	4	1	3			1	1	2
NIVEL AGUA	1	1	1	1	1	0	0	1	1	1
AREA DEENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	2	2	2	1					0
POS. COLETA		C	C	C	C	C	C	C	C	C
COR AGUA		C	C	C	C			C	C	A
GRAU ARREF.										
VOL. ORIGIN.										
PESU LINC.										
GRANULOMET.	AF									
TEXT. SEDIM.	72 1	11 8		02		31 6	4 51	02	02	13 51
COR SED. / SL.	C							D	D	C
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIÓTICO	DAT622 PP0276	DAT623 JP0021	DAT624 JP0022	DAT625 JP0023	DAT626 JP0024	DAT627 JP0025	DAT628 JP0027	DAT629 JP0028	DAT630 JP0029	DAT631 JP0033
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,7									
METAL TOTAL CODIF. LIVRE	4 0	1 3	1 3	1 3	1 3	1 1	1 1	1 3	1 3	1 3
PARAMETROS ANALITICOS										
FE-S %	7,000	3,000	7,000	2,000	15,000	10,000	2,000	3,000	7,000	10,000
MG-S %	0,500	0,150	0,100	0,300	0,100	0,300	0,150	0,150	0,200	0,200
CA-S %	0,070	-0,050	-0,050	0,100	0,050	0,070	0,050	0,100	0,100	0,070
TI-S %	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	150,000	30,000	150,000	300,000	1500,000	700,000	150,000	200,000	700,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	70,000	20,000	70,000	50,000	70,000	70,000	70,000
BA-S	700,000	300,000	200,000	300,000	150,000	300,000	500,000	300,000	300,000	300,000
BE-S	2,000	1,000	1,000	1,500	-1,000	2,000	1,500	1,500	1,500	3,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	30,000	10,000	7,000	15,000	70,000	70,000	15,000	70,000	50,000	70,000
CR-S	100,000	100,000	300,000	100,000	150,000	150,000	100,000	100,000	150,000	200,000
CU-S	30,000	30,000	50,000	150,000	150,000	150,000	100,000	100,000	150,000	150,000
LA-S	70,000	70,000	70,000	50,000	70,000	70,000	50,000	70,000	70,000	70,000
MO-S	-5,000	-5,000	5,000	5,000	7,000	15,000	NAO DET.	7,000	7,000	20,000
NB-S	15,000	20,000	15,000	15,000	15,000	20,000	15,000	15,000	15,000	15,000
NI-S	30,000	15,000	10,000	50,000	50,000	150,000	150,000	70,000	70,000	70,000
PB-S	10,000	15,000	10,000	10,000	-10,000	15,000	10,000	10,000	20,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	15,000	15,000	20,000	20,000	30,000	20,000	20,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	100,000	-100,000	-100,000	-100,000	NAO DET.	-100,000	100,000	-100,000	-100,000	100,000
V-S	150,000	150,000	150,000	200,000	700,000	300,000	150,000	150,000	300,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	50,000	50,000	20,000	50,000	50,000	50,000	70,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	700,000	700,000	500,000	700,000	700,000	+1000,000	700,000	700,000	300,000
CU-AA	17,000	17,000	14,000	40,000	10,000	40,000	23,000	30,000	28,000	60,000
PR-AA	8,000	11,000	10,000	11,000	8,000	14,000	8,000	10,000	9,000	24,000
ZN-AA	28,000	8,000	12,000	35,000	35,000	170,000	23,000	150,000	60,000	90,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	NUM. CAMPO	C. CUSTO	S. CUSTO	PROCEPENCA	BASE CART.	BASE CART.	FSCALA	DATA	LATITUDE	LONGITUDE	ABCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MER. CENT.
NUM. LAB.	NUM. CAMPO	C. CUSTO	S. CUSTO	PROCEPENCA	BASE CART.	BASE CART.	FSCALA	DATA	LATITUDE	LONGITUDE	ABCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MER. CENT.
DATE632	JP0031	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 01 S	54 15 00	0342	0116			
DATE633	JP0032	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0324	0187			
DATE634	JP0034	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0300	0177			
DATE635	JP0035	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0290	0157			
DATE636	JP0036	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0285	0170			
DATE637	JP0048	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0177	0039			
DATE638	JP0049	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0160	0045			
DATE639	JP0050	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0161	0045			
DATE640	JP0052	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0235	0056			
DATE641	JP0053	1554	270	BB	SA21XDVI	4	0050	01/78	02 00 00 S	54 15 00	0235	0056			

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	TIPO AMOST.	FONTE AMOST.	ROCHA REC.	ID. GEOLG.	MAT. COLET.	PLUVIOSTRADA	TIPO VEGET.	SIT. TOPOG.	SIT. AMOST.	ALTITUDE	PROF. AMOST.	FORMA IGNEA	SIT. ESTRUT.	MATRIZ PRFD.	GRAU INTMP.	TIPO ALTER.	TIPO MINER.	DEF. OCCOR.	LARGURA RIO	PROFUND. RIO	VELOC. CORR.	NIVEL AGUA	AREA DRENAG.	TURB. AGUA	POS. COLTA	COR AGUA	GRAU ARRED.	VCI. ORIGIN.	PESO CCNC.	GRANULOMET.	TEXT. SEMIN.	COR SEC./SL.	HORIZ. SCLO	TIPO SCLC				
CLAS. AMOST.	TIPO AMOST.	FONTE AMOST.	ROCHA REC.	ID. GEOLG.	MAT. COLET.	PLUVIOSTRADA	TIPO VEGET.	SIT. TOPOG.	SIT. AMOST.	ALTITUDE	PROF. AMOST.	FORMA IGNEA	SIT. ESTRUT.	MATRIZ PRFD.	GRAU INTMP.	TIPO ALTER.	TIPO MINER.	DEF. OCCOR.	LARGURA RIO	PROFUND. RIO	VELOC. CORR.	NIVEL AGUA	AREA DRENAG.	TURB. AGUA	POS. COLTA	COR AGUA	GRAU ARRED.	VCI. ORIGIN.	PESO CCNC.	GRANULOMET.	TEXT. SEMIN.	COR SEC./SL.	HORIZ. SCLO	TIPO SCLC				
S	A	L	B		ALUV	B	C	A	A	0,00	0,00								2	0,1	1	0	1		C													
S	A	L	B		ALUV	B	E	C	C	0,20	0,20								3	1,0	1	1	1		C													
S	A	L	B		ALUV	B	A	A	A	0,00	0,00								1	0,5	0,5	1	0	1		C												
S	A	L	B		ALUV	B	A	C	C	0,50	0,50								1	0,5	0,5	1	1	1		C												
S	A	L	B		ALUV	B	A	C	C	0,50	0,50								1	1,0	1,0	1	1	1		C												
S	A	L	B		ALUV	B	C	C	C	1,50	1,50								5	2,5	2,5	1	1	1		C												
S	A	L	B		ALUV	B	C	C	C	1,00	1,00								4	1,5	1,5	1	1	1		C												
S	A	L	B		ALUV	B	C	C	C	1,70	1,70								8	2,5	2,5	1	1	1		C												
S	A	L	B		ALUV	B	E	C	C	1,50	1,50								5	3,0	3,0	1	1	1		C												
S	A	L	B		ALUV	B	E	C	C	2,00	2,00								5	3,0	3,0	1	1	1		C												

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT632 JP0031	DAT633 JP0032	DAT634 JP0034	DAT635 JP0035	DAT636 JP0036	DAT637 JP0048	DAT638 JP0049	DAT639 JP0050	DAT640 JP0052	DAT641 JP0053
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT						5,7		5,5	5,3	5,3
PH										
METAL TOTAL										
COEF. LIVRE	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 2	1 21
PARAMETROS ANALITICOS										
FE-S %	7,000	10,000	10,000	1,000	2,000	7,000	7,000	0,500	1,000	0,700
MG-S %	0,100	0,200	0,200	0,070	0,150	0,300	0,300	0,020	0,070	0,020
CA-S %	-0,050	0,050	0,050	-0,050	-0,050	0,150	0,150	0,050	0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	0,700	1,000	+1,000
MN-S	1500,000	200,000	300,000	30,000	70,000	700,000	500,000	30,000	70,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	70,000	70,000	70,000	70,000	30,000	50,000	20,000
BA-S	150,000	300,000	200,000	150,000	200,000	300,000	300,000	70,000	150,000	100,000
BE-S	1,500	2,000	1,500	-1,000	1,500	1,500	2,000	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	10,000	30,000	5,000	5,000	70,000	50,000	-5,000	10,000	7,000
CR-S	200,000	150,000	150,000	70,000	70,000	150,000	100,000	30,000	70,000	50,000
CU-S	150,000	150,000	150,000	30,000	50,000	150,000	150,000	-5,000	20,000	15,000
LA-S	70,000	70,000	70,000	30,000	30,000	50,000	70,000	20,000	20,000	20,000
MO-S	5,000	70,000	70,000	-5,000	7,000	5,000	5,000	NAO DET.	-5,000	-5,000
NB-S	20,000	20,000	20,000	20,000	15,000	15,000	15,000	10,000	15,000	15,000
NI-S	100,000	50,000	100,000	5,000	15,000	70,000	70,000	5,000	10,000	10,000
PB-S	10,000	15,000	15,000	NAO DET.	-10,000	10,000	10,000	NAO DET.	-10,000	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	20,000	10,000	15,000	20,000	20,000	5,000	10,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	100,000	-100,000	-100,000	NAO DET.	-100,000	-100,000	NAO DET.	-100,000	NAO DET.
V-S	700,000	300,000	500,000	150,000	150,000	700,000	300,000	30,000	50,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	70,000	70,000	70,000	20,000	50,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	700,000	700,000	1000,000	700,000	500,000	500,000	+1000,000	1000,000	+1000,000
CU-AA	45,000	55,000	45,000	60,000	21,000	50,000	40,000	3,000	10,000	5,000
PB-AA	20,000	12,000	13,000	13,000	11,000	14,000	10,000	3,000	5,000	-3,000
ZN-AA	45,000	35,000	50,000	35,000	14,000	90,000	45,000	6,000	14,000	7,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

	DAT642	DAT643	DAT644	DAT645	DAT646	DAT647	DAT648	DAT649	DAT650	DAT651
NUM. TAB.	JP0055	JP0056	JP0057	JP0058	JP0059	JP0060	JP0061	PS0157	PS0158	PS0159
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDV3	SA21XDV3	SA21XDV3
BASE CART.	4	4	4	4	4	4	4			
BASE CART.										
BASE CART.										
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 01 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	55 00 00	55 00 00	55 00 00
ARCISSA - X	0263	0226	0223	0229	0254	0261	0297	0174	0234	0226
ORDENADA - Y	0065	0063	0062	0053	0092	0120	0121	0412	0541	0508
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	B	B	B	B	B	D	D	B	B	B
TIPO VEGET.	A	A	A	A	A	A	A	B	B	B
SIT. TPCG.										
SIT. AMOST.	C	C	C	C	C	A	C	C	C	C
ALTITUDE										
PROF. AMOST.	0,10	1,80	2,00	2,00	0,05	0,00	0,30			
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO	2	6	10	10	1	1	2	3	5	4
PROFUND. RIO	1,0	3,0	3,0	3,0	0,5	0,5	1,0	0,4	0,8	0,8
VELOC. CORR.	1	1	1	1	2	1	0	1	1	3
NIVEL AGUA	1	1	3	3	1	0	1	1	2	2
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A	I	I	I	A		A	C	C	C
GRAU AFRED.										
VOL. CRIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SEDIM.	811	82	82	1 81	63 1	811	11 8			
COR SED./SL.	C	D	D	D	C	C	I			
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT642 JP0055	DAT643 JP0056	DAT644 JP0057	DAT645 JP0058	DAT646 JP0059	DAT647 JP0060	DAT648 JP0061	DAT649 PS0157	DAT650 PS0158	DAT651 PS0159
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,7	5,7	5,3	5,3	5,3		5,5	5,3	5,3	5,5
MFTAL TOTAL CONDIF. LIVRE	1 3	1 2	1 2	1 2	1 3	1 3	1 3	5 10	5 30	5 30
PARAMETROS ANALITICOS										
FE-S %	2,000	3,000	3,000	3,000	10,000	7,000	20,000	2,000	3,000	0,700
MG-S %	0,070	0,200	0,200	0,150	0,300	0,300	0,300	0,200	0,200	0,100
CA-S %	-0,050	0,070	0,070	0,070	-0,050	0,100	0,100	0,070	0,050	0,070
TI-S %	0,700	+1,000	+1,000	+1,000	0,700	+1,000	0,700	0,700	+1,000	1,000
MN-S	100,000	150,000	200,000	150,000	300,000	700,000	200,000	200,000	500,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	70,000	100,000	100,000	70,000	70,000	70,000	70,000	50,000	100,000	50,000
BA-S	200,000	300,000	300,000	300,000	500,000	300,000	300,000	200,000	500,000	100,000
BE-S	1,500	1,500	1,500	1,000	2,000	1,500	2,000	-1,000	-1,000	-1,000
RI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	30,000	30,000	20,000	30,000	50,000	70,000	15,000	7,000	7,000
CR-S	50,000	70,000	70,000	100,000	70,000	150,000	150,000	30,000	70,000	30,000
CU-S	15,000	50,000	100,000	100,000	30,000	150,000	150,000	7,000	10,000	7,000
LA-S	30,000	50,000	50,000	70,000	70,000	100,000	100,000	20,000	70,000	NAO DET.
MO-S	-5,000	-5,000	5,000	-5,000	7,000	30,000	70,000	-5,000	-5,000	-5,000
NS-S	15,000	20,000	15,000	20,000	15,000	20,000	10,000	10,000	20,000	10,000
NI-S	15,000	50,000	50,000	100,000	70,000	100,000	200,000	20,000	20,000	7,000
PB-S	-10,000	10,000	10,000	NAO DET.	15,000	15,000	15,000	-10,000	10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	15,000	15,000	20,000	20,000	30,000	30,000	5,000	20,000	-5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	-100,000	-100,000	-100,000	-100,000	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	70,000	150,000	200,000	150,000	200,000	500,000	700,000	100,000	100,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	70,000	70,000	50,000	70,000	70,000	20,000	70,000	15,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	500,000	+1000,000	500,000	700,000	200,000	1000,000	+1000,000	1000,000
CU-AA	14,000	17,000	24,000	23,000	22,000	35,000	85,000	10,000	12,000	6,000
PB-AA	6,000	7,000	7,000	7,000	10,000	8,000	10,000	3,000	9,000	-3,000
ZN-AA	19,000	45,000	40,000	40,000	70,000	35,000	180,000	20,000	30,000	14,000
AG-AA										
CO-AA										
NI-AA										
RI-AA										
CO-AA										
TI-AA										
AI-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 376

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT642 JP0055	DAT643 JP0056	DAT644 JP0057	DAT645 JP0058	DAT646 JP0059	DAT647 JP0060	DAT648 JP0061	DAT649 PS0157	DAT650 PS0158	DAT651 PS0159
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NÃO DET.	-1,000	-1,000	NÃO DET.	NÃO DET.	1,000	2,000	NÃO DET.	NÃO DET.	NÃO DET.
MO-AA	NÃO DET.	NÃO DET.	-2,000	NÃO DET.	-2,000	10,000	40,000	NÃO DET.	NÃO DET.	NÃO DET.
W-AA										
AS-COL	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	20,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
NET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SF-CCL										
U-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT652	DAT653	DAT654	DAT655	DAT656	DAT657	DAT658	DAT659	DAT660	DAT661
NUM. CAMPO	PS0160	PS0161	PS0162	PS0163	PS0164	PS0165	PS0166	PS0167	PS0168	PS0169
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3	SA21XDV3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	54 45 00
ABCISSA - X	0228	0210	0210	0205	0180	0233	0241	0289	0300	0116
ORDENADA - Y	0503	0479	0479	0506	0486	0506	0460	0365	0407	0116
UTM - LESTE										
UTM - NORTE										
MER. CFNT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLETA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	A	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COLETA										
LARGURA RIO	5	4	4	5	5	6	5	4	3	6
PROFUND. RIO	1,0	0,5	0,5	0,3	0,4	1,0	0,3		0,1	0,4
VELOC. CORR.	3	3	3	1	1	3	3		3	3
NIVEL AGUA	2	1	1	1	1	2	1		1	1
AREA OPENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	C	I	I	I	I	C	A		A	A
GRAU ABRIG.										
VOL. COLETA										
PESO COLETA										
GRANULOMET.										
TEXT. SEDIM.				A 2		9 1	8 2		28	
COR SED./SL.										
HORIZ. SECCO										
TIPO SECCO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT652 PS0160	DAT653 PS0161	DAT654 PS0162	DAT655 PS0163	DAT656 PS0164	DAT657 PS0165	DAT658 PS0166	DAT659 PS0167	DAT660 PS0168	DAT661 PS0169
PARAMETROS ANALITICOS DE CAMPO										
EM CVOLT										
PH	5,5	5,3	5,3	5,3	5,3	5,5	5,7		5,3	5,0
METAL TOTAL										
CODIF. LIVRE	5 30	5 30	5 31	5 30	5 30	5 30	5 30	5 30	5 30	4 21
PARAMETROS ANALITICOS										
FE-S %	0,200	0,200	5,000	1,000	2,000	0,200	0,200	3,000	0,500	1,000
MG-S %	0,050	0,070	0,100	0,050	0,100	0,050	0,050	0,150	0,050	0,200
CA-S %	-0,050	-0,050	0,070	0,050	0,100	0,050	0,070	-0,050	0,050	0,100
TI-S %	0,300	0,300	+1,000	+1,000	+1,000	0,500	0,500	1,000	0,300	0,700
MN-S	10,000	20,000	150,000	70,000	200,000	10,000	20,000	200,000	200,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	70,000	50,000	50,000	50,000	50,000	50,000	20,000	70,000	10,000	50,000
BA-S	70,000	100,000	150,000	150,000	150,000	100,000	50,000	300,000	100,000	200,000
BE-S	NAO DET.	NAO DET.	NAO DET.	-1,000	-1,000	NAO DET.	NAO DET.	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	20,000	5,000	10,000	NAO DET.	NAO DET.	15,000	5,000	7,000
CR-S	15,000	15,000	20,000	50,000	30,000	20,000	20,000	70,000	15,000	50,000
CU-S	5,000	-5,000	7,000	5,000	10,000	5,000	-5,000	10,000	-5,000	10,000
LA-S	NAO DET.	NAO DET.	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	50,000	NAO DET.	20,000
MO-S	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	-5,000	NAO DET.
NO-S	-10,000	-10,000	10,000	-10,000	10,000	10,000	-10,000	15,000	-10,000	10,000
NI-S	NAO DET.	NAO DET.	10,000	NAO DET.	10,000	NAO DET.	20,000	30,000	5,000	20,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	NAO DET.	10,000	5,000	5,000	NAO DET.	-5,000	10,000	NAO DET.	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	20,000	20,000	300,000	50,000	100,000	20,000	20,000	100,000	20,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	10,000	10,000	20,000	15,000	15,000	15,000	10,000	50,000	10,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	1000,000	1000,000	+1000,000	+1000,000
CU-AA	-3,000	-3,000	8,000	3,000	7,000	-3,000	3,000	10,000	3,000	9,000
PB-AA	NAO DET.	NAO DET.	-3,000	-3,000	-3,000	NAO DET.	NAO DET.	8,000	NAO DET.	4,000
ZN-AA	5,000	4,000	10,000	6,000	10,000	4,000	4,000	30,000	3,000	20,000
AG-AA										
CO-AA										
NI-AA										
HI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT662	DAT663	DAT664	DAT665	DAT666	DAT667	DAT668	DAT669	DAT670	DAT671
NUM. CAMPO	PS0170	PS0171	PS0172	PS0173	PS0174	PS0175	PS0176	PS0177	PS0178	PS0179
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.										
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0108	0134	0108	0105	0225	0184	0189	0067	0046	0025
ORDENADA - Y	0117	0099	0053	0063	0053	0008	0028	0004	0032	0039
UTM - LESTE										
UTM - NORTE										
NER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSTICADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	A	A	B	B	A	A	B	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	A	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO	3	7	3	4	5	4	3	6	5	7
PROFUND. RIO	0,4	0,4		0,3	0,1	0,4	0,3	1,3	0,5	0,8
VELOC. CORR.	3	3		3	3	2	2	3	3	3
NIVEL AGUA	1	1		1	1	1	1	2	1	2
ARFA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLITA	C	C	C	C	C	C	C	C	C	C
COR AGUA	T	A		A	G	C	A	C	C	A
GRAU ARRED.										
VOL. ORIGIN.										
PFSD CONC.										
GRANULOMET.										
TEXT. SECIM.		17 2	8 2				2 71	4 6	6 31	
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMP. BIOTICO	DAT662 PS0170	DAT663 PS0171	DAT664 PS0172	DAT665 PS0173	DAT666 PS0174	DAT667 PS0175	DAT668 PS0176	DAT669 PS0177	DAT670 PS0178	DAT671 PS0179
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH	5,0	5,3		5,3	5,3	5,5	5,3	5,3	5,3	5,3
METAL TOTAL										
COCIF. LIVRE	4 20	4 20	5 10	5 10	4 0	5 0	5 0	57 0	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	5,000	5,000	2,000	2,000	0,300	0,700	1,000	15,000	0,200	1,000
MG-S %	0,100	0,150	0,150	0,050	0,020	0,100	0,070	0,200	0,050	0,050
CA-S %	0,070	0,050	0,070	0,050	-0,050	-0,050	0,050	0,050	-0,050	-0,050
TT-S %	+1,000	0,700	+1,000	+1,000	0,500	+1,000	1,000	+1,000	0,200	0,300
MN-S	300,000	500,000	200,000	200,000	20,000	30,000	100,000	200,000	10,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	100,000	50,000	100,000	70,000	50,000	20,000	70,000	50,000
BA-S	200,000	200,000	300,000	200,000	30,000	200,000	150,000	300,000	150,000	70,000
BF-S	-1,000	1,000	1,000	-1,000	NAO DET.	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	20,000	10,000	10,000	NAO DET.	5,000	5,000	20,000	NAO DET.	10,000
CR-S	70,000	50,000	30,000	50,000	15,000	30,000	15,000	50,000	10,000	30,000
CU-S	50,000	20,000	10,000	30,000	-5,000	30,000	5,000	1000,000	5,000	-5,000
LA-S	50,000	50,000	50,000	-20,000	NAO DET.	50,000	NAO DET.	70,000	NAO DET.	NAO DET.
MO-S	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	10,000	10,000	10,000	-10,000	10,000	-10,000	10,000	-10,000	10,000
NI-S	50,000	20,000	20,000	10,000	5,000	15,000	10,000	50,000	NAO DET.	5,000
PB-S	-10,000	-10,000	-10,000	-10,000	NAO DET.	-10,000	-10,000	-10,000	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	10,000	10,000	NAO DET.	NAO DET.	5,000	-5,000	20,000	NAO DET.	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	100,000	100,000	50,000	20,000	100,000	50,000	200,000	20,000	50,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	50,000	50,000	50,000	50,000	20,000	100,000	20,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	1000,000	1000,000	+1000,000
CU-AA	20,000	11,000	10,000	6,000	-3,000	16,000	6,000	320,000	-3,000	4,000
PB-AA	3,000	6,000	4,000	-3,000	NAO DET.	4,000	7,000	3,000	NAO DET.	-3,000
ZN-AA	22,000	8,000	20,000	9,000	-3,000	6,000	17,000	28,000	-3,000	4,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT672	DAT673	DAT674	DAT675	DAT676	DAT677	DAT678	DAT679	DAT680	DAT681
NUM. CAMPO	PS0180	PS0181	PS0182	PS0183	PS0184	PS0185	PS0186	PS0187	PS0188	PS0189
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.										
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0028	0036	0036	0261	0273	0020	0026	0030	0090	0232
ORDENADA - Y	0044	0069	0069	0118	0148	0146	0149	0163	0157	0234
UTM - LFSTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSTICIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	4	2	2	7	4	2	5	5	6	6
PROFUND. RIO	0,2	0,4	0,3	0,3	0,1	0,2	0,5	0,4	0,4	0,4
VELOC. CORR.	3	3	3	2	2	3	3	3	3	3
NIVEL AGUA	1	1	1	1	1	1	1	1	1	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A	A	A	T	C	A	A	A	D	A
GRAU ABREV.										
VOL. CRICIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	3 61		3 61	1 81	7 21	91	91	18 1	91	5 31
COR SED./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT672 PS0180	DAT673 PS0181	DAT674 PS0182	DAT675 PS0183	DAT676 PS0184	DAT677 PS0185	DAT678 PS0186	DAT679 PS0187	DAT680 PS0188	DAT681 PS0189
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,3	5,3	5,3	5,9	7,0	5,3	5,3	5,3	5,3	5,3
METAL TOTAL										
CODIF. LIVRE	5 10	5 10	5 11	3 10	3 0	4 10	4 10	4 10	4 10	3 10
PARAMETROS ANALITICOS										
FE-S %	1,000	0,200	0,500	5,000	5,000	2,000	5,000	3,000	2,000	7,000
MG-S %	0,100	0,050	0,100	0,150	0,300	0,200	0,500	0,050	0,150	0,150
CA-S %	0,050	-0,050	0,050	0,100	0,050	0,100	0,050	-0,050	0,050	-0,050
TI-S %	1,000	0,500	1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	0,700
MN-S	50,000	10,000	20,000	700,000	500,000	500,000	1500,000	200,000	100,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	70,000	100,000	100,000	100,000	100,000	50,000	100,000	100,000
BA-S	300,000	100,000	150,000	300,000	500,000	300,000	700,000	150,000	300,000	300,000
BE-S	-1,000	-1,000	-1,000	1,000	2,000	1,000	2,000	NAO DET.	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	NAO DET.	5,000	70,000	50,000	30,000	70,000	10,000	20,000	20,000
CR-S	50,000	15,000	70,000	70,000	100,000	70,000	300,000	70,000	70,000	70,000
CU-S	7,000	7,000	5,000	50,000	30,000	20,000	50,000	10,000	20,000	10,000
LA-S	70,000	50,000	50,000	70,000	100,000	50,000	150,000	20,000	100,000	150,000
MO-S	-5,000	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000
NB-S	15,000	10,000	15,000	20,000	20,000	15,000	20,000	20,000	20,000	15,000
NI-S	30,000	10,000	20,000	70,000	70,000	30,000	170,000	10,000	70,000	50,000
PB-S	-10,000	-10,000	-10,000	-10,000	20,000	-10,000	100,000	NAO DET.	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	5,000	5,000	20,000	20,000	10,000	30,000	5,000	20,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	50,000	70,000	200,000	200,000	100,000	200,000	150,000	100,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	70,000	70,000	50,000	70,000	20,000	100,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZP-S	+1000,000	+1000,000	+1000,000	+1000,000	500,000	700,000	300,000	1000,000	1000,000	+1000,000
CU-AA	9,000	5,000	7,000	30,000	22,000	15,000	24,000	6,000	12,000	13,000
PB-AA	6,000	-3,000	4,000	8,000	25,000	7,000	30,000	-3,000	6,000	8,000
ZN-AA	10,000	-3,000	10,000	60,000	60,000	40,000	70,000	4,000	18,000	45,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT682 PS0190	DAT683 PS0191	DAT684 PS0192	DAT685 PS0193	DAT686 PS0194	DAT687 PS0195	DAT688 PS0196	DAT689 PS0197	DAT690 PS0198	DAT691 PS0199
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRORPOR. C.	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	02/78	02/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 30 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0224	0243	0221	0230	0223	0315	0076	0025	0020	0025
ORDENADA - Y	0198	0245	0246	0150	0143	0213	0198	0294	0298	0322
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	A	C	A	A	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCO.										
LARGURA RIO	4	3	3	9	2	3	3	3	5	3
PROFUND. RIO	0,3	0,2	0,1	0,5		0,1			0,7	0,2
VELOC. CORR.	3	3	3	3		2			3	3
NIVEL AGUA	1	1	1	1		1			1	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A	A	A	G		E			O	I
GRAU ARRED.										
VOL. COLETA										
PESO COLETA										
GRANULOMET.										
TEXT. SEDIM.	15 31							2 71	14131	
COR SED. / SI.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. DICTICO	DAT682 PS0190	DAT683 PS0191	DAT684 PS0192	DAT685 PS0193	DAT686 PS0194	DAT687 PS0195	DAT688 PS0196	DAT689 PS0197	DAT690 PS0198	DAT691 PS0199
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,3	5,5	5,3	5,5		5,9			5,7	6,5
METAL TCTAL CODIF. LIVRE	3 10	2320	2310	3 10	3 10	3 10	3 10	5 10	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	5,000	7,000	5,000	2,000	10,000	5,000	5,000	2,000	2,000	2,000
MG-S %	0,070	0,200	0,100	0,050	0,200	0,100	0,100	0,300	0,100	0,100
CA-S %	-0,050	0,050	-0,050	-0,050	-0,050	0,070	0,100	0,150	0,500	0,200
TI-S %	0,700	+1,000	1,000	0,700	1,000	+1,000	+1,000	1,000	1,000	1,000
MN-S	500,000	500,000	200,000	100,000	300,000	1500,000	1000,000	200,000	500,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	100,000	100,000	100,000	70,000	100,000	70,000	50,000	50,000
BA-S	200,000	500,000	200,000	150,000	500,000	70,000	300,000	300,000	150,000	150,000
BE-S	1,000	2,000	1,000	-1,000	2,000	NAO DET.	1,500	-1,000	-1,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	70,000	20,000	10,000	20,000	50,000	50,000	20,000	10,000	10,000
CR-S	70,000	100,000	70,000	30,000	100,000	100,000	70,000	70,000	30,000	30,000
CU-S	7,000	50,000	10,000	5,000	30,000	30,000	50,000	10,000	5,000	10,000
LA-S	50,000	100,000	50,000	20,000	100,000	-20,000	50,000	50,000	NAO DET.	-20,000
MO-S	-5,000	NAO DET.	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000
NB-S	15,000	20,000	15,000	10,000	15,000	10,000	10,000	10,000	-10,000	10,000
NI-S	30,000	100,000	50,000	20,000	50,000	50,000	50,000	30,000	10,000	20,000
PH-S	-10,000	20,000	-10,000	NAO DET.	15,000	NAO DET.	-10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	10,000	5,000	20,000	15,000	15,000	10,000	5,000	5,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000
V-S	100,000	100,000	100,000	50,000	150,000	200,000	150,000	100,000	70,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	100,000	70,000	30,000	70,000	70,000	70,000	50,000	50,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	1000,000	1000,000	+1000,000	700,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000
CU-AA	10,000	24,000	10,000	5,000	19,000	20,000	35,000	10,000	7,000	8,000
PH-AA	9,000	16,000	9,000	4,000	15,000	4,000	3,000	4,000	3,000	-3,000
ZN-AA	23,000	95,000	28,000	16,000	40,000	17,000	30,000	20,000	17,000	8,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT692	DAT693	DAT694	DAT695	DAT696	DAT697	DAT698	DAT699	DAT700	DAT701
NUM. CAMPO	PS0200	PS0201	PS0202	PS0203	PS0204	PS0205	AM0646	AM0647	AM0650	AM0552
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROFUNDIDADE	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA-21-X-D-V-1	SA-21-X-D-V-1	SA-21-X-D-V-1	SA-21-X-D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	02/78	02/78	02/78	02/78	02/78	02/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0334	0334	0345	0313	0091	0092	0486	0492	0477	0501
ORDENADA - Y	0325	0325	0360	0346	0521	0525	0337	0340	0353	0330
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PFC.	G	G	G	G	G	G	G	G	J	G
TO. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	B	B	B	B	B	B	C	C	C	C
TIPO VEGET.	B	B	B	A	B	B	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTFMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	5	5	3	3	4	3	2	2	4	2
PROFUND. RIO	0,4	0,4	0,2	0,4	0,3	0,1				
VELOC. CORR.	3	3	3	2	4	3				
NIVEL AGUA	1	1	1	1	2	1				
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TIPO. AGLA										
POS. COLITA	C	C	C	C	C	C	C	C	C	C
COP. AGUA	A	G	I	D	A	A				
GRAU ARRED.										
VOL. ORIGEM.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COP. SFC./SL.										
HORIZ. SCLD.										
TIPO SCLD.										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT692 PS0200	DAT693 PS0201	DAT694 PS0202	DAT695 PS0203	DAT696 PS0204	DAT697 PS0205	DAT698 AM0646	DAT699 AM0647	DAT700 AM0650	DAT701 AM0652
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,7	5,7	5,7	5,7	5,5	7,0				
METAL TOTAL CODIF. LIVRE	5 10	5 11	5 40	5 40	5 0	5 0	2310	2310	2220	2310
PARAMETROS ANALITICOS										
FE-S %	2,000	5,000	0,500	2,000	1,000	5,000	15,000	7,000	10,000	15,000
MG-S %	0,200	0,500	0,050	0,200	0,070	0,150	0,200	0,150	0,100	0,200
CA-S %	0,150	2,000	0,050	0,100	0,050	0,500	0,050	0,050	-0,050	-0,050
TI-S %	0,700	1,000	0,500	0,500	1,000	+1,000	1,000	0,700	0,700	0,700
MN-S	200,000	150,000	50,000	150,000	150,000	300,000	700,000	700,000	500,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	70,000	100,000	70,000	50,000	50,000	50,000	70,000	70,000	70,000	50,000
BA-S	200,000	200,000	100,000	150,000	150,000	100,000	300,000	300,000	200,000	300,000
BE-S	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	2,000	2,000	1,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	15,000	NAO DET.	10,000	5,000	20,000	30,000	20,000	20,000	50,000
CR-S	50,000	70,000	50,000	50,000	15,000	70,000	150,000	70,000	70,000	100,000
CU-S	7,000	10,000	-5,000	7,000	20,000	20,000	30,000	20,000	10,000	30,000
LA-S	-20,000	50,000	NAO DET.	NAO DET.	NAO DET.	20,000	100,000	50,000	100,000	100,000
MO-S	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.
NO-S	10,000	10,000	-10,000	10,000	10,000	15,000	15,000	10,000	10,000	10,000
NI-S	30,000	30,000	NAO DET.	20,000	10,000	20,000	70,000	50,000	50,000	50,000
PB-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	10,000	10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	10,000	NAO DET.	5,000	-5,000	15,000	20,000	20,000	20,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTEPFER.	-10,000	-10,000	INTEPFER.
SR-S	-100,000	150,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	70,000	100,000	20,000	50,000	50,000	200,000	200,000	100,000	100,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	30,000	20,000	20,000	70,000	70,000	50,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZP-S	1000,000	500,000	+1000,000	+1000,000	1000,000	+1000,000	1000,000	1000,000	+1000,000	700,000
CU-AA	8,000	8,000	-3,000	6,000	14,000	24,000	24,000	18,000	16,000	20,000
PB-AA	-3,000	4,000	-3,000	4,000	-3,000	7,000	17,000	11,000	10,000	15,000
ZN-AA	11,000	12,000	-3,000	9,000	8,000	21,000	60,000	55,000	45,000	60,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAT702	DAT703	DAT704	DAT705	DAT706	DAT707	DAT708	DAT709	DAT710	DAT711
NUM. LAB.	AM0655	AM0656	AM0657	AM0658	AM0665	AM0666	AM0667	AM0668	AM0669	AM0670
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0480	0468	0456	0482	0203	0218	0227	0219	0230	0243
ORDENADA - Y	0376	0379	0367	0390	0191	0174	0177	0218	0166	0178
UTM - FSTF										
UTM - NCRTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	J	J	J	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	2	3	2	2	2	2	2	2	4	3
PROFUND. RIO							0,2	0,2	0,2	0,2
VELOC. CORR.							1	1	1	1
NIVEL AGUA							1	1	1	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUB. AGUA							0	0	0	0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA							1			1
GRAU ABREP.										
VOL. OBJETIV.										
PESO CLNC.										
GRANULOMET.										
TEXT. SECIM.										
COR. SEC./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMD. BICTICO	DAT702 AM0655	DAT703 AM0656	DAT704 AM0657	DAT705 AM0658	DAT706 AM0665	DAT707 AM0666	DAT708 AM0667	DAT709 AM0668	DAT710 AM0669	DAT711 AM0670
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH							6,5	6,5	7,0	6,5
METAL TCTAL CODIF. LIVRE	2220	2220	2220	2220	5 10	5 10	5 10	5 10	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	5,000	20,000	15,000	15,000	1,000	1,000	0,150	0,200	0,500	0,150
MG-S %	0,150	0,500	0,500	0,300	0,200	0,200	0,030	0,050	0,030	0,030
CA-S %	-0,050	0,050	0,050	-0,050	0,100	0,100	-0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	0,700	1,000	+1,000	1,000	0,700	0,200	0,200	+1,000	0,200
MN-S	50,000	500,000	200,000	50,000	50,000	20,000	-10,000	-10,000	20,000	-10,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	100,000	100,000	70,000	70,000	100,000	70,000	70,000	50,000
BA-S	200,000	500,000	500,000	300,000	300,000	300,000	50,000	100,000	100,000	150,000
BF-S	1,000	5,000	2,000	1,500	1,000	1,000	-1,000	-1,000	NAO DET.	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	100,000	100,000	15,000	5,000	5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	100,000	300,000	200,000	200,000	50,000	50,000	10,000	10,000	50,000	10,000
CU-S	30,000	70,000	50,000	70,000	10,000	10,000	-5,000	-5,000	-5,000	-5,000
LA-S	70,000	100,000	100,000	100,000	50,000	50,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-S	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	20,000	15,000	15,000	15,000	10,000	10,000	-10,000	-10,000	10,000	-10,000
NI-S	50,000	100,000	100,000	70,000	20,000	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PB-S	15,000	70,000	70,000	70,000	10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	30,000	30,000	30,000	10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SN-S	-10,000	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	100,000	100,000	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	200,000	200,000	200,000	100,000	100,000	20,000	20,000	30,000	10,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	70,000	50,000	30,000	20,000	20,000	70,000	10,000
ZN-S	NAO DET.	200,000	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	300,000	150,000	700,000	700,000	1000,000	+1000,000	+1000,000	+1000,000	1000,000
CU-AA	20,000	40,000	35,000	40,000	10,000	10,000	NAO DET.	-3,000	-3,000	-3,000
PB-AA	17,000	35,000	24,000	21,000	12,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZN-AA	21,000	100,000	70,000	28,000	20,000	20,000	-3,000	-3,000	-3,000	-3,000
AG-AA										
CO-AA										
NI-AA										
UI-AA										
CD-AA										
TI-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAT712	DAT713	DAT714	DAT715	DAT716	DAT717	DAT718	DAT719	DAT720	DAT721
NUM. LAB.	AM0671	AM0673	AM0674	AM0675	AM0676	AM0678	AM0679	AM0680	AM0683	AM0684
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	RR	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDECIA	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0247	0439	0439	0411	0411	0462	0510	0512	0226	0257
ORDENADA - Y	0177	0117	0110	0087	0093	0061	0081	0073	0280	0278
UTM - LESTE										
UTM - NORTE										
NER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	S	S	S	S	S	S	S	S	S	S
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	R	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	A	A	A	A	C	C	C	C	C
SIT. TOPOG.										
SIT. AMST.	C	A	A	C	C	C	C	C	A	A
ALTITUDE										
PROF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCRR.										
LARGURA RIO	5	2	2	5	7	5	4	4	1	1
PROFUND. RIO	0,3			0,5	0,3	0,5	0,5	0,5		
VELOC. CORR.	1			2	1	2	2	2		
NIVEL AGUA	1			1	1	1	1	1		
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0			0	0	0	0	0		
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CON. AGUA	A			A	A	A	A	A		
GRAU APRED.										
VOL. CRICIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SPECIM.										
CON. SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SLDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT712 AM0671	DAT713 AM0673	DAT714 AM0674	DAT715 AM0675	DAT716 AM0676	DAT717 AM0678	DAT718 AM0679	DAT719 AM0680	DAT720 AM0683	DAT721 AM0684
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH	6,5			6,5	6,5	6,2	6,5	6,5		
METAL TOTAL CODIF. LIVRE	5 10	5 10	5 10	5 10	5 10	5 10	5 10	5 10	4 10	4 10
PARAMETROS ANALITICOS										
FE-S %	0,500	2,000	0,200	0,150	0,100	0,150	0,700	0,200	5,000	5,000
MG-S %	0,030	0,050	0,030	0,030	0,020	0,030	0,100	0,050	0,300	0,200
CA-S %	-0,050	-0,050	-0,050	-0,050	-0,050	-0,050	0,100	0,350	0,100	0,300
TI-S %	1,000	0,300	0,200	0,300	0,200	0,200	0,700	0,300	+1,000	+1,000
MN-S	70,000	20,000	-10,000	20,000	10,000	20,000	50,000	30,000	500,000	1500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	20,000	70,000	100,000	150,000	150,000	100,000	150,000	70,000	70,000
BA-S	70,000	150,000	100,000	50,000	50,000	100,000	150,000	100,000	500,000	300,000
BE-S	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	7,000	5,000	70,000	100,000
CR-S	15,000	15,000	20,000	15,000	10,000	15,000	30,000	15,000	200,000	100,000
CU-S	-5,000	5,000	-5,000	-5,000	5,000	-5,000	7,000	5,000	300,000	300,000
LA-S	NAO DET.	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	70,000	70,000
MO-S	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	10,000	10,000
NI-S	NAO DET.	5,000	NAO DET.	5,000	NAO DET.	NAO DET.	15,000	5,000	100,000	70,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	20,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	NAO DET.	50,000	30,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	30,000	30,000	10,000	10,000	10,000	10,000	50,000	20,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	20,000	10,000	10,000	10,000	15,000	20,000	20,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.
ZR-S	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	1000,000	700,000	+1000,000	500,000	500,000
CU-AA	-3,000	6,000	3,000	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	100,000	90,000
PB-AA	NAO DET.	-3,000	-3,000	NAO DET.	NAO DET.	-3,000	8,000	-3,000	13,000	10,000
ZN-AA	-3,000	-3,000	-3,000	-3,000	-3,000	-3,000	13,000	3,000	100,000	80,000
AG-AA										
CO-AA										
NI-AA										
SI-AA										
CO-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT722	DAT723	DA1724	DA1725	DA1726	DA1727	DA1728	DA1729	DA1730	DA1731
NUM. CAMPO	AM0685	AM0688	AM0689	AM0690	AM0691	AM0692	AM0693	AM0694	AM0695	AM0695
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BD	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0255	0555	0555	0563	0551	0550	0530	0504	0475	0475
ORDENADA - Y	0276	0277	0278	0310	0277	0278	0295	0290	0256	0254
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TIPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGAPA										
SIT. ESTRUT.										
MATRIZ PREF.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO	1	3	3	4	2	2	2	2	6	6
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ARFA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. ACUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR ACUA										
GRAU ABREJ.										
VOL. ORIGIN.										
PESU LOAC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SDO.										
TIPO SLLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT722 AM0685	DAT723 AM0688	DAT724 AM0689	DAT725 AM0690	DAT726 AM0691	DAT727 AM0692	DAT728 AM0693	DAT729 AM0694	DAT730 AM0695	DAT731 AM0696
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
MFTAL TOTAL										
CODIF. LIVRE	4 11	3 10	3 11	2310	3 10	3 11	2310	2310	3 11	3 10
PARAMETROS ANALITICOS										
FE-S %	5,000	7,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	7,000
MG-S %	0,200	0,200	0,200	0,200	0,100	0,150	0,070	0,150	0,100	0,070
CA-S %	0,300	0,100	0,300	0,150	0,050	0,050	-0,050	0,050	0,050	0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	0,700	1,000	0,700	1,000	1,000	1,000
YN-S	1500,000	500,000	2000,000	500,000	1000,000	200,000	700,000	150,000	150,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	70,000	100,000
BA-S	300,000	300,000	500,000	200,000	300,000	500,000	200,000	300,000	200,000	200,000
BE-S	1,000	1,000	1,000	1,000	1,000	2,000	2,000	3,000	-1,000	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	70,000	50,000	70,000	20,000	50,000	30,000	100,000	15,000	15,000	20,000
CR-S	100,000	100,000	100,000	70,000	70,000	100,000	70,000	70,000	70,000	70,000
CU-S	300,000	100,000	150,000	100,000	20,000	20,000	30,000	20,000	30,000	30,000
LA-S	70,000	70,000	70,000	20,000	70,000	100,000	50,000	100,000	70,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000
NB-S	10,000	10,000	10,000	10,000	10,000	10,000	10,000	15,000	10,000	10,000
NT-S	70,000	50,000	100,000	70,000	50,000	70,000	70,000	50,000	50,000	50,000
PB-S	15,000	10,000	10,000	NAO DET.	-10,000	20,000	NAO DET.	10,000	10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	15,000	15,000	20,000	10,000	15,000	10,000	20,000
SN-S	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	-10,000	NAO DET.	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	200,000	200,000	100,000	200,000	100,000	150,000	100,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	70,000	50,000	70,000	70,000	50,000	70,000	100,000	70,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	300,000	700,000	500,000	+1000,000	1000,000	700,000	700,000	+1000,000	+1000,000
CU-AA	90,000	45,000	50,000	40,000	8,000	20,000	10,000	22,000	30,000	21,000
PS-AA	10,000	10,000	7,000	5,000	7,000	14,000	7,000	13,000	8,000	7,000
ZN-AA	85,000	120,000	130,000	95,000	35,000	60,000	50,000	35,000	40,000	30,000
AG-AA										
CO-AA										
VI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT732	DAT733	DAT734	DAT735	DAT736	DAT737	DAT738	DAT739	DAT740	DAT741
NUM. CAMPO	AM0699	AM0703	AM0704	AM0705	AM0706	AM0708	AM0709	AM0710	AM0712	AM0713
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVENIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
FASE CART.	D-V-1	D-V-1	D-V-1	D-V-3	D-V-1	D-V-1	D-V-3	D-V-3	D-V-3	D-V-3
FASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0273	0320	0316	0398	0420	0417	0355	0348	0303	0299
ORDENADA - Y	0273	0260	0256	0519	0002	0020	0482	0469	0497	0482
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
TD. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOTICADE	B	B	B	B	B	B	B	B	B	B
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GPAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCRP.										
LARGURA RIO	1	1	2	4	4	6	2	2	1	2
PROFUND. RIO										
VFLUC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUPR. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COP. AGUA										
GRAU APREC.										
VOI. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SEDIM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT732 AM0699	DAT733 AM0703	DAT734 AM0704	DAT735 AM0705	DAT736 AM0706	DAT737 AM0708	DAT738 AM0709	DAT739 AM0710	DAT740 AM0712	DAT741 AM0713
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4810	4 10	4 10	5 10	5 10	5 10	5 40	5 40	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	5,000	5,000	7,000	0,700	1,000	1,000	1,000	1,000	1,000	2,000
MG-S %	0,100	0,150	0,150	0,050	0,050	0,050	0,070	0,100	0,100	0,200
CA-S %	0,200	0,100	0,150	0,070	0,070	0,030	0,150	0,150	0,200	0,200
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	1,000
MN-S	300,000	200,000	1000,000	100,000	200,000	150,000	100,000	100,000	100,000	500,000
AG-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	50,000	30,000	30,000	30,000	30,000	100,000	70,000	70,000
BA-S	300,000	300,000	300,000	100,000	100,000	100,000	100,000	150,000	150,000	200,000
BE-S	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000
BI-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	20,000	10,000	50,000	5,000	7,000	5,000	5,000	7,000	5,000	15,000
CR-S	100,000	70,000	70,000	20,000	50,000	50,000	30,000	50,000	50,000	50,000
CU-S	150,000	70,000	150,000	7,000	20,000	5,000	10,000	20,000	7,000	20,000
LA-S	70,000	70,000	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	20,000
MO-S	-5,000	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000
NB-S	15,000	15,000	15,000	-10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	50,000	50,000	50,000	5,000	5,000	5,000	7,000	15,000	10,000	30,000
PB-S	-10,000	-10,000	-10,000	NAO DET.	-10,000	-10,000	NAO DET.	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	-5,000	5,000	5,000	5,000	5,000	5,000	10,000
SN-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	100,000
W-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	50,000	20,000	10,000	20,000	30,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	500,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	40,000	20,000	40,000	3,000	-3,000	-3,000	4,000	5,000	-3,000	9,000
PB-AA	6,000	6,000	7,000	3,000	9,000	7,000	3,000	4,000	-3,000	-3,000
ZN-AA	40,000	26,000	50,000	8,000	10,000	10,000	10,000	13,000	4,000	16,000
AG-AA										
CO-AA										
VI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAT742	DAT743	DAT991	DAT992	DAT993	DAT994	DAT995	DAT996	DAT997	DAT998
NUM. CAMPO	AM0714	AM0715	JA0045	JA0047	JA0048	JA0049	JA0050	JA0051	JA0052	JA0053
C. CLSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	D-V-3	D-V-3	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0305	0325	0410	0453	0450	0446	0472	0482	0531	0542
ORDENADA - Y	0485	0464	0279	0294	0295	0313	0334	0330	0379	0333
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	B	J	J	J	J	J	B	B
ID. CECLOG.										
MAT. COLET.	ALUV	ALUV	ARGL	ARGL	CSCL	ARGL	ARGL	ARGL	ARGL	ARGL
PLUVIOSIDADE	B	B	C	C	C	C	C	C	C	C
TIPO VEGET.	A	A	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	A	C	C	A	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	2	2	1	2	5	2	1	1	2	1
PROFUND. RIO	0,3	0,3	0,3	0,1	0,2	0,3	0,1	0,1	0,1	0,1
VELOC. CORR.	0	0		2	1		1	1	2	2
NIVEL AGUA	1	1		1	1		1	1	1	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	0	0		0	0		0	0	0	0
PDS. COLETA	C	C	C	C	C	C	C	C	C	C
CUR AGUA	A	A								
GRAU ARRED.										
VOL. CECIN.										
PESO CENC.										
GRANULOMET.										
TEXT. SOCM.										
CON. SEC./SL.										
HORIZ. SOLO										
TIPO SOLO										
			1 252	262	61 21	352	262	352	3 61	31 51

