



CPRM

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS

PROJETO PATOS DE MINAS


RELATÓRIO FINAL DE PESQUISA

Alvarás 1511/74, 1512/74 e 1513/74

Volume IX

BOLETINS DE ANÁLISES

PHL 13446

	<i>J-910</i>	SUREMI
CPRM		SEDOTE
ARQUIVO TÉCNICO		
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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

1976

PROJETO PATOS DE MINAS

Volume IX

BOLETINS DE ANÁLISE

Furos de Sonda.

Furo 2148 - PM - 140 - MG

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Furo 2148 - PM - 268 - MG

Trincheiras

Poços

Galeria

BOLETINS DE ANÁLISES

FUROS DE SONDA

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-140-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						*SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	10913/75	10,7						5,0
1,0 a 2,0	10914	12,2						3,2
2,0 a 3,0	10915	14,1						3,9
3,0 a 4,0	10916	14,9						2,0
4,0 a 5,0	10917	15,7						2,9
5,0 a 6,0	10918	14,7						0,6
6,0 a 7,0	10919	12,0						2,1
7,0 a 8,0	10920	10,7						4,8
8,0 a 9,0	10921	11,1						3,7
9,0 a 10,0	10922	10,2						6,4
10,0 a 11,0	10923	8,0						2,3
11,0 a 12,0	10924	7,9						3,0
12,0 a 13,0	10925	6,3						6,3
13,0 a 14,0	10926	6,4						7,1
14,0 a 15,0	10927	9,5						56,3
15,0 a 16,0	10928	14,3						72,8
16,0 a 17,0	10929	14,5						76,0
17,0 a 18,0	10930	15,5						50,1

Cont. Furo: 2148-PM-140-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	10931/75	14,8					45,2
19,0 a 20,0	10932	15,3					46,2
20,0 a 21,0	10933	16,4					
21,0 a 22,0	10934	18,5					
22,0 a 23,0	10935	17,4					
23,0 a 24,0	10936	20,6					
24,0 a 25,0	10937	22,0					
25,0 a 26,0	10938	21,1					
26,0 a 27,0	10939	22,4					
27,0 a 28,0	10940	21,1					
28,0 a 29,0	10941	18,1					
29,0 a 30,0	10942	15,7					
30,0 a 31,0	10943	18,6					
31,0 a 32,0	10944	17,7					
32,0 a 33,0	10945	17,7					
33,0 a 34,0	10946	17,3					
34,0 a 35,0	10947	17,1					
35,0 a 36,0	10948	14,9					
36,0 a 37,0	10949	18,8					
37,0 a 38,0	10950	19,7					
38,0 a 39,0	10951	20,2					
39,0 a 40,0	10952	22,9					
40,0 a 41,0	10953	20,3					
41,0 a 42,0	10954	15,5					
42,0 a 43,0	10955	14,1					
43,0 a 44,0	10956	17,4					
44,0 a 45,0	10957	20,5					
45,0 a 46,0	10958	22,9					

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Cont. Furo: 2148-PM-140-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	10959/75	20,6						
47,0 a 48,0	10960	20,6						
48,0 a 49,0	10961	18,2						
49,0 a 50,0	10962	18,1						
50,0 a 51,0	10963	18,1						
51,0 a 52,0	10966	19,5						
52,0 a 53,0	10965	18,2						
53,0 a 54,0	10966	14,8						
54,0 a 55,0	10967	21,3						
55,0 a 56,0	10968	9,6						
56,0 a 57,0	10969	14,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-141-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						* SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	10975/75	1,0						3,6
1,0 a 2,0	10976	0,7						9,8
2,0 a 3,0	10977	2,0						5,2
3,0 a 4,0	10978	1,5						
4,0 a 5,0	10979	1,7						
5,0 a 6,0	10980	1,5						31,8
6,0 a 7,0	10981	1,4						
7,0 a 8,0	10982	1,4						9,0
8,0 a 9,0	10983	1,5						49,5
9,0 a 10,0	10984	1,0						
10,0 a 11,0	10985	1,0						
11,0 a 12,0	10986	0,6						16,4
12,0 a 13,0	10987	<0,5						
13,0 a 14,0	10988	<0,5						14,3
14,0 a 15,0	10989	<0,5						11,1
15,0 a 16,0	10990	<0,5						50,0
16,0 a 17,0	10991	<0,5						77,8
17,0 a 18,0	10992	0,5						
18,0 a 19,0	10993	0,6						8,2
19,0 a 20,0	10994	<0,5						50,0