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT742 AM0714	DAT743 AM0715	DAT991 JA0045	DAT992 JA0047	DAT993 JA0048	DAT994 JA0049	DAT995 JA0050	DAT996 JA0051	DAT997 JA0052	DAT998 JA0053
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	7,0	7,0		5,0				5,3	5,3	5,9
METAL TOTAL					5,0					
CODIF. LIVRE	5 10	5 10	2120	2220	2120	2120	2120	2120	2120	2120
PARAMETROS ANALITICOS										
FE-S %	15,000	15,000	7,000	+20,000	20,000	3,000	5,000	5,000	15,000	10,000
MG-S %	0,100	0,700	0,300	0,100	0,300	0,150	0,200	0,100	0,200	0,200
CA-S %	0,150	0,150	-0,050	-0,050	0,070	-0,050	0,100	0,100	0,300	0,300
TI-S %	0,700	0,700	+1,000	0,200	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	200,000	+500,000	100,000	50,000	200,000	200,000	500,000	500,000	3000,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	100,000	70,000	10,000	50,000	100,000	100,000	50,000	10,000	-10,000
BA-S	150,000	500,000	300,000	150,000	300,000	200,000	500,000	200,000	300,000	200,000
BE-S	1,000	2,000	1,500	1,000	1,000	1,000	1,000	-1,000	NAO DET.	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	200,000	15,000	5,000	50,000	20,000	50,000	30,000	200,000	70,000
CR-S	200,000	200,000	200,000	70,000	100,000	70,000	150,000	100,000	700,000	500,000
CU-S	70,000	50,000	300,000	100,000	50,000	200,000	20,000	30,000	20,000	7,000
LA-S	20,000	50,000	100,000	20,000	20,000	20,000	100,000	50,000	20,000	NAO DET.
MO-S	5,000	7,000	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	-10,000	10,000	10,000	-10,000	10,000	15,000	10,000	15,000	-10,000	10,000
NI-S	50,000	100,000	70,000	5,000	100,000	70,000	100,000	50,000	100,000	70,000
PH-S	-10,000	15,000	50,000	20,000	10,000	15,000	20,000	10,000	10,000	10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	20,000	50,000	20,000	30,000	30,000	30,000	20,000	30,000	30,000
SN-S	INTERFER.	INTERFER.	10,000	INTERFER.	INTERFER.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	150,000	-100,000	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.
V-S	200,000	200,000	200,000	100,000	500,000	200,000	300,000	300,000	500,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	50,000	20,000	70,000	70,000	70,000	70,000	50,000	50,000
ZN-S	NAO DET.	-200,000	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.
ZP-S	1000,000	500,000	500,000	50,000	200,000	500,000	300,000	300,000	150,000	200,000
CU-AA	8,000	15,000	50,000	40,000	100,000	85,000	50,000	40,000	95,000	60,000
PR-AA	4,000	8,000	27,000	16,000	11,000	14,000	12,000	10,000	10,000	8,000
ZN-AA	15,000	35,000	18,000	40,000	85,000	50,000	20,000	35,000	100,000	40,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78 FLA. 406

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAT742 AM0714	DAT743 AM0715	DAT991 JA0045	DAT992 JA0047	DAT993 JA0048	DAT994 JA0049	DAT995 JA0050	DAT996 JA0051	DAT997 JA0052	DAT998 JA0053
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SR-AA	2,000	2,000	-1,000	2,000	2,000	2,000	2,000	2,000	-1,000	-1,000
MO-AA	6,000	5,000	4,000	25,000	25,000	15,000	10,000	7,000	4,000	-2,000
W-AA										
AS-CCL	10,000	10,000	-10,000	40,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-COL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL	-10,000	-10,000	-10,000	40,000	20,000	80,000	20,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

	DAU999	DAU001	DAU002	DAU003	DAU004	DAU005	DAU006	DAU007	DAU008	DAU009
NUM. LAB.	JA0054	JA0055	JA0056	JA0057	JA0058	JA0059	JA0060	JA0061	JA0062	JA0063
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0531	0519	0501	0521	0529	0512	0508	0519	0519	0519
ORDENADA - Y	0384	0283	0262	0237	0216	0229	0231	0231	0231	0244
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	J	B	B	B	B	J
ID. GEOLG.										
MAT. COLET.	ARGL	ARGL	ARGL	ARGL	CSCL	CSCL	CSCL	CSCL	ARGL	ARGL
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	C	C	C	A	A	C	C	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	2	2	3	2	2	1	1	3	3	2
PROFUND. RIO	0,8	1,2	0,1	0,1	0,2	0,2	0,2	0,2	0,2	0,5
VELOC. CORR.			2	1	0			0	0	
NIVEL AGUA			1	1	1			1	1	
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA			0	0	0			0	0	
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU APPEC.										
VOL. CRIST.										
PESO LINC.										
GRANULOMET.										
TEXT. SEDIM.	262	172	262	82	6 31	6 31	5 41	5 41	1 351	1 261
COR. SED. / SI.										
HORIZ. SELD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT999 JA0054	DAU001 JA0055	DAU002 JA0056	DAU003 JA0057	DAU004 JA0058	DAU005 JA0059	DAU006 JA0060	DAU007 JA0061	DAU008 JA0062	DAU009 JA0063
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			6,2	5,7	6,5			5,9	6,2	
METAL TOTAL										
CODIF. LIVRE	1020	2120	2120	2820	2220	2820	2220	2820	2821	2220
PARAMETROS ANALITICOS										
FF-S %	10,000	10,000	10,000	15,000	10,000	15,000	15,000	15,000	15,000	7,000
MG-S %	0,200	0,200	0,500	0,300	0,700	1,000	1,000	1,500	1,500	0,200
CA-S %	0,200	0,050	0,300	0,100	0,300	1,500	1,000	2,000	2,000	0,100
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
4N-S	1000,000	200,000	700,000	500,000	1000,000	2000,000	2000,000	1500,000	1500,000	3000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	50,000	50,000	50,000	50,000	NAO DET.	NAO DET.	20,000	20,000
PA-S	200,000	300,000	500,000	700,000	700,000	200,000	150,000	500,000	500,000	700,000
BE-S	-1,000	1,000	2,000	2,000	1,500	NAO DET.	NAO DET.	-1,000	-1,000	5,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	30,000	100,000	70,000	100,000	100,000	100,000	100,000	100,000	500,000
CR-S	300,000	150,000	200,000	500,000	300,000	700,000	700,000	700,000	700,000	200,000
CU-S	50,000	7,000	7,000	10,000	100,000	150,000	150,000	70,000	70,000	75,000
LA-S	50,000	50,000	100,000	100,000	100,000	NAO DET.	NAO DET.	50,000	50,000	100,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	50,000	150,000	70,000	10,000	-5,000	10,000
NB-S	10,000	20,000	20,000	20,000	20,000	-10,000	-10,000	10,000	10,000	20,000
NI-S	70,000	70,000	100,000	100,000	70,000	100,000	100,000	200,000	200,000	100,000
PB-S	10,000	20,000	20,000	50,000	10,000	-10,000	-10,000	10,000	15,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	50,000	50,000	50,000	20,000	30,000	30,000	50,000	50,000	50,000
SN-S	NAO DET.	10,000	10,000	15,000	-10,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	-10,000
SR-S	NAO DET.	NAO DET.	100,000	100,000	100,000	200,000	200,000	200,000	200,000	-100,000
V-S	300,000	300,000	200,000	300,000	200,000	500,000	500,000	300,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	70,000	70,000	70,000	20,000	20,000	70,000	70,000	100,000
ZN-S	INTERFER.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.
ZR-S	200,000	200,000	200,000	200,000	200,000	100,000	100,000	200,000	150,000	200,000
CU-AA	60,000	60,000	85,000	65,000	30,000	90,000	75,000	120,000	130,000	60,000
PR-AA	8,000	15,000	15,000	18,000	10,000	3,000	-3,000	9,000	9,000	3,000
ZN-AA	50,000	85,000	150,000	100,000	45,000	60,000	70,000	75,000	80,000	75,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU010	DAU011	DAU012	DAU013	DAU014	DAU015	DAU016	DAU017	DAU018	DAU019
NUM. CAMPO	JA0064	JA0065	JA0066	JA0067	JA0068	JA0069	JA0071	JA0072	JA0073	JA0074
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	2	2	2	2	2	2	2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0518	0538	0543	0022	0043	0036	0017	0134	0184	0155
ORDENADA - Y	0276	0288	0282	0273	0262	0292	0290	0149	0019	0019
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	J	J	J	J	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ARGL	ARGL	ARGL	ARGL	CSCCL	ARGL	ARGL	CSCCL	AREA	AREA
PLUVIOSTICADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	C	A	C	C	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCRR.										
LARGURA RIO	3	1	1	2	1	2	2	2	2	4
PROFUND. RIO	0,8	0,1	0,9	0,1	0,1	0,6	0,8	0,8	0,8	1,4
VELOC. CORR.		1		2	2					
NIVEL AGUA		1		1	1					
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA		0		0	0					
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CORR. AGUA										
GRAU ARRED.										
VOL. CRICIN.										
PESO LIT.										
GRANULOMET.										
TEXT. SOCM.	B2	271	271	3 61	4 231	3 61	82	54 1	27 1	72 1
COR. SEC./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU010 JA0064	DAU011 JA0065	DAU012 JA0066	DAU013 JA0067	DAU014 JA0068	DAU015 JA0069	DAU016 JA0071	DAU017 JA0072	DAU018 JA0073	DAU019 JA0074
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		5,9		5,7	5,9					
METAL TOTAL										
CODIF. LIVRE	2120	2120	2120	2820	2820	2820	2220	2C10	3910	3910
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	15,000	3,000	10,000	15,000	15,000	15,000	15,000	5,000
MG-S %	0,300	0,500	0,150	0,100	0,200	0,300	0,200	2,000	0,500	0,100
CA-S %	-0,050	0,700	0,050	0,050	0,050	0,100	0,050	2,000	0,200	0,100
TI-S %	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	3000,000	1000,000	150,000	500,000	500,000	1000,000	200,000	1500,000	1500,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	10,000	50,000	50,000	30,000	50,000	50,000	50,000	10,000	50,000	20,000
BA-S	500,000	500,000	300,000	150,000	500,000	300,000	300,000	150,000	300,000	50,000
HE-S	NAO DET.	2,000	2,000	-1,000	2,000	-1,000	1,000	-1,000	2,000	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	150,000	70,000	50,000	20,000	70,000	50,000	20,000	70,000	150,000	50,000
CR-S	700,000	150,000	100,000	70,000	300,000	200,000	150,000	500,000	300,000	30,000
CU-S	300,000	150,000	150,000	200,000	300,000	70,000	50,000	300,000	100,000	100,000
LA-S	-20,000	100,000	100,000	50,000	70,000	100,000	100,000	20,000	100,000	20,000
MO-S	10,000	15,000	15,000	NAO DET.	NAO DET.	7,000	10,000	50,000	50,000	50,000
NB-S	-10,000	10,000	10,000	10,000	10,000	20,000	20,000	-10,000	10,000	10,000
NI-S	70,000	100,000	70,000	30,000	100,000	100,000	70,000	200,000	200,000	10,000
PB-S	20,000	20,000	50,000	NAO DET.	20,000	10,000	10,000	10,000	15,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	50,000	50,000	30,000	20,000	50,000	50,000	50,000	50,000	50,000	10,000
SN-S	10,000	-10,000	INTERFER.	NAO DET.	10,000	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.
SR-S	NAO DET.	100,000	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.	-100,000	NAO DET.
V-S	300,000	300,000	200,000	300,000	500,000	500,000	300,000	700,000	300,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	70,000	100,000	100,000	70,000	100,000	100,000	20,000	100,000	50,000
ZN-S	INTERFER.	INTERFER.	-200,000	NAO DET.	INTERFER.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	NAO DET.
ZR-S	100,000	200,000	200,000	+1000,000	200,000	300,000	300,000	150,000	150,000	500,000
CU-AA	35,000	110,000	95,000	18,000	60,000	90,000	50,000	35,000	95,000	15,000
PR-AA	20,000	15,000	17,000	-3,000	5,000	11,000	12,000	8,000	10,000	-3,000
ZM-AA	80,000	130,000	220,000	13,000	110,000	80,000	45,000	60,000	280,000	8,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU020	DAU021	DAU022	DAU023	DAU024	DAU025	DAU026	DAU027	DAU028	DAU029
NUM. CAMPO	JA0075	JA0076	JA0077	JA0078	JA0080	JA0081	JA0082	CS0234	CS0237	CS0239
S. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	2	2	2	2	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 30 00	54 30 00	54 30 00
ARCTISSA - X	0163	0136	0130	0324	0329	0323	0323	0364	0405	0375
ORDENADA - Y	0026	0028	0032	0025	0032	0069	0069	0302	0322	0314
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	U	U	B	B	B	B	B	J	J	J
ID. GEOLOG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	ARGL	ARGL	ARGL
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	B	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	C	A	A	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO	6	5	6	10	7	2	2	1	2	1
PROFUND. RIO	2,0	1,5	2,0	3,5	3,0	0,8	0,8	1,0	0,5	1,0
VELOC. CORR.				1						
NIVEL AGUA				1						
AREA DRENAG.	1	1	1	2	1	1	1	1	1	1
TURB. AGUA				0	0					
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA				F						
GRAU AFEC.										
VOL. COLETA										
TIPO SOLO										
GRANULOMET.										
TEXT. SEDIM.	63 1	72 1	72 1	72 1	72 1	63 1	72 1	11161	11161	351
COR SEC./SL.										
HORIZ. SED.										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAU020 JA0075	DAU021 JA0076	DAU022 JA0077	DAU023 JA0978	DAU024 JA0380	DAU025 JA0381	DAU026 JA0382	DAU027 CS0234	DAU028 CS0237	DAU029 CSJ233
PARAMETROS ANALITICOS DE CAMPO										
FH CVCLT										
PH				6,2	6,2					
METAL TCTAL CODIF. LIVRE	30 0	39 0	39 0	4 10	4 10	4 10	4 10	2120	2120	2120
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	2,000	10,000	3,000	2,000	10,000	10,000	15,000	2,000
MG-S %	0,150	0,070	0,070	0,100	0,070	0,050	0,070	0,200	0,300	0,500
CA-S %	0,100	0,050	0,070	0,050	-0,050	0,050	0,050	-0,050	-0,050	-0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000	1,000
MN-S	3000,000	700,000	500,000	1500,000	500,000	500,000	1000,000	100,000	50,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	0,500
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	20,000	50,000	50,000	50,000	50,000	50,000	70,000	70,000	100,000
BA-S	300,000	100,000	50,000	150,000	100,000	50,000	70,000	300,000	300,000	500,000
BF-S	-1,000	-1,000	-1,000	1,000	NAO DET.	NAO DET.	NAO DET.	1,500	1,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	70,000	15,000	150,000	20,000	20,000	50,000	20,000	10,000	10,000
CR-S	70,000	50,000	70,000	70,000	70,000	30,000	70,000	200,000	200,000	100,000
CU-S	100,000	200,000	70,000	100,000	100,000	200,000	150,000	50,000	200,000	70,000
LA-S	20,000	20,000	NAO DET.	20,000	20,000	NAO DET.	NAO DET.	70,000	70,000	50,000
MO-S	30,000	-5,000	-5,000	10,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MS-S	10,000	15,000	10,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000
NI-S	30,000	15,000	10,000	50,000	10,000	7,000	20,000	70,000	70,000	70,000
PB-S	-10,000	NAO DET.	NAO DET.	15,000	NAO DET.	NAO DET.	NAO DET.	50,000	50,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	10,000	5,000	20,000	10,000	5,000	20,000	50,000	50,000	50,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000	-100,000	100,000
V-S	300,000	300,000	200,000	500,000	300,000	200,000	300,000	200,000	500,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	20,000	50,000	20,000	10,000	30,000	70,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	1000,000	1000,000	700,000	700,000	500,000	700,000	300,000	200,000	150,000
CU-AA	27,000	14,000	4,000	30,000	7,000	8,000	12,000	60,000	75,000	60,000
PB-AA	7,000	-3,000	-3,000	16,000	4,000	3,000	5,000	24,000	30,000	18,000
ZN-AA	24,000	9,000	7,000	24,000	6,000	6,000	8,000	45,000	40,000	35,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TI-AA										
AI-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 415

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAU020 JA0075	DAU021 JA0076	DAU022 JA0077	DAU023 JA0078	DAU024 JA0080	DAU025 JA0081	DAU026 JA0082	DAU027 CS0234	DAU028 CS0237	DAU029 CS0230
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	1,000	NAO DET.	-1,000	1,000	-1,000	-1,000	-1,000	2,000	3,000	2,000
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	20,000	70,000	25,000
W-AA										
AS-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	-10,000
SB-COL										
CXCU-COL										
MET PES										
CO-COL										
MO-COL										
W-COL										
P-COL										
SE-COL										
U-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	40,000	40,000	-10,000

SEDIMENTOS DE COPRENTE

	DAU030	DAU031	DAU032	DAU033	DAU034	DAU035	DAU036	DAU037	DAU038	DAU039
NUM. LAB.	CS0242	CS0243	CS0244	CS0253	CS0254	CS0256	CS0257	CS0258	CS0261	CS0263
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	1	1	1	1	1	1	1	1	1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00
ABCISSA - X	0484	0486	0494	0519	0516	0520	0523	0532	0519	0512
ORDENADA - Y	0389	0393	0387	0289	0299	0322	0320	0332	0346	0390
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	J	J	J	J	U	U	U	J	J
ID. GEOLG.										
MAT. COLET.	ARGL	ALUV	ARGL	ARGL	ARGL	CACL	CACL	CACL	ARGL	ARGL
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	C	B	B	B	B	B	B
SIT. TOPOG.										
SIT. AMOST.	A	C	A	B	A	B	B	B	B	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	2	5	2	4	2	4	3	1	3	2
PROFUND. RIO	1,0	3,0	1,0	2,0	1,0	1,5	1,0	0,5	1,0	1,0
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
PDS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU AFRED.										
VOL. ORIGIN.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	181	271	1171	172	262	541	451	451	73	271
COR SED./SL.										
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO AMB. BICTICO	DAU030 CS0242	DAU031 CS0243	DAU032 CS0244	DAU033 CS0253	DAU034 CS0254	DAU035 CS0256	DAU036 CS0257	DAU037 CS0258	DAU038 CS0261	DAU039 CS0263
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH				4,7		4,4	4,4	4,0	4,4	
MFTAL TOTAL										
CODIF. LIVRE	1020	1020	1020	2120	2120	2A	2A	2A	2A20	10
PARAMETROS ANALITICOS										
FE-S %	5,000	15,000	5,000	10,000	15,000	10,000	10,000	10,000	15,000	5,000
MG-S %	0,150	0,200	0,150	0,500	0,200	0,500	0,700	1,500	0,500	0,100
CA-S %	0,070	0,150	0,150	0,500	-0,050	0,500	1,000	3,000	0,700	0,050
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	300,000	1500,000	1000,000	1500,000	150,000	2000,000	2000,000	2000,000	2000,000	700,000
AG-S	NAO DET.	NAJ DLT.	NAJ DET.	NAO DET.	NAO DET.	NAU DET.	NAO DET.	NAJ DET.	NAO DET.	NAJ DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	10,000	50,000	30,000	50,000	20,000	-10,000	-10,000	50,000	70,000
PA-S	150,000	200,000	150,000	300,000	500,000	300,000	300,000	300,000	500,000	200,000
BF-S	-1,000	NAO DET.	-1,000	-1,000	1,000	-1,000	NAO DET.	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAJ DET.
CO-S	20,000	50,000	50,000	50,000	10,000	100,000	100,000	100,000	70,000	150,000
CR-S	100,000	1000,000	150,000	300,000	300,000	300,000	300,000	100,000	300,000	100,000
CU-S	300,000	500,000	150,000	70,000	200,000	150,000	30,000	200,000	200,000	100,000
LA-S	20,000	NAO DET.	20,000	20,000	50,000	20,000	20,000	20,000	20,000	70,000
MO-S	NAO DET.	NAJ DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	5,000
NR-S	15,000	10,000	10,000	10,000	10,000	-10,000	-10,000	10,000	10,000	10,000
NI-S	70,000	100,000	70,000	100,000	50,000	100,000	100,000	100,000	200,000	70,000
PB-S	-10,000	15,000	NAO DET.	20,000	30,000	10,000	10,000	10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	50,000	50,000	50,000	50,000	50,000	20,000	20,000
SN-S	NAO DET.	INTERFER.	NAO DET.	10,000	INTERFER.	-10,000	-10,000	10,000	NAO DET.	NAO DET.
SH-S	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	100,000	200,000	200,000	100,000	NAO DET.
V-S	300,000	300,000	300,000	500,000	200,000	500,000	500,000	500,000	700,000	500,000
W-S	NAO DET.	NAJ DLT.	NAJ DLT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	50,000	50,000	50,000	70,000	50,000	50,000	50,000	50,000	70,000
ZN-S	NAO DET.	INTERFER.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAJ DET.
ZR-S	500,000	200,000	200,000	200,000	150,000	150,000	150,000	100,000	200,000	700,000
CU-AA	40,000	70,000	45,000	150,000	60,000	75,000	100,000	170,000	80,000	35,000
PB-AA	7,000	12,000	8,000	11,000	13,000	10,000	7,000	7,000	10,000	9,000
ZN-AA	28,000	75,000	40,000	75,000	75,000	170,000	110,000	100,000	180,000	25,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 418

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAU030 CS0242	DAU031 CS0243	DAU032 CS0244	DAU033 CS0253	DAU034 CS0254	DAU035 CS0256	DAU036 CS0257	DAU037 CS0258	DAU038 CS0261	DAU039 CS0263
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000
MO-AA	3,000	10,000	5,000	6,000	3,000	10,000	10,000	-2,000	NAD DET.	-2,000
W-AA										
AS-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-COL										
CXCU-CCL										
MEI PES										
CO-COL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL	-10,000	-10,000	-10,000	20,000	20,000	40,000	-10,000	-10,000	40,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU040	DAU041	DAU042	DAU043	DAU044	DAU045	DAU046	DAU047	DAU048	DAU049
NUM. CAMPO	CS0264	CS0273	CS0272	CS0282	CS0288	CS0289	CS0274	CS0292	CS0294	CS0293
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROFICIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	1	2	2	2	2	2	2	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0498	0009	0011	0147	0131	0101	0009	0081	0014	0037
ORDENADA - Y	0393	0249	0257	0163	0193	0194	0249	0182	0175	0173
UTM - LFSTE										
UTM - ACORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	J	J	J	J	J	J	J	J	J	J
ID. GEOLG.										
MAT. COLET.	ARGL	AREA	CSCL	APEA	AREA	AREA	AREA	AREA	ALUV	ARGL
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	C	C	B	B	B	C	B	B	C
SIT. TOPOG.										
SIT. AMOST.	A	C	C	A	A	A	C	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEF. COCCO.										
LAGUNA RIO	1	5	1	4	5	4	4	4		2
PROFUND. RIO	1,0	1,5	0,5	0,5	1,0	1,5	1,5	1,0		1,0
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	1	1	3	3	3	1	1	1	1
TURB. AGUA										
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA										
GRAU ABPEC.										
VOL. CRISTAL.										
PESO CCNC.										
GRANULOMET.										
TEXT. SEDIM.	262	163	5311	1621	613	622	163	622	1621	1324
COR SED./SL.										
HORIZ. SCLC										
TIPO SCLC										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMP. RÍPTICO	DAU040 CS0264	DAU041 CS0273	DAUC42 CS0272	DAU043 CS0282	DAU044 CS0288	DAU045 CS0289	DAU046 CS0274	DAU047 CS0292	DAU048 CS0294	DAU049 CS0293
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		5,3	4,7				5,3			
METAL TOTAL CODIF. LIVRE	1020	2220	2220	2310	2030	2230	2221	2030	28	2230
PARAMETROS ANALITICOS										
FE-S %	10,000	15,000	15,000	10,000	15,000	10,000	15,000	3,000	10,000	10,000
MG-S %	0,200	0,200	0,150	0,150	0,200	0,150	0,300	0,070	0,100	0,100
CA-S %	0,300	0,100	0,100	0,100	0,100	0,100	0,300	0,050	-0,050	0,050
YT-S %	+1,000	+1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	0,700	0,700
MN-S	1500,000	1500,000	1500,000	500,000	500,000	1000,000	1500,000	500,000	200,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	20,000	50,000	70,000	30,000	30,000	50,000	50,000	70,000
BA-S	200,000	500,000	200,000	200,000	300,000	150,000	500,000	100,000	300,000	200,000
BE-S	-1,000	1,500	-1,000	2,000	2,000	-1,000	-1,000	-1,000	5,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	150,000	5,000	50,000	20,000	5,000	20,000	5,000	50,000	5,000	100,000
CR-S	200,000	150,000	200,000	70,000	100,000	70,000	200,000	30,000	100,000	70,000
CU-S	150,000	150,000	100,000	100,000	150,000	70,000	150,000	30,000	70,000	50,000
LA-S	20,000	50,000	20,000	50,000	50,000	30,000	70,000	20,000	50,000	50,000
MO-S	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	15,000	10,000	10,000	15,000	10,000	15,000	10,000	10,000	10,000
NI-S	70,000	100,000	100,000	100,000	100,000	100,000	100,000	30,000	70,000	70,000
PB-S	-10,000	30,000	-10,000	-10,000	10,000	-10,000	20,000	NAO DET.	20,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	15,000	20,000	15,000	20,000	10,000	15,000	20,000
SN-S	NAO DET.	INTERFER.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	NAO DET.	-10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	500,000	500,000	500,000	300,000	300,000	500,000	500,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	50,000	50,000	70,000	30,000	70,000	20,000	50,000	50,000
ZN-S	INTERFER.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	300,000	300,000	+1000,000	+1000,000	+1000,000	500,000	+1000,000	1000,000	+1000,000
CU-AA	50,000	70,000	45,000	24,000	40,000	23,000	75,000	14,000	24,000	23,000
PB-AA	8,000	30,000	14,000	4,000	10,000	4,000	29,000	-3,000	20,000	8,000
ZN-AA	40,000	85,000	30,000	90,000	85,000	45,000	85,000	16,000	45,000	50,000
AG-AA										
CO-AA										
NI-AA										
SI-AA										
CD-AA										
TC-AA										
AI-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

	DAU050	DAU051	DAU052	DAU053	DAU054	DAU055	DAU056	DAU057	DAU058	DAU059
NUM. LAB.	CS0299	CS0304	CS0306	JP0062	JP0063	JP0064	JP0065	JP0067	JP0068	JP0069
NUM. CAMPO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
C. CUSTO	270	270	270	270	270	270	270	270	270	270
S. CUSTO	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR
PROCEDENCIA	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	2	2	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABSCISSA - X	0045	0025	0029	0300	0292	0213	0202	0185	0174	0173
ORDENADA - Y	0177	0183	0191	0124	0128	0168	0192	0191	0176	0180
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

	DAU050	DAU051	DAU052	DAU053	DAU054	DAU055	DAU056	DAU057	DAU058	DAU059
CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	H	H	H	B	B	B	B	B	B	B
ID. GEOLÓG.										
MAT. COLET.	SILT	ARGL	AREA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	D	D	C	C	C	C	C
TIPO VEGET.	C	B	C	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	A	C	C	C	A	C
ALTITUDE										
PROF. AMOST.				0,10	0,00	0,30	0,20	0,30	0,00	0,10
FORMA IGNEA										
SIT. ESTRUC.										
MATRIZ PRED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	2	4	6	1	1	2	4	3	1	1
PROFUND. RIO	1,0	1,0	2,5	0,5	0,2	1,0	2,0	1,5	0,4	0,5
VELOC. CCCP.				0	0	0	0	1	0	2
NIVEL AGUA				1	0	1	1	1	0	1
ART. CHENAG.	1	1	3	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C		C	C	C	C	C	C	C	C
COP. AGUA				A		I	A	A		A
GRAU APREC.										
VOL. FRIGID.										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.	343	1126	1531	1 81	1 81	91	1 9	1 9	91	19
COP. SEC./SL.				C	C	C		I	C	B
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU050 CS0299	DAU051 CS0304	DAU052 CS0306	DAU053 JP0062	DAU054 JP0063	DAU055 JP0064	DAU056 JP0065	DAU057 JP0067	DAU058 JP0068	DAU059 JP0069
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH				4,4		5,3	5,3	5,3		5,3
METAL TOTAL										
CODIF. LIVRE	2330	2220	2820	1 3	1 3	1 3	1 3	1 3	1 3	1 3
PARAMETROS ANALITICOS										
FE-S %	5,000	10,000	10,000	20,000	5,000	2,000	20,000	15,000	3,000	10,000
MG-S %	0,050	0,150	0,200	0,700	0,200	0,150	0,300	0,200	0,150	0,150
CA-S %	-0,050	0,050	0,050	0,150	0,050	0,050	0,150	-0,050	-0,050	-0,050
TI-S %	0,700	0,700	+1,000	0,700	+1,000	1,000	+1,000	0,700	1,000	0,700
MN-S	200,000	1000,000	700,000	500,000	500,000	150,000	1000,000	150,000	50,000	50,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	70,000	70,000	70,000	150,000	100,000	20,000	100,000	100,000	100,000
BA-S	150,000	300,000	300,000	500,000	300,000	300,000	300,000	500,000	300,000	500,000
BE-S	1,000	2,000	2,000	7,000	1,000	1,000	-1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	50,000	50,000	50,000	50,000	100,000	100,000	70,000	100,000	70,000
CR-S	70,000	100,000	70,000	150,000	100,000	70,000	500,000	100,000	100,000	100,000
CU-S	20,000	70,000	50,000	200,000	150,000	30,000	100,000	70,000	30,000	50,000
LA-S	30,000	50,000	50,000	200,000	100,000	50,000	30,000	70,000	50,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	50,000	50,000	-5,000	10,000	10,000	-5,000	7,000
NR-S	10,000	15,000	15,000	10,000	15,000	15,000	15,000	10,000	15,000	15,000
NI-S	50,000	100,000	70,000	300,000	70,000	20,000	150,000	30,000	30,000	30,000
PB-S	-10,000	-10,000	10,000	10,000	15,000	-10,000	20,000	20,000	15,000	15,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	20,000	15,000	30,000	20,000	15,000	20,000	20,000	15,000	20,000
SN-S	NAO DET.	NAO DET.	-10,000	INTERFER.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.
SO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	200,000	300,000	500,000	500,000	200,000	500,000	300,000	150,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	50,000	50,000	700,000	100,000	70,000	50,000	70,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	500,000	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	1000,000	200,000	700,000	+1000,000	200,000	500,000	+1000,000	1000,000
CU-AA	11,000	26,000	24,000	90,000	50,000	18,000	75,000	29,000	10,000	24,000
PB-AA	3,000	9,000	10,000	10,000	15,000	7,000	17,000	14,000	10,000	15,000
ZN-AA	23,000	70,000	70,000	310,000	40,000	10,000	85,000	21,000	10,000	16,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CO-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

NUM. LAB. NUM. CAMPO	SEDIMENTOS DE CORRENTE									
	DAU050 CS0299	DAU051 CS0304	DAU052 CS0306	DAU053 JPC062	DAU054 JPC063	DAU055 JPC064	DAU056 JPC065	DAU057 JPC067	DAU058 JPC068	DAU059 JPC069
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SH-AA	NAO DET.	-1,000	1,000	1,000	2,000	-1,000	1,000	2,000	-1,000	2,000
MO-AA	-2,000	3,000	3,000	20,000	-20,000	3,000	8,000	9,000	-2,000	3,000
W-AA										
AS-COL	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	20,000	-10,000	-10,000
SB-COL										
CXCU-CCL										
MET PES										
CO-COL										
MO-COL										
W-COL										
P-COL										
SE-COL										
U-COL	-10,000	-10,000	-10,000	80,000	20,000	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU060	DAU061	DAU062	DAU063	DAU064	DAU065	DAU066	DAU067	DAU068	DAU069
NUM. CAMPO	JP0072	JP0071	JP0073	JP0074	ES0315	ES0316	ES0317	JA0041A	TA0018	TA0019
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA.21-X- D-VI-4	SA.21-X- D-VI-4
BASE CART.	4	4	4	4	4	4	4	3		
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 30 00	54 15 00	54 15 00
ABSCISSA - X	0186	0200	0204	0162	0391	0356	0352	0121	0283	0274
ORDENADA - Y	0240	0228	0228	0207	0471	0495	0493	0183	0069	0071
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	AREA	ARGL	AREA	AREA	ALUV	ALJV
PLUVIOSIDADE	B	B	B	A	C	C	C	A	C	C
TIPO VEGET.	E	E	E	A	A	C	B	A	B	C
SIT. TOPOG.										
SIT. AMOST.	C	A	C	A	A	C	C	A	C	C
ALTITUDE										
PRF. AMOST.	0,10	0,00	0,10	0,00					1,10	0,30
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	3	3	3	3	1	4	13	2	3	3
PROFUND. RIO	0,8	1,0	1,0	1,0	0,2	0,2	0,7		3,0	0,8
VELOC. CORR.	0	0	1	0	0	0	3		1	1
NIVEL AGUA	1	0	1	0	0	1	1		1	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA					0	0	1			
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CON AGUA	A		A			A	A		D	D
GRAU APRED.					D	D	B			
VOL. ORIGIN.										
PESO LENC.										
GRANULOMET.					CM	CM	BG			
TENT. SIEIM.	1 7	2 71	2 8	1 81	4 21	1 31	7 11	2 7	9 1	8 11
CON SEC. /SL	1	C	1	C	D	I	F		D	
MATRIZ, SOLO										
TIPO SOLO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

		SEDIMENTOS DE CORRENTE									
NUM. LAB.	DAU060	DAU061	DAU062	DAU063	DAU064	DAU065	DAU066	DAU067	DAU068	DAU069	
NUM. CAMPO	JP0072	JP0071	JP0073	JP0074	ES0315	ES0316	ES0317	JA0041A	TA0018	TA0019	
AMB. RICTICO											
PARAMETROS ANALITICOS DE CAMPO											
EH CVCLT											
PH	5,5		5,5				5,5	5,7			
METAL TOTAL											
CODIF. LIVRE	1 3	1 3	1 1	1 3	5 10	5 10	5 10	5 11	1 10	1 10	
PARAMETROS ANALITICOS											
FE-S %	20,000	15,000	15,000	7,000	0,700	3,000	3,000	1,500	2,000	1,500	
MG-S %	0,500	0,150	0,300	0,200	0,050	0,150	0,050	0,030	0,200	0,050	
CA-S %	0,100	0,100	0,200	0,150	-0,050	0,050	-0,050	0,100	0,050	-0,050	
TI-S %	+1,000	1,000	+1,000	+1,000	1,000	+1,000	+1,000	+1,000	1,000	1,000	
MN-S	1500,000	700,000	2000,000	1500,000	50,000	300,000	500,000	700,000	100,000	100,000	
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
J-S	30,000	50,000	20,000	70,000	70,000	100,000	100,000	50,000	100,000	50,000	
BA-S	500,000	300,000	300,000	300,000	150,000	200,000	100,000	300,000	300,000	100,000	
BF-S	-1,000	2,000	-1,000	1,000	-1,000	1,000	-1,000	-1,000	1,500	-1,000	
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
CO-S	5,000	150,000	30,000	50,000	150,000	100,000	30,000	50,000	50,000	150,000	
CR-S	500,000	200,000	500,000	150,000	20,000	70,000	70,000	30,000	100,000	50,000	
CU-S	200,000	150,000	150,000	150,000	10,000	100,000	7,000	5,000	70,000	5,000	
LA-S	20,000	70,000	20,000	100,000	NAO DET.	50,000	20,000	30,000	100,000	-20,000	
MO-S	50,000	20,000	5,000	70,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	-5,000	
NH-S	10,000	10,000	20,000	20,000	10,000	15,000	20,000	30,000	10,000	10,000	
NI-S	200,000	100,000	200,000	150,000	5,000	70,000	30,000	5,000	100,000	20,000	
PB-S	15,000	20,000	10,000	10,000	NAO DET.	10,000	-10,000	-10,000	15,000	-10,000	
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
SC-S	30,000	30,000	20,000	20,000	NAO DET.	20,000	20,000	10,000	20,000	5,000	
SN-S	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
SR-S	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
V-S	700,000	150,000	200,000	200,000	50,000	300,000	200,000	70,000	300,000	100,000	
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
Y-S	30,000	70,000	50,000	70,000	30,000	70,000	100,000	100,000	70,000	20,000	
ZN-S	INTERFER.	200,000	500,000	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	
ZR-S	150,000	150,000	150,000	200,000	+1000,000	700,000	+1000,000	+1000,000	1000,000	1000,000	
CU-AA	110,000	90,000	80,000	70,000	4,000	40,000	8,000	-3,000	40,000	8,000	
PR-AA	10,000	13,000	14,000	12,000	-3,000	8,000	-3,000	8,000	12,000	3,000	
ZN-AA	130,000	120,000	190,000	200,000	-3,000	35,000	5,000	3,000	24,000	13,000	
AG-AA											
CO-AA											
NI-AA											
BT-AA											
CD-AA											
TF-AA											
AU-AA											
NA-AA %											
K-AA %											

SEDIMENTOS DE CORRENTE

NUM. LAR.	DAU070	DAU071	DAU072	DAU073	DAU074	DAU075	DAU076	DAU077	DAU078	DAU079
NUM. CAMPO	TA0020	TA0021	TA0022	TA0023	TA0024	TA0025	TA0026	TA0027	TA0030	TA0031
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-
BASE CART.	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0251	0299	0338	0340	0327	0286	0293	0258	0364	0369
ORDENADA - Y	0126	0062	0265	0262	0279	0282	0279	0293	0178	0229
UTM - LFSTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTF AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	J	J	J	J	J	J	J	G
TO. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALJV
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	E	F	E	E	A	A	A	C	A	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	A	C	C	A	A
ALTITUDE										
PROF. AMOST.	0,60	0,10	0,10		0,10	0,00	0,20	0,20	0,00	0,00
FORMA IGFA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	3	5	2	2	2	2	4	2	2	2
PROFUND. RIO	1,5	0,4	0,5	0,5	0,8	1,0	1,5	0,8	1,0	1,5
VELOC. CORR.	1	1	1	1	1	1	1	1	1	1
NIVEL AGUA	1	1	1	1	1	0	1	1	0	0
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TUPB. AGUA										
POS. COLETA	C	C		C	C	C	C	C	C	C
COR. AGUA	D	A		A	A		A	C		C
GRAU ABREC.										
VUL. ORIGIN.										
PESO COAC.										
GRANULOMET.										
TEXT. SEDIM.	1171	011	172		3241	1171		118	1711	7111
COR. SED. / SL.	1	D			D	1	1	1	D	D
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU070 TA0020	DAU071 TA0021	DAU072 TA0022	DAU073 TA0023	DAU074 TA0024	DAU075 TA0025	DAU076 TA0026	DAU077 TA0027	DAU078 TA0030	DAU079 TA0031
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		5,3	6,5	6,5	6,2			5,9		
METAL TOTAL										
CONDIF. LIVRE	1 10	1 10	1120	1170	2220	2220	1020	2820	1 20	1 10
PARAMETROS ANALITICOS										
FE-S %	15,000	3,000	10,000	10,000	5,000	10,000	10,000	10,000	10,000	10,000
MG-S %	0,200	0,070	0,300	0,300	0,200	0,300	0,200	0,300	0,150	0,150
CA-S %	0,100	-0,050	0,300	0,200	0,150	0,100	0,100	0,100	-0,050	0,070
TI-S %	1,000	0,300	+1,000	+1,000	+1,000	1,000	+1,000	1,000	+1,000	+1,000
MN-S	200,000	50,000	3000,000	1000,000	1000,000	500,000	1000,000	200,000	1000,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	70,000	70,000	70,000	100,000	70,000	70,000	20,000	50,000
BA-S	500,000	150,000	500,000	300,000	300,000	500,000	200,000	700,000	200,000	200,000
BF-S	3,000	-1,000	2,000	2,000	-1,000	2,000	1,000	2,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	15,000	20,000	15,000	70,000	30,000	200,000	30,000	7,000	100,000
CP-S	150,000	50,000	100,000	100,000	100,000	200,000	200,000	300,000	500,000	200,000
CU-S	150,000	7,000	100,000	100,000	50,000	100,000	70,000	70,000	50,000	70,000
LA-S	100,000	20,000	70,000	100,000	70,000	100,000	50,000	200,000	50,000	70,000
MO-S	50,000	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	-10,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	15,000
NI-S	150,000	20,000	70,000	70,000	70,000	100,000	50,000	100,000	100,000	100,000
PB-S	10,000	-10,000	20,000	10,000	-10,000	20,000	10,000	50,000	20,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	5,000	20,000	20,000	20,000	30,000	20,000	30,000	20,000	20,000
SN-S	INTERFER.	NAO DET.	-10,000	-10,000	NAO DET.	10,000	-10,000	10,000	-10,000	-10,000
SR-S	100,000	NAO DET.	100,000	100,000	NAO DET.	-100,000	-100,000	150,000	NAO DET.	NAO DET.
V-S	300,000	100,000	300,000	300,000	300,000	200,000	300,000	300,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	100,000	30,000	70,000	70,000	70,000	70,000	70,000	70,000	50,000	70,000
ZN-S	-200,000	NAO DET.	INTERFER.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	-200,000	INTERFER.	INTERFER.
ZR-S	500,000	500,000	200,000	500,000	1000,000	300,000	500,000	150,000	500,000	300,000
CU-AA	60,000	10,000	40,000	50,000	35,000	50,000	50,000	40,000	35,000	40,000
PB-AA	16,000	3,000	10,000	10,000	6,000	13,000	16,000	14,000	20,000	14,000
ZN-AA	280,000	18,000	60,000	60,000	50,000	75,000	70,000	70,000	80,000	80,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TI-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU080	DAU081	DAU082	DAU083	DAU084	DAU085	DAU086	DAU087	DAU088	DAU089
NUM. CAMPO	TA0032	TA0033	TA0034	TA0035	TA0037	TA0038	TA0039	TA0028	TA0029	ES0203
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTC	270	270	270	270	270	270	270	270	270	270
PRCCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA.21-X-	SA21X0VI
BASE CART.	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	D-VI-4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 03 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0370	0391	0338	0334	0326	0326	0333	0197	0211	0488
ORDENADA - Y	0214	0236	0154	0169	0192	0192	0215	0279	0260	0424
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PFC.	G	G	J	G	G	G	G	J	G	B
ID. GEOLG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	A	E	A	A	A	A	C	C	A
SIT. TOPOG.										
SIT. AMOST.	C	C	A	C	C	C	C	C	A	C
ALTITUDE										
PROF. AMOST.	0,00	0,10	0,00	0,20	0,60	0,60	0,70	0,30	0,00	
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTFMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCO.										
LARGURA RIO	3	2	1	1	3	3	5	4	3	2
PROFUND. RIO	1,0	1,0	0,1	1,0	2,5	2,5	3,0	1,0	0,5	0,3
VELOC. CORR.				1	2	2	1	1		3
NIVEL AGUA				1	1	1	1	1	0	1
AREA DRENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA		D		A	I	I	A	A		A
GRAU ARREC.										B
VUL. CRIGIN.										
PESO CONC.										
GRANULMET.										30
TEXT. SEDIM.	7111	16111	73		811	811				7111
COP SEC./SL.	C	D	E	C						D
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAU080 TA0032	DAU081 TA0033	DAU082 TA0034	DAU083 TA0035	DAU084 TA0037	DAU085 TA0038	DAU086 TA0039	DAU087 TA0028	DAU088 TA0029	DAU089 ES200
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH				4,7	5,3	5,3	5,7	5,9		6,5
METAL TOTAL										
CODIF. LIVRE	1 10	1 10	2120	1 10	1 10	1 11	1 10	1020	1 10	5 10
PARAMETROS ANALITICOS										
FE-S %	10,000	10,000	15,000	5,000	15,000	15,000	15,000	15,000	15,000	1,500
MG-S %	0,150	0,200	0,200	0,050	0,200	0,150	0,200	0,300	0,200	0,070
CA-S %	0,050	0,100	0,070	-0,050	0,050	0,050	0,100	0,300	0,050	0,100
TI-S %	+1,000	+1,000	1,000	0,200	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
MN-S	1000,000	1000,000	500,000	50,000	1500,000	1500,000	1500,000	1000,000	700,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	50,000	20,000	50,000	50,000	50,000	50,000	50,000	50,000
EA-S	200,000	300,000	500,000	100,000	200,000	200,000	300,000	500,000	500,000	150,000
BF-S	-1,000	1,500	5,000	2,000	-1,000	-1,000	1,000	-1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	15,000	5,000	5,000	50,000	100,000	100,000	200,000	70,000	70,000	10,000
CU-S	100,000	150,000	100,000	15,000	300,000	300,000	200,000	700,000	300,000	50,000
LA-S	70,000	100,000	200,000	30,000	50,000	50,000	100,000	150,000	150,000	10,000
MO-S	50,000	100,000	200,000	20,000	20,000	20,000	50,000	50,000	100,000	50,000
NB-S	NAO DET.	NAO DET.	NAO DET.	5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NI-S	15,000	15,000	15,000	-10,000	15,000	10,000	15,000	15,000	10,000	10,000
NT-S	70,000	100,000	150,000	20,000	50,000	50,000	200,000	100,000	150,000	10,000
PB-S	10,000	20,000	50,000	-10,000	10,000	10,000	-10,000	10,000	20,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	10,000	20,000	20,000	20,000	20,000	20,000	5,000
SN-S	-10,000	-10,000	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.
V-S	300,000	300,000	300,000	100,000	500,000	300,000	300,000	500,000	300,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	100,000	20,000	50,000	50,000	70,000	70,000	70,000	30,000
ZN-S	NAO DET.	INTERFER.	200,000	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	NAO DET.
ZR-S	300,000	700,000	200,000	20,000	500,000	500,000	300,000	200,000	200,000	+1000,000
CU-AA	30,000	45,000	80,000	110,000	35,000	35,000	40,000	80,000	45,000	3,000
PB-AA	10,000	10,000	20,000	8,000	14,000	14,000	15,000	18,000	10,000	4,000
ZN-AA	60,000	120,000	170,000	180,000	50,000	50,000	130,000	70,000	120,000	5,000
AG-AA										
CO-AA										
NI-AA										
SI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU090	DAU091	DAU092	DAU093	DAU094	DAU095	DAU096	DAU097	DAU098	DAU099
NUM. CAMPO	ES0201	ES0203	ES0204	ES0205	ES0206	ES0207	ES0208	ES0209	ES0210	ES0211
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	2	2	2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0487	0490	0497	0497	0501	0498	0488	0469	0477	0472
ORDENADA - Y	0445	0471	0554	0554	0472	0475	0511	0232	0219	0226
UTM - LFSTE										
UTM - NORTE										
MER. CENT.										

PAPAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PFC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ARGL	AREA	AREA	AREA	ARGL	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	A	C	C	C	A	A	C	C	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	A	A	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCUP.										
LARGURA RIO	3	3	3	3	2	4	2	2	3	5
PROFUND. RIO	0,4	0,2	0,2	0,2	0,3	0,4	0,3	0,4	1,0	1,2
VELOC. CORR.	2	3	3	3	0	3	3	0	0	0
NIVEL AGUA	1	1	1	1	1	1	1	0	0	0
AREA DRENAG.	1	1	1	1	1	2	1	1	1	1
TURB. AGUA	1	1	1	1	0	1	1	0	0	0
PES. COLETA	C	C	C	C	C	C	C	C	C	C
CON. AGUA	A	A	A	A	A	A	F	F	C	C
GRAU ABRED.	D	C	B	H	D	B	C	C	C	B
VOL. ORIGIN.										
PESO CONC.										
GRANULIMET.	CM	UG	UG	UG	CM	UG	UG	UG	UG	UG
TEXT. SEDIM.	3241	7111	25111	25111	1351	7111	7111	7111	7111	16111
COR SED./SL.	0	C	C	C	I	C	C	A	C	A
HORIZ. SELO										
TIPO SELO										

	DAU090 FS0201	DAU091 ES0203	DAU092 ES0204	DAU093 ES0205	DAU094 ES0206	DAU095 ES0207	DAU096 ES0208	DAU097 ES0209	DAU098 ES0210	DAU099 ES0211
SEDIMENTOS DE CORRENTE										
NUM. LAB. NUM. CAMPO AMB. BICTICO										
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	6,2.	5,5	6,5	6,5	5,3	6,5	6,5			
METAL TOTAL										
CONDIF. LIVRE	6 10	6 10	6 10	6 11	6 10	6 10	6 10	4 10	4 10	4 10
PARAMETROS ANALITICOS										
FE-S %	3,000	1,000	2,000	0,200	5,000	1,500	5,000	1,500	0,700	5,000
MG-S %	0,300	0,070	0,070	0,050	0,200	0,030	0,300	0,050	0,050	0,100
CA-S %	0,050	0,150	0,200	-0,050	0,100	0,050	0,500	0,050	0,050	0,050
TI-S %	1,000	+1,000	+1,000	0,300	+1,000	+1,000	+1,000	+1,000	1,000	+1,000
MN-S	200,000	150,000	200,000	10,000	300,000	1000,000	700,000	300,000	100,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	200,000	20,000	50,000	70,000	50,000	20,000	20,000	10,000	20,000	50,000
BA-S	100,000	100,000	300,000	150,000	200,000	50,000	100,000	100,000	100,000	150,000
BE-S	2,000	-1,000	-1,000	NAO DET.	1,000	-1,000	-1,000	-1,000	-1,000	NAO DET.
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	20,000	5,000	10,000	NAO DET.	50,000	10,000	20,000	7,000	5,000	20,000
CP-S	70,000	20,000	30,000	10,000	100,000	20,000	70,000	30,000	20,000	150,000
CU-S	50,000	7,000	10,000	5,000	70,000	5,000	20,000	10,000	5,000	10,000
LA-S	50,000	NAO DET.	NAO DET.	NAO DET.	50,000	20,000	-20,000	NAO DET.	NAO DET.	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	-5,000	NAO DET.	-5,000	-5,000	NAO DET.
VB-S	10,000	10,000	10,000	15,000	15,000	20,000	10,000	10,000	10,000	30,000
VI-S	70,000	10,000	15,000	NAO DET.	50,000	5,000	50,000	15,000	5,000	20,000
PR-S	10,000	-10,000	-10,000	-10,000	15,000	10,000	-10,000	10,000	10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	5,000	10,000	NAO DET.	20,000	10,000	10,000	10,000	NAO DET.	INTERFER.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	100,000	150,000	20,000	200,000	50,000	300,000	200,000	70,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	20,000	30,000	20,000	70,000	50,000	20,000	20,000	20,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	700,000	1000,000	+1000,000	+1000,000	1000,000	+1000,000	500,000	500,000	+1000,000	+1000,000
CU-AA	25,000	4,000	11,000	4,000	35,000	-3,000	12,000	8,000	-3,000	3,000
PR-AA	8,000	-3,000	3,000	3,000	17,000	11,000	-3,000	-3,000	-3,000	17,000
ZN-AA	30,000	7,000	12,000	3,000	35,000	3,000	27,000	8,000	4,000	7,000
AG-AA										
CO-AA										
TI-AA										
BI-AA										
CD-AA										
TF-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU100	DAU101	DAU102	DAU103	DAU104	DAU105	DAU106	DAU107	DAU108	DAU109
NUM. CAMPO	ES0212	ES0213	ES0214	ES0215	ES0216	ES0217	ES0218	ES0219	ES0220	ES0221
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
EASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	2	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0522	0500	0502	0514	0461	0462	0432	0389	0382	0386
ORDENADA - Y	0238	0555	0536	0494	0325	0322	0338	0373	0372	0390
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLCG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	CACL	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	A	A	A	A	A	B	B	B	A
SIT. TOPOG.										
SIT. AMOST.	A	C	A	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTFMP.										
TIPO ALFMP.										
TIPO MINER.										
DEP. CCCFR.										
LARGURA RIO	3	4	2	4	4	3	4	5	3	4
PROFUND. RIO	1,0	0,4	0,5	0,5	0,3	0,3	0,3	0,4	0,2	0,4
VELOC. CORR.	0	3	0	3	3	3	3	3	3	3
NIVEL AGUA	0	1	0	1	1	1	1	1	1	1
AREA OPENAG.	1	1	1	2	1	1	1	1	1	1
TURB. AGUA	0	1	0	1	1	1	1	1	1	1
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA		A	A	A	A	A	F	A	I	I
GRAU APPED.	C	B	C	B	B	B	A	B	B	B
VEL. CRICIN.										
PESO CONC.										
GRANULOMET.	BG	BG	BG	PG	BG	BG	AB	BG	BG	BG
TEXT. SEDIM.	7111	16111	7111	16111	7111	16111	61111	7111	7111	7111
COR. SED./SL.	F	C	F	C	C	F	C	A	I	C
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU101 FS0212	DAU101 ES0213	DAU102 ES0214	DAU103 ES0215	DAU104 ES0216	DAU105 ES0217	DAU106 ES0218	DAU107 ES0219	DAU108 ES0220	DAU109 ES0221
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH		5,5		5,3	5,4	5,0	5,5	5,3	5,5	5,3
METAL TOTAL CODIF. LIVRE	4 10	6 10	6 10	6 10	6 10	6 10	4 10	5 10	5 10	5 10
PARAMETROS ANALITICOS										
FE-S %	2,000	1,500	0,700	1,500	2,000	2,000	7,000	3,000	5,000	2,000
MG-S %	0,070	0,100	0,070	0,020	0,200	0,200	1,000	0,070	0,150	0,100
CA-S %	-0,050	0,500	0,100	0,050	0,200	0,050	2,000	0,050	0,050	0,050
TI-S %	+1,000	+1,000	0,500	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	1,000
MN-S	500,000	500,000	50,000	700,000	200,000	150,000	1000,000	500,000	700,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	10,000	20,000	10,000	50,000	200,000	50,000	30,000	70,000	50,000
BA-S	100,000	150,000	150,000	150,000	200,000	300,000	300,000	200,000	300,000	500,000
BF-S	NAO DET.	-1,000	-1,000	-1,000	1,000	-1,000	1,000	-1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	5,000	5,000	5,000	10,000	7,000	50,000	20,000	30,000	20,000
CR-S	70,000	50,000	20,000	20,000	30,000	70,000	70,000	30,000	70,000	50,000
CU-S	5,000	5,000	7,000	5,000	30,000	20,000	150,000	50,000	50,000	20,000
LA-S	20,000	50,000	NAO DET.	200,000	100,000	100,000	50,000	20,000	70,000	70,000
MO-S	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	-5,000
NB-S	15,000	30,000	-10,000	70,000	15,000	15,000	10,000	10,000	10,000	15,000
NI-S	15,000	10,000	10,000	5,000	20,000	20,000	100,000	15,000	30,000	15,000
NT-S	NAO DET.	-10,000	-10,000	10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	INTERFER.	INTERFER.	5,000	10,000	10,000	15,000	30,000	10,000	15,000	10,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.
V-S	150,000	100,000	50,000	50,000	150,000	150,000	300,000	200,000	200,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	20,000	20,000	70,000	50,000	50,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	200,000	+1000,000	+1000,000	1000,000
CU-AA	-3,000	4,000	5,000	-3,000	18,000	10,000	60,000	14,000	18,000	9,000
PB-AA	-3,000	4,000	5,000	9,000	NAO DET.	-3,000	-3,000	NAO DET.	4,000	8,000
ZN-AA	3,000	8,000	14,000	7,000	10,000	9,000	40,000	10,000	25,000	24,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CD-AA										
FE-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU110	DAU111	DAU112	DAU113	DAU114	DAU115	DAU116	DAU117	DAU118	DAU119
NUM. CAMPO	ES0222	ES0223	ES0224	ES0227	ES0228	ES0230	ES0231	ES0232	ES0233	ES0234
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVINCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 07 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0497	0498	0491	0512	0486	0463	0465	0357	0360	0390
ORDENADA - Y	0391	0356	0357	0322	0314	0365	0367	0341	0340	0345
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	AREA	ARGL	AREA	AREA	ARGL	AREA	AREA	AREA	AREA	DCCL
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	A	A	F	B	A	A	C	C	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ FEED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	7	3	5	6	3	2	3	2	3	6
PROFUND. RIO	0,8	0,5	0,6	0,4	0,2	0,2	0,2	0,1	0,2	0,3
VELOC. CORR.	3	1	3	3	1	2	3	1	2	3
NIVEL AGUA	1	1	1	1	1	1	1	1	1	1
AREA DRENAG.	3	1	1	2	1	1	1	1	1	1
TURB. AGUA	1	1	1	1	1	1	1	1	1	1
POS. COIFTA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A	I	I	A	A	A	A	A	A	A
GRAU ABPEC.	C	D	C	B	D	B	C	C	C	A
VOL. PRICIN.										
PESO CONC.										
GRANULOMET.	BG	CM	BG	BG	CM	BG	BG	BG	DG	AB
TEXT. SEDIM.	7111	1261	6211	7111	1351	16111	7111	5221	6211	52111
COR SEC./SI.	C	D	C	F	D	A	F	C	C	C
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU110 FS0222	DAU111 ES0223	DAU112 ES0224	DAU113 FS0227	DAU114 ES0228	DAU115 ES0230	DAU116 ES0231	DAU117 ES0232	DAU118 ES0233	DAU119 ES0234
PARAMETROS ANALITICOS DE CAMPO										
EM CIVLT										
PH	5,3	5,6	5,3	5,5	5,0	5,7	5,3	5,5	5,7	5,3
METAL TOTAL										
COEF. LIVRE	6 10	6 10	6 10	6 10	6 10	6 10	6 10	3 10	3 10	3 10
PARAMETROS ANALITICOS										
FE-S %	1,000	5,000	0,700	2,000	2,000	1,500	0,700	0,700	5,000	5,000
MG-S %	0,050	0,500	0,050	0,150	0,200	0,200	0,100	0,050	0,200	0,300
CA-S %	0,070	0,700	0,050	0,100	0,100	0,070	0,050	-0,050	0,050	-0,050
TI-S %	+1,000	+1,000	0,500	1,000	1,000	0,500	1,000	0,500	1,000	1,000
MN-S	300,000	2000,000	100,000	300,000	100,000	200,000	150,000	50,000	300,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	10,000	20,000	70,000	100,000	50,000	200,000	20,000	70,000	100,000
BA-S	200,000	200,000	100,000	300,000	500,000	500,000	300,000	150,000	500,000	700,000
BF-S	-1,000	NAO DET.	-1,000	1,000	2,000	-1,000	-1,000	-1,000	1,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CR-S	10,000	50,000	5,000	50,000	15,000	10,000	5,000	5,000	50,000	20,000
CU-S	20,000	70,000	30,000	50,000	70,000	50,000	70,000	20,000	70,000	150,000
LA-S	5,000	100,000	7,000	10,000	50,000	20,000	10,000	10,000	50,000	50,000
LI-S	20,000	20,000	NAO DET.	50,000	70,000	NAO DET.	20,000	NAO DET.	150,000	70,000
MO-S	-5,000	NAO DET.	-5,000	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000
NI-S	10,000	10,000	10,000	15,000	10,000	15,000	15,000	-10,000	15,000	15,000
NT-S	10,000	50,000	20,000	20,000	50,000	20,000	10,000	7,000	70,000	70,000
PB-S	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	-5,000	20,000	NAO DET.	10,000	20,000	5,000	NAO DET.	NAO DET.	15,000	20,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000
V-S	100,000	500,000	50,000	100,000	200,000	50,000	50,000	50,000	100,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	15,000	30,000	50,000	20,000	30,000	20,000	70,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	200,000	+1000,000	700,000	700,000	+1000,000	+1000,000	1000,000	+1000,000	500,000
CU-AA	4,000	35,000	3,000	11,000	30,000	6,000	-3,000	5,000	13,000	19,000
PB-AA	-3,000	3,000	-3,000	5,000	8,000	4,000	4,000	3,000	8,000	3,000
ZN-AA	6,000	30,000	4,000	20,000	25,000	12,000	6,000	6,000	35,000	14,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CU-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU120	DAU121	DAU122	DAU123	DAU124	DAU125	DAU126	DAU127	DAU128	DAU129
NUM. CAMPO	ES0235	ES0236	ES0237	ES0238	ES0239	ES0240	ES0241	ES0242	ES0243	ES0244
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0344	0324	0327	0303	0286	0286	0269	0257	0239	0239
ORDENADA - Y	0361	0355	0358	0351	0344	0344	0337	0332	0338	0344
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	ARGL	ARGL	AREA	ARGL	AREA	AREA	AREA	CSCCL	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	A	A	A	A	A	A	A	A	A	A
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO FINER.										
DEP. CCCOR.										
LARGURA RIO	3	2	1	3	2	2	3	2	2	15
PROFUND. RIO	0,5	0,1	0,1	0,2	0,1	0,1	0,1	0,1	0,2	1,0
VELOC. CERR.	2	1	1	2	1	1	1	1	1	3
NIVEL AGUA	1	1	1	1	1	1	1	1	1	1
AREA DFENAG.	1	1	1	1	1	1	1	1	1	1
YUPB. AGUA	1	1	1	1	1	1	1	1	1	1
FQS. COLETA	C	C	C	C	C	C	C	C	C	C
CON. AGUA	A	A	A	A	A	A	A	A	A	A
GRAU ABPED.	D	D	B	D	C	C	B	B	B	C
VOL. CRISTAL.										
PESO LIT.										
GRANULOMET.	CM	CM	UG	CM	BG	BG	BF	AB	BF	CG
TEXT. SEDIM.	2251	1351	16111	1351	5221	5221	16111	43111	25111	7111
CON. SEC./SL.	E	E	D	C	I	I	C	C	C	F
HORIZ. SOLO										
TIPO SOLO										

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO AMB. BIOTICO	DAU120 ES0235	DAU121 ES0236	DAU122 ES0237	DAU123 ES0238	DAU124 ES0239	DAU125 ES0240	DAU126 ES0241	DAU127 ES0242	DAU128 ES0243	DAU129 ES0244
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
OH	6,5	6,2	5,9	6,5	6,2	6,2	6,3	6,5	5,9	6,5
METAL TOTAL										
CODIF. LIVRE	3 10	3 10	3 10	3 10	3 10	3 11	3 10	3 10	4 10	4 10
PARAMETROS ANALITICOS										
FE-S %	5,000	3,000	10,000	10,000	5,000	5,000	3,000	3,000	3,000	10,000
MG-S %	0,200	0,300	1,500	0,500	0,500	0,300	0,150	0,150	0,100	0,130
CA-S %	0,100	0,100	2,000	0,200	0,300	0,300	0,200	0,200	0,100	0,100
TI-S %	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000	+1,000
ZN-S	700,000	200,000	2000,000	500,000	500,000	500,000	2000,000	2000,000	500,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	10,000	50,000	50,000	50,000	100,000	70,000	50,000	20,000
BA-S	300,000	500,000	300,000	500,000	300,000	300,000	200,000	150,000	150,000	100,000
BE-S	-1,000	2,000	NAO DET.	1,000	1,000	-1,000	-1,000	-1,000	-1,000	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	30,000	100,000	100,000	50,000	50,000	30,000	30,000	30,000	50,000
CR-S	70,000	100,000	50,000	200,000	150,000	100,000	50,000	70,000	70,000	200,000
CU-S	50,000	70,000	150,000	100,000	70,000	70,000	30,000	30,000	30,000	7,000
LA-S	50,000	100,000	-20,000	100,000	100,000	50,000	30,000	30,000	50,000	20,000
MO-S	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	15,000	15,000	15,000	15,000	10,000	10,000	-10,000
NI-S	50,000	70,000	100,000	100,000	70,000	70,000	50,000	50,000	50,000	50,000
PR-S	-10,000	20,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	30,000	30,000	20,000	20,000	10,000	10,000	10,000	20,000
SN-S	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	200,000	500,000	300,000	300,000	200,000	200,000	200,000	200,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	70,000	30,000	70,000	70,000	70,000	70,000	100,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	INTERFER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	50,000	200,000	500,000	500,000	700,000	1000,000	1000,000	200,000
CU-AA	24,000	40,000	100,000	50,000	35,000	29,000	14,000	16,000	18,000	9,000
PR-AA	4,000	20,000	6,000	4,000	4,000	4,000	4,000	3,000	-3,000	5,000
ZN-AA	13,000	82,000	50,000	28,000	40,000	30,000	20,000	20,000	13,000	11,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CO-AA										
TF-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU130	DAU131	DAU132	DAU133	DAU134	DAU135	DAU136	DAU137	DAU138	DAU139
NUM. CAMPO	FS0246	ES0247	ES0248	ES0249	ES0252	ES0253	ES0254	ES0255	ES0256	ES0257
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 07 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0315	0342	0351	0334	0204	0200	0227	0227	0243	0248
ORDENADA - Y	0377	0425	0401	0403	0395	0398	0420	0420	0445	0457
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
TO. GEOLG.										
MAT. COLET.	AREA	ARGL	AREA	APGL	SILT	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	B	C	B	B	C	C	B	B
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	A	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOR.										
LARGURA RIO	4	2	5	3	2	5	3	3	3	7
PROFUND. RIO	0,2	0,6	0,5	0,5	0,8	0,2	0,2	0,2	0,1	0,4
VELOC. CORR.	0	0	3	0	0	2	2	2	1	3
NIVEL AGUA	1	0	1	0	0	1	1	1	1	1
AREA DRENAG.	1	1	2	1	1	2	1	1	1	1
TURB. AGUA	0	0	1	0	0	1	1	1	1	1
PDS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A		1			A	A	A	A	A
GRAU APROF.	C	D	C	D	D	C	B	B	C	C
VOL. DILUIN.										
PESO CONC.										
GRANULOMET.	BG	CM	CM	CM	DM	BG	BF	BF	BG	CG
TEXT. SEDIM.	7111	1351	5221	1351	1531	6211	16111	16111	6211	7111
COR SED./SL.	C	D	C	D	D	C	C	C	F	F
HORIZ. SED.										
TIPO SILL										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU130 FS0246	DAU131 ES0247	DAU132 ESC248	DAU133 ES0249	DAU134 ES0252	DAU135 ES0253	DAU136 ES0254	DAU137 ES0255	DAU138 ES0256	DAU139 ES0257
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH			5,4			5,3	5,5	5,5	5,2	5,5
METAL TOTAL										
COEF. LIVRE	4 10	4 10	4 10	4 10	4 10	4 10	4 10	4 10	4 10	4 10
PARAMETROS ANALITICOS										
FE-S %	1,000	5,000	1,500	1,500	1,500	0,500	5,000	5,000	0,700	1,000
MG-S %	0,050	0,300	0,070	0,100	0,100	0,050	0,200	0,200	0,050	0,070
CA-S %	-0,050	0,100	0,050	0,050	0,070	0,050	0,050	-0,050	0,050	0,100
TI-S %	+1,000	+1,000	+1,000	+1,000	1,000	0,300	0,700	0,700	0,500	0,500
MN-S	200,000	500,000	200,000	300,000	50,000	100,000	700,000	100,000	50,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
R-S	50,000	100,000	50,000	50,000	70,000	50,000	100,000	100,000	70,000	70,000
BA-S	150,000	300,000	150,000	200,000	300,000	150,000	500,000	300,000	150,000	200,000
BE-S	-1,000	1,500	-1,000	1,000	1,000	-1,000	2,000	2,000	NAO DET.	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	50,000	10,000	30,000	10,000	5,000	150,000	150,000	5,000	7,000
CR-S	50,000	100,000	30,000	70,000	50,000	30,000	70,000	70,000	20,000	20,000
CU-S	5,000	100,000	5,000	70,000	30,000	-5,000	30,000	30,000	5,000	5,000
LA-S	20,000	50,000	NAO DET.	30,000	70,000	NAO DET.	100,000	70,000	30,000	30,000
MO-S	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	NAO DET.
NB-S	10,000	15,000	10,000	10,000	10,000	-10,000	15,000	15,000	10,000	-10,000
NI-S	10,000	100,000	10,000	50,000	20,000	7,000	70,000	70,000	10,000	10,000
PB-S	-10,000	10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	30,000	5,000	20,000	5,000	NAO DET.	15,000	15,000	NAO DET.	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	300,000	100,000	200,000	100,000	30,000	100,000	100,000	30,000	30,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	70,000	30,000	50,000	50,000	20,000	70,000	50,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	500,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000	+1000,000
CU-AA	6,000	60,000	7,000	28,000	10,000	-3,000	21,000	22,000	4,000	8,000
PD-AA	3,000	14,000	-3,000	8,000	4,000	-3,000	-3,000	-3,000	-3,000	6,000
ZN-AA	4,000	55,000	5,000	18,000	9,000	-3,000	16,000	17,000	6,000	15,000
AG-AA										
CO-AA										
NI-AA										
PT-AA										
CD-AA										
TE-AA										
AI-AA										
NA-AA										
K-AA										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 448

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAU130 ES0246	DAU131 ES0247	DAU132 ES0248	DAU133 ES0249	DAU134 ES0252	DAU135 ES0253	DAU136 ES0254	DAU137 ES0255	DAU138 ES0256	DAU139 ES0257
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MI-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-2,000	-2,000	-2,000	-2,000
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU140	DAU141	DAU142	DAU143	DAU144	DAU145	DAU146	DAU147	DAU148	DAU149
NUM. CAMPO	ES0258	ES0259	ES0260	ES0261	ES0262	ES0263	ES0265	ES0266	ES0267	ES0268
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0237	0243	0264	0180	0163	0170	0191	0167	0162	0158
ORDENADA - Y	0468	0492	0490	0387	0395	0405	0506	0478	0459	0450
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. CECLOG.										
MAT. COLET.	AREA	AREA	AREA	AREA	ARGL	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	C	C	C	B	C	B	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO	2	5	6	3	3	4	4	4	2	5
PROFUND. RIO	0,1	0,4	0,3	0,2	1,0	0,2	0,3	0,2	0,1	0,3
VELOC. CORR.	1	0	3	3	0	3	3	3	1	3
NIVEL AGUA	1	0	1	1	0	1	1	1	1	1
AREA CHENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	1	0	1	1	0	1	1	1	1	1
POS. COLTA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A		A	A		A	A	A	A	A
GRAU AEROP.	B	B	C	C	D	C	B	C	C	B
VOL. ORIGIN.										
PESO CONC.										
GRANULIMET.	BG	BG	BG	BG	CM	BG	BG	BG	BG	BG
TEXT. SEDIM.	7111	7111	7111	7111	1351	7111	7111	7111	7111	25111
COR SED./SL.	A	C	C	A	D	F	C	F	C	C
HORIZ. SELD										
TIPO SELD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOCICO	DAU140 ES0258	DAU141 ES0259	DAU142 ES0260	DAU143 ES0261	DAU144 ES0262	DAU145 ES0263	DAU146 ES0265	DAU147 ES0266	DAU148 ES0267	DAU149 ES0268
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PARAMETROS ANALITICOS DE CAMPO:

EM CVOLT										
PH	5,3		5,3	5,4		5,7	5,7	5,3	5,3	5,5
METAL TOTAL										
CONTE. LIVRE	4 10	4 10	4 10	4 10	4 10	4 10	3910	3910	3910	3910

PARAMETROS ANALITICOS

FF-S	0,700	10,000	2,000	0,200	2,000	0,500	5,000	5,000	1,500	5,000
MG-S	0,050	0,200	0,100	0,050	0,150	0,030	0,300	0,150	0,100	0,100
CA-S	0,050	0,070	0,100	0,050	0,070	0,050	0,500	0,200	0,100	0,100
TI-S	0,200	0,700	0,700	0,200	1,000	0,200	+1,000	+1,000	+1,000	+1,000
MN-S	100,000	5000,000	300,000	50,000	150,000	100,000	700,000	700,000	300,000	500,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	70,000	70,000	70,000	50,000	50,000	30,000	70,000	20,000
BA-S	150,000	700,000	200,000	150,000	300,000	100,000	300,000	200,000	100,000	150,000
BE-S	NAO DET.	2,000	1,000	NAO DET.	1,000	NAO DET.	-1,000	-1,000	-1,000	-1,000
BF-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	70,000	20,000	5,000	20,000	5,000	50,000	50,000	20,000	20,000
CR-S	20,000	70,000	30,000	15,000	70,000	15,000	70,000	70,000	50,000	50,000
CU-S	5,000	30,000	10,000	-5,000	30,000	-5,000	50,000	30,000	10,000	10,000
UR-S	NAO DET.	100,000	100,000	50,000	50,000	NAO DET.	50,000	50,000	50,000	50,000
VC-S	NAO DET.	NAO DET.	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000	-5,000
VB-S	-10,000	10,000	-10,000	-10,000	10,000	-10,000	15,000	15,000	10,000	15,000
VT-S	5,000	70,000	50,000	NAO DET.	50,000	5,000	50,000	30,000	15,000	15,000
PH-S	NAO DET.	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	20,000	5,000	NAO DET.	15,000	NAO DET.	20,000	15,000	5,000	20,000
SN-S	NAO DET.	10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
V-S	30,000	100,000	50,000	20,000	150,000	30,000	300,000	200,000	150,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	70,000	50,000	20,000	50,000	20,000	50,000	30,000	50,000	30,000
ZM-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	1000,000	+1000,000	+1000,000	500,000	1000,000	700,000	700,000	+1000,000	+1000,000
CU-AA	3,000	18,000	8,000	-3,000	20,000	-3,000	30,000	21,000	8,000	10,000
PB-AA	-3,000	-3,000	-3,000	NAO DET.	4,000	NAO DET.	3,000	3,000	-3,000	-3,000
ZM-AA	4,000	26,000	12,000	4,000	20,000	3,000	28,000	20,000	9,000	8,000
AG-AA										
CO-AA										
NP-AA										
BR-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA										
K-AA										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU150	DAU151	DAU152	DAU153	DAU154	DAU155	DAU156	DAU157	DAU158	DAU159
NUM. CAMPO	ES0269	ES0270	ES0272	ES0274	ES0275	ES0276	ES0278	ES0280	ES0281	ES0282
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
PASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0158	0140	0144	0197	0209	0209	0080	0096	0095	0095
ORDENADA - Y	0507	0435	0441	0430	0361	0361	0414	0410	0407	0407
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	G	G	G	G	G	G	G	G
TO. GEOLG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	B	B	A	A	A	A	C	C	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEF. CCCOR.										
LARGURA RIO	6	20	6	3	4	4	18	3	5	5
PROFUND. RIO	2,0	1,0	0,3	0,2	0,2	0,2	0,8	0,2	0,3	0,3
VELOC. CORR.	0	3	2	1	3	3	3	2	3	3
NIVEL AGUA	0	1	1	1	1	1	1	1	1	1
AREA DEFNAG.	1	4	2	1	1	1	4	1	2	2
TURB. AGUA	0	2	1	1	1	1	1	1	1	1
PUS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA	A	A	A	A	A	A	A	A	A	A
GRAU APRED.	B	B	B	D	B	B	B	C	C	C
VOL. BRICIN.										
PESO CONC.										
GRANULOMET.	BG	BF	BF	CM	BG	BG	BF	BG	BG	BG
TEXT. SEDIM.	7111	25111	25111	5221	7111	7111	25111	7111	7111	7111
COR SED./SI.	C	C	C	E	C	C	C	F	C	C
HORIZ. SCLC										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU150 ES0269	DAU151 ES0270	DAU152 ES0272	DAU153 ES0274	DAU154 ES0275	DAU155 ES0276	DAU156 ES0278	DAU157 ES0280	DAU158 ES0281	DAU159 ES0282
PARAMETROS ANALITICOS DE CAMPO										
EH CVLTY										
PH		5,6	5,7	5,7	5,0	5,0	5,3	5,3	5,3	5,3
METAL TOTAL										
CODIF. LIVRE	3910	3910	3910	4 10	4 10	4 11	3910	3 10	3 10	3 10
PARAMETROS ANALITICOS										
FF-S %	3,000	5,000	5,000	1,000	0,500	0,500	5,000	1,500	INSUFIC.	5,000
MG-S %	0,100	0,500	0,070	0,100	0,050	0,050	0,200	0,100	INSUFIC.	0,100
CA-S %	0,150	0,070	0,070	0,300	-0,050	-0,050	0,200	0,050	INSUFIC.	0,070
TI-S %	+1,000	1,000	+1,000	0,500	0,500	0,300	+1,000	0,700	INSUFIC.	0,500
MN-S	500,000	500,000	700,000	200,000	20,000	20,000	2000,000	50,000	INSUFIC.	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
R-S	20,000	50,000	30,000	50,000	150,000	150,000	50,000	70,000	INSUFIC.	50,000
BA-S	100,000	500,000	150,000	200,000	150,000	150,000	500,000	300,000	INSUFIC.	200,000
BE-S	NAO DET.	1,000	-1,000	-1,000	NAO DET.	NAO DET.	-1,000	1,000	INSUFIC.	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
CO-S	20,000	30,000	20,000	7,000	5,000	5,000	30,000	10,000	INSUFIC.	50,000
CR-S	20,000	70,000	50,000	20,000	70,000	20,000	50,000	50,000	INSUFIC.	70,000
CU-S	5,000	20,000	30,000	7,000	-5,000	-5,000	20,000	20,000	INSUFIC.	7,000
LA-S	50,000	100,000	50,000	30,000	30,000	50,000	70,000	50,000	INSUFIC.	30,000
MO-S	-5,000	NAO DET.	-5,000	-5,000	-5,000	-5,000	NAO DET.	-5,000	INSUFIC.	NAO DET.
NB-S	15,000	15,000	15,000	10,000	-10,000	-10,000	10,000	10,000	INSUFIC.	-10,000
NI-S	10,000	50,000	50,000	15,000	7,000	5,000	30,000	20,000	INSUFIC.	50,000
PT-S	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.	INSUFIC.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
SC-S	20,000	20,000	20,000	5,000	NAO DET.	NAO DET.	15,000	-5,000	INSUFIC.	5,000
SN-S	NAO DET.	50,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
V-S	200,000	100,000	300,000	50,000	20,000	20,000	300,000	50,000	INSUFIC.	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
Y-S	30,000	70,000	30,000	30,000	20,000	20,000	50,000	30,000	INSUFIC.	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	INSUFIC.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	+1000,000	INSUFIC.	+1000,000
CU-AA	10,000	12,000	25,000	7,000	-3,000	3,000	14,000	6,000	14,000	10,000
PB-AA	-3,000	-3,000	3,000	-3,000	-3,000	-3,000	-3,000	-3,000	-3,000	4,000
ZN-AA	10,000	35,000	16,000	8,000	4,000	4,000	24,000	7,000	28,000	21,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
VA-AA										
LA-AA										

CPRM CADASTRO GEOQUIMICO

06.09.78

FLA. 454

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO	DAU150 ES0269	DAU151 ES0270	DAU152 ES0272	DAU153 ES0274	DAU154 ES0275	DAU155 ES0276	DAU156 ES0278	DAU157 ES0280	DAU158 ES0281	DAU159 ES0282
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-CCL	-10,000	10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	INSUFIC.	INSUFIC.