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Cont. Furo: 2148-PM-141-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
20,0 a 21,0	10995/75	0,5					
21,0 a 22,0	10996	0,9					
22,0 a 23,0	10997	0,8					
23,0 a 24,0	10998	1,0					
24,0 a 25,0	10999	2,1					
25,0 a 26,0	11000	1,1					
26,0 a 27,0	11001	0,8					
27,0 a 28,0	11002	0,9					
28,0 a 29,0	11003	0,8					
29,0 a 30,0	11004	1,1					
30,0 a 31,0	11005	3,1					
31,0 a 32,0	11006	2,2					
32,0 a 33,0	11007	1,8					
33,0 a 34,0	11008	2,8					
34,0 a 35,0	11009	2,1					
35,0 a 36,0	11010	2,6					
36,0 a 37,0	11011	2,6					
37,0 a 38,0	11012	1,5					
38,0 a 39,0	11013	1,0					
39,0 a 40,0	11014	1,2					
40,0 a 41,0	11015	1,6					
41,0 a 42,0	11016	1,4					
42,0 a 43,50	11017	1,8					

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-142-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						* SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11022/75	3,3						15,1
1,0 a 2,0	11023	1,0						22,6
2,0 a 3,0	11024	0,7						91,3
3,0 a 4,0	11025	0,6						21,4
4,0 a 5,0	11026	1,5						24,8
5,0 a 6,0	11027	1,0						27,8
6,0 a 7,0	11028	0,6						9,7
7,0 a 8,0	11029	1,1						9,9
8,0 a 9,0	11030	0,9						29,6
9,0 a 10,0	11031	0,6						64,5
10,0 a 11,0	11032	0,7						24,5
11,0 a 12,0	11033	0,5						35,0
12,0 a 13,0	11034	0,8						77,4
13,0 a 14,0	11035	0,9						32,3
14,0 a 15,0	11036	0,6						61,3
15,0 a 16,0	11037	1,0						56,5
16,0 a 17,0	11038	2,0						81,1
17,0 a 18,0	11039	3,4						89,6

RF

Cont. Furo: 2148-PM-142-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11040/75	2,9						75,4
19,0 a 20,0	11041	1,5						90,7
20,0 a 21,0	11042	2,1						
21,0 a 22,0	11043	2,1						
22,0 a 23,0	11044	2,5						
23,0 a 24,0	11045	3,0						
24,0 a 25,0	11046	1,0						
25,0 a 26,0	11047	1,4						
26,0 a 27,0	11048	1,5						
27,0 a 28,0	11049	1,3						
28,0 a 29,0	11050	1,1						
29,0 a 30,0	11051	1,3						
30,0 a 31,0	11052	0,8						
31,0 a 32,0	11053	0,7						
32,0 a 33,0	11054	1,0						
33,0 a 34,0	11055	1,4						
34,0 a 35,0	11056	0,8						
35,0 a 35,85	11057	0,9						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-143-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

De 40 a 41 sem recuperação.