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU160	DAU161	DAU162	DAU163	DAU164	DAU165	DAU166	DAU167	DAU168	DAU169
NUM. CAMPO	FS0283	ES0284	ES0285	FS0286	ES0287	ES0288	ES0290	ES0291	ES0293	ES0294
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	33
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0108	0109	0122	0110	0127	0058	0037	0026	0005	0018
ORDENADA - Y	0450	0374	0467	0496	0527	0405	0404	0420	0444	0458
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLET.	AREA	AREA	ARGL	AREA	AREA	AREA	AREA	AREA	ARGL	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	B	A	B	B	B	B	C	A	A	B
SIT. TOPOG.										
SIT. AMOST.	C	C	A	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCRR.										
LARGURA RIO	4	3	3	6	6	4	3	6	5	4
PROFUND. RIO	0,2	0,2	0,6	0,4	0,5	0,6	0,2	0,4	0,2	0,2
VELOC. CORR.	3	2	0	3	3	3	1	3	3	3
NIVEL AGUA	1	1	0	1	1	1	1	1	1	1
AREA DEFENAG.	1	1	1	1	1	2	1	1	1	1
TURB. AGUA	1	1	0	1	1	1	1	1	1	1
POS. CCIETA	C	C	C	C	C	C	C	C	C	C
COP. AGUA	A	A	A	A	A	A	A	A	A	A
GRAU ARRED.	B	B	D	B	A	C	B	C	D	B
VOL. ORIGIN.										
PESO CENC.										
GRANULOMET.	III	III	III	III	III	III	III	III	III	III
TEXT. SEDIM.	16111	7111	1351	25111	34111	7111	16111	7111	1351	7111
COR. SED./SL.	C	C	I	C	C	F	D	D	D	F
HORIZ. SELO										
TIPO SCLC										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SEDIMENTOS DE CORRENTE

NUM. LAR. NUM. CAMPO AMB. BIOTICO	DAU160 ES0283	DAU161 ES0284	DAU162 ES0285	DAU163 ES0286	DAU164 ES0287	DAU165 ES0288	DAU166 ES0290	DAU167 ES0291	DAU168 ES0293	DAU169 ES0294
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,4	5,3		5,7	5,9	5,7	6,5	5,9	6,8	5,7
METAL TOTAL CODIF. LIVRE	3 10	3 10	3 10	3 10	3910	3910	3910	3910	3910	3 10
PARAMETROS ANALITICOS										
FE-S %	5,000	5,000	10,000	10,000	15,000	1,000	3,000	3,000	2,000	5,000
MG-S %	0,100	0,100	1,500	0,700	1,500	0,050	0,200	0,300	0,150	1,000
CA-S %	0,200	0,070	3,000	1,000	3,000	0,050	0,200	0,500	0,100	2,000
TI-S %	+1,000	0,500	1,000	+1,000	1,000	1,000	1,000	+1,000	+1,000	+1,000
MN-S	1500,000	200,000	2000,000	2000,000	1000,000	150,000	500,000	1000,000	500,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	70,000	-10,000	10,000	-10,000	50,000	50,000	10,000	20,000	15,000
BA-S	150,000	500,000	300,000	200,000	200,000	100,000	300,000	100,000	150,000	200,000
BF-S	NAO DET.	1,000	-1,000	NAO DET.	-1,000	-1,000	-1,000	NAO DET.	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	20,000	70,000	50,000	70,000	5,000	50,000	20,000	20,000	50,000
CR-S	15,000	70,000	20,000	50,000	50,000	15,000	50,000	20,000	70,000	30,000
CU-S	30,000	7,000	200,000	50,000	200,000	5,000	50,000	20,000	10,000	70,000
LA-S	NAO DET.	50,000	-20,000	20,000	20,000	20,000	20,000	20,000	100,000	20,000
MO-S	-5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-5,000	NAO DET.
NO-S	10,000	10,000	-10,000	10,000	-10,000	10,000	10,000	10,000	15,000	-10,000
NI-S	20,000	50,000	70,000	50,000	100,000	7,000	50,000	20,000	20,000	70,000
PB-S	NAO DET.	-10,000	-10,000	-10,000	-10,000	NAO DET.	-10,000	-10,000	-10,000	-10,000
PR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	10,000	20,000	10,000	50,000	5,000	10,000	10,000	15,000	20,000
SN-S	NAO DET.	NAO DET.	10,000	-10,000	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	300,000	-100,000	200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000
V-S	500,000	100,000	300,000	500,000	200,000	100,000	300,000	200,000	200,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	30,000	30,000	30,000	30,000	30,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	+1000,000	100,000	1000,000	100,000	1000,000	1000,000	700,000	+1000,000	+1000,000
CH-AA	30,000	10,000	120,000	40,000	120,000	4,000	28,000	20,000	11,000	50,000
PB-AA	4,000	4,000	3,000	3,000	4,000	-3,000	4,000	-3,000	-3,000	4,000
ZN-AA	23,000	30,000	50,000	35,000	70,000	4,000	16,000	19,000	8,000	30,000
AG-AA										
CO-AA										
NI-AA										
BI-AA										
CD-AA										
TE-AA										
AU-AA										
NA-AA 2										
K-AA 2										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU170	DAU171	DAU172	DAU173	DAU174	DAU175	DAU176	DAU177	DAU178	DAU179
NUM. CAMPO	ES0295	ES0296	ES0297	ES0298	ES0299	ES0300	ES0301	ES0302	ES0303	ES0304
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROVENIENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.	4	4	4	4	4	4	4	4	4	4
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0014	0041	0039	0046	0050	0040	0054	0118	0126	0077
ORDENADA - Y	0428	0552	0554	0518	0520	0530	0461	0368	0367	0354
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	ARGL	CSCL	CSCL	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	A	C	C	C	C	C	B	B	B	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	A	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOP.										
LARGURA RIO	3	3	4	6	4	4	5	1	2	4
PROFUND. RIO	0,3	0,2	0,3	0,2	0,2	0,8	0,2	0,1	0,1	0,2
VFLUC. CORR.	2	0	0	1	1	0	3	1	1	3
NIVEL AGUA	1	1	1	1	1	0	1	1	1	1
AREA DEFENAG.	1	1	1	1	1	1	1	1	1	1
TURB. AGUA	1	0	0	1	1	0	1	1	1	1
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A	A	A	A	A	A	A	A	A	A
GRAU ABREC.	B	A	A	B	A	B	B	B	B	C
VOL. COLETA										
PESO COLETA										
GRANULOMET.	CM	AM	AM	MG	BF	BF	DE	DF	DF	DE
TEXT. SEDIM.	1351	43111	43111	7111	25111	16111	25111	16111	16111	7111
COR SEC./SL.	I	I	I	C	C	I	C	C	C	F
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU170 ES0295	DAU171 ES0296	DAU172 ES0297	DAU173 ES0298	DAU174 ES0299	DAU175 ES0300	DAU176 ES0301	DAU177 ES0302	DAU178 ES0303	DAU179 ES0304
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,7	5,5	5,9	5,9	5,8		6,2	5,3	5,5	5,6
METAL TOTAL										
COEF. LIVRE	5 10	3910	3910	3910	3910	3910	3910	3 10	4 10	4 10
PARAMETROS ANALITICOS										
FE-S %	1,000	10,000	10,000	15,000	5,000	5,000	5,000	2,000	2,000	3,000
MG-S %	0,050	0,200	0,500	2,000	0,200	0,200	0,200	0,150	0,200	0,070
CA-S %	0,050	0,050	0,100	2,000	0,100	0,100	0,200	-0,050	-0,050	0,070
TI-S %	+1,000	1,000	1,000	+1,000	+1,000	+1,000	+1,000	1,000	1,000	+1,000
MN-S	500,000	1000,000	700,000	1500,000	1000,000	700,000	1000,000	50,000	50,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	20,000	50,000	50,000	10,000	30,000	30,000	20,000	70,000	70,000	50,000
BA-S	50,000	300,000	500,000	300,000	300,000	200,000	200,000	500,000	500,000	200,000
BE-S	-1,000	1,500	2,000	-1,000	-1,000	-1,000	-1,000	1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	50,000	30,000	100,000	50,000	20,000	50,000	5,000	10,000	15,000
CR-S	15,000	100,000	70,000	200,000	70,000	70,000	50,000	70,000	70,000	50,000
CU-S	5,000	70,000	50,000	300,000	30,000	20,000	30,000	10,000	10,000	7,000
LA-S	NAO DET.	50,000	70,000	20,000	30,000	50,000	50,000	50,000	50,000	20,000
MO-S	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	-10,000	10,000	10,000	-10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	10,000	70,000	70,000	200,000	50,000	50,000	50,000	15,000	20,000	10,000
PN-S	-10,000	20,000	20,000	-10,000	-10,000	-10,000	-10,000	20,000	20,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	NAO DET.	20,000	20,000	30,000	10,000	15,000	10,000	10,000	10,000	5,000
SN-S	NAO DET.	10,000	10,000	10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	200,000	NAO DET.	NAO DET.	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	100,000	200,000	200,000	500,000	200,000	200,000	300,000	100,000	100,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	10,000	50,000	50,000	50,000	50,000	50,000	30,000	70,000	70,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	1000,000	500,000	200,000	200,000	1000,000	+1000,000	1000,000	1000,000	1000,000	+1000,000
CU-AA	6,000	30,000	35,000	150,000	35,000	22,000	35,000	12,000	12,000	10,000
PB-AA	-3,000	14,000	13,000	6,000	6,000	8,000	4,000	9,000	8,000	3,000
ZN-AA	7,000	40,000	55,000	80,000	35,000	35,000	27,000	9,000	8,000	9,000
AG-AA										
CO-AA										
TI-AA										
SI-AA										
CD-AA										
II-AA										
AU-AA										
VA-AA %										
K-AA %										

SEDIMENTOS DE COPRENTE

NUM. LAB.	DAU180	DAU181	DAU182	DAU183	DAU184	DAU185	DAU186	DAU187	DAU188	DAU189
NUM. CAMPO	ES0305	ES0306	ES0307	ES0308	ES0309	ES0310	ES0311	ES0313	ES0314	CFJ226
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	3B
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA-21-X
BASE CART.	4	4	4	4	4	4	4	4	4	-D-V-2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 01 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 45 00
ABCISSA - X	0077	0023	0294	0287	0445	0448	0371	0421	0388	0097
ORDENADA - Y	0354	0454	0394	0420	0261	0263	0468	0494	0476	0532
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	G	G	G	G	G	G	G	G
ID. GEOLÓG.										
MAT. COLET.	AREA	AREA	AREA	APEA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	C	C	A	C	A
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
REF. COCCO.										
LAGUNA RIO	4	3	4	3	2	2	12	4	4	2
PROFUND. RIO	0,2	0,1	0,2	0,2	0,1	0,1	1,2	1,0	0,2	1,0
VELOC. CORR.	3	0	1	1	1	1	3	0	2	
NIVEL AGUA	1	1	1	1	1	1	1	0	1	
AREA DRENAG.	1	1	1	1	1	1	2	1	1	1
TURB. AGUA	1	0	1	1	1	1	1	0	1	
POS. COIFTA	C	C	C	C	C	C	C	C	C	C
CON. AGUA	A	A	A	A	A	I	A	A	A	A
GRAU AFRED.	C		B	B	C	C	B	C	C	C
VCL. CRICIN.										
PESO CCNC.										
GRANULOMET.	BG	BG	BF	BF	BG	BG	BF	BG	BG	BG
TEXT. SEDIM.	7111	7111	16111	16111	7111	7111	16111	7111	7111	7111
COR. SED./SL.	F	F	C	C	D	D	F	D	F	F
HORIZ. SCLD										
TIPO SCLD										

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMP. BICTICO	DAU180 ES0305	DAU181 ES0306	DAU182 ES0307	DAU183 ES0308	DAU184 ES0309	DAU185 ES0310	DAU186 ES0311	DAU187 ES0313	DAU188 ES0314	DAU189 CFJ225
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,6	5,5	5,3	5,5	7,0	5,3	5,7		5,5	
METAL TOTAL CODIF. LIVRE	4 10	4 10	4 10	4 10	6 10	6 10	5 10	5 10	5 10	7E10
PARAMETROS ANALITICOS										
FE-S %	3,000	0,200	5,000	2,000	2,000	0,200	2,000	1,500	0,500	0,700
MG-S %	0,050	0,050	0,200	0,200	0,100	0,030	0,200	0,200	0,050	0,050
CA-S %	0,050	-0,050	0,050	0,050	0,050	-0,050	0,200	-0,050	-0,050	-0,050
TI-S %	+1,000	0,300	0,500	0,700	+1,000	0,300	+1,000	+1,000	1,000	0,700
MN-S	300,000	20,000	500,000	50,000	300,000	20,000	700,000	70,000	50,000	15,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	50,000	50,000	50,000	50,000	70,000	100,000	100,000	100,000	100,000
BA-S	150,000	100,000	500,000	500,000	150,000	100,000	300,000	300,000	50,000	100,000
BE-S	-1,000	NAO DET.	1,000	1,000	1,000	NAO DET.	1,000	1,000	NAO DET.	-1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	NAO DET.	20,000	5,000	10,000	NAO DET.	30,000	5,000	NAO DET.	-5,000
CR-S	20,000	10,000	50,000	30,000	20,000	15,000	70,000	70,000	30,000	50,000
CU-S	5,000	-5,000	20,000	20,000	20,000	-5,000	70,000	10,000	-5,000	15,000
LA-S	20,000	NAO DET.	70,000	50,000	20,000	NAO DET.	50,000	50,000	NAO DET.	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	-10,000	10,000	10,000	10,000	-10,000	10,000	15,000	-10,000	15,000
NI-S	10,000	NAO DET.	30,000	20,000	20,000	NAO DET.	50,000	50,000	NAO DET.	5,000
PR-S	NAO DET.	NAO DET.	10,000	NAO DET.	-10,000	NAO DET.	-10,000	-10,000	NAO DET.	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	NAO DET.	10,000	5,000	10,000	NAO DET.	20,000	15,000	NAO DET.	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-100,000
V-S	150,000	20,000	100,000	70,000	100,000	20,000	200,000	150,000	50,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	10,000	50,000	50,000	30,000	10,000	50,000	50,000	50,000	100,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	1000,000	500,000	+1000,000	700,000	+1000,000	+1000,000	+1000,000
CU-AA	7,000	-3,000	12,000	10,000	16,000	-3,000	35,000	13,000	-3,000	9,000
PR-AA	-3,000	-3,000	20,000	-3,000	5,000	-3,000	8,000	8,000	-3,000	8,000
ZN-AA	7,000	3,000	45,000	6,000	28,000	5,000	40,000	11,000	-3,000	12,000
AG-AA										
CO-AA										
VI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU190	DAU191	DAU192	DAU193	DAU194	DAU195	DAU196	DAU197	DAU198	DAU199
NUM. CAMPO	CF0228	CF0230	CF0232	CF0238	CF0241	CF0242	CF0243	CF0244	CF0245	CF0246
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-2	D-2	D-V-2	D-V-1	D-V-1	D-V-1	D-1	D-V-1	D-V-1	D-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ARCISSA - X	0137	0150	0164	0320	0326	0331	0291	0288	0360	0358
ORDENADA - Y	0544	0523	0504	0100	0086	0095	0121	0125	0125	0131
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	APEA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCOP.										
LARGURA RIO	5	8	2	4	4	4	2	2	5	2
PROFUND. RIO	3,0	3,0	2,0	2,0	2,0	2,0	1,0	1,0	3,0	2,0
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	1	2	1	2	2	2	1	1	2	1
TUBB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU APPED.										
VEI. ORIGIN.										
PESO COAC.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SED./SL.										
HORIZ. SELO										
TIPO SELO										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMD. BIOTICO	DAU190 CF0228	DAU191 CF0230	DAU192 CF0232	DAU193 CF0238	DAU194 CF0241	DAU195 CF0242	DAU196 CF0243	DAU197 CF0244	DAU198 CF0245	DAU199 CF0245
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH				4,2	5,0	5,0	5,0	5,0	5,0	5,0
METAL TOTAL										
CODIF. I IVRF	7E10	7E10	7E10	5710	5710	5710	5710	5710	5710	5710
PARAMETROS ANALITICOS										
FE-S %	0,700	1,000	0,700	0,500	0,300	7,000	1,500	2,000	7,000	0,500
MG-S %	0,030	0,030	0,070	0,070	0,030	0,150	0,150	0,330	0,100	0,030
CA-S %	-0,050	-0,050	-0,050	-0,050	0,050	0,150	-0,050	0,070	0,100	-0,050
TI-S %	0,700	1,000	0,700	0,300	0,300	+1,000	0,700	+1,000	+1,000	0,300
MN-S	30,000	70,000	20,000	30,000	20,000	1000,000	30,000	500,000	700,000	15,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	50,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	30,000
BA-S	150,000	100,000	150,000	100,000	150,000	300,000	200,000	70,000	70,000	70,000
BF-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,500	1,000	NAO DET.	NAO DET.	NAO DET.
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	-5,000	7,000	5,000	-5,000	-5,000	50,000	5,000	7,000	20,000	-5,000
CP-S	30,000	30,000	30,000	70,000	15,000	150,000	70,000	50,000	70,000	20,000
CU-S	7,000	5,000	5,000	-5,000	-5,000	100,000	15,000	20,000	30,000	-5,000
LA-S	50,000	20,000	20,000	NAO DET.	NAO DET.	70,000	50,000	20,000	30,000	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	-5,000	-5,000	-5,000	NAO DET.
NB-S	15,000	15,000	15,000	-10,000	-10,000	15,000	15,000	10,000	15,000	-10,000
NT-S	5,000	15,000	10,000	5,000	5,000	150,000	10,000	5,000	30,000	10,000
PB-S	-10,000	-10,000	15,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	15,000	5,000	7,000	7,000	30,000	10,000	10,000	15,000	NAO DET.
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SO-S	100,000	-100,000	-100,000	-100,000	-100,000	100,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	50,000	50,000	70,000	30,000	20,000	300,000	100,000	100,000	200,000	20,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	15,000	30,000	30,000	15,000	15,000	150,000	50,000	15,000	10,000	-10,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	1000,000	+1000,000	+1000,000	+1000,000	700,000
CU-AA	-3,000	-3,000	5,000	-3,000	-3,000	45,000	6,000	6,000	4,000	-3,000
PB-AA	10,000	7,000	17,000	NAO DET.	NAO DET.	13,000	4,000	-3,000	-3,000	NAO DET.
ZN-AA	4,000	7,000	12,000	-3,000	4,000	55,000	8,000	6,000	7,000	-3,000
AG-AA										
CO-AA										
VI-AA										
BT-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU200	DAU201	DAU202	DAU203	DAU204	DAU205	DAU206	DAU207	DAU208	DAU209
NUM. CAMPO	CF0250	CF0251	CF0252	CF0253	CF0255	CF0258	CF0259	CF0260	CF0261	CF0262
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	-D-V-1	D-V-1	D-V-1	D-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1	D-V-1
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABSCISSA - X	0401	0431	0435	0479	0536	0487	0550	0508	0469	0479
ORDENADA - Y	0141	0161	0158	0158	0170	0207	0235	0234	0234	0212
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. COLECC.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TEREC.										
SIT. AMOST.	C	C	A	A	C	C	C	C	A	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. FSTPUT.										
MATRIZ PREF.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COLECC.										
LAGUNA RIO	4	4	3	2	2	3	4	3	2	3
PROFUND. RIO	2,5	2,5	1,5	1,5	2,0	1,0	1,0	1,0	1,5	2,0
VELOC. CORR.										
NIVEL AGUA										
ARIA DRENAG.	2	2	1	1	1	2	1	1	1	2
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR. AGUA										
GRAU AREFC.										
VOL. COLETA										
PESO CONC.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SUC./SL.										
HORIZ. SCLD										
TIPO SCLC										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU200 CF0250	DAU201 CF0251	DAU202 CF0252	DAU203 CF0253	DAU204 CF0255	DAU205 CF0258	DAU206 CF0259	DAU207 CF0260	DAU208 CF0261	DAU209 CF0262
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,2	5,2			5,2	5,0	5,0	5,0		5,2
METAL TOTAL										
CODIF. LIVRE	4810	4810	4810	4820	3920	3900	3900	3910	4830	8600
PARAMETROS ANALITICOS										
FE-S %	10,000	5,000	3,000	5,000	5,000	20,000	15,000	1,500	3,000	1,500
MG-S %	0,150	0,150	0,070	0,070	0,150	0,700	0,150	0,030	0,070	0,030
CA-S %	0,200	0,200	0,070	-0,050	0,070	1,500	0,070	-0,050	-0,050	0,050
TI-S %	+1,000	+1,000	+1,000	0,700	0,700	+1,000	+1,000	0,700	0,700	0,700
MN-S	1000,000	700,000	300,000	700,000	500,000	1500,000	300,000	15,000	150,000	70,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	70,000	70,000	50,000	20,000	70,000	70,000	70,000	70,000
FA-S	200,000	150,000	150,000	200,000	300,000	300,000	300,000	100,000	150,000	150,000
BF-S	-1,000	NAO DET.	1,000	1,500	2,000	-1,000	2,000	-1,000	1,500	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	15,000	20,000	30,000	70,000	30,000	-5,000	15,000	10,000
CR-S	150,000	70,000	70,000	70,000	70,000	500,000	100,000	30,000	70,000	30,000
CU-S	100,000	50,000	50,000	20,000	20,000	150,000	50,000	5,000	30,000	10,000
EA-S	50,000	50,000	50,000	30,000	50,000	30,000	70,000	20,000	30,000	20,000
MI-S	-5,000	-5,000	-5,000	-5,000	-5,000	5,000	10,000	NAO DET.	-5,000	NAO DET.
NI-S	15,000	15,000	15,000	10,000	15,000	10,000	20,000	15,000	15,000	15,000
NT-S	50,000	20,000	20,000	100,000	50,000	150,000	150,000	7,000	30,000	20,000
PR-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	15,000	10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	50,000	15,000	15,000	15,000	15,000	30,000	20,000	7,000	15,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SP-S	-100,000	-100,000	-100,000	NAO DET.	-100,000	150,000	-100,000	NAO DET.	NAO DET.	NAO DET.
V-S	300,000	150,000	150,000	70,000	100,000	300,000	150,000	50,000	100,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	70,000	15,000	50,000	70,000	70,000	30,000	30,000	15,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	300,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	700,000	700,000	+1000,000	1000,000	700,000	+1000,000	500,000	1000,000	+1000,000
CU-AA	28,000	10,000	16,000	8,000	14,000	95,000	22,000	3,000	12,000	5,000
PB-AA	7,000	-3,000	5,000	5,000	10,000	10,000	9,000	35,000	4,000	3,000
ZN-AA	40,000	23,000	23,000	28,000	40,000	120,000	70,000	-3,000	18,000	10,000
AG-AA										
CO-AA										
NI-AA										
BT-AA										
CD-AA										
TF-AA										
AU-AA										
NA-AA %										
K-AA %										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU210	DAU211	DAU212	DAU213	DAU214	DAU215	DAU216	DAU217	DAU218	DAU219
NUM. CAMPO	CF0263	CF0264	CF0266	CF0267	CF0268	CF0269	CF0270	CF0271	CF0272	CF0273
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-3	-D-V-3	D-V-3	D-V-3	D-V-3	-D-V-3	D-V-3	-D-V-3	D-V-3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABSCISSA - X	0479	0478	0480	0469	0459	0445	0351	0366	0371	0432
ORDENADA - Y	0212	0412	0451	0480	0480	0361	0366	0357	0373	0443
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLOG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOLOGIA	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	A	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	C	C	C	C	C	A	A	A	A	C
ALTITUDE										
PROF. AMOST.										
FORMA ICNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTERR.										
TIPO ALTER.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	3	4	4	4	4	2	2	2	2	3
PROFUND. RIO	2,0	1,5	1,5	1,5	1,5	1,0	1,0	1,0	1,0	1,0
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	2	1	1	1	1	1	1	1	1	1
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
CON. AGUA										
GRAU ARRED.										
VOL. MINER.										
PESO LIT.										
GRANULOMET.										
TEXT. SEDIM.										
CON. SED./SL.										
HORIZ. SED.										
TIPO SECC.										

SEDIMENTOS DE CORRENTE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAU210 CF0263	DAU211 CF0264	DAU212 CF0266	DAU213 CF0267	DAU214 CF0268	DAU215 CF0269	DAU216 CF0270	DAU217 CF0271	DAU218 CF0272	DAU219 CF0273
PARAMETROS ANALITICOS DE CAMPO										
EM CVOLT										
PH	5,2	5,0	5,0	5,0	5,2					5,2
METAL TCTAL CODIF. LIVRE	8601	5750	5750	5750	5750	5710	5710	5710	5710	5750
PARAMETROS ANALITICOS										
FE-S %	1,500	0,700	0,500	15,000	0,500	0,700	0,500	1,000	0,150	0,700
MG-S %	0,030	0,050	0,030	0,300	0,030	0,070	0,070	0,100	0,020	0,150
CA-S %	-0,050	0,100	0,050	0,100	0,050	0,100	0,070	0,100	0,050	0,300
TI-S %	1,000	0,700	0,500	+1,000	0,500	0,700	0,700	0,700	0,500	0,700
4V-S	100,000	50,000	30,000	1000,000	30,000	70,000	70,000	100,000	10,000	30,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	30,000	70,000	30,000	30,000	50,000	70,000	50,000	70,000
EA-S	100,000	100,000	70,000	300,000	50,000	150,000	100,000	150,000	70,000	150,000
HF-S	-1,000	NAO DET.	NAO DET.	2,000	NAO DET.	-1,000	-1,000	-1,000	NAO DET.	1,000
JI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
KO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LO-S	10,000	5,000	-5,000	70,000	-5,000	5,000	5,000	7,000	-5,000	15,000
CR-S	20,000	20,000	15,000	150,000	100,000	30,000	50,000	50,000	15,000	70,000
CU-S	10,000	-5,000	-5,000	50,000	NAO DET.	-5,000	-5,000	15,000	-5,000	20,000
LA-S	20,000	20,000	NAO DET.	70,000	20,000	20,000	20,000	50,000	30,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	15,000	15,000	10,000	20,000	-10,000	-10,000	15,000	10,000	-10,000	15,000
NI-S	20,000	20,000	20,000	70,000	10,000	10,000	5,000	15,000	5,000	15,000
PO-S	-10,000	-10,000	-10,000	15,000	-10,000	-10,000	-10,000	10,000	-10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	7,000	15,000	5,000	-5,000	-5,000	7,000	5,000	15,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	NAO DET.	-100,000	-100,000	-100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	100,000
V-S	70,000	30,000	20,000	300,000	20,000	30,000	30,000	50,000	20,000	70,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	15,000	50,000	-10,000	15,000	20,000	30,000	15,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	+1000,000	+1000,000	+1000,000	500,000	+1000,000	1000,000	1000,000	1000,000	+1000,000	1000,000
CU-AA	6,000	-3,000	-3,000	30,000	-3,000	-3,000	-3,000	6,000	-3,000	5,000
PR-AA	-3,000	-3,000	-3,000	10,000	NAO DET.	-3,000	-3,000	3,000	NAO DET.	3,000
ZN-AA	10,000	7,000	-3,000	100,000	3,000	8,000	7,000	16,000	3,000	10,000
AG-AA										
CO-AA										
HI-AA										
BI-AA										
CD-AA										
TI-AA										
AU-AA										
NA-AA 7										
K-AA 2										

SEDIMENTOS DE CORRENTE

NUM. LAB.	DAU220	DAU221	DAU222	DAU223	DAU224	DAU225	DAU226
NUM. CAMFO	CF0274	CF0275	CF0276	CF0277	CF0278	CF0279	CF0280
C. CUSTO	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-3	D-V-3	D-V-3	D-V-3	D-V-3	D-V-3	D-V-3
BASE CART.							
ESCALA	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABSCISSA - X	0424	0424	0450	0444	0482	0503	0503
ORDENADA - Y	0480	0480	0493	0462	0500	0458	0458
UTM - LESTE							
UTM - NORTE							
MER. CENT.							

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	S	S	S	S	S	S	S
TIPO AMOST.	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	B	B	B
ID. GEOLCC.							
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C	C	C	C	C
TIPO VEGET.	C	C	C	C	C	C	C
SIT. TOPOG.							
SIT. AMOST.	C	C	C	C	C	C	C
ALTITUDE							
PROF. AMOST.							
FORMA IGNEA							
SIT. ESTRUT.							
MATRIZ PED.							
GRAU INTIMP.							
TIPO ALTER.							
TIPO MINER.							
DEP. CCCOR.							
LARGURA RIO	2	2	3	3	4	3	3
PROFUND. RIO	1,0	1,0	1,5	1,0	1,5	1,5	1,5
VFLOC. CCPP.							
NIVEL AGUA							
AREA DEENAG.	1	1	2	1	2	1	1
TURB. ACIA							
POS. CELTA	C	C	C	C	C	C	C
COR AGUA							
GRAU AFREC.							
VOL. EXICIN.							
PESO CONC.							
GRANULOMET.							
TEXT. SEDIM.							
COR SEC./SL.							
HORIZ. SCLD							
TIPO SCLC							

SEDIMENTOS DE CORPENTE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAU220 CF0274	DAU221 CF0275	DAU222 CF0276	DAU223 CF0277	DAU224 CF0278	DAU225 CF0279	DAU226 CF0280
PARAMETROS ANALITICOS DE CAMPO							
EH CVCLT							
PH	5,0	5,0	5,0	5,2	5,2	5,2	5,2
METAL TOTAL							
COEF. LIVRE	5710	5711	5710	5710	5710	5710	5711
PARAMETROS ANALITICOS							
FF-S %	0,500	0,700	0,300	0,700	1,500	0,700	1,500
MG-S %	0,070	0,070	0,020	0,050	0,150	0,050	0,050
CA-S %	0,050	0,070	0,050	0,070	0,150	0,150	0,150
TI-S %	0,700	0,700	0,300	0,500	0,700	0,700	+1,000
4N-S	20,000	30,000	10,000	30,000	70,000	70,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	50,000	70,000	50,000	70,000	50,000	50,000
BA-S	100,000	100,000	30,000	100,000	150,000	100,000	100,000
BE-S	-1,000	-1,000	NAO DET.	-1,000	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	5,000	-5,000	-5,000	10,000	5,000	5,000
CR-S	30,000	50,000	20,000	50,000	70,000	30,000	70,000
CU-S	-5,000	5,000	-5,000	-5,000	15,000	5,000	7,000
LA-S	20,000	20,000	20,000	20,000	30,000	20,000	20,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-S	15,000	20,000	-10,000	10,000	20,000	10,000	10,000
NI-S	10,000	10,000	10,000	10,000	15,000	10,000	10,000
PE-S	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	7,000	-5,000	-5,000	10,000	7,000	7,000
SN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SR-S	-100,000	100,000	-100,000	-100,000	100,000	100,000	-100,000
V-S	50,000	70,000	30,000	30,000	100,000	50,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	10,000	15,000	30,000	30,000	20,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZP-S	+1000,000	+1000,000	+1000,000	700,000	1000,000	+1000,000	+1000,000
CU-AA	-3,000	-3,000	-3,000	-3,000	4,000	4,000	-3,000
PR-AA	NAO DET.	-3,000	NAO DET.	NAO DET.	3,000	-3,000	3,000
ZN-AA	5,000	4,000	-3,000	5,000	30,000	11,000	7,000
AG-AA							
CO-AA							
NI-AA							
BI-AA							
CD-AA							
TE-AA							
AU-AA							
VA-AA %							
K-AA %							

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

*** OPCOES ***	ARQUIVO	CT. SFL.	CT. MAT.	PROJETO	CENTRO DE CUSTO
0100000000	-FS280001-	2	0	--- ALENQUER MONTE ALEGRE	--- 1554.310
ARQUIVO DE ENTRADA				DESCRICAO	
-FS280001-	---			ARQUIVO GERAL DO PROJETO ALENQUER MONTE ALEGRE	---
ARQUIVO DE SAIDA				DESCRICAO	
-FS2800AT-	---			CONCENTRADO DE MATRIA PROJ. S.A.M.A. ETAPA 3	---

CARTOES DE SELECAO DO SUB-ARQUIVO

CARTAO	CAMPO	VALORES PARA TESTE
02	00 DAR535 DAU228
04	14 8

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
DAR612	AM0499	DAR613	AM0537	DAR969	ES0003	DAR970	ES0016	DAR971	ES0017	DAR972	ES0024
DAR973	ES0036	DAR974	ES0071	DAR975	JF0005	DAR976	PP0074	DAR977	PP0084	DAR978	PP0090
DAR979	PP0094	DAR980	PP0115	DAR981	PP0122	DAR982	PP0123	DAR983	PP0139	DAR984	CF0007
DAR985	CF0008	DAR986	CF0014	DAR987	CF0024	DAR988	CF0029	DAR989	CF0053	DAR990	CF0068
DAR991	PS0012	DAR992	PS0015	DAR993	PS0046	DAR994	PS0056	DAR995	PS0063	DAR996	CS0063
DAR997	CS0064	DAR998	CS0076	DAR999	CS0080	DAR001	JA0016	DAS002	JA0017	DAT009	AM0580
DAT100	AM0588	DAT101	AM0598	DAT102	AM0608	DAT103	AM0631	DAT104	AM0633	DAT105	AM0639
DAT106	AM0644	DAT107	JA0034	DAT108	CS0089	DAT109	CS0098	DAT110	CS0114	DAT111	CS0130
DAT112	CS0134	DAT113	CS0140	DAT114	CS0197	DAT115	CS0202	DAT116	JL0033	DAT117	JEC034
DAT118	JEC047	DAT119	JEC050	DAT120	JF0055	DAT121	JEC059	DAT122	JEC071	DAT123	JEC077
DAT124	JEC079	DAT125	JEC095	DAT126	PP0147	DAT127	PP0176	DAT128	PP0197	DAT129	TA0003
DAT130	ES0096	DAT131	ES0121	DAT132	ES0122	DAT133	ES0155	DAT134	ES0165	DAT135	ES0180
DAT136	ES0187	DAT137	ES0195	DAT138	ES0196	DAT139	CF0108	DAT140	CF0137	DAT142	CF0141
DAT143	CF0163	DAT144	CF0178	DAT145	CF0180	DAT146	CF0181	DAT147	CF0188	DAT148	CF0192
DAT149	CF0194	DAT150	CF0195	DAT151	CF0197	DAT152	CF0202	DAT153	CF0206	DAT154	CF0215
DAT155	CF0221	DAT156	PS0078	DAT157	PS0081	DAT158	PS0082	DAT159	PS0121	DAT160	PS0124
DAT161	PS0129	DAT162	PS0138	DAT163	PS0139	DAT164	PS0144	DAT165	PS0150	DAT166	PS0155
DAT167	CF0167	DAT168	ES0202	DAT169	ES0225	DAT170	ES0226	DAT171	ES0229	DAT172	ES0245
DAT173	ES0250	DAT174	ES0251	DAT175	ES0264	DAT176	ES0271	DAT177	ES0273	DAT178	ES0277
DAT179	ES0279	DAT180	ES0289	DAT181	ES0292	DAT182	ES0312	DAT183	ES0318	DAT184	ES0319
DAT185	ES0320	DAT186	ES0321	DAT187	ES0322	DAT188	ES0323	DAT189	CS0290	DAT190	CS0296
DAT191	JA0043	DAT192	JA0044	DAT193	JA0046	DAT194	JA0070	DAT195	JAC079	DAT196	JAC083
DAT197	JA0084	DAT198	JA0085	DAT199	JF0098	DAT200	JEC0103	DAT201	JEC0104	DAT202	JEC0105
DAT203	JEC0111	DAT204	JEC0112	DAT205	JF0113	DAT206	JEC0114	DAT207	JEC0116	DAT208	JEC0118
DAT209	JEC0119	DAT210	JEC0123	DAT211	JF0127	DAT212	JEC0130	DAT213	JEC0133	DAT214	JEC0142
DAT215	JF0165	DAT216	JL0168	DAT217	JF0171	DAT218	PP0270	DAT219	PP0272	DAT220	PP0273
DAT221	TA0036	DAT222	JP0033	DAT223	JP0066	DAT224	AM0677	DAT225	AM0702	DAT226	AM0707
DAT227	JA0042	DAT228	ES0113	DAT229	CF0227	DAT230	CF0238	DAT231	CF0241	DAT232	CF0242
DAT233	CF0256	DAT234	CF0267	DAT235	CF0268	DAT236	CF0276	DAT237	CF0278		

REGISTROS LIDOS 2095

REGISTROS SELECIONADOS 173

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAR612	DAR613	DAR969	DAR970	DAR971	DAR972	DAR973	DAR974	DAR975	DAR976
NUM. CAMPO	AM0499	AM0537	ES0003	ES0016	ES0017	ES0024	ES0036	ES0071	JE0005	PP0074
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XD V
BASE CART.	D-V-1	D-V-1	1	1	1	1	1	1	2	1 2
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	11/77	09/77	10/77	10/77	10/77	10/77	10/77	10/77	10/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	55 00 00	55 00 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 15 00	54 15 00
ABSCISSA - X	0337	0015	0333	0392	0356	0350	0203	0302	0081	0210
ORDENADA - Y	0508	0341	0410	0419	0400	0394	0266	0106	0257	0362
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	H	B	R	B	B	B	B	B	B
TIPO AMOST.	A	A	C	A	C	C	A	C	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	J	G	G	G	G	H	J	G	G	G
ID. GEOLG.			GI	GI	GX	BM	GS	GS		
MAT. COLT.	CSCCL	CSCCL	CSCCL	CSCCL	CSCCL	CSCCL	CSCCL	CSCCL	ALUV	ALUV
PLUVIOSIDADE	B	C	A	B	B	B	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	A	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	A	A	C	A	A	A	A	A
ALTITUDE										
PROF. AMOST.			0,40	0,20	0,60	0,20	0,20	0,20	0,20	0,20
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTEP.										
TIPO MINER.										
DEP. CCCP.										
LARGURA RIO	3	2	7	8	20	7	5	5		
PROFUND. RIO	0,2	0,3	3,0	2,0	1,5	2,0	2,0	2,0		
VELOC. CERR.	0	1	0	0	2	0	0	0		
NIVEL AGUA	1	1	1	0	1	1	0	0		
AREA OPENAG.	3	1	2	2	4	1	1	2		
TURB. AGUA	0	0	0	0	0	0	0	0		
POS. COLETA	C	C	C	C	C	C	C	C		
COR ACUA	A	A	E							
GRAU APREC.			A							
VOL. CRIST.	10	10	20	10	10	10	10	20	10	10
PESO CONC.										
GRANULOMET.			AB	AB	AB	AB	AB	AB		
TEXT. SEDIM.			42111	52111	52111	52111	621 1	53 11		
COR SED./SL.										
HORIZ. SCIO										
TIPO SOLC										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAR612	DAR613	DAR969	DAR970	DAR971	DAR972	DAR973	DAR974	DAR975	DAR976
NUM. CAMPO	AM0499	AM0537	ES0003	ES0016	FS0017	ES0024	FS0036	ES0071	JE0005	PP0074
MIN-BFR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAO DET.	NAO DET.	1 %	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	NAO DET.	NAO DET.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CARBON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BARITINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLORITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SROKITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.
FRAG.RCH	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FEPO	NAO DET.	52-50%	85 %	3 %	1 %	3 %	85 %	60 %	15 %	65 %
P INT(G)	4,500	14,000	8,900	5,700	10,300	10,300	10,800	24,400	72,700	130,800
P CRT(G)	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,300	5,300	5,500	6,700	4,900	6,700
P CUC(G)	2,100	9,700	5,400	3,600	4,900	3,900	4,500	3,400	2,600	3,900

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO	DAR977 PPO084	DAR978 PPO090	LAR979 PPO094	DAR980 PPO115	DAR981 PPO122	DAR982 PPO123	DAR983 PPO139	DAR984 CF0007	DAR985 CF0008	DAR986 CF0014
MIN-BER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAO DET.	1 %	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %
OLIVINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CARBON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BAFITINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILLORITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROOKITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG. RCH	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N. IDENT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FERRO	85 %	85 %	60 %	85 %	60 %	60 %	60 %	40 %	15 %	15 %
P TOT(G)	174,900	112,500	184,300	117,600	160,200	56,400	50,400	162,800	128,100	139,000
P QRT(G)	6,300	8,100	7,700	6,800	7,400	4,900	3,800	16,900	15,400	15,400
P CCC(G)	4,400	4,800	5,300	4,200	3,000	3,500	2,600	0,300	0,300	1,000

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAR987 CF0024	DAR988 CF0029	DAR989 CF0053	DAR990 CF0068	DAR991 PS0012	DAR992 PS0015	DAR993 PS0046	DAR994 PS0056	DAR995 PS0063	DAR996 CS0063
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH						5,3				
METAL TCTAL										
CODIF. LIVRE	7E30	7E10	2B30	2B00	7510	7510	22 0	2B 0	2B 0	3910
PARAMETROS ANALITICOS										
MAGNET.	3 %	15 %	15 %	15 %	1 %	1 %	1 %	1 %	1 %	15 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	15 %	15 %	60 %	40 %	85 %	85 %	85 %	85 %	85 %	85 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VULFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHEEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILO	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CRONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.
ZIRCON	1 %	15 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
XENOT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANATASIO	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	1 %	1 %	1 %	1 %
PIROLL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIRROL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OUPO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOPI.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAREL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIPOXEN.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
ANFIBOL.	NAO DET.	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MI-CLOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TUMAL.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANDALUZ.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %
SILLMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LIPIDIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CORINDON	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GAUNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPINEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO	DAR987 CF0024	DAR988 CF0029	DAR989 CF0053	DAR990 CF0068	DAR991 PS0012	DAR992 PS0015	DAR993 PS0046	DAR994 PS0056	DAR995 PS0063	DAR996 CS0063
MIN-BER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATC	1 %	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CARBON.	NAO DET.	NAO DLT.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.	NAO DLT.	NAO DLT.
APATITA	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	1 %	NAO DLT.	NAO DLT.	NAO DLT.
EPATITINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.
FLUORITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.
BEODKITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.
MICAS	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.
FRAG.FCH	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.
N.IDENT.	NAO DET.	NAO DLT.	NAO DET.	NAO DET.	NAO DET.	NAO DLT.	NAO DET.	NAO DLT.	NAO DLT.	NAO DLT.
OX.FEFCO	60 %	40 %	15 %	40 %	3 %	3 %	3 %	1 %	1 %	1 %
P TOT(G)	135,000	74,400	24,900	93,400	125,200	0,900	100,000	99,400	5,000	57,200
P CRT(G)	30,000	19,100	2,800	2,100	1,500	NAO DET.	2,200	2,200	2,500	2,000
P COC(G)	2,500	1,600	1,600	1,300	1,200	0,400	2,000	1,700	2,000	1,900

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAR997	DAR998	DAR999	DAS001	DAS002	DAT099	DAT100	DAT101	DAT102	DAT103
NUM. CAMPO	CS0064	CS0076	CS0080	JAO016	JAO017	AM0580	AM0588	AM0598	AM0608	AM0631
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	1	1	1	1	1	D-V-1	D-V-1	D-V-4	D-V-4	D-V-4
BASE CART.										
FSCAIA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 43 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 30 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	55 00 00	55 00 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0079	0146	0195	0141	0170	0507	0404	0089	0211	0494
ORDENADA - Y	0093	0050	0045	0147	0061	0462	0456	0450	0405	0459
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPU

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	U	U	J	J	G	J	G	B	G
IO. GEOLOG.										
MAT. COLET.	CNAR	CNAR	CNAR	AREA	AREA	CACL	CACL	ALUV	CACL	CACL
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	B	B	B	C	C	A	A	A
SIT. TPCO.										
SIT. AMOST.	A	A	C	A	A	A	A	C	C	B
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTIMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO	4	4	6	4	5	10	8	2	2	10
PROFUND. RIO								0,3	0,3	0,8
VELOC. CORR.								1	1	1
NIVEL AGLA								1	1	1
AREA DRENAG.	1	1	1	1	1	2	2	1	1	2
TURB. AGLA								0	0	0
PCS. COLETA	C	C		C	C	C	C	C	C	C
COR. AGUA										A
GRAU AFRIO.										
VOL. ORIGIN.	30	20	20	10	10	10	10	10	10	10
TIPO LIT.										
GRANULOMET.										
TEXT. SEDIM.										
COR. SEC./SL.										
HORIZ. SELO										

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAR997	DAR998	DAR999	DAS001	DAS002	DAT099	DAT100	DAT101	DAT102	DAT103
NUM. CAMPO	CS0064	CS0076	CSC080	JA0016	JA0017	AM0580	AM0588	AM0598	AM0608	AM0631
MIN-BER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	1 %	1 %	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	1 %	1 %
CARBON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BAFITINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLUOPITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROCKITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG. RCH	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N. IDENT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX. FERRO	1 %	1 %	3 %	60 %	15 %	15 %	15 %	15 %	15 %	3 %
P TOT(G)	25,700	99,800	29,500	71,000	117,400	16,800	16,000	9,700	11,300	100,000
P QRT(G)	2,000	2,200	3,000	8,000	2,000	2,200	3,000	2,800	2,000	2,600
P COC(G)	1,300	1,900	0,800	3,100	1,300	1,800	2,000	2,300	1,500	2,000

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT104 AM0633	DAT105 AM0639	DAT106 AM0644	DAT107 JA0034	DAT108 CS0089	DAT109 CS0098	DAT110 CS0114	DAT111 CS0130	DAT112 CS0134	DAT113 CS0140
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH		5,3	5,3							
METAL TOTAL										
CODIF. LIVRE	5 10	5 10	5 10	4 10	5010	5010	5010	5010	5010	5010
PARAMETROS ANALITICOS										
MAGNET.	1 %	1 %	1 %	1 %	1 %	3 %	1 %	3 %	1 %	3 %
HEMATITA	85 %	85 %	85 %	40 %	15 %	40 %	40 %	60 %	60 %	15 %
ILMENITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHFEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
UX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILIC	1 %	1 %	1 %	3 %	1 %	1 %	1 %	1 %	1 %	3 %
CROMITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	NAO DET.	1 %	1 %	1 %	1 %	1 %	NAO DET.	1 %	1 %	1 %
ZIRCAD	15 %	15 %	15 %	40 %	3 %	15 %	40 %	15 %	15 %	40 %
XENOT.	NAO DET.	1 %	1 %	1 %	1 %	NAO DET.	1 %	1 %	1 %	1 %
ANATASIO	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICRCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MALCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CAICLP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAREL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIG.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GRANADA	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIPOXEN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	1 %	1 %	NAO DET.
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MI-CLOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TURMAL.	1 %	1 %	1 %	1 %	1 %	1 %	3 %	1 %	15 %	15 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANDALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOTC	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.
CORINDON	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPINEL.	1 %	1 %	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT104	DAT105	DAT106	DAT107	DAT108	DAT109	DAT110	DAT111	DAT112	DAT113
NUM. CAMPO	AM0633	AM0639	AM0644	JA0034	CS0089	CS0098	CS0114	CS0130	CS0134	CS0140
MIN-BER.	NAC DET.	NAU DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAO DET.	NAU DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAC DET.	NAU DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAC DET.	NAU DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAC DET.	NAU DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LFLCOX.	1 %	NAU DET.	1 %	1 %	NAO DET.	1 %	1 %	1 %	1 %	NAO DET.
CARBON.	NAC DET.	NAU DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAC DET.	NAU DET.	NAC DET.	NAO DET.	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.
BARTITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLUCRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROOKITA	NAC DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAC DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG.FCH	NAC DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N. IDENT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FERRO	1 %	1 %	1 %	1 %	60 %	15 %	1 %	15 %	15 %	15 %
P TOT(G)	46,000	42,700	45,500	27,000	77,800	11,000	56,900	42,500	44,200	22,800
P CRT(G)	2,000	2,000	22,000	NAO DET.	NAO DET.	5,100	NAO DET.	20,900	21,300	NAO DET.
P COC(G)	1,500	1,600	1,400	1,300	3,500	3,100	1,100	3,100	1,100	2,800

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	CS0197	CS0202	JE0033	JE0034	JE0047	JE0050	JE0055	JE0059	JE0071	JE0077
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XD V	SA21XDVI	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
BASE CART.	3	3	I 2	2	I 2	I 2	I 2	I 2	I 2	I 2	I 2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	11/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0365	0179	0410	0453	0049	0473	0463	0530	0286	0235	0235
ORDENADA - Y	0448	0325	0533	0354	0293	0303	0306	0435	0428	0418	0418
UTM - LESTE											
UTM - NORTE											
MER. CENT.											

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	B	B	B	B	B	B	B	B	B	B	B
TIPO AMST.	A	A	A	A	A	A	A	A	A	A	A
FORMA AMST.	L	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G	G	B	B	B	B	B	B	B	B	B
ID. GEOLG.											
MAT. COLET.	AREM	AREA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOMETR.	A	C	A	A	A	A	A	A	A	A	A
TIPO VEGET.	B	B	C	C	C	C	C	C	C	C	C
SIT. TOPOG.											
SIT. AMST.	A	A	A	A	A	A	A	A	A	A	A
ALTITUDE											
PROF. AMST.											
FORMA IGNEA											
SIT. ESTRUT.											
MATRIZ PED.											
GRAU INTEMP.											
TIPO ALTEP.											
TIPO MINER.											
DEP. CCCC.											
LARGURA RIO	5	4		8	6	4	8	6	3	3	
PROFUND. RIO	1,5	0,5	2,5	3,0	3,0	1,0	4,0	3,0	2,0	1,5	
VELOC. CORR.											
NIVEL AGUA			0	0	0	0	0	0	0	0	0
AREA DRENAG.	1	1	1	2	1	1	1	1	1	1	1
TUB. AGUA											
POS. COLETA	C	C	C	C	C	C	C	C	C	C	C
COR AGUA											
GRAU ARRED.			B	B	B	B	B	B	B	B	B
VOL. ORIGIN.	10	10	10	10	10	10	10	10	10	10	10
PESO CONC.											
GRANULMET.											
TEXT. SEDIM.											
COR SED. ASL.											
HORIZ. SCL											
TIPO SCL											
				11 71	1117	1612	712	12 61	1 81	12151	

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT114	DAT115	DAT116	DAT117	DAT118	DAT119	DAT120	DAT121	DAT122	DAT123
NUM. CAMPO	CS0197	CS0202	JE0033	JE0034	JE0047	JE0050	JE0055	JE0059	JE0071	JE0077
MIN-BFR.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	NAC DET.	NAO DET.	NAO DET.	1 %	NAO DET.	3 %	1,000	1,000	1,000	NAO DET.
CARBON.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAC DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FARFITA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLUCRITA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BRUKITA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG. RCH	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N. IDENT.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FERRO	1 %	3 %	3 %	3 %	15 %	3 %	1,000	15,000	15,000	15,000
P TOT(G)	37,700	38,400	218,900	121,200	66,000	46,700	178,700	62,500	56,700	82,500
P QRT(G)	NAC DET.	NAO DET.	2,800	3,300	6,300	4,800	4,500	6,300	5,200	4,200
P CUC(G)	1,200	0,600	2,700	2,500	3,200	1,200	3,400	0,400	4,100	3,500

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT114 CS0197	DAT115 CS0202	DAT116 JE0033	DAT117 JE0034	DAT118 JE0047	DAT119 JE0050	DAT120 JE0055	DAT121 JE0059	DAT122 JE0071	DAT123 JE0077
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT										
PH										
METAL TOTAL										
CODIF. LIVRE	4010	5010	2120	2220	28 0	28 0	2320	2310	2120	2420
PARAMETROS ANALITICOS										
MAGNET.	1 %	1 %	1 %	15 %	15 %	15 %	3,000	3,000	15,000	15,000
HEMATITA	40 %	40 %	85 %	25 %	60 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	60 %	85,000	60,000	85,000	60,000
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
WOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHTEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILO	1 %	1 %	1 %	1 %	1 %	3 %	1,000	1,000	1,000	1,000
CRONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	1 %	1 %	1 %	1 %	1 %	1 %	1,000	NAO DET.	NAO DET.	NAO DET.
ZIRCOAO	40 %	40 %	1 %	1 %	1 %	15 %	1,000	3,000	1,000	1,000
XENOT.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANATASIO	1 %	1 %	1 %	1 %	1 %	1 %	1,000	1,000	NAO DET.	1,000
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICKEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOB.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAPEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	1 %	1 %	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	3,000
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1,000	NAO DET.	NAO DET.	NAO DET.
PIROXEN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1,000	1,000	NAO DET.	3,000
ANLIMB.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.
MI-CLOR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TURMAL.	1 %	3 %	1 %	1 %	1 %	3 %	NAO DET.	1,000	1,000	NAO DET.
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	3 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
URANIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1,000	NAO DET.	NAO DET.	NAO DET.
CORINDON	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPINEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT124 JE0079	DAT125 JE0095	DAT126 PP0147	DAT127 PP0176	DAT128 PP0197	DAT129 TA0033	DAT130 ES0096	DAT131 ES0121	DAT132 ES0122	DAT133 ES0155
PARAMETROS ANALITICOS DE CAMPO										
EM CVCLT PH METAL TOTAL CODIF. LIVRE	2120	7510	2220	2120	24 0	1620	3 20	3 30	3 10	4810
PARAMETROS ANALITICOS										
MAGNET.	15,000	3,000	3,000	3,000	40,000	3 4	3 %	1 %	1 %	1 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	60,000	60,000	60,000	40,000	15,000	85 %	40 %	85 %	85 %	60 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHFFL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILO	1,000	3,000	1,000	NAO DET.	1,000	1 %	15 %	1 %	3 %	3 %
CRCHITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	NAO DET.	NAO DET.	1,000	NAO DET.	NAO DET.	NAO DET.	3 %	1 %	1 %	1 %
ZIRCON	3,000	40,000	1,000	NAO DET.	NAO DET.	1 %	60 %	1 %	15 %	40 %
XENOT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANASTASIO	1,000	1,000	1,000	NAO DET.	NAO DET.	1 %	1 %	1 %	1 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOPI.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALFNA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAPFL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	3,000	NAO DET.	NAO DET.	1,000	1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIROXEN.	NAO DET.	NAO DET.	1,000	1,000	40,000	3 %	1 %	1 %	1 %	1 %
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	1 %
MI-CLOR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TUMAL.	NAO DET.	3,000	1,000	NAO DET.	NAO DET.	1 %	3 %	1 %	1 %	1 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTOUR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.
ANALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOTO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.
COBALTIN	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	1 %	1 %	NAO DET.
ESPIREL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO	DAT124 JE0079	DAT125 JE0095	DAT126 PP0147	DAT127 PP0176	DAT128 PP0197	DAT129 TA0003	DAT130 ES0096	DAT131 ES0121	DAT132 ES0122	DAT133 ES0155
MIN-BER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAC DET.	NAO DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCCO.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	NAC DET.	3,000	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	1 %	1 %	1 %
CARRIN.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BARITINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLUORITA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROOKITA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG.PCH	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FERRO	40,000	3,000	40,000	60,000	40,000	15 %	1 %	1 %	1 %	3 %
P IOI(G)	34,600	42,000	60,800	100,300	53,000	195,200	9,300	14,200	6,800	30,100
P ORT(G)	4,300	4,100	5,400	4,700	4,600	4,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.
P COC(G)	2,900	1,500	2,200	2,700	3,900	3,600	0,400	5,700	1,600	3,400
VESUVIAN						NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIR.LIMO						NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SIDERITA						NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TORITA						NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATHIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT134	DAT135	DAT136	DAT137	DAT138	DAT139	DAT140	DAT142	DAT143	DAT144
NUM. CAMPO	ES0165	ES0180	ES0187	FS0195	ES0196	CF0108	CF0137	CF0141	CF0163	CF0178
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	3	3	3	3	3	D-V-2	D-V-2	D-V-2	D-V-4	D-V-4
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	11/77	11/77	11/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABSCISSA - X	0188	0479	0514	0486	0489	0217	0078	0097	0557	0246
ORDENADA - Y	0427	0383	0423	0379	0318	0350	0345	0325	0351	0450
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	C	C	C	C	C	A	A	A	A	A
FORTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	G				G	G	H	J	J	K
ID. GEOLG.								GS		
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	B	B	B	B	B	A	A	A	A	A
TIPO VEGET.	C	A	A	E	A	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	C	A	A	A	A	A	A	A
ALTITUDE										
PROF. AMOST.	0,30	0,40	0,60							
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. COCCP.										
LARGURA RIO	4	5	6	4	6	6	6	3	6	8
PROFUND. RIO	0,6	1,0	0,6	0,5	0,5	4,0	4,0	2,0	4,0	3,0
VELOC. CORR.				0	0				1	
NIVEL AGUA				0	0				1	
AREA DRENAG.	2	2	2	1	1	2	2	1	3	3
TURB. AGUA				0	0				2	
POS. CELETA	C	C	C	C	C	C	C	C	C	C
COR AGUA									G	
GRAU AEREC.	B	B		B	B					
VCL. ORIGIN.	10	10	10	10	10	10	10	10	10	10
PESO CCAC.										
GRAUDMET.	RG	RG	RG	RG	RG					
TEXT. SEDIM.	7111	7111	25111	7111	7111					
COR SED./SL.										
HORIZ. SCLP										
TIPO SCLC										

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT134 ES0165	DAT135 ES0180	DAT136 ES0187	DAT137 ES0195	DAT138 ES0196	DAT139 CF0108	DAT140 CF0137	DAT142 CF0141	DAT143 CF0163	DAT144 CF0178
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PARAMETROS ANALITICOS DE CAMPO

EH CVCLT										
PH									5,3	
METAL TCTAL										
CODIF. LIVRE	5710	4 10	4811	4 10	4 10	2830	2830	2C10	5710	5710

PARAMETROS ANALITICOS

MAGNET.	1 %	1 %	1 %	3 %	1 %	3 %	3 %	3 %	1 %	3 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	85 %	60 %	85 %	60 %	85 %	40 %	85 %	85 %	85 %	40 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHEEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILO	3 %	15 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	3 %
CROMITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	1 %	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	1 %	1 %	1 %	1 %
ZIRCOAO	15 %	40 %	1 %	40 %	15 %	3 %	3 %	3 %	15 %	60 %
XENOT.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.
ANATASIO	1 %	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	1 %	1 %	1 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAREL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIED.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
JIAMANIE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOFAZIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GRANADA	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIROXEN.	NAO DET.	NAO DET.	3 %	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	1 %	1 %
ANFIBOL.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.
MI-CLOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TUMAL.	3 %	3 %	1 %	3 %	1 %	1 %	1 %	1 %	1 %	3 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %
ANDALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOTO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COPOLINDIN	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	1 %	1 %
ESPIREL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %

CUNCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT145	DAT146	DAT147	DAT148	DAT149	DAT150	DAT151	DAT152	DAT153	DAT154
NUM. CAMPO	CF0180	CF0181	CF0188	CF0192	CF0194	CF0195	CF0197	CF0202	CF0206	CF0215
C. CUSTO.	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO.	270	270	270	270	270	270	270	270	270	270
PRCCIDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-4	D-V-2	D-V-2	D-V-4	D-V-4
FASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0249	0271	0300	0159	0180	0182	0128	0128	0383	0441
ORDENADA - Y	0435	0427	0345	0468	0483	0490	0350	0181	0414	0473
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. COLET.	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	A	A	A	A	A	A	A	A	A	A
TIPO VEGET.	C	C	C	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	C	C	C	A	A	C	A	A	C
ALTITUDE										
PROF. AMOST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTEP.										
TIPO MINER.										
DEP. OCCOR.										
LARGURA RIO	3	4	4	3	4	4	5	4	5	5
PROFUND. RIO	1,0	2,0	3,0	2,0	2,0	2,0	3,0	1,5	2,5	3,0
VELOC. CORR.		1	1	1			1			1
NIVEL AGUA		1	1	1			1			1
AREA DRENAG.	1	2	2	2	2	2	1	1	2	3
TUPR. AGUA		1	1	1			1			1
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	A	A	A	A	A	A	A	A	A	A
GRAU ABREF.										
VIL. UGIGN.	10	10	10	10	10	10	10	10	10	10
PLSU CLNC.										
GRANULOMET.										
TEXT. SEDIM.										
COP SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAT145 CF0180	DAT146 CF0181	DAT147 CF0188	DAT148 CF0192	DAT149 CF0194	DAT150 CF0195	DAT151 CF0197	DAT152 CF0202	DAT153 CF0206	DAT154 CF0215
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH		5,7	5,5	5,0						4,7
METAL TOTAL CODIF. LIVRE	5710	5710	5710	5710	5710	5710	4810	3950	5710	5700
PARAMETROS ANALITICOS										
MAGNET.	3 %	15 %	15 %	15 %	15 %	15 %	3 %	15 %	15 %	3 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	60 %	60 %	60 %	60 %	15 %	40 %	85 %	85 %	40 %	85 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHELL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILC.	15 %	3 %	3 %	3 %	3 %	3 %	3 %	1 %	3 %	1 %
CROMITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %
ZIRCON	40 %	60 %	15 %	15 %	40 %	40 %	15 %	1 %	40 %	1 %
XENOT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANATASIO	1 %	1 %	NAO DET.	1 %	3 %	3 %	1 %	1 %	3 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICROL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OUFO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS-PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAPEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	NAO DET.	3 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIROXEN.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	3 %	1 %	1 %
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MI-CLOR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TURMAL.	1 %	1 %	1 %	1 %	15 %	15 %	3 %	1 %	3 %	1 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	1 %	1 %	1 %	1 %	1 %	1 %	NAO DET.	NAO DET.	1 %	NAO DET.
ANDALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOTO	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CORINDON	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPINEL.	1 %	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO MIN-BER. MIN-LIT. GLAUCON. FOSFATO OLIVINA LEUCOX. CARBON. APATITA BARITINA FLUCRITA BROUKITA MICAS FRAG.RCH N.IDENT. OX.FERRO P TOT(G) P CRT(G) P CUC(G) VESUVIAN PIR.LIPC SIDERITA TORITA	DAT145 CF0180	DAT146 CF0181	DAT147 CF0188	DAT148 CF0192	DAT149 CF0194	DAT150 CF0195	DAT151 CF0197	DAT152 CF0202	DAT153 CF0206	DAT154 CF0215
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	1 %	1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	3 %	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	1 %
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	1 %	1 %	15 %	1 %	15 %	1 %	1 %	3 %	1 %	NAO DET.
	103,000	82,200	93,200	89,500	80,300	58,500	90,500	102,200	93,800	21,400
	48,000	38,700	4,700	20,500	NAO DET.	NAO DET.	NAO DET.	4,400	NAO DET.	4,600
	3,500	4,000	1,400	3,800	1,800	3,400	5,700	4,000	1,200	4,000
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CPRM CACASTRO GEOQUIMICO

29.08.78 FLA. 28

S. E. A. G.

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE RATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT155	DAT156	DAT157	DAT158	DAT159	DAT160	DAT161	DAT162	DAT163	DAT164
NUM. CAMPO	CF0221	PS0078	PS0081	PS0082	PS0121	PS0124	PS0129	PS0138	PS0139	PS0144
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2	SA21XDV2
BASE CART.	D-V-4									
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	11/77	11/77	11/77	12/77	12/77	12/77	12/77	12/77	12/77
LATITUDE	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00	54 45 00
ABCISSA - X	0398	0494	0526	0307	0347	0337	0499	0498	0485	0471
ORDENADA - Y	0467	0392	0411	0494	0146	0152	0148	0022	0019	0095
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	B	B	B	B	B	B	B	B	B	B
TIPO AMST.	A	A	A	A	A	A	A	A	A	A
FONTE AMST.	L	L	L	L	L	L	L	L	L	L
ROCHA FEG.	B	J	J	G	G	G	G	G	G	G
ID. GEOLOG.										
MAT. COLET.	AREA	CSCCL	CSCCL	ALUV	CSCCL	CSCCL	CSCCL	CSCCL	CSCCL	CSCCL
PLUVIOSIDADE	D	B	B	B	A	A	B	A	A	A
TIPO VEGET.	C	B	B	B	C	C	C	B	B	B
SIT. TOPOG.										
SIT. AMST.	A	A	A	A	A	A	A	A	A	B
ALTITUDE										
PROF. AMST.										
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCPR.										
LARGURA RIO	6	7	8	6	11	10	6	8	6	8
PROFUND. RIO	3,0									0,5
VELOC. CCCPR.										0
NIVEL AGUA										1
AREA DRENAG.	3	2	2	2	2	2	2	2	2	1
TURB. AGLA										
PCS. COLETA	C	C	C	C	C	C	C	C	C	C
CCR AGUA										C
GRAU AFREC.										
VOL. ORIGIN.	10	16	16	16	16	16	16	16	16	16
PESO CENC.										
GRANULOMET.										
TEXT. SEDIM.				33121						
CON. SED./SL.										
HORIZ. SCLC										
TIPO SCLC										

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT155 CF0221	DAT156 PS0078	DAT157 PS0081	DAT158 PS0082	DAT159 PS0121	DAT160 PS0124	DAT161 PS0129	DAT162 PS0138	DAT163 PS0139	DAT164 PS0144
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										5.7
METAL TOTAL										
CODIF. LIVRE	5700	1 30	1 30	1.10	3 10	3 10	2310	4 10	4 10	3 10
PARAMETROS ANALITICOS										
MAGNET.	15 %	15 %	15 %	3 %	3 %	15 %	3 %	15 %	15 %	15 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	85 %	3 %	85 %	1 %	15 %	60 %	40 %	85 %	60 %	15 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COB-TOB.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTIL	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CRONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	1 %	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	1 %
ZIRCON	15 %	1 %	3 %	1 %	3 %	3 %	3 %	3 %	1 %	3 %
YENGT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANATASIO	1 %	NAO DET.	1 %	1 %	1 %	NAO DET.	1 %	1 %	1 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICREL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOPI.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAPEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRICO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MELICO.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIROXEN.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MI-CLOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TURMAL.	1 %	1 %	1 %	1 %	1 %	3 %	1 %	3 %	1 %	3 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANCALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CRONOLIN	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GHANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPINEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO	DAT155 CF0221	DAT156 PS0078	DAT157 PS0081	DAT158 PS0082	DAT159 PS0121	DAT160 PS0124	DAT161 PS0129	DAT162 PS0138	DAT163 PS0139	DAT164 PS0144
MIN-BER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCCN.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FCSFATC	NAC DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.
OLIVINA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	NAC DET.	NAO DET.	1 %	NAO DET.	1 %	NAO DET.	1 %	1 %	1 %	3 %
CARBON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BARITINA	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLUORITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROOKITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG.PCH	NAC DET.	NAO DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FEPPD	1 %	85 %	15 %	85 %	85 %	15 %	60 %	3 %	15 %	60 %
P TOT(G)	48,800	138,200	19,300	146,500	122,100	49,100	62,400	133,200	59,700	127,700
P QRT(G)	13,600	20,500	5,200	NAO DET.	33,700	5,700	8,200	37,300	4,500	62,100
P COC(G)	2,300	5,300	2,800	21,000	59,600	2,400	2,200	2,900	2,700	23,900

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT165	DAT166	DAT167	DAT918	DAT919	DAT920	DAT921	DAT922	DAT923	DAT924
NUM. CAMPO	PS0150	PS0155	CF0167	ES0202	ES0225	ES0226	ES0229	ES0245	ES0250	ES0251
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRCCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV2	SA21XDV2	SA-21-X-	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
BASE CART.			D-V-4	4	4	4	4	4	4	4
BASE CART.										
FSCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	12/77	12/77	12/77	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	54 45 00	54 45 00	54 45 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ABCISSA - X	0268	0268	0332	0491	0514	0508	0462	0241	0290	0192
ORDENADA - Y	0067	0005	0433	0446	0326	0320	0319	0348	0389	0388
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REC.	G	G	B	G	G	G	G	G	G	G
ID. GEOLG.										
MAT. COLT.	ALUV	ALUV	AREA	AREA	AREA	AREA	CACL	CACL	CACL	AREA
PLUVIOSIDADE	A	A	A	C	C	C	C	C	C	C
TIPO VEGET.	B	B	C	A	F	F	A	C	B	C
SIT. TCPCG.										
SIT. AMOST.	A	A	C	C	C	C	C	C	C	C
ALTITUDE										
PROF. AMOST.				0,50	0,80	0,30	0,30	1,00	1,00	0,40
FORMA IGNEA										
SIT. ESTPUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTER.										
TIPO MINER.										
DEF. CCCCR.										
LARGURA RIO	8	4		4	6	6	4	15	8	5
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.	2	2		2	3	2	1	4	3	2
TURB. AGUA										
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA			D	A	B	B	A		A	B
GRAU AFREC.				A	10	10	10	10	10	10
VEL. ORIGIN.	16	16	10	10	10	10	10	10	10	10
PESO CONC.										
GRANULOMET.				HG	HG	HG	AB	AB	AB	HG
TEXT. SEDIM.	19			25111	7111	7111	52111	43111	43111	7111
COR SEC./SL.										
HP17. SOLO										
TIPO SOLO										

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT165 PS0150	DAT166 PS0155	DAT167 CF0167	DAT918 ES0202	DAT919 ES0225	DAT920 ES0226	DAT921 ES0229	DAT922 ES0245	DAT923 ES0250	DAT924 ES0251
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH			5,3							
METAL TCTAL										
CODIF. LIVRE	4 10	4 10	5710	6 10	6 10	6 10	6 10	4 10	4 10	4 10
PARAMETROS ANALITICOS										
MAGNET.	15 %	3 %	15 %	3 %	3 %	3 %	15 %	3 %	3 %	1 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	60 %	15 %	60 %	85 %	60 %	60 %	60 %	65 %	85 %	15 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.
CCL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLEFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHEFL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-PAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILO	1 %	15 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	3 %
CRONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	1 %	1 %	NAO DET.	1 %	1 %	1 %	1 %	1 %	1 %	1 %
ZIRCON	3 %	40 %	15 %	3 %	15 %	15 %	15 %	3 %	15 %	85 %
XENOT.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	1 %	NAO DET.	1 %	NAO DET.
ANATASIS	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CURIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOPI.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFAPFL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	1 %	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	1 %
PIROXEN.	1 %	NAO DET.	NAO DET.	1 %	1 %	3 %	NAO DET.	3 %	1 %	NAO DET.
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	3 %	1 %	3 %	NAO DET.	NAO DET.
MI-CLOR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TURMAL.	1 %	15 %	1 %	1 %	3 %	3 %	3 %	1 %	1 %	3 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	NAO DET.	NAO DET.	1 %	1 %	1 %	3 %	1 %	NAO DET.	1 %	NAO DET.
ANCALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIOTIC	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COBALTIN	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPIREL.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT165	DAT166	DAT167	DAT918	DAT919	DAT920	DAT921	DAT922	DAT923	DAT924
NUM. CAMPO	PS0150	PS0155	CF0167	ES0202	ES0225	ES0226	ES0229	ES0245	ES0250	ES0251
MIN-BER.	NAO DET.	NAU DET.	NAU DET.	NAO DET.	NAU DET.	NAU DET.	NAU DET.	NAU DET.	NAU DET.	NAU DET.
MIN-LIT.	NAO DET.	NAU DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCON.	NAO DET.	NAU DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATC	1 %	NAU DET.	NAO DET.	NAO DET.	NAU DET.	NAU DET.	NAU DET.	NAU DET.	NAU DET.	NAU DET.
OLIVINA	NAO DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	1 %	3 %	3 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CARBON.	NAO DET.	NAO DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAO DET.	NAU DLT.	NAU DLT.	NAO DLT.	NAO DLT.	NAU DLT.	NAU DLT.	NAU DLT.	NAU DLT.	NAU DLT.
EAPITINA	NAO DET.	NAU DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLUORITA	NAO DET.	NAU DET.	NAU DET.	NAO DET.	NAO DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BRONKITA	NAO DET.	NAU DLT.	NAU DLT.	NAO DET.	NAO DET.	NAU DLT.	NAO DET.	NAU DLT.	NAU DLT.	NAO DET.
MICAS	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG.RCH	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.	NAO DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FERRO	40 %	1 %	3 %	1 %	1 %	NAU DET.	15 %	1 %	1 %	NAO DET.
P TOT(G)	95,200	43,800	60,300	44,600	41,200	48,100	36,200	50,300	37,000	14,000
P QRT(G)	6,800	NAO DET.	NAO DET.	23,300	NAO DET.	NAU DET.	NAO DET.	NAO DET.	8,400	NAU DET.
P COC(G)	2,400	1,300	6,000	4,700	1,400	0,100	1,100	10,500	4,600	2,600

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	C. CUSTO	S. CUSTO	PROCEDENCIA	BASE CART.	BASE CART.	FSCAIA	DATA	LATITUDE	LONGITUDE	ABCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MER. CENT.
NUM. LAB.	NUM. CAMPO	C. CUSTO	S. CUSTO	PROCEDENCIA	BASE CART.	BASE CART.	FSCAIA	DATA	LATITUDE	LONGITUDE	ABCISSA - X	ORDENADA - Y	UTM - LESTE	UTM - NORTE	MER. CENT.
ES0264	ES0271	ES0273	ES0277	ES0279	ES0289	ES0292	ES0312	ES0318	ES0319						
1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S	02 00 00 S
54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
0173	0140	0146	0079	0084	0060	0027	0375	0055	0063						
0406	0432	0443	0412	0411	0404	0424	0467	0205	0152						

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	TIPO AMOST.	FONTE AMOST.	ROCHA REG.	ID. GEOLG.	MAT. COLET.	PLUVICIDADE	TIPO VEGET.	SIT. TCPCG.	SIT. AMOST.	ALTITUDE	PROF. AMOST.	FORMA IGNEA	SIT. ESTPLT.	MATRIZ PRFD.	GRAU INTMP.	TIPO ALTER.	TIPO MINER.	DEP. CCCCP.	LARGURA RIO	PROFUND. RIO	VELOC. CORR.	NIVEL AGUA	AREA OPENAG.	TUPB. AGUA	PCS. COLETA	COR AGUA	GRAU AFREC.	VOL. CHIGIN.	PESO CMC.	GRANULEMET.	TEXT. SEDIM.	COR SED./SL.	HORIZ. SCLG	TIPO SCLG
CLAS. AMOST.	TIPO AMOST.	FONTE AMOST.	ROCHA REG.	ID. GEOLG.	MAT. COLET.	PLUVICIDADE	TIPO VEGET.	SIT. TCPCG.	SIT. AMOST.	ALTITUDE	PROF. AMOST.	FORMA IGNEA	SIT. ESTPLT.	MATRIZ PRFD.	GRAU INTMP.	TIPO ALTER.	TIPO MINER.	DEP. CCCCP.	LARGURA RIO	PROFUND. RIO	VELOC. CORR.	NIVEL AGUA	AREA OPENAG.	TUPB. AGUA	PCS. COLETA	COR AGUA	GRAU AFREC.	VOL. CHIGIN.	PESO CMC.	GRANULEMET.	TEXT. SEDIM.	COR SED./SL.	HORIZ. SCLG	TIPO SCLG
B	A	L	G		AREA	C	C	C	C		0,70								4	20			1		C	C	B	10		HG	7111			
B	A	L	G		CSCL	C	B	C	C		1,00								6				4		C	C	A	10		AB	43111			
B	A	L	G		CSCL	C	B	C	C		0,40								6				2		C	C	A	10		AB	43111			
B	A	L	G		CSCL	C	A	C	C		0,80								18				4		C	C	A	10		AB	43111			
B	A	L	G		AREA	C	A	C	C		0,40								4				2		C	C	B	10		BG	16111			
B	A	L	B		AREA	C	B	C	C		0,60								4				2		C	C	B	10		BG	16111			
B	A	L	G		AREA	C	A	C	C		0,60								6				1		C	C	B	10		BG	7111			
B	A	L	G		AREA	C	A	C	C		1,20								12				2		C	C	B	10		BE	25111			
B	A	L	J		CSCL	C	A	A	A		0,30								3				1		C	C	A	10		AB	52111			
B	A	L	J		CSCL	C	A	A	A		0,30								3				1		C	C	A	10		AB	52111			

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	MIN-BER.	MIN-LIT.	GLAUCCO.	FOSFATO	CLIVINA	LEUCOX.	CARRON.	APATITA	BARITINA	FLUORITA	BROOKITA	MICAS	FRAG.FCH	N.IDENT.	OX.FFRAC	P TOT(G)	P CRT(G)	P COC(G)
	ES0264						1 %										17,900		0,900
	ES0271																13,100		2,000
	ES0273																13,800		1,700
	FS0277																11,800		2,600
	ES0279																13,300		2,200
	ES0289						1 %										9,000		2,500
	ES0292						1 %										16,800		3,000
	ES0312																132,300		3,500
	ES0318																70,300		4,300
	ES0319																44,800		5,700

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT935	DAT936	DAT937	DAT938	DAT939	DAT940	DAT941	DAT942	DAT943	DAT944
NUM. CAMPO	ES0320	ES0321	ES0322	ES0323	CS0290	CS0296	JA0043	JA0044	JA0046	JAC070
MIN-BER.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCCON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OLIVINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.	1 %	NAO DET.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
CARBON.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BARITINA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.
FLUORITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BRONKITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %
FRAG.FCH	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.
OX.FERRO	1 %	1 %	1 %	15 %	15 %	1 %	15 %	15 %	15 %	60 %
P TOT(G)	245,200	76,700	114,700	90,800	58,100	100,800	21,600	42,100	18,100	43,000
P CRT(G)	5,200	16,700	25,000	NAO DET.	7,000	5,100	NAO DET.	NAO DET.	NAO DET.	17,100
P COC(G)	4,900	2,700	4,300	4,500	4,500	4,600	10,800	8,500	0,300	13,700

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT945	DAT946	DAT947	DAT948	DAT949	DAT950	DAT951	DAT952	DAT953	DAT954
NUM. CAMPO	JA0079	JA0083	JAC084	JA0085	JF0098	JE0103	JE0104	JF0105	JE0111	JE0112
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PRECEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XDVI	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V
PASE CART.	2	2	4	4	1 2	1 2	1 2	1 2	1 2	1 2
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00
ARCISSA - X	0317	0316	0051	0128	0532	0546	0435	0449	0224	0301
ORCENADA - Y	0022	0067	0167	0046	0053	0052	0228	0220	0268	0279
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	G	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. COLET.	AREA	CSCL	ARGL	AREA	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV
PLUVIOSIDADE	C	C	C	C	B	C	B	B	C	C
TIPO VEGET.	B	B	B	A	A	A	B	B	B	A
SIT. TOPOG.										
SIT. AMOST.	C	C	A	A	C	C	A	A	A	A
ALTITUDE										
PROF. AMOST.									0,00	
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.										
TIPO ALTEP.										
TIPO MINER.										
DEP. CCCCR.										
LARGURA RIO	10	6	5	4	2	5	10	4	6	8
PROFLND. RIO	3,5	1,5	1,5	1,5	1,0	2,0	2,0	1,5	2,5	2,0
VFLOC. CORR.	0	0			1	1				
NIVEL AGUA	1	1			1	1			0	0
AREA DRENAG.	2	1	1	1	1	1	2	1	1	1
TURB. AGUA	0	0			0	0				
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COR AGUA	E				A	A			I	C
GRAU AFREC.					B	B			B	B
VOL. ORIGIN.	10	10	10	10	10	10	10	10	10	10
PESO CMC.										
GRANULOMET.										
TEXT. SEDIM.	72 1	54 1	2251	63 1	1711	811	811	811	15121	712
COR SEC./SL.										
HORIZ. SECC										
TIPO SECC										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	DA1945	DA1946	DA1947	DA1948	DA1949	DA1950	DA1951	DA1952	DA1953	DA1954/
		JA0079	JA0083	JA0084	JA0085	JE0098	JE0103	JE0104	JE0105	JE0111	JE0112
MIN-PER.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCCON.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GOSEATC		NAO DET.	1 %	NAO DET.	1 %	NAO DET.	1 %	1 %	1 %	1 %	1 %
OLIVINA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCCX.		1 %	1 %	1 %	1 %	1 %	1 %	3 %	1 %	1 %	1 %
CARBON.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BAPITINA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	1 %	1 %	NAO DET.
FLUORITA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROOKITA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG.SCH		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.FERRO		1 %	15 %	1 %	1 %	1 %	1 %	3 %	1 %	65 %	85 %
P TOT(G)		100,300	54,100	49,700	239,100	27,600	68,200	40,300	78,200	40,600	112,700
P CRT(G)		4,700	8,000	6,500	10,500	NAO DET.	26,300	NAO DET.	31,300	21,600	37,900
P COC(G)		3,500	2,700	6,400	8,300	7,500	4,100	1,700	2,800	4,600	3,400

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO.	DAT955 JE0113	DAT956 JE0114	DAT957 JL0116	DAT958 JE0118	DAT959 JE0119	DAT960 JE0123	DAT961 JE0127	DAT962 JE0130	DAT963 JE0133	DAT964 JE0142
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH	5,7	5,7		5,5				5,5	5,9	
METAL TCTAL										
CODIF. LIVRE	2310	2330	3 10	3 10	3 10	4 10	3 10	3 10	4 10	3 10
PARAMETROS ANALITICOS										
MAGNET.	15 %	3 %	3 %	15 %	15 %	15 %	3 %	3 %	3 %	3 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	15 %	15 %	15 %	40 %	60 %	40 %	60 %	40 %	60 %	40 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLEFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHIEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTIO	1 %	1 %	1 %	1 %	1 %	15 %	1 %	1 %	3 %	1 %
CROMITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
ZIRCO	3 %	1 %	3 %	1 %	3 %	40 %	3 %	3 %	15 %	3 %
XENOT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %
ANATASIO	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCOP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTARFL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRIO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
GRANADA	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	1 %	NAO DET.	NAO DET.	1 %	NAO DET.
PIROXEN.	3 %	1 %	1 %	1 %	15 %	1 %	1 %	1 %	1 %	1 %
ANTIM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MI-CLOR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TUFMAL.	1 %	1 %	1 %	3 %	1 %	3 %	1 %	1 %	3 %	1 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAUR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	1 %	NAO DET.	1 %	NAO DET.
ANDALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOT.	NAO DET.	NAO DET.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
COFINDON	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
TITANITA	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	1 %	NAO DET.	NAO DET.	1 %	NAO DET.
GAHNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPIRIL.	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	MIN-BER.	MIN-LIT.	GLAUCON.	FOSFATC	CLIVINA	LEUCOX.	CARBON.	APATITA	BAPITINA	FLOFITA	BRONKITA	MICAS	FRAG.RCH	N.IDENT.	OX.FERRO	P IO1(G)	P CRT(G)	P CDC(G)
	JE0113				1 %		1 %			1 %						60 %	56,800	21,000	7,400
	JE0114				1 %		1 %									85 %	62,500	14,300	7,400
	JE0116				1 %		1 %									85 %	58,800	37,900	7,900
	JF0118				1 %		1 %									60 %	94,300	8,800	5,700
	JE0119				1 %		1 %									15 %	80,300	13,000	2,100
	JE0123				1 %		1 %									1 %	59,500	31,300	3,500
	JE0127				1 %		1 %									40 %	139,000	10,700	5,700
	JE0130				1 %		1 %									60 %	67,000	10,200	0,000
	JE0133				1 %		1 %									15 %	117,200	13,400	5,700
	JE0142				1 %		1 %									60 %	105,300	10,400	5,600

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT965	DAT966	DAT967	DAT969	DAT970	DAT971	DAT972	DAT973	DAT974	DAT976
NUM. CAMPO	JE0165	JE0168	JE0171	PP0270	PP0272	PP0273	TA0036	JP0033	JP0066	AM0677
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA21XD V	SA.21-X- D-VI-4	SA21XDVI	SA21XDVI	SA-21-X- D-V-1
BASE CART.	I 2	I 4	I 4	I 2	I 2	I 2		4	4	
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	02 00 00 S	01 45 00 S
LONGITUDE	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	54 15 00	55 00 00
ABCISSA - X	0395	0207	0340	0180	0175	0203	0319	0326	0202	0457
ORDENADA - Y	0002	0037	0197	0025	0032	0050	0197	0184	0196	0061
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. CICLOG.										
MAT. COLET.	ALUV	ALUV	ALUV	ALUV	ALUV	ALUV	CNAR	ALUV	ALUV	ALUV
PLUVIOMETRIA	C	C	C	C	C	C	C	C	C	C
TIPO VEGET.	C	A	A	C	C	C	C	E	A	C
SIT. TPCOG.										
SIT. AMOST.	C	C	C	A	A	C	C	B	A	C
ALTITUDE										
PRCF. AMOST.	0,60	0,10	0,20	0,00	0,00	0,00	0,60	0,00	0,00	
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRFD.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. UCCCH.										
LARGURA RIO	10	8		10	10	12	4	2	4	5
PROFUND. RIO	3,0	2,0	3,0	3,5	3,5	4,0	4,0	0,5	1,0	0,5
VELOC. CORP.	1	1	1	0	0	1	2	0	0	2
NIVEL AGUA	1	1	1	0	0	1	1	1	1	1
AREA DEFENAG.	2	1	1	1	1	2	1	1	1	2
TURB. AGUA	0	0				0		0		0
POS. COLETA	C	C	C	C	C	C	C	C	C	C
COP AGUA	C	C	C			A	I	A		
GRAU AKRED.	B			C	C	D		A		
VCL. CRIGIN.	10	10	10	10	10	10	10	10	10	10
PESO CONC.										
GRANULEMET.				AF	AF	AF				
TEXT. SUDIM.		02	2161	18	18	18		9	71	2
CON SEC. /SL.				C	C	C		C	C	C
HORIZ. SUDO										
TIPO SUDO										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	DAT965	DAT966	CAT967	DAT969	DAT970	DAT971	DAT972	DAT973	DAT974	DAT976
		JF0165	JE0168	JE0171	PP0270	PP0272	PP0273	TA0036	JP0033	JP0066	AM0677
MIN-BER.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MIN-LIT.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GLAUCCN.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FOSFATO		1 %	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %
CLIVINA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
LEUCOX.		1 %	1 %	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	1 %	1 %	1 %
CARBON.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
APATITA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EAPITINA		NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FLOFITA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BROOKITA		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICAS		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
FRAG.FCH.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
N.IDENT.		NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	1 %	NAO DET.
OX.FERFO		1 %	1 %	1 %	15 %	NAO DET.	3 %	15 %	60 %	3 %	NAO DET.
P TOT(G)		82,000	101,400	26,600	236,300	49,500	170,500	220,700	37,500	237,000	30,200
P CRT(G)		40,900	12,500	NAO DET.	8,200	7,700	7,000	9,100	19,800	9,500	15,800
P COC(G)		5,000	4,100	0,800	6,700	1,200	5,200	7,100	4,400	9,200	5,300

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	DAT977	DAT978	DAT980	DAT901	DAT982	DAT983	DAT984	DAT985	DAT986	DAT987
NUM. CAMPO	AM0702	AM0707	JAOC42	ES0113	CF0227	CF0238	CF0241	CF0242	CF0256	CF0267
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROFUNDIDADE	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA21XDVI	SA21XDVI	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-1	D-V-1	3	3	-D-V-2	D-V-1	D-V-1	D-V-1	D-V-1	-D-V-3
BASE CART.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78	01/78
LATITUDE	01 45 00 S	01 45 00 S	02 00 00 S	02 00 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	02 00 00 S
LONGITUDE	55 00 00	55 00 00	54 30 00	54 30 00	54 45 00	55 00 00	55 00 00	55 00 00	55 00 00	55 00 00
ABCISSA - X	0284	0418	0310	0338	0120	0320	0326	0331	0524	0469
ORDENADA - Y	0274	0018	0405	0282	0545	0100	0186	0095	0180	0480
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	B	B	B	B	B	B	B	B	B	B
TIPO AMOST.	A	A	A	A	A	A	A	A	A	A
FONTE AMOST.	L	L	L	L	L	L	L	L	L	L
ROCHA PEG.	G	G	B	G	B	B	B	B	B	B
ID. GEOLÓG.										
MAT. COLET.	CSCL	CSCL	AREA	CSCL	AREA	AREA	AREA	AREA	AREA	AREA
PLUVIOSIDADE	B	B	A	A	C	C	C	C	C	C
TIPO VEGET.	C	A	B	C	C	C	C	C	C	C
SIT. TOPOG.										
SIT. AMOST.	A	A	A	A	A		C	C	C	C
ALTITUDE										
PROF. AMOST.				0,30						
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.										
TIPO ALTER.										
TIPO MINER.										
DEP. CCCOR.										
LARGURA RIO	4	6	3	3	10	4	4	4	4	4
PROFUND. RIO			0,8	0,3	4,0	2,0	2,0	2,0	2,5	1,5
VELOC. CORR.										
NIVEL AGUA										
AREA DEFENAG.	2	2	2	1	2	2	2	2	2	1
TURB. AGUA										
PCS. COLETA	C	C	C		C	C	C	C	C	C
CON. AGUA										
GRAU ARRED.										
VOL. FRIGIN.	10	10	10	10	10	10	10	10	10	10
PESO CONC.										
GRANULOMET.				AB						
TEXT. SEDIM.			63 1	43111						
CON. SEC./SL.										
HORIZ. SELC										
TIPO SELC										

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT977 AM0702	DAT978 AM0707	DA1980 JA0042	CAT981 ES0113	DAT982 CF0227	DAT983 CF0238	DAT984 CF0241	DAT985 CF0242	DAT986 CF0256	DAT987 CF0267
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLY										
PH						4,7	5,0	5,0	5,2	5,0
METAL TCTAL										
COEIF. LIVRE	4 10	5 10	4 10	5 10	7E10	5710	5710	5710	3920	5750
PARAMETROS ANALITICOS										
MAGNET.	3 %	15 %	15 %	15 %	3 %	3 %	3 %	1 %	3 %	15 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ILMENITA	85 %	85 %	60 %	40 %	60 %	3 %	15 %	85 %	85 %	15 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COL-TAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
VOLFRAM.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SCHEIL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
RUTILO	1 %	1 %	3 %	3 %	3 %	15 %	15 %	1 %	1 %	3 %
CRONITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MONAZITA	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	1 %
ZIRCAC	15 %	3 %	40 %	40 %	40 %	60 %	60 %	3 %	3 %	15 %
XENOT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANATASIO	1 %	1 %	1 %	3 %	1 %	3 %	3 %	1 %	1 %	NAO DET.
PIROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MICROCL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DURO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CALCCP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESFANEL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CINABRICO	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	NAO DET.	1 %	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %
GRANADA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.
PIROXEN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1 %	1 %	NAO DET.
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MT-CLCP.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TURMAL.	1 %	1 %	3 %	1 %	3 %	15 %	3 %	1 %	1 %	1 %
CIANITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESTAIR.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ANDALUZ.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SILIMAN.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
EPIDOTO	NAO DET.	NAO DET.	NAO DET.	3 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
COPIOLIN	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
GARNITA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ESPIREL.	NAO DET.	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB.	NUM. CAMPO	MIN-BEF.	MIN-LIT.	GLAUCCN.	FOSFATO	OLIVINA	LEUCOX.	CARBON.	APATITA	BARITINA	FLUCHITA	TRONKITA	MICAS	FRAG.FCH	N. IDENT.	OX.FERRO	P. TOT(G)	P. CRT(G)	P. COC(G)	
	AM0702	AM0707	JA0042	FS0113	CF0227	CF0238	CF0241	CF0242	CF0256	CF0267										
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	3 %	3 %	3 %	1 %	1 %	1 %	3 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	1 %	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
	3 %	3 %	3 %	15 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %	1 %
	23,100	69,100	28,000	16,000	52,800	95,300	103,500	111,500	52,200	66,600										
	6,200	5,300	14,300	8,600	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.										
	4,300	4,800	2,600	4,500	5,800	0,700	7,700	2,400	15,100	16,000										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3.