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						* SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11059/75	12,2						4,7
1,0 a 2,0	11060	9,9						2,3
2,0 a 3,0	11061	9,2						2,4
3,0 a 4,0	11062	9,4						3,1
4,0 a 5,0	11063	8,4						3,6
5,0 a 6,0	11064	8,0						0,6
6,0 a 7,0	11065	6,7						
7,0 a 8,0	11066	7,2						2,6
8,0 a 9,0	11067	5,8						
9,0 a 10,0	11068	7,7						7,4
10,0 a 11,0	11069	8,4						3,8
11,0 a 12,0	11070	8,7						72,4
12,0 a 13,0	11071	7,0						13,8
13,0 a 14,0	11072	11,4						53,4
14,0 a 15,0	11073	14,1						54,1
15,0 a 16,0	11074	16,2						66,8
16,0 a 17,0	11075	16,3						61,0
17,0 a 18,0	11076	15,2						60,9

SM

Cont. Furo: 2148-PM-143-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11077/75	20,7						59,4
19,0 a 20,0	11078	18,8						57,4
20,0 a 21,0	11079	17,3						
21,0 a 22,0	11080	21,8						
22,0 a 23,0	11081	17,3						
23,0 a 24,0	11082	19,8						
24,0 a 25,0	11083	18,4						
25,0 a 26,0	11084	19,1						
26,0 a 27,0	11085	18,7						
27,0 a 28,0	11086	14,6						
28,0 a 29,0	11087	18,3						
29,0 a 30,0	11088	16,7						
30,0 a 31,0	11089	17,6						
31,0 a 32,0	11090	21,5						
32,0 a 33,0	11091	20,3						
33,0 a 34,0	11092	17,6						
34,0 a 35,0	11093	19,0						
35,0 a 36,0	11094	20,6						
36,0 a 37,0	11095	15,6						
37,0 a 38,0	11096	19,6						
38,0 a 39,0	11097	18,0						
39,0 a 40,0	11098	18,5						
40,0 a 41,0	11099							
41,0 a 42,0	11100	24,2						
42,0 a 43,0	11101	22,1						
43,0 a 44,0	11102	26,3						
44,0 a 45,0	11103	27,3						

J.P.

Cont. Furo: 2148-PM-143-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11104/75	28,2						
46,0 a 47,0	11105	28,0						
47,0 a 48,0	11106	28,6						
48,0 a 49,0	11107	23,8						
49,0 a 50,0	11108	23,3						
50,0 a 51,0	11109	16,4						
51,0 a 52,0	11110	20,4						
52,0 a 53,0	11111	19,4						
53,0 a 54,0	11112	18,0						
54,0 a 55,0	11113	18,8						
55,0 a 56,0	11114	19,1						
56,0 a 57,0	11115	20,0						
57,0 a 58,0	11116	18,4						
58,0 a 59,0	11117	13,5						
59,0 a 60,0	11118	16,0						
60,0 a 61,0	11119	15,4						
61,0 a 62,0	11120	10,5						
62,0 a 63,1	11121	8,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-144-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE / LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11823/75	22,3						
1,0 a 2,0	11824	23,0						
2,0 a 3,0	11825	20,3						
3,0 a 4,0	11826	17,6						
4,0 a 5,0	11827	14,1						
5,0 a 6,0	11828	16,8						
6,0 a 7,0	11829	17,0						
7,0 a 8,0	11830	14,7						
8,0 a 9,0	11831	15,5						
9,0 a 10,0	11832	18,3						
10,0 a 11,0	11833	19,3						
11,0 a 12,0	11834	17,9						
12,0 a 13,0	11835	21,5						
13,0 a 14,0	11836	19,9						
14,0 a 15,0	11837	20,2						
15,0 a 16,0	11838	19,3						
16,0 a 17,0	11839	23,6						
17,0 a 18,0	11840	21,0						

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Cont. Furo: 2148-PM-144-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11841/75	19,7						
19,0 a 20,0	11842	18,8						
20,0 a 21,0	11843	16,3						
21,0 a 22,0	11844	12,9						
22,0 a 23,0	11845	11,0						
23,0 a 24,0	11846	12,2						
24,0 a 25,0	11847	11,7						
25,0 a 26,0	11848	17,0						
26,0 a 27,0	11849	17,5						
27,0 a 28,0	11850	20,6						
28,0 a 29,0	11851	18,5						
29,0 a 30,0	11852	21,1						
30,0 a 31,0	11853	23,7						
31,0 a 32,0	11854	22,4						
32,0 a 33,0	11855	21,2						
33,0 a 34,0	11856	18,0						
34,0 a 35,0	11857	17,7						
35,0 a 36,0	11858	20,3						
36,0 a 37,0	11859	16,7						
37,0 a 38,0	11860	18,7						
38,0 a 39,0	11861	15,7						
39,0 a 40,0	11862	14,8						
40,0 a 41,0	11863	18,9						
41,0 a 42,0	11864	20,0						
42,0 a 43,0	11865	16,0						
43,0 a 44,0	11866	16,2						
44,0 a 45,0	11867	18,1						
45,0 a 46,0	11868	17,6						