NUM. LAB.	DAT988	DAT989	DAT990
NUM. CAMPO	CF0268	CF0276	CF0278
C. CUSTO	1554	1554	1554
S. CUSTO	270	270	270
PROCEDENCIA	RR	BB	BB
BASE CART.	SA-21-X-	SA-21-X-	SA-21-X-
BASE CART.	D-V-3	D-V-3	D-V-3
BASE CART.			
ESCALA	0050	0050	0050
DATA	01/78	01/78	01/78
LATITUDE	02 00 00 S	02 00 00 S	02 00 00 S
LONGITUDE	55 00 00	55 00 00	55 00 00
ABCISSA - X	0459	0450	0482
ORDENADA - Y	0480	0493	0500
UTM - LESTE			
UTM - NORTE			
NER. CENT.			

PARÂMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	B	B	B
TIPO AMST.	A	A	A
FORTE AMST.	L	L	L
ROCHA REC.	B	B	B
ID. CECLCG.			
MAT. CCLET.	AREA	AREA	AREA
PLUVIOSIDADE	C	C	C
TIPO VEGET.	C	C	C
SIT. TOPOG.			
SIT. AMST.	C	C	C
ALTITUDE			
PRCF. AMST.			
FORMA IGNEA			
SIT. ESTEUT.			
MATRIZ PFO.			
GRAU INTEMP.			
TIPO ALTER.			
TIPO MINER.			
DEP. CCCC.			
LARGURA RIO	4	3	4
PROFUND. RIO	1,5	1,5	1,5
VELOC. CORR.			
NIVEL AGUA			
AREA DRENAG.	1	2	2
TURB. ACUA			
PCS. CCLETA	C	C	C
COR ACUA			
GRAU ARRED.			
VCL. EPIGIN.	10	10	10
PFSO CCNC.			
GRANULOMET.			
TEMP. SUPERF.			
COR SEC./SL.			
HORIZ. SCLC			
TIPO SCLC			

CONCENTRADO DE BATEIA PROJ. S.A.M.A. ETAPA 3

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAT988 CF0268	DAT989 CF0276	DAT990 CF0278
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PARAMETROS ANALITICOS DE CAMPO

EH CVCLT			
PH	5,2	5,0	5,2
NETAL TCTAL			
CODIF. LIVRE	5750	5710	5710

PARAMETROS ANALITICOS

MAGNET.	15 %	3 %	3 %
HEMATITA	NAO DET.	NAO DET.	NAO DET.
ILMENITA	40 %	15 %	40 %
LIMONITA	NAO DET.	NAO DET.	NAO DET.
CASSIT.	NAO DET.	NAO DET.	NAO DET.
COI-TAN.	NAO DET.	NAO DET.	NAO DET.
VOIFRAM.	NAO DET.	NAO DET.	NAO DET.
SCHEEL.	NAO DET.	NAO DET.	NAO DET.
OX.-MAN.	NAO DET.	NAO DET.	NAO DET.
RUTILO	3 %	3 %	3 %
CRUMITA	NAO DET.	NAO DET.	NAO DET.
MONAZITA	NAO DET.	NAO DET.	NAO DET.
ZIRCOAO	15 %	15 %	40 %
XFNOI.	NAO DET.	NAO DET.	NAO DET.
ANATASIO	1 %	1 %	1 %
PEROCL.	NAO DET.	NAO DET.	NAO DET.
MICKEL.	NAO DET.	NAO DET.	NAO DET.
BUFD	NAO DET.	NAO DET.	NAO DET.
ARS.PIR.	NAO DET.	NAO DET.	NAO DET.
PIRITA	NAO DET.	NAO DET.	NAO DET.
MARCASS.	NAO DET.	NAO DET.	NAO DET.
CALCOF.	NAO DET.	NAO DET.	NAO DET.
GALENA	NAO DET.	NAO DET.	NAO DET.
ESFAPEL.	NAO DET.	NAO DET.	NAO DET.
CINABRID	NAO DET.	NAO DET.	NAO DET.
MOLIBD.	NAO DET.	NAO DET.	NAO DET.
DIAMANTE	NAO DET.	NAO DET.	NAO DET.
TOPAZIO	1 %	1 %	1 %
GRANADA	NAO DET.	NAO DET.	NAO DET.
PIROXEN.	NAO DET.	NAO DET.	NAO DET.
ANFIBOL.	NAO DET.	NAO DET.	NAO DET.
MI-CLOR.	NAO DET.	NAO DET.	NAO DET.
TUMAL.	1 %	1 %	1 %
CIANITA	NAO DET.	NAO DET.	NAO DET.
ESTAU.	1 %	1 %	1 %
ANDALUZ.	NAO DET.	NAO DET.	NAO DET.
SILIFAN.	NAO DET.	NAO DET.	NAO DET.
EPIDIO	NAO DET.	NAO DET.	NAO DET.
COFINDON	NAO DET.	NAO DET.	NAO DET.
TITANITA	NAO DET.	NAO DET.	NAO DET.
GAHNITA	NAO DET.	NAO DET.	NAO DET.
ESPIEL.	NAO DET.	NAO DET.	NAO DET.

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

*** D P C O E S ***	ARQUIVO	CT. SEL.	CT. MAT.	PROJETO	CENTRO DE CUSTO
0100000000	-FS280001-	2	0	--- ALENQUER MONTE ALEGRE	1554.310
	ARQUIVO DE ENTRADA			DESCRICAO	
	-FS280001-			--- ARQUIVO GERAL DO PROJETO ALENQUER MONTE ALEGRE	
	ARQUIVO DE SAIDA			DESCRICAO	
	-FS280LAT-			--- SOLOS - PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3	

CARTOES DE SELECAO DO SUB-ARQUIVO

CARTAO	CAMPO	VALORES PARA TESTE
04	14 . . .	L
02	00 . . .	DAR535 DAU220

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
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DAP614	AM0510								
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REGISTROS LIDOS	2095
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REGISTROS SELECIONADOS	1
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CPRM CADASTRO GEOQUIMICO

29.08.78 FLA. 1

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SOLUS - PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3

NUM. LAB. DAP614
NUM. CAMPO AM0510
C. CLSTC 1554
S. CLSTO 270
PROCEDENCIA BR
BASE CART. SA-21-X-
BASE CART. D-V-1
BASE CART.
ESCALA 0050
DATA 10/77
LATITUDE 01 45 00 S
LONGITUDE 55 00 00
ABSCISSA - X 0317
ORDENADA - Y 0545
UTM - LESTE
UTM - NORTE
MER. CENT.

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST. L
TIPO AMOST. A
FONTE AMOST. F
ROCHA REG. J
ID. GEOLG.
MAT. COLET. SOLO
PLUVIOSIDADE C
TIPO VEGET. C
SIT. TOPOG. C
SIT. AMOST. A
ALTITUDE
PROF. AMOST. 0,30
FORMA IGNEA
SIT. ESTRUT.
MATRIZ PED.
GRAU INTEMP.
TIPO ALTER.
TIPO MINER.
DEP. COCCR.
LARGURA FIO
PROFUND. RIO
VELOC. CORR.
NIVEL AGUA
AREA DRENAG.
TURB. AGUA
PGS. COLETA
COR AGUA
GRAU APRED.
VUL. CRICIN.
PESO CONC.
GRANULOMET.
TEXT. SECIM.
COR SEC./SL. J
HUMID. SOLO B
TEPO SOLO G

CPRM CADASTRO GEOQUIMICO

29.08.78 FLA. 2

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

SOLOS - PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3

NUM. LAB. DAR614
NUM. CAMPO AM0510
AMB. BICTICO

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE 2120

PARAMETROS ANALITICOS

CU-AA	8,000
PB-AA	18,000
ZN-AA	15,000
AG-AA	NAC DET.
CO-AA	-3,000
NI-AA	5,000
BI-AA	
CD-AA	
TE-AA	
AU-AA	
NA-AA 2	
K-AA 2	
CXCU-AA	
CR-AA	
SF-AA	
HG-AA	
SB-AA	
MO-AA	NAC DET.
W-AA	
AS-CCL	-10,000
SB-CCL	1,000
CXCU-COL	
MET PES	
CO-CCL	
MO-CCL	
W-COL	
P-COL	
SE-CCL	
U-COL	
FE-AA 2	1,700
MN-AA	120,000
CXZN -AA	
CXPB -AA	
V -AA	
CXNI -AA	
CXCO -AA	

CPRM OCORRENCIAS NA RECUPERACAO DE SUB-ARQUIVOS E CRIACAO DE MATRIZES
 SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

29.08.78 FLA. 1

*** OPCOES ***	ARQUIVO	CT. SFL.	CT. MAT.	PROJETO	CENTRO DE CUSTO
0100000000	-FS280001-	2	0	--- ALENQUER MONTE ALEGRE	--- 1554.310
ARQUIVO DE ENTRADA				DESCRICAO	
-FS280001-	---			ARQUIVO GERAL DO PROJETO ALENQUER MONTE ALEGRE	---
ARQUIVO DE SAIDA				DESCRICAO	
-FS2800RAT-	---			ROCHAS PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3	---

CARTOES DE SELECAO DO SUB-ARQUIVO

CARTAO	CAMPO	VALORES PARA TESTE
04	14 . . . R	
02	00 . . . DAR535 DAU228	

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
DAS252	AV0155	DAS253	AV0171	DAS254	AV0175B	DAS255	AV0185B	DAS256	AV0191	DAS257	AV0192
DAT744	PP0231A	DAT745	PP0277A	DAT746	CF0094	DAT747	CF010B	DAT748	CF011B	DAT749	CF0122
DAT750	CF0126	DAT751	CF0128	DAT755	AV0086	DAT756	PR0577E	DAT757	AM0591	DAT758	AM0607
DAU227	AM0686J	DAU228	PP0233								

REGISTROS LIDOS " 2095

REGISTROS SELECIONADOS 20

ROCHAS PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3

NUM. LAB:	DAS252	DAS253	DAS254	DAS255	DAS256	DAS257	DAT744	DAT745	DAT746	DAT747
NUM. CAMPO	AV0155	AV0171	AV0175D	AV0185B	AV0191	AV0192	PP0231A	PP0277A	CF0094	CF0103
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	270	270	270	270	270	270	270	270	270	270
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDVI	SA21XDVI	SA21XDVI	SA21XBVI	SA21XDVI	SA21XDVI	SA21XD V	SA21XD V	SA-21-X	SA-21-X-
BASE CART.	1	1	1	1	1	1	1 2	1 2	-0-V-2	0-V-2
BASE CAPT.										
ESCALA	0050	0050	0050	0050	0050	0050	0050	0050	0050	0050
DATA	10/77	10/77	10/77	10/77	10/77	10/77	01/78	01/78	11/77	11/77
LATITUDE	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S	01 45 00 S
LONGITUDE	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 30 00	54 15 00	54 15 00	54 45 00	54 45 00
ABCISSA - X	0417	0402	0200	0108	0186	0177	0513	0483	0348	0219
ORDENADA - Y	0398	0344	0316	0301	0264	0269	0051	0048	0335	0347
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	K	R	R	R	R	R	R	R	R	R
TIPO AMST.	A	B	A	A	A	A	A	A	A	A
FONTE AMST.	A	A	A	A	A	A	A	A	A	A
ROCHA PEG.	B	B	J	J	J	J	B	B	B	B
ID. GEOLG.									GS	GS
MAT. CELET.	LTRT	LTRI	CPIR	CPIR	FLH	FLHH	CALC	CALC	SLTT	SLTT
PLUVIOSIDADE	A	A	A	A	A	A	B	B		
TIPO VEGET.	E	E					A	A		
SIT. TOPOG.		C					B	B		
SIT. AMST.										
ALTITUDE										
PROF. AMST.										
FORMA IGUA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	A	B	B	A	A	A	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEF. CCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CCCR.										
NIVEL AGUA										
ARIA DRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU ABRIE.										
VOL. ORIGIN.										
PESO CONC.										
GRANULMET.										
TEXT. SECIM.										
COR SED./SL.										
HORIZ. SCIO										
TIPO SCLC										

CPRM CADASTRO GEOQUIMICO

29.08.78

FLA. 3

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

RUCHAS PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3

NUM. LAB. NUM. CAMPO CXC- CR-AA SE-AA HG-AA SB-AA MO-AA W-AA	DAS252 AV0155	DAS253 AV0171	DAS254 AV0175B	DAS255 AV0185B	DAS256 AV0191	DAS257 AV0192	DAT744 PP0231A	DAT745 PP0277A	DAT746 CF0094	DAT747 CF0108
	8,000	14,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET. NAO DET.	NAO DET. NAO DET.	NAO DET. NAO DET.	NAO DET. NAO DET.
AS-COL	20,000	40,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000
SR-COL	-1,000	2,000	NAO DET.	-1,000	-1,000	-1,000				
CXC-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-COL										
U-COL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS PROJ SULFETOS ALENQUER MONTE ALEGRE ETAPA 3

NUM. LAB. NUM. CAMPO	DAT748 CF0118	DAT749 CF0122	DAT750 CF0126	DAT751 CF0128	DAT755 AV0086	DAT756 PR0577E	DAT757 AM0591	DAT758 AM06J7	DAU227 AM0686B	DAU228 PP0233
CXCU-AA										
CR-AA										
SF-AA										
HC-AA										
SD-AA	3,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,000	-1,000	NAO DET.	NAO DET.	NAO DET.
MD-AA	100,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	3,000	NAO DET.	NAO DET.	NAO DET.
W-AA										
AS-CCL	10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MT PFS										
CO-CCL										
MC-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL	60,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	INTERFER.	-10,000	-10,000

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

*** OPCOES ***

ARQUIVO	CT. SEL.	CT. MAT.	PROJETO	CENTRO DE CUSTO
0100000000	-FS280001-	2	0 --- ALENQUER MONTE ALEGRE	--- 1554.310

ARQUIVO DE ENTRADA

DESCRICAO

-FS280001-

--- ARQUIVO GERAL DO PROJETO ALENQUER MONTE ALEGRE ---

ARQUIVO DE SAIDA

DESCRICAO

-FS280SUB-

--- FOLHAS TESTEMUNHOS SONDAEM PROJ.SULFETOS ALENQUER M.ALEGRE ---

CARTOES DE SELECAO DO SUB-ARQUIVO

CARTAO	CAMPO	VALORES PARA TESTE
04	14 R	
02	00 DAV229 DAV281	

SISTEMA DE ESTATISTICA DE AMOSTRAGEM GEOQUIMICA

LISTAGEM DAS AMOSTRAS SELECIONADAS

N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO	N. LAB.	N. CAMPO
DAV067	JP0077	DAV068	JPC078	DAV069	JP0079	DAV070	JP0080	DAV071	JP0081	DAV072	JP0082
DAV073	JP0083	DAV074	JPC084	DAV075	JP0085	DAV076	JP0086	DAV077	JP0087	DAV078	JP0088
DAV079	JP0089	DAV080	JPC090	DAV081	JP0091	DAV082	JP0092	DAV083	JP0093	DAV084	JP0094
DAV085	JP0095	DAV086	JPC096	DAV087	JP0097	DAV088	JP0098	DAV089	JP0099	DAV090	JP0100
DAV091	JP0101	DAV092	JPC102	DAV093	JP0103	DAV094	JP0104	DAV095	JP0105	DAV096	JP0106
DAV097	JP0107	DAV098	JPC108	DAV099	JP0109	DAV100	JP0110	DAV101	JP0111	DAV102	JP0112
DAV103	JP0113	DAV104	JPC114	DAV105	JP0115	DAV106	JP0116	DAV107	JP0117	DAV108	JP0118
DAV109	JP0119	DAV110	JPC120	DAV111	JP0121	DAV112	JP0122	DAV113	JP0123	DAV114	JP0124
DAV115	JP0125	DAV116	JPC126	DAV117	JP0127	DAV118	JP0128	DAV119	JP0129	DAV120	JP0130
DAV121	JP0131	DAV122	JPC132	DAV123	JP0133	DAV124	JP0134	DAV125	JP0135	DAV126	JP0136
DAV127	JP0137	DAV128	JPC138	DAV129	JP0139	DAV130	JP0140	DAV131	JP0141	DAV132	JP0142
DAV133	JP0143	DAV134	JPC144	DAV135	JP0145	DAV136	JP0146	DAV137	JP0147	DAV138	JP0148
DAV139	JP0149	DAV140	JP0150	DAV141	JP0151	DAV142	JP0152	DAV143	JP0153	DAV144	JP0154
DAV145	JP0155	DAV146	JPC156	DAV147	JP0157	DAV148	JP0158	DAV149	JP0159	DAV150	JP0160
DAV151	JP0161	DAV152	JPC162	DAV153	JP0163	DAV154	JP0164	DAV155	JP0165	DAV156	JP0166
DAV157	JP0167	DAV158	JPC168	DAV159	JP0169	DAV160	JP0170	DAV161	JP0171	DAV162	JP0172
DAV163	JP0173	DAV164	JPC174	DAV165	JP0175	DAV166	JP0176	DAV167	JP0177	DAV168	JP0178
DAV169	JP0179	DAV170	JP0180	DAV171	JP0181	DAV172	JP0182	DAV173	JP0183	DAV174	JP0184
DAV175	JP0185	DAV176	JPC186	DAV177	JP0187	DAV178	JP0188	DAV179	JP0189	DAV180	JP0190
DAV181	JP0191	DAV182	JPC192	DAV183	JP0193	DAV184	JP0194	DAV185	JP0195	DAV186	JP0196
DAV187	JP0197	DAV188	JPC198	DAV189	JP0199	DAV190	JP0200	DAV191	JP0201	DAV192	JP0202
DAV193	JP0203	DAV194	JPC204	DAV195	JP0205	DAV196	JP0206	DAV197	JP0207	DAV198	JP0208
DAV199	JP0209	DAV200	JPC210	DAV201	JP0211	DAV202	JP0212	DAV203	JP0213	DAV204	JP0214
DAV205	JP0215	DAV206	JPC216	DAV207	JP0217	DAV208	JP0218	DAV209	JP0219	DAV210	JP0220
DAV211	JP0221	DAV212	JPC222	DAV213	JP0223	DAV214	JP0224	DAV215	JP0225	DAV216	JP0226
DAV217	JP0227	DAV218	JPC228	DAV219	JP0229	DAV220	JP0230	DAV221	JP0231	DAV222	JP0232
DAV223	JP0233	DAV224	JPC234	DAV225	JP0235	DAV226	JP0236	DAV227	JP0237	DAV228	JP0238
DAV229	JP0239	DAV230	JPC240	DAV231	JP0241	DAV232	JP0242	DAV233	JP0243	DAV234	JP0244
DAV235	JP0245	DAV236	JPC246	DAV237	JP0247	DAV238	JP0248	DAV239	JP0249	DAV240	JP0250
DAV241	JP0251	DAV242	JPC252	DAV243	JP0253	DAV244	JP0254	DAV245	JP0255	DAV246	JP0256
DAV247	JP0257	DAV248	JP0258	DAV249	JP0259	DAV250	JP0260	DAV251	JP0261	DAV252	JP0262
DAV253	JP0263	DAV254	JPC264	DAV255	JP0265	DAV256	JP0266	DAV257	JP0267	DAV258	JP0268
DAV259	JP0269	DAV260	JPC270	DAV261	JP0271	DAV262	JP0272	DAV263	JP0273	DAV264	JP0274
DAV265	JP0275	DAV266	JPC276	DAV267	JP0277	DAV268	JP0278	DAV269	JP0279	DAV270	JP0280
DAV271	JP0281	DAV272	JPC282	DAV273	JP0283	DAV274	JP0284	DAV275	JP0285	DAV276	JP0286
DAV277	JP0287	DAV278	JPC288	DAV279	JP0289	DAV280	JP0290	DAV281	JP0291		

REGISTROS LIDOS 2310

REGISTROS SELECIONADOS 215

BT. 111

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV067	DAV068	DAV069	DAV070	DAV071	DAV072	DAV073	DAV074	DAV075	DAV076
NUM. CAMPO	JP0077	JP0078	JP0079	JP0080	JP0081	JP0082	JP0083	JP0084	JP0085	JP0085
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSIO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
FSCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0252	0252	0252	0252	0252	0252	0252	0252	0252	0252
ORDENADA - Y	0194	0194	0194	0194	0194	0194	0194	0194	0194	0194
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. CCLET.	FLHH	FLHH	FLHH	FLHH	FLHH	ARNT	ARNT	ARNT	ARNT	ARNT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	4,00	5,00	6,00	7,00	8,00	9,00	10,00	11,00	12,00	13,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTemp.	B	B	B	C	C	C	C	C	C	C
TIPO ALTER.	B	B	B							
TIPO MINER.										
DEP. CCCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CCRR.										
NIVEL AGUA										
AREA DFENAG.										
TURB. AGUA										
PCS. CCLETA										
COR AGUA										
GRAU APREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

RUCHAS TESTEMUNHOS SONDA GEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV067	DAV068	DAV069	DAV070	DAV071	DAV072	DAV073	DAV074	DAV075	DAV076
NUM. CAMPO	JP0077	JP0078	JP0079	JP0080	JP0081	JP0082	JP0083	JP0084	JP0085	JP0086
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
 PH
 METAL TCTAL
 CODIF. LIVRE

PARAMETROS ANALITICOS

	B	B	B	B	B	C	C	C	E	E
FE-S %	10,000	10,000	10,000	7,000	7,000	7,000	5,000	10,000	5,000	10,000
MG-S %	2,000	2,000	2,000	1,500	3,000	2,000	2,000	3,000	2,000	5,000
CA-S %	0,200	0,200	0,150	0,200	0,300	0,500	0,500	0,500	0,300	1,500
TI-S %	1,000	0,700	0,700	1,000	1,000	0,500	0,300	0,700	0,700	0,700
MN-S	200,000	100,000	300,000	150,000	150,000	150,000	500,000	300,000	150,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	150,000	100,000	150,000	100,000	200,000	10,000	10,000	20,000	100,000	10,000
BA-S	3000,000	1500,000	2000,000	1500,000	2000,000	1000,000	5000,000	5000,000	1500,000	2000,000
BE-S	2,000	1,500	2,000	1,000	1,500	1,000	1,000	1,000	1,500	1,000
BT-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	30,000	20,000	15,000	15,000	15,000	20,000	15,000	30,000
CR-S	150,000	100,000	150,000	150,000	150,000	70,000	50,000	100,000	150,000	500,000
CU-S	7,000	-5,000	5,000	20,000	7,000	200,000	20,000	5,000	-5,000	150,000
LA-S	70,000	50,000	70,000	70,000	70,000	50,000	50,000	50,000	30,000	50,000
MO-S	NAO DET.	NAO DET.	-5,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NB-S	20,000	10,000	10,000	15,000	10,000	10,000	-10,000	-10,000	-10,000	-10,000
NI-S	100,000	70,000	100,000	100,000	70,000	50,000	50,000	70,000	70,000	70,000
PB-S	-10,000	-10,000	-10,000	-10,000	-10,000	50,000	-10,000	-10,000	-10,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	20,000	20,000	20,000	10,000	10,000	15,000	15,000	20,000
SN-S	-10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000
SR-S	NAO DET.	NAO DET.	NAO DET.	100,000	100,000	-100,000	100,000	100,000	200,000	500,000
V-S	200,000	150,000	200,000	200,000	200,000	150,000	100,000	150,000	150,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	50,000	30,000	30,000	30,000	30,000	30,000	50,000
ZN-S	200,000	300,000	300,000	500,000	500,000	1000,000	200,000	-200,000	NAO DET.	-200,000
ZR-S	300,000	200,000	300,000	500,000	300,000	200,000	300,000	200,000	200,000	150,000
MN-Q										
CL-Q										
RI-Q										
S-O %	0,030	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,040	0,060	0,040	NAO DET.
MO-Q %										
K-C %										
C FIX										
SNO2-Q										
BEC-Q										
LI2O-Q										
CU-AA	5,000	-3,000	5,000	18,000	8,000	110,000	17,000	6,000	-3,000	70,000
PB-AA	4,000	-3,000	-3,000	3,000	-3,000	28,000	-3,000	4,000	NAO DET.	14,000

16.153 - MUL. 21FORMAS - 813-9132 - S.P.

S. F. A. G.

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

RJCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV067 JP0077	DAV068 JP0078	DAV069 JP0079	DAV070 JP0080	DAV071 JP0081	DAV072 JP0082	DAV073 JP0083	DAV074 JP0084	DAV075 JP0085	DAV076 JP0086
ZN-AA	120,000	170,000	220,000	250,000	250,000	680,000	210,000	90,000	22,000	130,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	1,000	1,000	3,000	0,500	1,000	0,500	0,500	1,000	0,500	0,500
TF-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CD-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL										

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO C. CUSTO S. CLSTO PROCEDENCIA BASE CART. BASE CART. BASE CART. ESCALA DATA LATITUDE LONGITUDE ARCISSA - X ORDENADA - Y UTM - LESTE UTM - NORTE MER. CENT.	DAV077 JPO087 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 00 0000 0000	DAV078 JPO088 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV079 JPO089 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV080 JPO090 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV081 JPO091 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV082 JPO092 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV083 JPO093 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV084 JPO094 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV085 JPO095 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194	DAV086 JPO096 1554 350 BB SA21XDV4 0010 07/78 01 50 37 S 54 44 11 0252 0194
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PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST. TIPO AMCST. FONTE AMCST. ROCHA PEC. ID. GEOLCG. MAT. CCLET. PLUVIOSIDADE TIPO VEGET. SIT. TCPCG. SIT. AMCST. ALTITUDE PROF. AMCST. FORMA IGNEA SIT. ESTFUT. MATRIZ PRED. GRAU INTEMP. TIPO ALTER. TIPO MINER. DEP. CCCCR. LARGURA RIO PROFUND. RIO VELOC. CCRR. NIVEL AGUA AREA DRENAG. TURB. AGUA POS. CCLETA COR AGUA GRAU ARREC. VOL. ORIGIN. PESO CCAG. GRANULOMET. TEXT. SECIM. COR SEC./SL. HORIZ. SCLD TIPO SCLD	R B B B ARNT 13,00 C	R B B B ARNT 14,00 C	R B B B ARNT 15,00 C	R B B B ARNT 16,00 C	R B B B ARNT 17,00 C	R B B B ARNT 18,00 C	R B B B ARNT 19,00 C	R B B B ARNT 20,00 C	R B B B ARNT 21,00 C	R B B B FLHH 22,00 C
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FOLHAS TESTEMUNHOS SONDADEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAV077 JP0087	DAV078 JP0088	LAV079 JP0089	DAV080 JP0090	DAV081 JP0091	JAV082 JP0092	DAV083 JP0093	DAV084 JP0094	DAV085 JP0095	DAV086 JP0096
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT PH METAL TCTAL CODIF. LIVRE	1E	C	C	C	C	C	C	C	C	B
PARAMETROS ANALITICOS										
FE-S %	7,000	7,000	10,000	10,000	5,000	5,000	10,000	5,000	5,000	10,000
MG-S %	2,000	2,000	2,000	3,000	2,000	1,000	3,000	1,500	1,500	5,000
CA-S %	1,000	0,700	0,300	0,500	1,000	7,000	1,000	0,500	0,300	0,300
TI-S %	0,700	1,000	0,700	1,000	0,700	0,300	1,000	0,500	1,000	1,000
MN-S	1500,000	200,000	200,000	200,000	200,000	1500,000	200,000	500,000	100,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	10,000	20,000	70,000	50,000	30,000	70,000	50,000	100,000	100,000
BA-S	1500,000	500,000	500,000	500,000	1000,000	1000,000	500,000	500,000	700,000	700,000
BE-S	1,500	-1,000	1,000	2,000	1,500	-1,000	1,000	1,000	1,500	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	50,000	30,000	20,000	20,000	15,000	50,000	10,000	20,000
CP-S	200,000	300,000	100,000	150,000	100,000	50,000	150,000	70,000	100,000	200,000
CU-S	100,000	50,000	100,000	20,000	30,000	5,000	7,000	50,000	-5,000	-5,000
LA-S	50,000	50,000	70,000	100,000	30,000	20,000	100,000	20,000	70,000	100,000
MO-S	NAO DET.	-5,000	5,000	10,000	NAO DET.	5,000	5,000	NAO DET.	NAO DET.	5,000
NB-S	10,000	10,000	10,000	10,000	10,000	-10,000	10,000	-10,000	10,000	10,000
NI-S	70,000	70,000	70,000	70,000	50,000	30,000	70,000	50,000	50,000	70,000
PB-S	50,000	50,000	500,000	10,000	20,000	NAO DET.	NAO DET.	200,000	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	20,000	15,000	10,000	20,000	10,000	20,000	20,000
SN-S	10,000	-10,000	-10,000	10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	NAO DET.	-10,000
SP-S	500,000	300,000	200,000	300,000	300,000	100,000	150,000	200,000	-100,000	100,000
V-S	150,000	150,000	150,000	200,000	150,000	100,000	200,000	150,000	200,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	50,000	50,000	30,000	20,000	50,000	30,000	50,000	50,000
ZN-S	-200,000	-200,000	1000,000	-200,000	NAO DET.	NAO DET.	-200,000	1000,000	200,000	NAO DET.
ZR-S	150,000	300,000	200,000	200,000	200,000	500,000	300,000	150,000	200,000	200,000
MN-C %										
CL-Q %										
BI-Q %										
S-Q %	NAO DET.	0,060	0,450	0,370	0,130	0,690	0,300	0,310	NAO DET.	0,040
MO-Q %										
K-C %										
C FIX %										
SNO2-G %										
BEC-G %										
LI2O-Q %										
CU-AA	75,000	10,000	55,000	9,000	18,000	4,000	4,000	25,000	-3,000	-3,000
PB-AA	18,000	13,000	260,000	8,000	4,000	-3,000	-3,000	120,000	3,000	NAO DET.

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV077 JP0087	DAV078 JP0088	DAV079 JP0089	DAV080 JP0090	DAV081 JP0091	DAV082 JP0092	DAV083 JP0093	DAV084 JP0094	DAV085 JP0095	DAV086 JP0096
ZN-AA	120,000	110,000	540,000	70,000	55,000	15,000	50,000	750,000	160,000	8,000
AG-AA	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BT-AA										
CD-AA	0,500	0,500	1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.
TE-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-AA										
NA-AA 2										
K-AA 3										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	-1,000	-1,000	-1,000	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	20,000	-10,000	10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CGL										
W-COL										
P-COL										
SE-CCL										
U-COL										

S E A G

PROJETO ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAJEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV087	JAV088	DAV089	DAV090	DAV091	DAV092	DAV093	DAV094	DAV095	DAV096
NUM. CAMPO	JP0097	JP0098	JPC099	JP0100	JP0101	JP0102	JP0103	JP0104	JP0105	JP0106
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0252	0252	0252	0252	0252	0252	0252	0252	0252	0252
ORDENACA - Y	0194	0194	0194	0194	0194	0194	0194	0194	0194	0194
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	R	R	R	R	R	R	R	R	R	R
TIPO AMOST.	B	B	B	B	B	B	B	B	B	B
FONTF AMOST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. CCLET.	FLHH	FLHH	FLHH	ARNT	ARNT	ARNT	ARNT	FLHH	FLHH	FLHH
PLUVICIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.	23,00	23,00	24,00	25,00	26,00	27,00	28,00	29,00	30,00	31,00
FOPMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTEP.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO										
PROFUND. RIO										
VFLOC. CORR.										
NIVEL AGUA										
AREA DFENAG.										
TURB. AGUA										
POS. CCLETA										
COR AGUA										
GRAU ARREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV087	DAV088	DAV089	DAV090	DAV091	DAV092	DAV093	DAV094	DAV095	DAV096
NUM. CAMPO	JP0097	JP0098	JP0099	JP0100	JP0101	JP0102	JP0103	JP0104	JP0105	JP0106
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
 PH
 METAL TCTAL
 CODIF. LIVRE

B 1B B E C C C B B B

PARAMETROS ANALITICOS

FE-S %	7,000	7,000	5,000	3,000	7,000	3,000	7,000	7,000	5,000	7,000
MG-S %	2,000	2,000	2,000	1,000	2,000	1,500	2,000	2,000	1,500	2,000
CA-S %	0,200	0,200	0,200	0,300	0,700	2,000	2,000	0,700	5,000	1,000
TI-S %	1,000	1,000	1,000	0,500	0,700	0,500	0,700	0,700	0,700	0,700
MN-S	150,000	150,000	150,000	170,000	150,000	500,000	300,000	150,000	300,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	150,000	150,000	70,000	70,000	30,000	50,000	100,000	70,000	150,000
BA-S	500,000	500,000	700,000	700,000	1500,000	1000,000	300,000	500,000	300,000	700,000
BE-S	2,000	2,000	5,000	1,500	1,500	1,000	1,000	2,000	1,500	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	30,000	30,000	20,000	20,000	15,000	20,000	50,000	20,000	30,000
CR-S	100,000	150,000	150,000	70,000	150,000	70,000	100,000	150,000	150,000	150,000
CU-S	7,000	5,000	30,000	7,000	30,000	100,000	5,000	7,000	30,000	30,000
LA-S	100,000	100,000	100,000	50,000	100,000	70,000	100,000	100,000	100,000	100,000
MO-S	-5,000	-5,000	5,000	10,000	-5,000	-5,000	5,000	-5,000	20,000	10,000
NB-S	10,000	10,000	10,000	-10,000	10,000	-10,000	10,000	10,000	-10,000	10,000
NI-S	70,000	70,000	70,000	50,000	70,000	50,000	50,000	70,000	50,000	70,000
PB-S	-10,000	10,000	-10,000	NAO DET.	-10,000	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	15,000	20,000	15,000	15,000	20,000	20,000	20,000
SN-S	-10,000	10,000	-10,000	NAO DET.	-10,000	NAO DET.	-10,000	10,000	-10,000	-10,000
SR-S	-100,000	-100,000	-100,000	100,000	150,000	150,000	200,000	100,000	500,000	150,000
V-S	150,000	150,000	150,000	100,000	150,000	100,000	150,000	150,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	30,000	50,000	70,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	150,000	150,000	200,000	200,000	200,000	200,000	150,000	150,000	150,000
MN-Q %										
CL-Q %										
RI-Q %										
S-Q %	0,150	0,140	0,110	0,320	0,490	0,120	0,150	1,700	0,800	1,050
MO-Q %										
K-G %										
C FIX %										
SND2-Q %										
BEC-Q %										
LI20-Q %										
CU-AA	-3,000	-3,000	40,000	3,000	16,000	90,000	-3,000	-3,000	-3,000	-3,000
PB-AA	NAO DET.	5,000	-3,000	NAO DET.	NAO DET.	-3,000	-3,000	NAO DET.	5,000	NAO DET.

16.153 - MULTIFORMAS - 013-0132 - S.P.

ROCHAS TESTEMUNHOS SONDAGEM PROJ.SULFETOS ALENQUER M.ALEGRE

NUM. LAB.	DAV087	DAV088	DAV089	DAV090	DAV091	DAV092	DAV093	DAV094	DAV095	DAV096
NUM. CAMPO	JP0097	JP0098	JP0099	JP0100	JP0101	JP0102	JP0103	JP0104	JP0105	JP0106
ZN-AA	13,000	20,000	20,000	10,000	15,000	9,000	9,000	6,000	25,000	8,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BT-AA										
CD-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SF-AA										
HG-AA										
SB-AA	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	NAO DET.	-1,000	-1,000	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	40,000	10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL										

ROCHAS TESTEMUNHOS SONFAGEM PROJ. SUELTOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMFO	DAV097 JP0107	DAV098 JP0108	DAV099 JP0109	DAV100 JP0110	DAV101 JP0111	DAV102 JP0112	DAV103 JP0113	DAV104 JP0114	DAV105 JP0115	DAV106 JP0116
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PRCCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0252	0252	0252	0252	0252	0252	0252	0252	0252	0252
ORDENADA - Y	0194	0194	0194	0194	0194	0194	0194	0194	0194	0194
UTM - LFSTE										
UTM - NCFTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. CCLET.	FLHH	FLHH	FLHH	ARNT	CALC	CALC	CALC	CALC	CALC	FLHH
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	32,00	33,00	33,00	34,00	35,00	36,00	37,00	38,00	39,00	40,00
FORMA IGNEA										
SIT. ESTFUT.										
MATRIZ PFED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CCRR.										
NIVEL AGUA										
AREA OPENAG.										
TURB. AGUA										
POS. CCLETA										
COP. AGLA										
GRAU ARREC.										
VOL. OPIGIN.										
PESO CCNC.										
GRANULMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

15.153 - MULTIFORMAS - 013-0132 - S.P.

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALIENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAV097 JP0107	DAV098 JP0108	DAV099 JP0109	DAV100 JP0110	DAV101 JP0111	DAV102 JP0112	DAV103 JP0113	DAV104 JP0114	DAV105 JP0115	DAV106 JP0116
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PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

F F IF G D D D D D B

PARAMETROS ANALITICOS

FE-S %	7,000	5,000	5,000	2,000	7,000	0,500	3,000	2,000	3,000	5,000
MG-S %	2,000	1,500	1,500	1,000	10,000	0,500	7,000	5,000	0,500	1,500
CA-S %	2,000	2,000	1,500	5,000	+20,000	+20,000	+20,000	+20,000	20,000	2,000
TI-S %	0,700	0,700	0,700	0,500	0,200	0,070	0,300	0,100	-0,500	0,500
MN-S	200,000	200,000	200,000	500,000	+5000,000	1500,000	1000,000	1500,000	500,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.	NAO DET.	2,000	5,000	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	100,000	50,000	NAO DET.	10,000	50,000	100,000	50,000	100,000
BA-S	300,000	700,000	500,000	1500,000	+5000,000	3000,000	1500,000	200,000	1500,000	1000,000
BE-S	2,000	1,500	2,000	1,000	NAO DET.	NAO DET.	1,500	1,000	1,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	-20,000	-20,000	NAO DET.	-20,000	INTERFER.	NAO DET.	NAO DET.
CO-S	50,000	30,000	20,000	15,000	5,000	NAO DET.	50,000	10,000	50,000	50,000
CR-S	150,000	150,000	150,000	100,000	70,000	50,000	150,000	70,000	100,000	100,000
CU-S	5,000	7,000	7,000	10,000	20,000	20,000	500,000	50,000	150,000	15,000
LA-S	150,000	70,000	50,000	50,000	20,000	NAO DET.	70,000	20,000	30,000	50,000
MO-S	20,000	5,000	-5,000	NAO DET.	NAO DET.	NAO DET.	5,000	30,000	20,000	5,000
NB-S	10,000	10,000	10,000	10,000	NAO DET.	NAO DET.	-10,000	-10,000	-10,000	10,000
NI-S	70,000	70,000	70,000	50,000	5,000	NAO DET.	50,000	20,000	50,000	70,000
PB-S	NAO DET.	NAO DET.	NAO DET.	1000,000	50,000	NAO DET.	100,000	500,000	50,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	15,000	NAO DET.	NAO DET.	15,000	10,000	15,000	15,000
SN-S	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000
SR-S	200,000	150,000	150,000	200,000	500,000	500,000	500,000	500,000	700,000	500,000
V-S	150,000	150,000	150,000	100,000	10,000	20,000	100,000	50,000	100,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	50,000	20,000	15,000	30,000	20,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	1000,000	2000,000	NAO DET.	200,000	2000,000	NAO DET.	NAO DET.
ZR-S	150,000	150,000	150,000	700,000	5,000	100,000	100,000	50,000	200,000	150,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	1,130	1,370	0,940	0,750	0,830	0,220	0,310	1,100	2,340	1,830
MO-Q %										
K-C %										
C FIX %										
SN02-Q %										
BE0-Q %										
LI20-Q %										
CU-AA	NAO DET.	8,000	4,000	6,000	10,000	50,000	250,000	50,000	65,000	15,000
PB-AA	NAO DET.	-3,000	NAO DET.	720,000	17,000	8,000	55,000	130,000	35,000	8,000

16.153 - MULTIFORMAS - 013-9132 - S.P.