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Cont. Furo: 2148-PM-144-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	11869/75	14,0						
47,0 a 48,0	11870	15,0						
48,0 a 49,0	11871	13,5						
49,0 a 50,0	11872	15,4						
50,0 a 51,0	11873	10,6						
51,0 a 52,0	11874	13,1						
52,0 a 53,0	11875	13,1						
53,0 a 54,0	11876	14,5						
54,0 a 55,0	11877	15,0						
55,0 a 56,0	11878	18,6						
56,0 a 57,0	11879	18,1						
57,0 a 58,0	11880	19,2						
58,0 a 59,0	11881	12,5						
59,0 a 60,0	11882	10,7						
60,0 a 61,0	11883	15,5						
61,0 a 62,0	11884	13,3						
62,0 a 63,0	11885	15,5						
63,0 a 64,0	11886	15,8						
64,0 a 65,0	11887	15,9						
65,0 a 66,0	11888	20,5						
66,0 a 67,0	11889	17,8						
67,0 a 68,0	11890	12,4						
68,0 a 69,0	11891	7,9						
69,0 a 70,0	11892	6,0						
70,0 a 71,0	11893	12,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-145-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						* SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11127/75	5,4						14,0
1,0 a 2,0	11128	6,3						8,2
2,0 a 3,0	11129	10,1						6,4
3,0 a 4,0	11130	12,7						3,3
4,0 a 5,0	11131	12,0						5,0
5,0 a 6,0	11132	11,9						10,0
6,0 a 7,0	11133	11,3						4,8
7,0 a 8,0	11134	13,4						1,0
8,0 a 9,0	11135	11,3						0,4
9,0 a 10,0	11136	6,6						5,1
10,0 a 11,0	11137	9,4						4,5
11,0 a 12,0	11138	8,2						30,1
12,0 a 13,0	11139	9,8						43,4
13,0 a 14,0	11140	9,0						26,0
14,0 a 15,0	11141	9,3						66,2
15,0 a 16,0	11142	10,2						64,3
16,0 a 17,0	11143	10,7						69,5
17,0 a 18,0	11144	13,5						67,3

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Cont. Furo: 2148-PM-145-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11145/75	15,4						67,2
19,0 a 20,0	11146	14,4						34,3
20,0 a 21,0	11147	16,5						
21,0 a 22,0	11148	23,5						
22,0 a 23,0	11149	20,8						
23,0 a 24,0	11150	22,5						
24,0 a 25,0	11151	19,0						
25,0 a 26,0	11152	25,1						
26,0 a 27,0	11153	26,7						
27,0 a 28,0	11154	21,9						
28,0 a 29,0	11155	23,0						
29,0 a 30,0	11156	22,6						
30,0 a 31,0	11157	24,3						
31,0 a 32,0	11158	20,0						
32,0 a 33,0	11159	26,3						
33,0 a 34,0	11160	25,1						
34,0 a 35,0	11161	21,4						
35,0 a 36,0	11162	17,1						
36,0 a 37,0	11163	16,9						
37,0 a 38,0	11164	19,0						
38,0 a 39,0	11165	21,7						
39,0 a 40,0	11166	15,7						
40,0 a 41,0	11167	17,5						
41,0 a 42,0	11168	13,5						
42,0 a 43,0	11169	13,2						
43,0 a 44,0	11170	15,0						
44,0 a 45,0	11171	14,6						

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Cont. Furo: 2148-PM-145-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRIC: A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11172/75	15,7						
46,0 a 47,0	11173	17,1						
47,0 a 48,0	11174	15,1						
48,0 a 49,0	11175	17,0						
49,0 a 50,0	11176	15,4						
50,0 a 51,0	11177	15,1						
51,0 a 52,0	11178	14,9						
52,0 a 53,0	11179	13,5						
53,0 a 54,0	11180	13,0						
54,0 a 55,0	11181	16,0						
55,0 a 56,0	11182	16,1						
56,0 a 57,0	11183	14,5						
57,0 a 58,0	11184	12,0						
58,0 a 59,0	11185	11,7						
59,0 a 60,0	11186	11,6						
60,0 a 61,0	11187	9,7						
61,0 a 62,60	11188	8,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTRÓGRÁFICA

FURO DE SONDA: 2148-PM-146-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11754/75	1,4						
1,0 a 2,0	11755	1,0						
2,0 a 3,0	11756	1,0						
3,0 a 4,0	11757	1,1						
4,0 a 5,0	11758	0,9						
5,0 a 6,0	11759	1,0						
6,0 a 7,0	11760	0,7						
7,0 a 8,0	11761	0,7						
8,0 a 9,0	11762	0,5						
9,0 a 10,0	11763	0,5						
10,0 a 11,0	11764	0,5						
11,0 a 12,0	11765	0,5						
12,0 a 13,0	11766	0,5						
13,0 a 14,0	11767	0,5						
14,0 a 15,0	11768	0,6						
15,0 a 16,0	11769	0,5						
16,0 a 17,0	11770	0,5						
17,0 a 18,0	11771	0,6						

84

Cont. Furo: 2148-PM-146-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11772/75	0,6						
19,0 a 20,0	11773	<0,5						
20,0 a 21,0	11774	0,5						
21,0 a 22,0	11775	1,0						
22,0 a 23,0	11776	1,8						
23,0 a 24,0	11777	3,0						
24,0 a 25,0	11778	3,6						
25,0 a 26,0	11779	2,6						
26,0 a 27,0	11780	2,5						
27,0 a 28,0	11781	2,8						
28,0 a 29,0	11782	3,0						
29,0 a 30,0	11783	2,8						
30,0 a 31,0	11784	3,0						
31,0 a 32,0	11785	2,8						
32,0 a 33,0	11786	2,5						
33,0 a 34,0	11787	5,0						
34,0 a 35,0	11788	4,8						
35,0 a 36,0	11789	2,5						
36,0 a 37,0	11790	3,0						
37,0 a 38,0	11791	2,4						
38,0 a 39,0	11792	3,0						
39,0 a 40,0	11793	2,9						
40,0 a 41,0	11794	2,8						
41,0 a 42,0	11795	2,0						
42,0 a 43,0	11796	2,3						
43,0 a 44,0	11797	2,3						
44,0 a 45,0	11798	2,2						

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Cont. Furo: 2148-PM-146-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11799/75	2,5						
46,0 a 47,0	11800	1,4						
47,0 a 48,0	11801	0,9						
48,0 a 49,0	11802	0,7						
49,0 a 50,0	11803	0,9						
50,0 a 51,0	11804	1,4						
51,0 a 52,0	11805	1,1						
52,0 a 53,0	11806	1,0						
53,0 a 54,0	11807	1,8						
54,0 a 55,0	11808	1,7						
55,0 a 56,0	11809	2,1						
56,0 a 57,0	11810	3,0						
57,0 a 58,0	11811	3,3						
58,0 a 59,0	11812	3,0						
59,0 a 60,0	11813	3,6						
60,0 a 61,0	11814	3,8						
61,0 a 62,0	11815	2,8						
62,0 a 63,0	11816	3,5						
63,0 a 64,50	11817	3,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-147-MG