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV097 JP0107	DAV098 JP0108	DAV099 JP0109	DAV100 JP0110	DAV101 JP0111	DAV102 JP0112	DAV103 JP0113	DAV104 JP0114	DAV105 JP0115	DAV106 JP0116
ZN-AA	4,000	14,000	7,000	700,000	1900,000	0,000	220,000	1100,000	85,000	26,000
AG-AA	NAC DET.	NAO DET.	NAC DET.	NAO DET.	NAO DET.	NAO DET.	0,500	0,500	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	NAO DET.	2,000	2,500	NAO DET.	1,500	7,000	0,500	NAO DET.
TE-AA										
AU-AA	NAC DET.	0,350	NAC DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	-1,000	-1,000	1,000	NAO DET.	NAO DET.	NAO DET.	1,000	-1,000	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	10,000	10,000	-10,000	-10,000	60,000	40,000	10,000	20,000
SB-CCL										
CXCU-CCL										
MEI PES										
CO-CCL										
MO-CCL										
W-CCL										
P-CCL										
SE-CCL										
U-CCL										

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

KOLHAS TESTEMUNHOS SONFAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV107	DAV108	DAV109	DAV110	DAV111	DAV112	DAV113	DAV114	DAV115	DAV116
NUM. CAMFO	JPO117	JPO118	JPO119	JPO120	JPO121	JPO122	JPO123	JPO124	JPO125	JPO126
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0252	0252	0252	0252	0252	0252	0252	0252	0252	0252
ORDENADA - Y	0194	0194	0194	0194	0194	0194	0194	0194	0194	0194
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	R	R	R	R	R	R	R	R	R	R
TIPO AMOST.	B	B	B	B	B	B	B	B	B	B
FONTE AMOST.										
POCHA PEG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	FLHH	CALC	CALC	CALC	CALC	FLHH	FLHH	FLHH	CALC	CALC
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.	41,00	42,00	43,00	43,00	44,00	45,00	46,00	47,00	48,00	49,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA OPENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU APREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										

RUBRICAS TESTEMUNHOS SONDAAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV107	DAV108	DAV109	DAV110	DAV111	DAV112	DAV113	DAV114	DAV115	DAV116
NUM. CAMPO	JP0117	JP0118	JP0119	JP0120	JP0121	JP0122	JP0123	JP0124	JP0125	JP0126
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

PARAMETROS ANALITICOS

	B	F	D	10	F	F	F	F	D	G
FE-S %	7,000	2,000	2,000	2,000	3,000	5,000	10,000	1,500	1,000	3,000
MG-S %	3,000	1,000	1,000	1,500	1,500	1,000	2,000	0,700	1,000	7,000
CA-S %	5,000	+20,000	+20,000	+20,000	+20,000	1,500	15,000	+20,000	+20,000	20,000
TI-S %	0,700	0,200	0,100	0,150	0,200	0,700	0,500	0,100	0,050	0,200
MN-S	200,000	500,000	1000,000	1500,000	500,000	100,000	200,000	500,000	1000,000	700,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	200,000	20,000	15,000	20,000	50,000	150,000	50,000	10,000	20,000	20,000
PA-S	700,000	100,000	300,000	500,000	500,000	1000,000	500,000	150,000	70,000	1000,000
BF-S	2,000	-1,000	-1,000	-1,000	-1,000	1,500	1,000	-1,000	-1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	10,000	5,000	-5,000	5,000	5,000	50,000	5,000	-5,000	15,000
CR-S	150,000	50,000	70,000	50,000	100,000	150,000	150,000	100,000	70,000	70,000
CU-S	5,000	7,000	5,000	7,000	10,000	5,000	150,000	-5,000	5,000	30,000
LA-S	100,000	50,000	20,000	20,000	30,000	100,000	50,000	20,000	NAO DET.	30,000
MO-S	7,000	-5,000	NAO DET.	NAO DET.	NAO DET.	10,000	5,000	-5,000	NAO DET.	5,000
NB-S	10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000
NI-S	70,000	20,000	10,000	10,000	20,000	50,000	70,000	10,000	5,000	20,000
PB-S	-10,000	30,000	NAO DET.	-10,000	10,000	-10,000	30,000	NAO DET.	-10,000	-10,000
SH-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	10,000	5,000	5,000	15,000	20,000	20,000	5,000	-5,000	10,000
SN-S	-10,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	NAO DET.
SR-S	300,000	500,000	+5000,000	5000,000	2000,000	500,000	700,000	5000,000	2000,000	1000,000
V-S	150,000	70,000	50,000	50,000	100,000	150,000	150,000	50,000	30,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	20,000	20,000	30,000	50,000	50,000	20,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	300,000	200,000	150,000	150,000	200,000	150,000	100,000	20,000	150,000
MN-Q %										
CL-Q %										
BT-Q %										
S-Q %	1,290	0,040	0,100	0,150	0,170	0,330	1,160	0,240	0,070	NAO DET.
MO-Q %										
K-Q %										
C FIX %										
SNO2-Q %										
BEQ-Q %										
LI2O-Q %										
CU-AA	-3,000	16,000	6,000	4,000	4,000	-3,000	90,000	4,000	6,000	40,000
PB-AA	-3,000	60,000	8,000	8,000	8,000	-3,000	18,000	7,000	10,000	10,000

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S F A G

PROJETO - ALIQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHAS SONDAGEM PROJ. SULFETOS ALIQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV107 JP0117	DAV108 JP0118	DAV109 JP0119	DAV110 JP0120	DAV111 JP0121	DAV112 JP0122	DAV113 JP0123	DAV114 JP0124	DAV115 JP0125	DAV116 JP0126
ZN-AA	9,000	75,000	8,000	8,000	10,000	4,000	20,000	11,000	10,000	60,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	0,500	0,500	-0,500	0,500	NAO DET.	NAO DET.	-0,500	0,500	-0,500
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	20,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-COL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

S E A G

PROJETO ALIQUER MONTA ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHAS SONDAJEM PROJ. SULFETOS ALIQUER M. ALEGRE

NUM. LAB.	DAV117	DAV118	DAV119	DAV120	DAV121	DAV122	DAV123	DAV124	DAV125	DAV126
NUM. CAMPO	JP0127	JP0128	JP0129	JP0130	JP0131	JP0132	JP0133	JP0134	JP0135	JP0135
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROCEDECENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0252	0252	0252	0252	0252	0252	0252	0252	0252	0252
ORDENADA - Y	0194	0194	0194	0194	0194	0194	0194	0194	0194	0194
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	R	R	R	R	R	R	R	R	R	R
TIPO AMOST.	B	B	B	B	B	B	B	B	B	B
FONTE AMOST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	CALC
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.	50,00	51,00	52,00	53,00	53,00	54,00	55,00	56,00	57,00	58,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCP.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CCRR.										
NIVEL AGUA										
ARFA DRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU ARREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

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RUGHAS TESTEMUNHOS SONDAJEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO AMB. BICTICO	DAV117 JP0127	DAV118 JP0128	DAV119 JP0129	DAV120 JP0130	DAV121 JP0131	DAV122 JP0132	DAV123 JP0133	DAV124 JP0134	DAV125 JP0135	DAV126 JP0136
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT										
PH										
METAL TCTAL										
CODIF. LIVRE	G	G	G	G	IC	C	C	E	E	D
PARAMETROS ANALITICOS										
FE-S %	3,000	5,000	3,000	7,000	5,000	5,000	5,000	5,000	3,000	0,700
MG-S %	5,000	3,000	1,000	2,000	1,500	1,500	1,500	3,000	5,000	0,500
CA-S %	5,000	15,000	3,000	10,000	15,000	0,700	1,000	2,000	3,000	+20,000
TI-S %	0,300	0,300	0,500	0,300	0,300	0,700	0,700	0,500	0,500	0,030
MN-S	300,000	200,000	100,000	200,000	300,000	100,000	100,000	200,000	200,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	20,000	20,000	50,000	20,000	20,000	100,000	100,000	70,000	50,000	NAO DET.
BA-S	300,000	300,000	200,000	150,000	150,000	300,000	300,000	500,000	500,000	20,000
BE-S	1,000	1,000	-1,000	-1,000	-1,000	1,500	1,000	2,000	1,500	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	15,000	20,000	15,000	20,000	15,000	15,000	30,000	20,000	50,000	NAO DET.
CR-S	70,000	150,000	100,000	100,000	70,000	150,000	150,000	100,000	100,000	30,000
CU-S	10,000	7,000	7,000	10,000	5,000	-5,000	7,000	50,000	500,000	5,000
LA-S	50,000	70,000	70,000	70,000	50,000	70,000	50,000	50,000	30,000	NAO DET.
MO-S	-5,000	5,000	-5,000	NAO DET.	NAO DET.	-5,000	15,000	5,000	7,000	5,000
NB-S	-10,000	-10,000	10,000	-10,000	-10,000	10,000	10,000	10,000	10,000	-10,000
NI-S	30,000	50,000	50,000	30,000	30,000	70,000	70,000	50,000	50,000	5,000
PB-S	NAO DET.	-10,000	NAO DET.	NAO DET.	-10,000	-10,000	20,000	-10,000	50,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	30,000	15,000	15,000	10,000	20,000	20,000	20,000	15,000	NAO DET.
SN-S	NAO DET.	-10,000	NAO DET.	10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.
SR-S	500,000	500,000	200,000	200,000	200,000	150,000	150,000	300,000	300,000	500,000
V-S	100,000	100,000	100,000	100,000	70,000	150,000	150,000	150,000	100,000	20,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	30,000	50,000	50,000	50,000	50,000	30,000	30,000	15,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.
ZR-S	200,000	150,000	500,000	200,000	500,000	200,000	200,000	150,000	150,000	20,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	0,350	0,790	0,640	1,440	1,250	0,250	0,630	0,450	0,640	0,110
MO-Q %										
K-Q %										
C FIX %										
SN02-C %										
BEC-Q %										
LI20-Q %										
CU-AA	18,000	4,000	7,000	7,000	3,000	-3,000	7,000	45,000	350,000	9,000
PB-AA	3,000	6,000	-3,000	-3,000	-3,000	-3,000	6,000	15,000	14,000	9,000

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S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV117	DAV118	DAV119	DAV120	DAV121	DAV122	DAV123	DAV124	DAV125	DAV126
NUM. CAMPO	JP0127	JP0128	JP0129	JP0130	JP0131	JP0132	JP0133	JP0134	JP0135	JP0136
ZN-AA	50,000	30,000	10,000	11,000	9,000	8,000	10,000	110,000	13,000	10,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	0,500
TF-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	-1,000	-1,000	1,000	-1,000	1,000	1,000	-1,000	-1,000	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	20,000	10,000	-10,000	-10,000	-10,000	10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV127	DAV128	DAV129	DAV130	DAV131	DAV132	DAV133	DAV134	DAV135	DAV136
NUM. CAMPO	JPO137	JPO138	JPO139	JPO140	JPO141	JPO142	JPO143	JPO144	JPO145/	JPO145
C. CLSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0252	0252	0252	0252	0252	0252	0252	0252	0251	0251
ORDENADA - Y	0194	0194	0194	0194	0194	0194	0194	0194	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	R	R	R	R	R	R	R	R	R	R
TIPO AMOST.	B	B	B	B	B	B	B	B	B	B
FONTE AMOST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. COLET.	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT
PLUVIOSIDADE							FLHH		FLHH	
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.	59,00	60,00	61,00	62,00	63,00	63,00	64,00	65,00	5,00	6,00
FORMA IGAEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.									B	B
DEP. COCCR.									B	B
LARGURA PIC										
PROFUND. PIC										
VELOC. CCRR.										
NIVEL AGUA										
AREA CRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU AFREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLC										

RUBRICAS TESTEMUNHOS SONDAJEM PROJ. SULFETOS ALINQUER M. ALEGRE

NUM. LAB.	DAV127	DAV128	DAV129	DAV130	DAV131	DAV132	DAV133	DAV134	DAV135	DAV136
NUM. CAMPO	JP0137	JP0138	JP0139	JP0140	JP0141	JP0142	JP0143	JP0144	JP0145	JP0146
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

G E C F E IE B C B E

PARAMETROS ANALITICOS

FE-S %	5,000	7,000	7,000	5,000	10,000	5,000	10,000	7,000	-3,000	2,000
MG-S %	1,500	2,000	2,000	2,000	3,000	2,000	2,000	2,000	1,500	1,000
CA-S %	5,000	0,700	0,500	0,300	0,200	0,200	0,500	1,000	0,300	0,200
TI-S %	0,700	0,700	0,700	0,700	0,700	0,700	0,700	0,700	1,000	0,500
MN-S	200,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	150,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	70,000	100,000	100,000	100,000	150,000	100,000	200,000	100,000	100,000	100,000
BA-S	5000,000	1500,000	500,000	500,000	300,000	300,000	500,000	300,000	300,000	300,000
BE-S	1,000	1,500	1,000	2,000	2,000	2,000	2,000	2,000	2,000	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-20,000	-20,000
CO-S	20,000	30,000	30,000	30,000	50,000	20,000	50,000	30,000	50,000	20,000
CR-S	150,000	150,000	150,000	100,000	150,000	100,000	200,000	150,000	300,000	100,000
CU-S	50,000	5,000	5,000	-5,000	7,000	-5,000	-5,000	-5,000	100,000	7,000
LA-S	70,000	100,000	100,000	70,000	70,000	50,000	100,000	70,000	50,000	70,000
MO-S	5,000	10,000	10,000	5,000	15,000	10,000	15,000	10,000	NAO DET.	NAO DET.
NB-S	10,000	20,000	10,000	10,000	10,000	10,000	10,000	10,000	15,000	-10,000
NI-S	70,000	70,000	70,000	50,000	70,000	50,000	70,000	70,000	70,000	50,000
PB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-10,000	-10,000	-10,000	-10,000	50,000	100,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	15,000	20,000	15,000	20,000	20,000	20,000	15,000
SN-S	-10,000	-10,000	-10,000	-10,000	10,000	10,000	10,000	10,000	10,000	NAO DET.
SR-S	500,000	200,000	150,000	100,000	100,000	100,000	200,000	200,000	300,000	100,000
V-S	150,000	150,000	150,000	150,000	150,000	150,000	200,000	150,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	500,000	500,000
ZR-S	200,000	200,000	200,000	150,000	150,000	150,000	150,000	150,000	200,000	100,000
MN-C %										
CL-Q %										
BI-Q %										
S-Q %	0,710	0,140	0,040	0,050	0,060	0,110	0,180	0,180	NAO DET.	0,060
MO-Q %										
K-Q %										
C FIX %										
SNO2-Q %										
REC-Q %										
LI2O-Q %										
CU-AA	65,000	-3,000	-3,000	-3,000	-3,000	-3,000	-3,000	-3,000	10,000	8,000

S T A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV127	DAV128	DAV129	DAV130	DAV131	DAV132	DAV133	DAV134	DAV135	DAV136
NUM. CAMFO	JP0137	JP0138	JP0139	JP0140	JP0141	JP0142	JP0143	JP0144	JP0145	JP0146
ZN-AA	8,000	8,000	12,000	10,000	13,000	13,000	14,000	10,000	340,000	310,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,500	1,500
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	1,000	1,000	-1,000	1,000	1,000	NAO DET.	-1,000	-1,000	-1,000	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-COL										
U-COL										

S E A G

PROJETO ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

ROCKS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV137	DAV138	DAV139	DAV140	DAV141	DAV142	DAV143	DAV144	DAV145	DAV146
NUM. CAMPO	JPO147	JPO148	JPO149	JPO150	JPO151	JPO152	JPO153	JPO154	JPO155	JPO155
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0251	0251	0251	0251	0251	0251	0251	0251	0251	0251
ORDENACA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MEP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	R	R	R	R	R	R	R	R	R	R
TIPO AMOST.	B	B	B	B	B	B	B	B	B	B
FONTE AMOST.										
ROCHA FEC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	ARNT	ARNT	ARNT	ARNT	FLHH	ARNT	ARNT	ARNT	ARNT	CALC
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.	7,00	8,00	9,00	10,00	11,00	12,00	12,00	13,00	14,00	15,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	B	B	B	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CERR.										
NIVEL AGUA										
AREA DRENAG.										
TUBB. AGUA										
PCS. COLETA										
COR AGUA										
GRAU ARREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLO										

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RIOCHAS EST. DE MINHAS, SONDADEM PROJ. SULFETOAS ALENQUER, M. ALFGRE

NUM. LAB.	DAV137	DAV138	DAV139	DAV140	DAV141	DAV142	DAV143	DAV144	DAV145	DAV146
NUM. CAMP.	JPO147	JPO148	JPO149	JPO150	JPO151	JPO152	JPO153	JPO154	JPO155	JPO156
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

PARAMETROS ANALITICOS

	C	C	E	C	B	E	IE	C	E	F
FE-S %	2,000	2,000	3,000	2,000	7,000	5,000	5,000	3,000	10,000	3,000
MG-S %	0,200	0,200	1,000	0,700	2,000	3,000	3,000	5,000	7,000	2,000
CA-S %	0,200	0,200	0,500	0,200	0,300	2,000	5,000	10,000	0,700	+20,000
TI-S %	0,500	0,500	1,000	0,500	0,700	0,500	0,500	0,200	0,500	0,150
MN-S	70,000	70,000	70,000	70,000	70,000	200,000	300,000	500,000	500,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	20,000	20,000	100,000	70,000	150,000	100,000	100,000	10,000	150,000	10,000
BA-S	+5000,000	+5000,000	500,000	300,000	1000,000	1500,000	1000,000	700,000	2000,000	300,000
BE-S	-1,000	1,000	1,000	1,000	2,000	1,000	1,000	-1,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-20,000	NAO DET.	NAO DET.	-20,000	NAO DET.	NAO DET.
CO-S	15,000	10,000	20,000	30,000	30,000	15,000	15,000	10,000	30,000	30,000
CR-S	100,000	70,000	300,000	100,000	150,000	150,000	100,000	70,000	200,000	150,000
CU-S	20,000	20,000	7,000	5,000	7,000	20,000	30,000	100,000	10,000	7,000
EA-S	50,000	50,000	100,000	50,000	100,000	70,000	50,000	50,000	70,000	50,000
MO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	5,000	NAO DET.	NAO DET.	10,000	NAO DET.	5,000
NB-S	-10,000	-10,000	10,000	-10,000	10,000	10,000	-10,000	-10,000	-10,000	-10,000
NI-S	30,000	20,000	70,000	70,000	70,000	50,000	50,000	20,000	70,000	50,000
PB-S	100,000	100,000	70,000	30,000	20,000	200,000	1000,000	150,000	NAO DET.	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SE-S	10,000	10,000	20,000	10,000	20,000	15,000	15,000	10,000	20,000	10,000
SN-S	NAO DET.	NAO DET.	-10,000	NAO DET.	-10,000	-10,000	-10,000	NAO DET.	10,000	-10,000
SR-S	200,000	200,000	200,000	150,000	100,000	300,000	300,000	150,000	200,000	300,000
V-S	100,000	150,000	150,000	100,000	150,000	150,000	100,000	100,000	150,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	50,000	30,000	50,000	30,000	30,000	30,000	50,000	20,000
ZN-S	300,000	300,000	500,000	300,000	200,000	500,000	500,000	700,000	NAO DET.	NAO DET.
ZR-S	300,000	200,000	200,000	150,000	150,000	150,000	150,000	300,000	150,000	50,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	0,120	0,260	NAO DET.	NAO DET.	0,100	0,040	0,150	0,050	0,490	0,120
MO-Q %										
K-C %										
C FTX %										
SNO2-Q %										
BEF-Q %										
LI2O-Q %										
CU-AA	16,000	14,000	6,000	-3,000	4,000	18,000	9,000	50,000	5,000	10,000
PB-AA	120,000	95,000	40,000	17,000	10,000	100,000	390,000	190,000	-3,000	3,000

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PROJETO - ALENQUER MONTI ALEGRE

CENTRO DE CUSTO - 1554.310

NOTAS TESTEMUNHOS SONDAEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV137 JP0147	DAV138 JP0148	DAV139 JP0149	DAV140 JP0150	DAV141 JP0151	DAV142 JP0152	DAV143 JP0153	DAV144 JP0154	DAV145 JP0155	DAV146 JP0155
ZN-AA	250,000	260,000	340,000	240,000	110,000	480,000	560,000	1000,000	30,000	14,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CO-AA	-0,500	0,500	1,000	0,500	2,000	0,500	1,000	2,000	NAO DET.	-0,500
TE-AA										
AU-AA	NAO DFT.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA 2										
K-AA 2										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	1,000	-1,000	1,000
MO-AA										
W-AA										
AS-CCL	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

S E A G

PROJETO ALENQUER MONTE ALEGRE

CENTRO DE GUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV147	DAV148	DAV149	DAV150	DAV151	DAV152	DAV153	DAV154	DAV155	DAV156
NUM. CAMPO	JPO157	JPO158	JPO159	JPO160	JPO161	JPO162	JPO163	JPO164	JPO165	JPO166
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0251	0251	0251	0251	0251	0251	0251	0251	0251	0251
ORDENACA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARÂMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA PEC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLÓG.										
MAT. CCLFT.	CALC	ARNT	ARNT	ARNT	ARNT	ARNT	FLHH	FLHH	FLHH	ARNT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	16,00	17,00	18,00	19,00	20,00	21,00	22,00	22,00	23,00	24,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTENS.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU AFREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SFC./SL.										
HORIZ. SCLC										
TIPO SCLC										

S E A G

PROJETO ALENQUER MONTE ALLEGRO

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAZEN PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV147	DAV148	DAV149	DAV150	DAV151	DAV152	DAV153	DAV154	DAV155	DAV156
NUM. CAMPC	JP0157	JP0158	JPC159	JP0160	JP0161	JP0162	JP0163	JP0164	JP0165	JP0166
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH

METAL TCTAL
CODIF. LIVRE

F E C E E E B IB E E

PARAMETROS ANALITICOS

FE-S %	5,000	5,000	5,000	5,000	10,000	5,000	7,000	7,000	5,000	7,000
MG-S %	7,000	2,000	1,500	2,000	2,000	1,500	2,000	3,000	2,000	2,000
CA-S %	15,000	10,000	20,000	5,000	10,000	7,000	0,700	0,700	1,000	0,700
TI-S %	0,300	0,500	0,500	0,500	0,300	0,500	1,000	1,000	1,000	0,700
MN-S	2000,000	500,000	1000,000	300,000	500,000	300,000	200,000	200,000	300,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	20,000	10,000	70,000	20,000	70,000	100,000	100,000	70,000	70,000
BA-S	1000,000	700,000	2000,000	500,000	+5000,000	700,000	1000,000	1000,000	+5000,000	2000,000
BE-S	-1,000	1,500	-1,000	2,000	1,000	1,000	2,000	1,000	1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	-20,000	NAO DET.	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	30,000	50,000	30,000	50,000	30,000	20,000	30,000	30,000	50,000
CR-S	200,000	100,000	150,000	70,000	100,000	150,000	200,000	200,000	150,000	200,000
CU-S	50,000	30,000	30,000	100,000	70,000	20,000	7,000	10,000	10,000	20,000
LA-S	20,000	50,000	70,000	70,000	50,000	70,000	100,000	100,000	100,000	100,000
MO-S	NAO DET.	NAO DET.	7,000	5,000	20,000	-5,000	10,000	10,000	5,000	10,000
NB-S	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	10,000	10,000	10,000	10,000
NI-S	50,000	50,000	50,000	50,000	50,000	50,000	70,000	70,000	70,000	70,000
PB-S	70,000	50,000	50,000	500,000	30,000	-10,000	-10,000	-10,000	-10,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000
SN-S	10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	10,000	-10,000
SR-S	500,000	500,000	500,000	300,000	200,000	150,000	100,000	100,000	150,000	300,000
V-S	100,000	150,000	150,000	150,000	100,000	150,000	150,000	150,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	30,000	50,000	30,000	50,000	50,000	50,000	50,000	50,000	50,000
ZN-S	NAO DET.	200,000	NAO DET.	2000,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	200,000
ZR-S	100,000	200,000	200,000	150,000	150,000	200,000	200,000	200,000	200,000	200,000
MA-Q %										
CL-Q %										
BI-Q %										
S-Q %	0,140	0,390	0,560	0,620	2,400	0,500	0,440	0,480	0,810	0,510
MO-Q %										
K-C %										
C FIX										
SN02-Q										
BFC-Q										
LI20-Q										
CU-AA	24,000	27,000	24,000	65,000	40,000	12,000	-3,000	-3,000	3,000	12,000
PB-AA	35,000	18,000	28,000	350,000	20,000	5,000	6,000	-3,000	-3,000	3,000

S F A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV147 JP0157	DAV148 JP0158	DAV149 JP0159	DAV150 JP0160	DAV151 JP0161	DAV152 JP0162	DAV153 JP0163	DAV154 JP0164	DAV155 JP0165	DAV156 JP0166
ZN-AA	85,000	150,000	29,000	1500,000	19,000	16,000	18,000	8,000	45,000	170,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	0,500	0,500	NAO DLT.	3,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	-1,000	1,000	2,000	30,000	-1,000	-1,000	-1,000	-1,000	-1,000
MO-AA										
W-AA										
AS-CCL	10,000	-10,000	20,000	10,000	40,000	10,000	-10,000	-10,000	10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

TESTEMUNHOS SONDAJEM PROJ. SULFETOS ALIENQUER M. ALEGRE

NUM. LAB.	DAV157	DAV158	DAV159	DAV160	DAV161	DAV162	DAV163	DAV164	DAV165	DAV166
NUM. CAMPO	JP0167	JP0168	JP0169	JP0170	JP0171	JP0172	JP0173	JP0174	JP0175	JP0175
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0251	0251	0251	0251	0251	0251	0251	0251	0251	0251
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. CCLET.	FLHH	FLHH	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	25,00	26,00	27,00	28,00	29,00	30,00	31,00	32,00	32,00	33,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CERR.										
NIVEL AGUA										
AREA CRENAG.										
TURB. AGUA										
POS. CCLETA										
COR ACLA										
GRAU ARREC.										
VOL. CRIGIN.										
PESO CCAC.										
GRANULOMET.										
TEXT. SECIM.										
COP SEC./SL.										
HORIZ. SCLO.										
TIPO SCLC.										

18153 - MULTIFORMAS - 813-0132 - SP

ROCHAS, TESTEMUNHOS, SONDAÇEM PROJ. SUJEITOS ALENQUER/M. ALEGRE

NUM. LAB.	DAV157	DAV158	DAV159	DAV160	DAV161	DAV162	DAV163	DAV164	DAV165	DAV166
NUM. CAMPO	JP0167	JP0168	JP0169	JP0170	JP0171	JP0172	JP0173	JP0174	JP0175	JP0176
AMB. BIOTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT

PH

METAL TCTAL

CODIF. LIVRE

B B E F C C E E IE G

PARAMETROS ANALITICOS

FE-S %	7,000	7,000	2,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
MG-S %	2,000	2,000	1,000	1,500	3,000	2,000	2,000	5,000	1,500	2,000
CA-S %	0,300	0,500	2,000	1,000	5,000	1,500	1,000	7,000	1,500	1,500
TI-S %	0,500	0,500	0,700	0,500	0,500	0,500	0,500	0,500	0,500	0,300
MN-S	200,000	200,000	150,000	150,000	500,000	200,000	100,000	700,000	200,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	100,000	70,000	50,000	30,000	20,000	100,000	50,000	100,000	100,000
BA-S	1500,000	700,000	500,000	300,000	300,000	100,000	500,000	200,000	200,000	500,000
BE-S	2,000	2,000	2,000	1,500	1,000	1,000	1,500	1,000	1,500	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	20,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	150,000	30,000	20,000	20,000	30,000	20,000	30,000	20,000	15,000
CR-S	150,000	150,000	100,000	150,000	150,000	150,000	150,000	200,000	150,000	150,000
CU-S	5,000	5,000	10,000	7,000	15,000	7,000	-5,000	7,000	10,000	5,000
LA-S	100,000	100,000	100,000	100,000	50,000	100,000	70,000	100,000	70,000	100,000
MD-S	5,000	-5,000	NAO DET.	NAO DET.	-5,000	5,000	10,000	300,000	10,000	NAO DET.
NB-S	10,000	10,000	10,000	10,000	10,000	10,000	10,000	-10,000	10,000	-10,000
NI-S	70,000	70,000	50,000	50,000	50,000	50,000	50,000	70,000	50,000	50,000
PB-S	NAO DET.	500,000	200,000	30,000	200,000	-10,000	20,000	NAO DET.	NAO DET.	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
SN-S	-10,000	-10,000	NAO DET.	-10,000	-10,000	10,000	-10,000	10,000	10,000	-10,000
SR-S	100,000	-100,000	150,000	200,000	300,000	300,000	-100,000	300,000	200,000	200,000
V-S	150,000	150,000	150,000	150,000	100,000	150,000	150,000	150,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	50,000	50,000	50,000	50,000	70,000	50,000	50,000
ZN-S	NAO DET.	NAO DET.	-200,000	NAO DET.	200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	150,000	200,000	150,000	200,000	200,000	200,000	200,000	200,000	150,000
MN-C										
CL-Q										
BI-Q										
S-Q	0,050	0,670	0,230	0,070	0,340	0,490	0,330	0,500	0,490	0,370
MO-Q										
K-C										
C FIX										
SNO2-Q										
BEC-Q										
LI2C-Q										
CU-AA	-3,000	6,000	7,000	-3,000	13,000	3,000	-3,000	-3,000	-3,000	4,000
PB-AA	-3,000	340,000	120,000	13,000	190,000	-3,000	8,000	5,000	-3,000	4,000

18.153 - MULTIFORMAS - 813-9132 - S.P.

S E A G

PROJETO - ALENQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV167	DAV168	DAV169	DAV170	DAV171	DAV172	DAV173	DAV174	DAV175	DAV176
NUM. CAMPO	JP0177	JP0178	JP0179	JP0180	JP0181	JP0182	JP0183	JP0184	JP0185	JP0185
C. CLSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0251	0251	0251	0251	0251	0251	0251	0251	0251	0251
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MEP. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. CCLET.	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT
PLUVIOSIDADE								CALC	CALC	CALC
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE*										
PROF. AMCST.	34,00	35,00	36,00	37,00	38,00	39,00	40,00	41,00	42,00	42,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CERR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. CCLETA										
CNP AGUA										
GRAU ARRFC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

16.153 - MULTIFORMAS - 813-9122 - S.P.

KOCHAS TESTEMUNHOS SONDAEM PROJ.SULFETOS ALENQUER M.ALEGRE

NUM. LAB.	DAVI67	DAVI68	DAVI69	DAVI70	DAVI71	DAVI72	DAVI73	DAVI74	DAVI75	DAVI76
NUM. CAMPO	JP0177	JP0178	JP0179	JP0180	JP0181	JP0182	JP0183	JP0184	JP0185	JP0186
AMB. BIOTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH

METAL TCTAL
CODIF. LIVRE

C C C C C C C G G IG

PARAMETROS ANALITICOS

FE-S %	7,000	7,000	5,000	10,000	1,000	2,000	5,000	2,000	5,000	7,000
MG-S %	2,000	2,000	1,000	7,000	0,500	1,500	7,000	0,500	0,700	1,500
CA-S %	1,000	1,000	1,500	20,000	+20,000	+20,000	20,000	+20,000	15,000	7,000
TI-S %	0,500	0,700	0,500	0,100	0,050	0,150	0,200	0,150	0,500	0,700
MN-S	100,000	150,000	150,000	5000,000	1000,000	1000,000	2000,000	1000,000	300,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,000	2,000	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	70,000	10,000	NAO DET.	15,000	100,000	20,000	70,000	70,000
BA-S	500,000	300,000	200,000	+5000,000	70,000	300,000	500,000	700,000	+5000,000	+5000,000
BE-S	2,000	1,500	1,000	-1,000	-1,000	-1,000	1,500	-1,000	1,500	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-20,000	NAO DET.	-20,000	NAO DET.
CO-S	30,000	30,000	70,000	5,000	NAO DET.	50,000	50,000	15,000	50,000	50,000
CR-S	200,000	200,000	200,000	70,000	70,000	100,000	150,000	70,000	100,000	100,000
CU-S	5,000	7,000	100,000	70,000	10,000	200,000	100,000	30,000	20,000	100,000
LA-S	100,000	50,000	70,000	20,000	NAO DET.	20,000	50,000	20,000	50,000	70,000
MO-S	-5,000	-5,000	5,000	-5,000	-5,000	5,000	30,000	20,000	10,000	15,000
NB-S	-10,000	10,000	10,000	-10,000	NAO DET.	-10,000	-10,000	-10,000	10,000	10,000
NI-S	70,000	70,000	70,000	7,000	-5,000	30,000	50,000	20,000	50,000	50,000
PB-S	10,000	-10,000	200,000	30,000	50,000	200,000	500,000	50,000	200,000	100,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	20,000	20,000	5,000	-5,000	10,000	15,000	10,000	15,000	20,000
SN-S	10,000	-10,000	-10,000	10,000	NAO DET.	-10,000	-10,000	-10,000	-10,000	-10,000
SR-S	150,000	150,000	100,000	300,000	500,000	300,000	700,000	700,000	1000,000	1000,000
V-S	150,000	150,000	150,000	50,000	20,000	50,000	100,000	70,000	100,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	50,000	20,000	20,000	20,000	30,000	20,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	500,000	500,000	NAO DET.	NAO DET.	500,000	-200,000	1500,000	NAO DET.
ZR-S	150,000	200,000	300,000	100,000	100,000	150,000	150,000	100,000	150,000	200,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	0,590	0,370	3,240	1,240	0,080	0,800	0,800	0,950	3,000	3,160
MO-Q %										
K-C %										
C FIX										
SNO2-Q %										
BEC-Q %										
LI2O-Q %										
CU-AA	3,000	4,000	65,000	40,000	16,000	160,000	80,000	50,000	28,000	40,000
PB-AA	6,000	10,000	95,000	19,000	14,000	35,000	140,000	22,000	240,000	55,000

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV167	DAV168	DAV169	DAV170	DAV171	DAV172	DAV173	DAV174	DAV175	DAV176
NUM. CAMPO	JP0177	JP0178	JP0179	JP0180	JP0181	JP0182	JP0183	JP0184	JP0185	JP0186
ZN-AA	10,000	9,000	420,000	330,000	50,000	40,000	280,000	200,000	1000,000	19,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500	0,500	-0,500	-0,500	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	1,500	0,500	0,500	0,500	2,000	1,500	4,000	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	NAO DET.	1,000	-1,000	-1,000	2,000	-1,000	NAO DET.	-1,000	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	10,000	-10,000	40,000	40,000	10,000	20,000	10,000
SR-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MN-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

PARÂMETROS DESCRITIVOS DE CAMPO

NUM. LAB.	DAV177	DAV178	DAV179	DAV180	DAV181	DAV182	DAV183	DAV184	DAV185	DAV186
NUM. CAMPO	JPO187	JPO188	JPO189	JPO190	JPO191	JPO192	JPO193	JPO194	JPO195	JPO196
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0251	0251	0251	0251	0251	0251	0251	0251	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. COLET.	FLHH	FLHH	CALC	ARNT	FLHH	ARNT	CALC	CALC	FLHH	FLHH
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PRCF. AMCST.	43,00	44,00	45,00	46,00	47,00	48,00	49,00	50,00	4,00	5,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	B	B
TIPO ALTER.										
TIPO MINFR.										
DEP. CCCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU ARREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										

ROCHAS: LES TEMUNHOS; SONDA GEM: PROD. SULF ETOS; AL ENQUER: M. ALEGRE

NUM. LAB.	DAV177	DAV178	DAV179	DAV180	DAV181	DAV182	DAV183	DAV184	DAV185	DAV186
NUM. CAMPO	JP0187	JP0188	JP0189	JP0190	JP0191	JP0192	JP0193	JP0194	JP0195	JP0196
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

B B D E B G D B B

PARAMETROS ANALITICOS

FE-S %	10,000	7,000	7,000	5,000	10,000	10,000	2,000	1,000	10,000	5,000
MG-S %	5,000	3,000	2,000	1,000	2,000	2,000	0,700	1,500	3,000	3,000
CA-S %	1,000	2,000	+20,000	5,000	1,500	15,000	+20,000	+20,000	0,700	0,500
TI-S %	1,000	0,700	0,200	1,000	+1,000	0,700	0,200	0,050	4,000	+1,000
MN-S	200,000	200,000	1500,000	200,000	100,000	700,000	2000,000	2000,000	150,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	200,000	100,000	-10,000	70,000	150,000	20,000	-10,000	-10,000	500,000	150,000
BA-S	500,000	700,000	700,000	150,000	300,000	200,000	100,000	200,000	700,000	700,000
BE-S	-1,000	1,000	-1,000	1,000	1,000	1,000	NAO DET.	NAO DET.	2,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	10,000	10,000	100,000	30,000	10,000	-5,000	30,000	20,000
CR-S	300,000	150,000	70,000	70,000	150,000	100,000	100,000	150,000	300,000	200,000
CU-S	7,000	7,000	10,000	20,000	500,000	150,000	7,000	-5,000	200,000	100,000
LA-S	100,000	50,000	20,000	20,000	100,000	50,000	20,000	NAO DET.	50,000	50,000
MO-S	5,000	5,000	NAO DET.	-5,000	500,000	15,000	-5,000	NAO DET.	NAO DET.	NAO DET.
NB-S	10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	NAO DET.	10,000	10,000
NI-S	70,000	70,000	20,000	50,000	100,000	70,000	10,000	5,000	70,000	70,000
PB-S	-10,000	-10,000	200,000	-10,000	200,000	30,000	200,000	15,000	200,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	10,000	15,000	20,000	15,000	5,000	NAO DET.	20,000	20,000
SN-S	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	-10,000
SR-S	100,000	300,000	1000,000	200,000	150,000	500,000	1000,000	1000,000	150,000	150,000
V-S	150,000	150,000	100,000	150,000	200,000	150,000	100,000	10,000	300,000	300,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	30,000	30,000	50,000	50,000	30,000	10,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	200,000	-200,000	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	150,000	100,000	200,000	300,000	200,000	150,000	10,000	150,000	150,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	1,050	1,160	0,800	1,110	2,150	1,940	0,480	0,110	NAO DET.	NAO DET.
MO-Q %										
K-Q %										
C FIX %										
SNO2-Q %										
BEC-Q %										
LI2O-Q %										
CU-AA	-3,000	-3,000	12,000	-3,000	160,000	110,000	9,000	8,000	100,000	70,000
PB-AA	4,000	4,000	75,000	3,000	70,000	35,000	55,000	13,000	7,000	3,000

10 153 - MULTIFORMAS - 012-0132 - S.P.

INDICADORES TESTEMUNIOS SONDAJEM PROJ. SUELOS ALENQUER AM. ALEGRE

NUM. LAB.	DAV187	DAV188	DAV189	DAV190	DAV191	DAV192	DAV193	DAV194	DAV195	DAV196
NUM. CAMPO	JPO197	JPO198	JPO199	JPO200	JPO201	JPO202	JPO203	JPO204	JPO205	JPO206
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	50 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. COLFT.	FLHH	FLHH	FLHH	ARNT	ARNT	FLHH	ARNT	ARNT	FLHH	FLHH
PLUVICSICADE										
TIPO VEGFT.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	5,00	6,00	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	B	B	B	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINFR.										
DEP. CCCC.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CCRR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGLA										
POS. COLETA										
COR AGUA										
GRAU ARREC.										
VOL. ORIGIN.										
PESO CCAC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLC										
TIPO SCLC										

16.153 - MULTIFORMAS - 813-9132 - S.P.

PRO 310 ALENQUER MONTE ALEGRE CENTRO DE CUSTO - 1554.310

NUM. LAB.	DAV187	DAV188	LAV189	DAV190	DAV191	DAV192	DAV193	DAV194	DAV195	DAV196
NUM. CAMPO	JPO197	JPO198	JPO199	JPO200	JPO201	JPO202	JPO203	JPO204	JPO205	JPO206
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT										
PH										
METAL TCTAL										
CODIF. LIVRE	18	B	B	F	I	E	C	E	B	E

PARAMETROS ANALITICOS

FE-S %	10,000	10,000	10,000	15,000	5,000	10,000	15,000	10,000	10,000	10,000
MG-S %	5,000	3,000	5,000	5,000	2,000	3,000	3,000	2,000	2,000	5,000
CA-S %	0,700	1,500	5,000	7,000	1,500	0,700	2,000	2,000	1,000	1,000
TI-S %	1,000	+1,000	1,000	1,000	+1,000	1,000	1,000	1,000	1,000	+1,000
MN-S	200,000	200,000	500,000	500,000	200,000	150,000	200,000	200,000	150,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	300,000	20,000	10,000	20,000	30,000	200,000	70,000	150,000	100,000	100,000
BA-S	700,000	500,000	1000,000	700,000	500,000	500,000	200,000	300,000	500,000	500,000
BE-S	-1,000	2,000	1,000	-1,000	1,000	2,000	1,000	2,000	1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	20,000	20,000	20,000	15,000	15,000	50,000	20,000	30,000	30,000
CR-S	500,000	150,000	200,000	150,000	150,000	100,000	150,000	100,000	200,000	300,000
CU-S	300,000	70,000	50,000	150,000	50,000	10,000	150,000	70,000	7,000	20,000
LA-S	70,000	100,000	100,000	50,000	50,000	50,000	50,000	50,000	100,000	70,000
MD-S	NAO DET.	NAO DET.	NAO DET.	10,000	7,000	5,000	-5,000	-5,000	5,000	5,000
NB-S	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
NI-S	100,000	70,000	70,000	50,000	50,000	70,000	70,000	70,000	70,000	70,000
PB-S	10,000	20,000	50,000	10,000	-10,000	100,000	-10,000	-10,000	10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	20,000	20,000	20,000	20,000	20,000	20,000	15,000	20,000	30,000
SN-S	-10,000	-10,000	10,000	10,000	10,000	10,000	-10,000	-10,000	10,000	10,000
SR-S	150,000	200,000	500,000	200,000	300,000	100,000	150,000	200,000	100,000	100,000
V-S	200,000	200,000	200,000	150,000	200,000	200,000	200,000	200,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	50,000	50,000	50,000	50,000	50,000	50,000	70,000	70,000
ZN-S	NAO DET.	-200,000	1000,000	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	200,000	200,000	300,000	500,000	200,000	300,000	300,000	150,000	700,000
MN-C %										
CL-C %										
BI-Q %										
S-Q %	NAO DET.	NAO DET.	0,090	0,820	0,080	0,110	0,550	0,210	0,380	0,300
MD-Q %										
K-Q %										
C FIX										
SN02-Q %										
BEC-Q %										
LI20-Q %										
CU-AA	110,000	50,000	45,000	35,000	35,000	-3,000	50,000	40,000	-3,000	5,000
PB-AA	-3,000	15,000	40,000	9,000	3,000	50,000	10,000	4,000	6,000	3,000

10.153 - MULTIFORMAS - 813-9132 - S.P.

S F A G

PROJETO ALENQUER MONTF ALEGRE - 1554.310

ROCHAS, TESTE MUNHOS, SONDAGEM, PROVA SILTETOS ALENQUER M ALEGRE

NUM. LAB.	DAV187	DAV188	LAV189	DAV190	DAV191	DAV192	DAV193	DAV194	DAV195	DAV196
NUM. CAMPO	JP0197	JP0198	JP0199	JP0200	JP0201	JP0202	JP0203	JP0204	JP0205	JP0205
ZN-AA	24,000	110,000	1100,000	13,000	7,000	14,000	40,000	10,000	20,000	10,000
AG-AA	NAC DET.	NAU DET.	NAU DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	-0,500	2,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	-1,000	-1,000	-1,000	-1,000	NAO DET.	NAO DET.	NAO DET.	-1,000	-1,000	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

10.133 - MULTIFORMAS - 013-0132 - S.P.

PARQUEAS ESTR. VEIMINHOS - SONDAEM PROJ. SULFETOS - ALENQUER - MT. ALEGRE

NUM. LAB.	DAV197	DAV198	DAV199	DAV200	DAV201	DAV202	DAV203	DAV204	DAV205	DAV206
NUM. CAMPO	JPO207	JPO208	JPO209	JPO210	JPO211	JPO212	JPO213	JPO214	JPO215	JPO215
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
POCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. CCLET.	FLHH	ARNT	FLHH	ARNT	ARNT	ARNT	ARNY	ARNT	ARNT	CALC
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	15,00	15,00	16,00	17,00	18,00	19,00	20,00	21,00	22,00	23,00
FORMA IGNEA										
SIT. ESTPUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTFP.										
TIPO MINER.										
DEP. CCCC.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CORR.										
NIVEL AGUA										
ARFA DEENAG.										
TURB. AGUA										
POS. CCLETA										
CORR. AGUA										
GRAU ARREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
ORIENTAZ. SOLO.										
TIPO SCLCOC										

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PROJETO LENQUER MONTF ALEGRE CENTRO DE CUSTO - 1554.310

RIOCHAS TESTEMUNHAS SONDAEM PROJ. SUCRE POS. LENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO AMB. BIOTICO	DAV197 JP0207	DAV198 JP0208	DAV199 JP0209	DAV200 JP0210	DAV201 JP0211	DAV202 JP0212	DAV203 JP0213	DAV204 JP0214	DAV205 JP0215	DAV206 JP0216
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT PH METAL TCTAL CODIF. LIVRE	E	IE	E	E	E	C	C	I	C	D
PARAMETROS ANALITICOS										
FE-S	7,000	5,000	10,000	7,000	10,000	10,000	10,000	10,000	5,000	7,000
MG-S	2,000	2,000	3,000	3,000	7,000	5,000	7,000	5,000	7,000	7,000
CA-S	1,000	1,000	0,500	0,500	10,000	20,000	5,000	5,000	+20,000	+20,000
TI-S	1,000	1,000	1,000	1,000	1,000	0,200	1,000	1,000	0,200	0,500
MN-S	150,000	200,000	100,000	100,000	1000,000	2000,000	500,000	500,000	1500,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	200,000	150,000	150,000	10,000	-20,000	200,000	-10,000	10,000
BA-S	200,000	100,000	500,000	300,000	300,000	100,000	300,000	500,000	700,000	1000,000
BE-S	-1,000	-1,000	2,000	1,000	1,500	1,000	1,000	1,000	-1,000	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	100,000	30,000	30,000	20,000	20,000	20,000	30,000	20,000	30,000	20,000
CR-S	150,000	100,000	150,000	150,000	200,000	30,000	150,000	150,000	150,000	200,000
CU-S	100,000	150,000	10,000	7,000	5,000	50,000	100,000	150,000	5,000	50,000
LA-S	50,000	50,000	100,000	70,000	70,000	50,000	100,000	70,000	20,000	20,000
MO-S	5,000	-5,000	7,000	5,000	5,000	NAO DET.	5,000	NAO DET.	-5,000	5,000
NB-S	10,000	10,000	10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
NI-S	70,000	70,000	70,000	70,000	70,000	7,000	70,000	70,000	30,000	50,000
PB-S	-10,000	-10,000	30,000	-10,000	20,000	-10,000	-10,000	10,000	-10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	20,000	20,000	20,000	10,000	20,000	20,000	10,000	15,000
SN-S	-10,000	NAO DET.	10,000	-10,000	10,000	-10,000	15,000	15,000	-10,000	-10,000
SR-S	100,000	150,000	100,000	100,000	300,000	300,000	300,000	300,000	500,000	2000,000
V-S	200,000	150,000	200,000	200,000	200,000	50,000	150,000	200,000	30,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	30,000	50,000	50,000	50,000	30,000	30,000	30,000	20,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	300,000	500,000	200,000	300,000	200,000	100,000	500,000	200,000	50,000	200,000
MN-Q										
CL-Q										
BI-Q										
S-Q	0,480	0,110	0,880	0,040	0,100	0,640	0,170	0,530	0,200	NAO DET.
MO-Q										
K-C										
C FIX										
SNC2-Q										
BEC-C										
LI20-Q										
CU-AA	45,000	45,000	3,000	-3,000	4,000	28,000	40,000	50,000	7,000	28,000
PB-AA	-3,000	-3,000	17,000	-3,000	12,000	8,000	3,000	7,000	8,000	10,000

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ATIVIDADES DE INVESTIGACAO E SONDAÇÃO EM PROFILOMETRIA EM ENQUER MONTE ALEGRE

NUM. LAB. NUM. CAMPO	DAV197 JP0207	DAV198 JP0208	DAV199 JP0209	DAV200 JP0210	DAV201 JP0211	DAV202 JP0212	DAV203 JP0213	DAV204 JP0214	DAV205 JP0215	DAV206 JP0216
ZN-AA	10,000	20,000	9,000	11,000	14,000	17,000	10,000	17,000	10,000	29,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,500
TE-AA										
AU-AA	-0,050	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	2,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
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SE-CCL										
U-CCL										

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PROJETO LINQUER MONTE ALEGRE - CENTRO DE CUSTO - 1554.3100 A B C

PROFILOS TUBELMUNHO'S; SONDAGEM ARRIOZ SUL ETUS LINQUER, M. ALEGRE

NUM. LAB:	DAV207	DAV208	DAV209	DAV210	DAV211	DAV212	DAV213	DAV214	DAV215	DAV216
NUM. CAMPO	JPO217	JPO218	JPO219	JPO220	JPO221	JPO222	JPO223	JPO224	JPO225	JPO226
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROFUNDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA PEG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	CALC	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	FLHH	FLHH
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	24,00	25,00	25,00	26,00	27,00	28,00	29,00	30,00	31,00	32,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PFD.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. COCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. COCCR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGLA										
PCS. COLETA										
COR AGUA										
GRAU ARRED.										
VOL. ORIGIN.										
PESO COCC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

10.103 - MULTIFORMAS - 813-8132 - 8 P.

ANALISAS DE LABORATORIO - SONDA GEMAS PROJ. SUL FERROS ALENQUER - M. ALEGRE

NUM. LAB.	DAV207	DAV208	DAV209	DAV210	DAV211	DAV212	DAV213	DAV214	DAV215	DAV216
NUM. CAMPO	JP0217	JP0218	JP0219	JP0220	JP0221	JP0222	JP0223	JP0224	JP0225	JP0226
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

D C IC C C C C C B B

PARAMETROS ANALITICOS

FE-S %	1,000	10,000	10,000	5,000	10,000	5,000	10,000	10,000	5,000	10,000
MG-S %	2,000	2,000	2,000	2,000	2,000	2,000	3,000	2,000	3,000	5,000
CA-S %	+20,000	+20,000	20,000	5,000	10,000	2,000	2,000	2,000	2,000	0,500
TI-S %	0,100	0,500	0,700	1,000	0,700	+1,000	1,000	1,000	0,700	+1,000
MN-S	1500,000	1000,000	1000,000	200,000	300,000	200,000	200,000	200,000	200,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	-10,000	10,000	10,000	20,000	20,000	100,000	20,000	70,000	70,000	200,000
BA-S	700,000	1000,000	500,000	500,000	200,000	1000,000	300,000	300,000	200,000	500,000
BE-S	-1,000	-1,000	-1,000	1,500	1,000	1,000	1,000	1,000	1,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	5,000	50,000	50,000	20,000	30,000	7,000	50,000	50,000	15,000	50,000
CR-S	50,000	150,000	200,000	150,000	100,000	100,000	300,000	150,000	100,000	200,000
CU-S	10,000	500,000	500,000	70,000	100,000	7,000	500,000	200,000	5,000	-5,000
LA-S	20,000	100,000	50,000	70,000	70,000	100,000	100,000	70,000	20,000	100,000
MO-S	5,000	NAO DET.	NAO DET.	-5,000	NAO DET.	-5,000	5,000	-5,000	-5,000	10,000
NB-S	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	10,000
NI-S	10,000	70,000	70,000	70,000	50,000	50,000	50,000	70,000	50,000	100,000
PB-S	-10,000	30,000	200,000	-10,000	NAO DET.	20,000	-10,000	-10,000	20,000	NAO DET.
SR-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	15,000	30,000
SN-S	NAO DET.	-10,000	10,000	10,000	-10,000	10,000	10,000	10,000	-10,000	-10,000
SR-S	+5000,000	500,000	500,000	500,000	200,000	200,000	300,000	200,000	200,000	100,000
V-S	20,000	100,000	150,000	200,000	150,000	200,000	200,000	200,000	150,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	50,000	50,000	30,000	50,000	50,000	50,000	50,000	30,000	50,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	500,000	NAO DET.
ZR-S	100,000	300,000	500,000	200,000	200,000	200,000	200,000	500,000	150,000	200,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	NAO DET.	0,060	1,120	0,600	0,900	0,170	0,680	1,500	0,040	NAO DET.
MO-Q %										
K-Q %										
C FIX %										
SNC2-Q %										
BEC-Q %										
LI20-Q %										
CU-AA	8,000	130,000	70,000	35,000	40,000	4,000	80,000	45,000	-3,000	-3,000
PB-AA	6,000	13,000	50,000	4,000	3,000	12,000	4,000	7,000	12,000	-3,000

10.153 - MULTIFORMAS - 013-0132 - S.F.

S E A G PROJETO LENQUER MONTE ALEGRE CONTABILIDADE DE CUSTO - 1554.310 A 4 2

TABULAS TESTEMUNHAS SONDA GPM PROJASULDEPOBLENQUER M. ALEGRE

NUM. LAB.	DAV207	DAV208	DAV209	DAV210	DAV211	DAV212	DAV213	DAV214	DAV215	DAV216
NUM. CAMPO	JPO217	JPO218	JPO219	JPO220	JPO221	JPO222	JPO223	JPO224	JPO225	JPO226
ZN-AA	10,000	50,000	65,000	8,000	20,000	5,000	55,000	6,000	280,000	10,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	1,000	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000	10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-COL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

SE 10 - MULTIFORMAS - 813-9132 - 8 P.

NOTA: KODIM-SITE-SITE MINHO-S-SONDAGEM PROJ. SÓLITOS ALENQUER M. ALLEGRE

NUM. LAB.	DAV217	DAV218	DAV219	DAV220	DAV221	DAV222	DAV223	DAV224	DAV225	DAV226
NUM. CAMPO	JPO227	JPO228	JPO229	JPO230	JPO231	JPO232	JPO233	JPO234	JPO235	JPO235
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	PH	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. CCLET.	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	ARNT	FLHH	SLTT	ARNT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	33,00	34,00	35,00	35,00	36,00	37,00	38,00	39,00	40,00	41,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCCR.										
LARGURA RIO										
PROFUND. RIO										
VFLCC. CORR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. CCLETA										
COP AGUA										
GRAU ARREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SELO										
TIPO SELO										

ROÇAS, LÉS DE MINÉRIOS, SONDADEMA PIAUÍ, SULFÊTOS, ALMOQUEIR, MC ALGREF

NUM. LAB.	DAV217	DAV218	LAV219	DAV220	DAV221	DAV222	DAV223	DAV224	DAV225	DAV226
NUM. CAMPO	JP0227	JP0228	JP0229	JP0230	JP0231	JP0232	JP0233	JP0234	JP0235	JP0236
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT										
PH										
METAL TCTAL										
CODIF. LIVRE	E	C	C	C	C	C	E	B	H	C

PARAMETROS ANALITICOS

FE-S %	10,000	7,000	10,000	10,000	15,000	7,000	15,000	10,000	10,000	10,000
MG-S %	7,000	5,000	3,000	5,000	7,000	5,000	7,000	5,000	5,000	5,000
CA-S %	0,700	5,000	1,500	3,000	2,000	1,000	1,000	0,500	0,700	0,500
TI-S %	+1,000	1,000	1,000	1,000	1,000	+1,000	+1,000	1,000	0,700	1,000
MN-S	100,000	500,000	150,000	300,000	200,000	150,000	100,000	200,000	200,000	100,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	50,000	20,000	20,000	50,000	100,000	100,000	300,000	200,000	300,000
BA-S	500,000	300,000	70,000	70,000	500,000	100,000	500,000	500,000	500,000	500,000
BE-S	1,000	1,000	1,000	-1,000	1,000	1,000	-1,000	1,500	1,500	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	50,000	50,000	30,000	50,000	30,000	20,000	30,000	30,000	20,000	20,000
CR-S	500,000	150,000	150,000	200,000	200,000	200,000	500,000	150,000	150,000	150,000
CU-S	50,000	200,000	10,000	100,000	50,000	7,000	-5,000	-5,000	7,000	7,000
LA-S	100,000	100,000	70,000	100,000	100,000	70,000	100,000	100,000	70,000	100,000
MO-S	10,000	-5,000	5,000	-5,000	-5,000	5,000	5,000	5,000	-5,000	5,000
NB-S	10,000	-10,000	-10,000	-10,000	-10,000	10,000	10,000	-10,000	-10,000	-10,000
NI-S	100,000	200,000	100,000	70,000	70,000	70,000	100,000	70,000	70,000	70,000
PB-S	200,000	70,000	-10,000	-10,000	20,000	100,000	NAO DET.	-10,000	-10,000	-10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	30,000	15,000	15,000	20,000	20,000	20,000	30,000	20,000	15,000	20,000
SN-S	-10,000	-10,000	-10,000	-10,000	INTERFER.	-10,000	INTERFER.	10,000	10,000	10,000
SR-S	300,000	300,000	200,000	300,000	200,000	300,000	150,000	100,000	100,000	100,000
V-S	150,000	150,000	150,000	150,000	150,000	200,000	200,000	200,000	150,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	50,000	50,000	50,000	50,000	50,000	30,000	50,000
ZN-S	1000,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	200,000	200,000	200,000	500,000	200,000	200,000	500,000	200,000	150,000	150,000
MN-Q %										
CL-C %										
BI-Q %										
S-O %	0,160	0,220	1,140	1,760	0,180	0,120	NAO DET.	NAO DET.	NAO DET.	0,030
MO-Q %										
K-C %										
C FIX %										
SNO2-Q %										
BEC-Q %										
LI2O-Q %										
CU-AA	19,000	110,000	14,000	24,000	13,000	6,000	-3,000	-3,000	7,000	4,000
PB-AA	55,000	10,000	4,000	4,000	5,000	40,000	3,000	3,000	-3,000	3,000

16 153 - MULTIFORMAS - 813-8132 - S.P.

S E A G

PROJETO - ENQUER MONTE ALEGRE - TUBO N° 1011A CENTRO DE CUSTO - 1554.310

ROCHAS - TESTEMUNHAS - SONDAGEM PROJ. SUBSETOS, AL ENQUER MONTE ALEGRE

NUM. LAP.	DAV227	DAV228	DAV229	DAV230	JAV231	JAV232	DAV233	DAV234	DAV235	DAV236
NUM. CAMPO	JPO237	JPO238	JPO239	JPO240	JPO241	JPO242	JPO243	JPO244	JPO245	JPO246
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CUSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BR	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ARCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENACA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	SLTT	ARNT	CALC	CALC	CALC	CALC	CALC	CALC	SLTT	SLTT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PRCF. AMCST.	42,00	43,00	44,00	45,00	45,00	46,00	47,00	48,00	49,00	50,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA FIO										
PROFUND. RIO										
VELOC. CCCR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. COLETA										
COP AGUA										
GRAU ABREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

16153 - MULTIFORMAS - 013-9132 - SP

PROJ. SONDAGEM PROJ. SUEPETS AL ENQUER MONTE ALEGRE

NUM. I AB.	DAV227	DAV228	DAV229	DAV230	DAV231	DAV232	DAV233	DAV234	DAV235	DAV236
NUM. CAMPO	JP0237	JP0238	JP0239	JP0240	JP0241	JP0242	JP0243	JP0244	JP0245	JP0246
AMB. BIOTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

PARAMETROS ANALITICOS

	H	C	D	D	10	F	D	G	I	I
FE-S %	7,000	5,000	7,000	5,000	5,000	7,000	5,000	7,000	7,000	7,000
MG-S %	3,000	10,000	7,000	5,000	5,000	10,000	7,000	3,000	5,000	3,000
CA-S %	2,000	15,000	+20,000	+20,000	+20,000	+20,000	+20,000	+20,000	1,500	2,000
TI-S %	0,500	0,200	0,100	0,200	0,200	0,300	0,200	0,200	1,000	0,700
MN-S	200,000	3000,000	3000,000	3070,000	5000,000	2000,000	3000,000	2000,000	150,000	150,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	0,500	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	15,000	-10,000	10,000	10,000	10,000	-10,000	10,000	300,000	150,000
BA-S	150,000	30,000	700,000	300,000	30,000	500,000	200,000	5000,000	1000,000	2000,000
BE-S	1,500	-1,000	-1,000	-1,000	-1,000	1,500	-1,000	-1,000	2,000	2,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	70,000	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	20,000	15,000	15,000	15,000	50,000	15,000	20,000	5,000	20,000
CR-S	100,000	70,000	50,000	100,000	50,000	100,000	100,000	70,000	150,000	150,000
CU-S	7,000	300,000	500,000	270,000	200,000	200,000	50,000	100,000	5,000	30,000
LA-S	20,000	20,000	20,000	20,000	-20,000	30,000	20,000	20,000	70,000	100,000
MO-S	NAO DET.	NAO DET.	10,000	NAO DET.	NAO DET.	20,000	20,000	-5,000	-5,000	5,000
NB-S	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	-10,000	-10,000	-10,000	-10,000
NI-S	70,000	10,000	5,000	10,000	5,000	50,000	20,000	10,000	70,000	100,000
PB-S	-10,000	20,000	100,000	500,000	10,000	300,000	200,000	50,000	-10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	20,000	20,000
SN-S	-10,000	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	-10,000	15,000	-10,000	10,000
SR-S	200,000	150,000	500,000	500,000	500,000	500,000	1000,000	1500,000	500,000	1000,000
V-S	150,000	100,000	50,000	50,000	50,000	100,000	100,000	50,000	200,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	20,000	20,000	20,000	20,000	30,000	20,000	20,000	50,000	50,000
ZN-S	NAO DET.	-200,000	-200,000	-200,000	-200,000	-200,000	5000,000	NAO DET.	NAO DET.	NAO DET.
ZR-S	150,000	300,000	100,000	100,000	150,000	100,000	50,000	100,000	150,000	150,000
MN-C %										
CL-C %										
BI-Q %										
S-Q %	2,520	1,270	0,950	NAO DET.	NAO DET.	0,460	0,780	3,000	0,170	0,540
MO-Q %										
K-Q %										
C FIX %										
SNO2-Q %										
BFC-C %										
LI2O-Q %										
CU-AA	-3,000	150,000	200,000	140,000	130,000	140,000	35,000	40,000	4,000	24,000
PB-AA	7,000	10,000	40,000	60,000	10,000	50,000	35,000	16,000	-3,000	5,000

16.153 - MULTIFORMAS - 813-9132 - SP

S E A G

PROJETO ALENQUER MONTF ALEGRE - REGIÃO METROPOLITANA DE CENTRO DE CUSTO - 1554.3107 R

RUBRICAS - LESTE MUNHOS - SONDAZEN - PROJ. SUPERFICIES ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV227 JPO237	DAV228 JPO238	DAV229 JPO239	DAV230 JPO240	DAV231 JPO241	DAV232 JPO242	DAV233 JPO243	DAV234 JPO244	DAV235 JPO245	DAV236 JPO246
ZN-AA	7,000	160,000	95,000	110,000	80,000	55,000	3300,000	30,000	8,000	35,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	-0,500	-0,500	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	0,500	0,500	0,500	0,500	-0,500	20,000	-0,500	NAO DET.	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	4,000	-1,000	-1,000	-1,000	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-1,000
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	10,000	20,000	10,000	80,000	10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

18.153 - MULTIFORMAS - 813-8132 - 5 P

S E A G O - 1978 - MUNICÍPIO DE ALENQUER MONTE ALEGRE - RUA ... CENTRO DE CUSTO - 1554.310

PROJ. SULFETO DE ALENQUER M. ALEGRE

NUM. LAB.	DAV237	DAV238	DAV239	DAV240	DAV241	DAV242	DAV243	DAV244	DAV245	DAV246
NUM. CAMPO	JPO247	JPO248	JPO249	JPO250	JPO251	JPO252	JPO253	JPO254	JPO255	JPO256
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMOST.	R	R	R	R	R	R	R	R	R	R
TIPO AMOST.	B	B	B	B	B	B	B	B	B	B
FONTE AMOST.										
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	CALC	ARNT	ARNT	ARNT	CALC	CALC	CALC	FLHH	ARNT	SLTT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TOPOG.										
SIT. AMOST.										
ALTITUDE										
PROF. AMOST.	51,00	52,00	53,00	54,00	55,00	55,00	56,00	57,00	58,00	59,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRED.										
GRAU INTFMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEF. CCCOR.										
LARGURA FIO										
PROFUND. FIO										
VELOC. CORR.										
NIVEL AGUA										
AREA DRENAG.										
TUPB. AGLA										
POS. COLETA										
COR AGUA										
GRAU ABREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLD										
TIPO SCLD										

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RICHAS, IL, TEMUNHO, SONCAGEM PROJ. SUBF. E TOX. VALENQUER, M. ALEGRE

NUM. LAB.	DAV237	DAV238	LAV239	DAV240	DAV241	DAV242	DAV243	DAV244	DAV245	DAV246
NUM. CAMPO	JP0247	JP0248	JP0249	JP0250	JP0251	JP0252	JP0253	JP0254	JP0255	JP0256
AMB. BIOTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCTAL
CODIF. LIVRE

PARAMETROS ANALITICOS

	J	C	E	G	D	1D	D	E	C	H
FE-S %	7,000	2,000	3,000	5,000	10,000	10,000	1,000	7,000	10,000	10,000
MG-S %	2,000	2,000	1,500	2,000	3,000	5,000	2,000	10,000	7,000	7,000
CA-S %	20,000	3,000	1,000	10,000	+20,000	20,000	+20,000	20,000	15,000	20,000
TI-S %	0,500	+1,000	+1,000	0,500	0,200	0,500	0,020	0,300	0,150	0,700
MN-S	700,000	200,000	100,000	200,000	2000,000	1500,000	2000,000	1000,000	1500,000	1000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	70,000	150,000	50,000	-10,000	10,000	NAO DET.	10,000	10,000	10,000
BA-S	300,000	100,000	200,000	100,000	150,000	70,000	200,000	50,000	50,000	30,000
BE-S	1,000	-1,000	1,000	2,000	-1,000	-1,000	NAO DET.	1,000	-1,000	-1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	30,000	50,000	20,000	20,000	20,000	5,000	10,000	20,000	10,000
CR-S	100,000	150,000	150,000	70,000	100,000	150,000	70,000	70,000	70,000	200,000
CU-S	100,000	150,000	200,000	70,000	100,000	20,000	-5,000	50,000	50,000	50,000
LA-S	-20,000	70,000	70,000	50,000	20,000	20,000	NAO DET.	20,000	NAO DET.	20,000
MO-S	-5,000	5,000	100,000	10,000	NAO DET.	NAO DET.	NAO DET.	5,000	NAO DET.	NAO DET.
NB-S	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	-10,000	-10,000	-10,000
NI-S	30,000	100,000	70,000	30,000	50,000	50,000	5,000	20,000	20,000	50,000
PB-S	-10,000	-10,000	30,000	-10,000	10,000	20,000	20,000	NAO DET.	50,000	NAO DET.
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	20,000	20,000	10,000	10,000	15,000	NAO DET.	10,000	5,000	15,000
SN-S	-10,000	-10,000	NAO DET.	NAO DET.	-10,000	10,000	NAO DET.	-10,000	-10,000	10,000
SR-S	700,000	200,000	200,000	200,000	1000,000	1000,000	2000,000	500,000	150,000	300,000
V-S	150,000	200,000	200,000	100,000	100,000	100,000	10,000	150,000	50,000	100,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	50,000	30,000	30,000	30,000	50,000	10,000	20,000	10,000	50,000
ZN-S	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.
ZR-S	150,000	500,000	300,000	200,000	150,000	200,000	20,000	100,000	50,000	300,000
MN-C %										
CL-Q %										
BI-Q %										
S-Q %	0,720	0,160	0,180	0,610	0,580	0,640	0,100	0,120	1,790	0,360
MO-Q %										
K-Q %										
C FIX %										
SNC2-Q %										
BEC-Q %										
LI20-Q %										
CU-AA	60,000	75,000	150,000	85,000	65,000	13,000	8,000	35,000	14,000	18,000
PB-AA	6,000	-3,000	21,000	11,000	8,000	8,000	12,000	5,000	25,000	13,000

INDICADORES DE CONTROL DE GASTOS POR SUB-CENTRO DE COSTO ALLENQUER MONTE ALLEGRO

NUM. LAB. NUM. CAMPO	DAV237 JPO247	DAV238 JPO248	DAV239 JPO249	DAV240 JPO250	DAV241 JPO251	DAV242 JPO252	DAV243 JPO253	DAV244 JPO254	DAV245 JPO255	DAV246 JPO256
ZN-AA	13,000	10,000	150,000	20,000	10,000	18,000	8,000	15,000	6,000	8,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.	NAO DET.	NAO DET.
TE-AA										
AJ-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	20,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-COL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-CCL										

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RELACAO TESTEMUNHAS SONDAGEM BONDAGEM INDIVIDUAL BONDAGEM AMPLIADA

NUM. LAB.	DAV247	DAV248	DAV249	DAV250	DAV251	DAV252	DAV253	DAV254	DAV255	DAV256
NUM. CAMPO	JPO257	JPO258	JPO259	JPO260	JPO261	JPO262	JPO263	JPO264	JPO265	JPO266
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROFUNDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FONTE AMCST.										
ROCHA PEC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	SLTT	ARNT	SLTT	SLTT	SLTT	SLTT	SLTT	SLTT	CALC	CALC
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	60,00	61,00	62,00	63,00	64,00	65,00	65,00	66,00	67,00	68,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PED.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCRR.										
LARGURA RIO										
PROFUND. RIO										
VELCC. CCRR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU ARREC.										
VOL. ORIGIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLC										

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1900 LARGO NAS OUTESTES NUMEROS DA PAGEM PROJ. SULFETOS ALBUQUER M. ALEGRE

NUM. LAB. NUM. LAMP AMB. BIOTICO	DAV247 JP0257	DAV248 JP0258	LAV249 JP0259	DAV250 JP0260	DAV251 JP0261	DAV252 JP0262	DAV253 JP0263	DAV254 JP0264	DAV255 JP0265	DAV256 JP0266
PARAMETROS ANALITICOS DE CAMPO										
EH CVCLT PH METAL TCTAL CODIF. LIVRE	H	I	H	H	H	H	H	IH	H	D
PARAMETROS ANALITICOS										
FE-S %	7,000	10,000	7,000	5,000	7,000	10,000	7,000	*10,000	*1,500	7,000
MG-S %	2,000	7,000	5,000	3,000	5,000	10,000	5,000	10,000	1,500	5,000
CA-S %	15,000	20,000	15,000	7,000	10,000	7,000	5,000	10,000	*20,000	7,000
TI-S %	0,700	0,500	0,700	+1,000	1,000	0,700	0,700	0,700	0,030	+1,000
MN-S	500,000	2000,000	1000,000	300,000	300,000	300,000	200,000	700,000	1500,000	300,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	10,000	-10,000	20,000	20,000	10,000	20,000	10,000	10,000	NAO DET.	20,000
BA-S	100,000	20,000	100,000	150,000	300,000	500,000	100,000	100,000	-20,000	500,000
BE-S	-1,000	-1,000	1,000	1,000	1,500	1,500	1,500	1,500	NAO DET.	1,000
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	10,000	5,000	20,000	5,000	10,000	50,000	50,000	50,000	10,000	30,000
CR-S	100,000	70,000	70,000	150,000	100,000	200,000	150,000	150,000	100,000	200,000
CU-S	50,000	1000,000	1500,000	10,000	150,000	500,000	200,000	700,000	50,000	300,000
LA-S	70,000	70,000	200,000	50,000	100,000	150,000	20,000	50,000	NAO DET.	100,000
MO-S	5,000	-5,000	20,000	-5,000	5,000	20,000	-5,000	15,000	NAO DET.	10,000
NB-S	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	NAO DET.	10,000
NI-S	50,000	10,000	70,000	20,000	50,000	70,000	70,000	70,000	-5,000	70,000
PB-S	-10,000	-10,000	200,000	-10,000	-10,000	20,000	20,000	-10,000	10,000	70,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	15,000	10,000	15,000	20,000	15,000	20,000	20,000	20,000	NAO DET.	20,000
SN-S	-10,000	-10,000	-10,000	NAO DET.	-10,000	-10,000	-10,000	10,000	NAO DET.	10,000
SR-S	300,000	150,000	300,000	500,000	500,000	1000,000	1000,000	300,000	500,000	500,000
V-S	150,000	50,000	150,000	200,000	150,000	150,000	150,000	150,000	20,000	200,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	30,000	50,000	50,000	50,000	50,000	50,000	30,000	30,000	15,000	70,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	-200,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
ZR-S	500,000	500,000	500,000	700,000	200,000	100,000	100,000	200,000	-10,000	700,000
MN-C %										
CL-Q %										
BI-Q %										
S-Q %	1,180	0,640	1,160	0,140	0,140	1,100	0,960	0,460	0,200	0,380
MO-Q %										
K-C %										
C FIX %										
SNO2-Q %										
BEQ-Q %										
LI2O-C %										
CU-AA	25,000	230,000	580,000	9,000	75,000	170,000	110,000	210,000	26,000	110,000
PB-AA	4,000	3,000	130,000	-3,000	7,000	8,000	8,000	3,000	11,000	28,000

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S E A G

PROJETO ALENQUER MONT ALEGRE

CENTRO DE CUSTO - 15543103

ROCHAS TESTE MINHAS, SONRAGEN, PROJ. SUEBERTUS ALENQUER, M. ALEGRE

NUM. LAB.	DAV247	DAV248	DAV249	DAV250	DAV251	DAV252	DAV253	DAV254	DAV255	DAV256
NUM. CAMPO	JP0257	JP0258	JP0259	JP0260	JP0261	JP0262	JP0263	JP0264	JP0265	JP0266
ZN-AA	14,000	20,000	110,000	55,000	8,000	14,000	9,000	15,000	14,000	65,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	0,500	NAO DET.
TE-AA										
AU-AA	NAO DET.	0,100	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	10,000	-10,000	-10,000	-10,000	-10,000	10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-COL										
P-COL										
SE-CCL										
U-COL										

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S. E. A. G. E. - PROJ. SOF. PROJ. ALENQUER MONTE ALEGRE - CENTRO DE CUSTO - 1554-910

BADILHA. MOCHAS TESTEMUNHAS - SOF. PROJ. SOF. PROJ. ALENQUER M. ALEGRE

NUM. LAB.	DAV257	DAV258	DAV259	DAV260	DAV261	DAV262	DAV263	DAV264	DAV265	DAV266
NUM. CAMPO	JPO267	JPO268	JPO269	JPO270	JPO271	JPO272	JPO273	JPO274	JPO275	JPO276
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0235	0235	0235	0235	0235	0235
ORDENADA - Y	0189	0189	0189	0189	0189	0189	0189	0189	0189	0189
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMST.	R	R	R	R	R	R	R	R	R	R
TIPO AMST.	B	B	B	B	B	B	B	B	B	B
FONTE AMST.										
ROCHA REC.	B	B	B	B	B	B	B	B	B	B
ID. GEOLG.										
MAT. COLET.	SLTT	SLTT	SLTT	SLTT	SLTT	SLTT	SLTT	SLTT	SLTT	SLTT
PLUVIOSIDADE										
TIPO VEGET.										
SIT. TERCG.										
SIT. AMST.										
ALTITUDE										
PROF. AMST.	69,00	70,00	71,00	72,00	73,00	74,00	75,00	75,00	76,00	77,00
FORMA IGNEA										
SIT. ESTRUT.										
MATRIZ PRD.										
GRAU INTEMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTEP.										
TIPO MINER.										
DEF. CCCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CCR.										
NIVEL AGUA										
AREA DRENAG.										
TURB. AGUA										
POS. COLETA										
COR AGUA										
GRAU ARREC.										
VOL. OPICIN.										
PESO CCNC.										
GRANULOMET.										
TEXT. SECIM.										
CCR SEC./SL.										
HORIZ. ESCO										
TIPO ESCO										

16.153 - MULTIFORMAS - 013-0132 - S.P.

S F A G

PROJETO - ALENQUEIR MONTE ALEGRE - BARRAGEM - BARRAGEM DE CUSTO - 1584310

KCIIAS TESTEMUNHOS SONDAEM PROJ. SULFETOS ALENQUEIR M. ALEGRE

NUM. LAB.	DAV257	DAV258	DAV259	DAV260	DAV261	DAV262	DAV263	DAV264	DAV265	DAV266
NUM. CAMPO	JPO267	JPO268	JPO269	JPO270	JPO271	JPO272	JPO273	JPO274	JPO275	JPO276
AMB. BIOTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT
PH
METAL TCIAL
CODIF. LIVRE

PARAMETROS ANALITICOS

	H	H	H	H	H	H	H	H	IH	H	H
FE-S %	5,000	10,000	5,000	10,000	3,000	1,500	5,000	7,000	7,000	5,000	5,000
MG-S %	3,000	5,000	3,000	5,000	3,000	2,000	5,000	7,000	5,000	5,000	5,000
CA-S %	2,000	10,000	2,000	2,000	1,000	5,000	1,000	20,000	7,000	2,000	2,000
TI-S %	+1,000	1,000	1,000	+1,000	1,000	0,700	1,000	1,000	10,700	1,000	1,000
MN-S	100,000	500,000	200,000	300,000	100,000	200,000	100,000	1000,000	300,000	200,000	200,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	100,000	20,000	100,000	50,000	500,000	200,000	300,000	10,000	15,000	20,000	20,000
BA-S	200,000	50,000	300,000	300,000	300,000	150,000	500,000	50,000	100,000	100,000	100,000
BE-S	-1,000	-1,000	1,500	1,000	2,000	2,000	2,000	1,000	1,000	1,500	1,500
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	20,000	30,000	5,000	20,000	5,000	-5,000	10,000	10,000	30,000	15,000	15,000
CR-S	200,000	200,000	200,000	150,000	100,000	70,000	100,000	100,000	200,000	100,000	100,000
CU-S	300,000	700,000	7,000	20,000	7,000	300,000	-5,000	50,000	300,000	100,000	100,000
LA-S	70,000	200,000	50,000	70,000	50,000	50,000	50,000	50,000	100,000	70,000	70,000
MO-S	NAO DET.	5,000	10,000	50,000	5,000	5,000	-5,000	-5,000	NAO DET.	5,000	5,000
NB-S	15,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
NI-S	70,000	70,000	50,000	100,000	50,000	30,000	70,000	20,000	70,000	70,000	70,000
PB-S	NAO DET.	NAO DET.	10,000	150,000	20,000	10,000	100,000	-10,000	30,000	50,000	50,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	20,000	15,000	20,000	20,000	20,000	15,000	20,000	20,000	20,000	20,000	20,000
SN-S	10,000	-10,000	NAO DET.	-10,000	NAO DET.	NAO DET.	-10,000	NAO DET.	-10,000	-10,000	-10,000
SR-S	500,000	300,000	700,000	1000,000	1000,000	1000,000	1000,000	500,000	1000,000	700,000	700,000
V-S	150,000	150,000	200,000	200,000	300,000	200,000	300,000	150,000	150,000	150,000	150,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	50,000	50,000	30,000	70,000	30,000	30,000	30,000	50,000	50,000	30,000	30,000
ZN-S	NAO DET.	NAO DET.	NAO DET.	300,000	-200,000	-200,000	-200,000	NAO DET.	200,000	-200,000	-200,000
ZR-S	500,000	200,000	150,000	200,000	150,000	150,000	150,000	300,000	150,000	200,000	200,000
MN-O %											
CL-O %											
BT-O %											
S-O %	0,180	0,680	0,080	0,650	NAO DET.	0,460	NAO DET.	0,680	0,880	NAO DET.	NAO DET.
MO-O %											
K-C %											
C FIX %											
SNO2-O %											
BEC-O %											
LI2O-O %											
CU-AA	75,000	140,000	6,000	13,000	-3,000	150,000	-3,000	40,000	130,000	30,000	30,000
PB-AA	-3,000	-3,000	5,000	50,000	11,000	8,000	40,000	9,000	45,000	20,000	20,000

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ROCHAS TESTEMUNHOS SONDAZEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB. NUM. CAMPO	DAV257 JP0267	DAV258 JP0268	DAV259 JP0269	DAV260 JP0270	DAV261 JP0271	DAV262 JP0272	DAV263 JP0273	DAV264 JP0274	DAV265 JP0275	DAV266 JP0276
ZN-AA	4,000	24,000	28,000	260,000	110,000	120,000	130,000	16,000	190,000	85,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	NAO DET.	NAO DET.	NAO DET.	0,500	-0,500	-0,500	-0,500	NAO DET.	0,500	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %										
K-AA %										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SB-AA	NAO DET.	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MEI PES										
CO-COL										
MO-CCL										
W-COL										
P-COL										
SE-COL										
U-COL										

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PROJETO ALENQUER MONTF ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAEM PROJ. SULFETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV267	DAV268	DAV269	DAV270	DAV271	DAV272	DAV273	DAV274	DAV275	DAV276
NUM. CAMPO	JPO277	JPO278	JPO279	JPO280	JPO281	JPO282	JPO283	JPO284	JPO285	JPO286
C. CUSTO	1554	1554	1554	1554	1554	1554	1554	1554	1554	1554
S. CLSTO	350	350	350	350	350	350	350	350	350	350
PROCEDECENCIA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
BASE CART.										
BASE CART.										
ESCALA	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
DATA	07/78	07/78	07/78	07/78	09/78	07/78	07/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 35 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0235	0235	0235	0235	0250	0250	0250	0250	0250	0250
ORDENACA - Y	0189	0189	0189	0189	0194	0194	0194	0194	0194	0194
UTM - LESTE										
UTM - NORTE										
MER. CENT.										

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B	B	B	B	B	B
FORTE AMCST.										
ROCHA REG.	B	B	B	B	B	B	B	B	B	B
ID. GEOLCG.										
MAT. CCLET.	CALC	CALC	SLTT	SLTT	DIBS	DIBS	DIBS	DIBS	DIBS	DIBS
PLUVIOCLADE										
TIPO VEGET.										
SIT. TCPCG.										
SIT. AMCST.										
ALTITUDE										
PROF. AMCST.	78,00	79,00	80,00	81,00	12,00	14,00	15,00	17,00	17,00	19,00
FORMA IGNEA										
SIT. ESTFUT.										
MATRIZ PFED.										
GRAU INTMP.	C	C	C	C	C	C	C	C	C	C
TIPO ALTER.										
TIPO MINER.										
DEP. CCCR.										
LARGURA RIO										
PROFUND. RIO										
VELOC. CRR.										
NIVEL AGUA										
AREA DRENAG.										
TUPB. AGUA										
POS. CCLETA										
COP AGUA										
GRAU AFREC.										
VOL. CRIGIN.										
PESO CCNC.										
GRANULCMET.										
TEXT. SECIM.										
COR SEC./SL.										
HORIZ. SCLO										
TIPO SCLE										

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POLHAS TESTILMUNICIAIS SONDAGEM PARA SILETUBOS ALFENQUEM, ALEGRE

NUM. LAB.	DAV267	DAV268	LAV269	DAV270	DAV271	DAV272	DAV273	DAV274	DAV275	DAV276
NUM. CAMPO	JPO277	JPO278	JPO279	JPO280	JPO281	JPO282	JPO283	JPO284	JPO285	JPO286
AMB. BICTICO										

PARAMETROS ANALITICOS DE CAMPO

EH CVCLT	J	D	H	H	L	L	L	L	IL	L
PH										
METAL TCTAL										
CODIF. LIVRE										

PARAMETROS ANALITICOS

FE-S %	10,000	3,000	2,000	5,000	20,000	20,000	15,000	20,000	15,000	15,000
MG-S %	10,000	+10,000	3,000	5,000	10,000	10,000	7,000	10,000	7,000	5,000
CA-S %	+20,000	+20,000	2,000	3,000	15,000	10,000	15,000	15,000	15,000	10,000
TI-S %	0,200	0,030	0,700	1,000	+1,000	+1,000	1,000	+1,000	1,000	1,000
MN-S	1000,000	1500,000	200,000	200,000	2000,000	1500,000	2000,000	2000,000	2000,000	2000,000
AG-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AS-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
AU-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
B-S	-10,000	-10,000	50,000	20,000	10,000	10,000	10,000	10,000	10,000	10,000
BA-S	20,000	30,000	100,000	200,000	500,000	500,000	500,000	500,000	500,000	300,000
BE-S	-1,000	NAO DET.	1,500	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
BI-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CD-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-S	30,000	10,000	15,000	30,000	100,000	100,000	100,000	100,000	100,000	70,000
CR-S	70,000	50,000	100,000	150,000	150,000	100,000	100,000	100,000	70,000	70,000
CU-S	100,000	150,000	500,000	500,000	200,000	200,000	200,000	200,000	200,000	150,000
LA-S	20,000	NAO DET.	70,000	100,000	20,000	20,000	20,000	20,000	20,000	20,000
MO-S	10,000	5,000	-5,000	7,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NR-S	-10,000	NAO DET.	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
NT-S	20,000	5,000	30,000	100,000	100,000	100,000	100,000	100,000	100,000	70,000
PB-S	100,000	20,000	NAO DET.	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	10,000
SB-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
SC-S	10,000	NAO DET.	15,000	15,000	100,000	50,000	50,000	50,000	50,000	50,000
SN-S	10,000	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.	INTERFER.
SR-S	500,000	500,000	500,000	300,000	300,000	200,000	300,000	300,000	300,000	200,000
V-S	100,000	20,000	150,000	150,000	700,000	500,000	500,000	700,000	500,000	500,000
W-S	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
Y-S	20,000	20,000	30,000	30,000	50,000	30,000	30,000	30,000	30,000	30,000
ZN-S	300,000	NAO DET.	NAO DET.	NAO DET.	INTERFER.	INTERFER.	200,000	INTERFER.	200,000	200,000
ZR-S	200,000	10,000	150,000	200,000	100,000	100,000	100,000	100,000	100,000	100,000
MN-Q %										
CL-Q %										
BI-Q %										
S-Q %	0,780	0,620	0,480	0,430	0,260	NAO DET.	NAO DET.	0,060	0,100	0,100
MO-Q %										
K-Q %										
C FIX %										
SNO2-Q %										
BFC-C %										
LI2O-Q %										
CU-AA	50,000	40,000	130,000	160,000	120,000	120,000	120,000	120,000	110,000	120,000
PB-AA	40,000	10,000	-3,000	-3,000	4,000	-3,000	-3,000	-3,000	-3,000	4,000

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PROJETO ALUGUER MONTE ALEGRE

NUM. LAB.	DAV267	DAV268	DAV269	DAV270	DAV271	DAV272	DAV273	DAV274	DAV275	DAV276
NUM. CAMPO	JPO277	JPO278	JPO279	JPO280	JPO281	JPO282	JPO283	JPO284	JPO285	JPO285
ZN-AA	210,000	24,000	8,000	4,000	40,000	50,000	55,000	50,000	40,000	50,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA										
NI-AA										
BI-AA										
CD-AA	0,500	0,500	NAO DET.	NAO DET.	NAO DET.	-0,500	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TE-AA										
AU-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	-0,050	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA										
K-AA										
CXCU-AA										
CR-AA										
SE-AA										
HG-AA										
SR-AA	NAO DET.	NAO DET.	NAO DET.	-1,000	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA										
W-AA										
AS-CCL	-10,000	10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL										
CXCU-CCL										
MET PES										
CO-CCL										
MO-CCL										
W-CCL										
P-COL										
SE-CCL										
U-COL										

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BOQUICHAS DE TESTEMUNHOS SONDAGEM PROJ. SÍTIO ETOS ALENQUER M. ALEGRE

NUM. LAB.	DAV277	DAV278	DAV279	DAV280	DAV281
NUM. CAMPO	JPO287	JPO288	JPO289	JPO290	JPO291
C. CUSTO	1554	1554	1554	1554	1554
S. CLSTC	350	350	350	350	350
PROCEDENCIA	BB	BB	BB	BB	BB
BASE CART.	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4	SA21XDV4
ESCALA	0010	0010	0010	0010	0010
DATA	07/78	09/78	07/78	07/78	07/78
LATITUDE	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S	01 50 37 S
LONGITUDE	54 44 11	54 44 11	54 44 11	54 44 11	54 44 11
ABCISSA - X	0250	0250	0250	0250	0250
ORDENADA - Y	0194	0194	0194	0194	0194
UTM - LESTE					
UTM - NORTE					
MER. CENT.					

PARAMETROS DESCRITIVOS DE CAMPO

CLAS. AMCST.	R	R	R	R	R
TIPO AMCST.	B	B	B	B	B
FCNTE AMCST.					
ROCHA REG.	B	B	B	B	B
ID. GEOLCG.					
MAT. CCLFT.	DIBS	DIBS	DIBS	DIBS	DIBS
PLUVIOSIDADE					
TIPO VEGET.					
SIT. TOPEG.					
SIT. AMCST.					
ALTITUDE					
PROF. AMCST.	20,00	24,00	25,00	29,00	30,00
FORMA IGNEA					
SIT. ESTFUT.					
MATRIZ PRED.					
GRAU INTMP.	C	C	C	C	C
TIPO ALTER.					
TIPO MINER.					
DEP. CCCR.					
LARGURA FIO					
PROFUND. FIO					
VELOC. CRR.					
NIVEL AGUA					
AREA DRENAG.					
TURB. AGLA					
POS. CCLFTA					
COR AGUA					
GRAU ARREC.					
VOL. ORIGIN.					
PESO CENC.					
GRANULOMET.					
TEXT. SECIM.					
COR SEC./SL.					
HORIZ. SCLO					
TIPO SCLC					

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S E A G

PROJETO ALINQUER MONTE ALEGRE

CENTRO DE CUSTO - 1554.310

ROCHAS TESTEMUNHOS SONDAGEM PROJ. SUJEITOS ALINQUER M. ALEGRE

NUM. LAB.	DAV277	DAV278	DAV279	DAV280	DAV281
NUM. CAMPO	JPO287	JPO288	JPO289	JPO290	JPO291
ZN-AA	40,000	50,000	50,000	50,000	45,000
AG-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
CO-AA					
NI-AA					
BT-AA					
CD-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
TE-AA					
AI-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
NA-AA %					
K-AA %					
CXCU-AA					
CR-AA					
SE-AA					
HG-AA					
SB-AA	NAO DET.	NAO DET.	NAO DET.	NAO DET.	NAO DET.
MO-AA					
W-AA					
AS-CCL	-10,000	-10,000	-10,000	-10,000	-10,000
SB-CCL					
CXCU-CCL					
MET PES					
CO-CCL					
MO-CCL					
W-COL					
P-COL					
SE-COL					
U-COL					