OBSERVAÇÃO:* Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. * CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11194/75	2,4						7,3
1,0 a 2,0	11195	11,7						3,0
2,0 a 3,0	11196	11,1						4,7
3,0 a 4,0	11197	9,8						1,0
4,0 a 5,0	11198	11,0						2,0
5,0 a 6,0	11199	7,7						5,9
6,0 a 7,0	11200	7,3						9,7
7,0 a 8,0	11201	11,3						51,0
8,0 a 9,0	11202	20,5						74,5
9,0 a 10,0	11203	24,8						72,4
10,0 a 11,0	11204	21,8						65,3
11,0 a 12,0	11205	20,0						67,9
12,0 a 13,0	11206	18,4						68,5
13,0 a 14,0	11207	21,2						68,6
14,0 a 15,0	11208	21,8						76,4
15,0 a 16,0	11209	21,2						69,7
16,0 a 17,0	11210	20,5						61,7
17,0 a 18,0	11211	20,0						65,5

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Cont. Furo: 2148-PM-147-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11212/75	20,5						63,6
19,0 a 20,0	11213	18,7						66,4
20,0 a 21,0	11214	15,2						
21,0 a 22,0	11215	16,6						
22,0 a 23,0	11216	19,5						
23,0 a 24,0	11217	19,7						
24,0 a 25,0	11218	19,9						
25,0 a 26,0	11219	24,4						
26,0 a 27,0	11220	25,4						
27,0 a 28,0	11221	23,2						
28,0 a 29,0	11222	21,3						
29,0 a 30,0	11223	20,3						
30,0 a 31,0	11224	21,0						
31,0 a 32,0	11225	21,1						
32,0 a 33,0	11226	20,7						
33,0 a 34,0	11227	21,4						
34,0 a 35,0	11228	18,0						
35,0 a 36,0	11229	14,8						
36,0 a 37,0	11230	20,6						
37,0 a 38,0	11231	18,4						
38,0 a 39,0	11232	17,3						
39,0 a 40,0	11233	15,2						
40,0 a 41,0	11234	19,1						
41,0 a 42,0	11235	19,0						
42,0 a 43,0	11236	18,4						
43,0 a 44,0	11237	15,2						
44,0 a 45,0	11238	14,5						
45,0 a 46,0	11239	14,5						

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Cont. Furo: 2148-PM-147-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	11240/75	16,1						
47,0 a 48,0	11241	14,4						
48,0 a 49,0	11242	13,2						
49,0 a 50,0	11243	12,4						
50,0 a 51,0	11244	15,8						
51,0 a 52,0	11245	13,4						
52,0 a 53,0	11246	12,4						
53,0 a 54,0	11247	13,7						
54,0 a 55,0	11248	11,2						
55,0 a 56,0	11249	12,4						
56,0 a 57,0	11250	15,4						
57,0 a 58,50	11251	6,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-148-MG

OBSERVAÇÃO: De 83 a 85 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11652/75	4,0						
1,0 a 2,0	11653	0,8						
2,0 a 3,0	11654	0,8						
3,0 a 4,0	11655	1,0						
4,0 a 5,0	11656	0,5						
5,0 a 6,0	11657	0,5						
6,0 a 7,0	11658	<0,5						
7,0 a 8,0	11659	1,4						
8,0 a 9,0	11660	2,3						
9,0 a 10,0	11661	2,9						
10,0 a 11,0	11662	2,9						
11,0 a 12,0	11663	2,6						
12,0 a 13,0	11664	2,9						
13,0 a 14,0	11665	3,7						
14,0 a 15,0	11666	4,0						
15,0 a 16,0	11667	2,1						
16,0 a 17,0	11668	2,1						
17,0 a 18,0	11669	3,0						

JM

Cont. Furo: 2148-PM-148-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11670/75	10,2						
19,0 a 20,0	11671	6,1						
20,0 a 21,0	11672	11,0						
21,0 a 22,0	11673	12,6						
22,0 a 23,0	11674	10,8						
23,0 a 24,0	11675	13,4						
24,0 a 25,0	11676	11,6						
25,0 a 26,0	11677	13,3						
26,0 a 27,0	11678	8,3						
27,0 a 28,0	11679	6,4						
28,0 a 29,0	11680	6,8						
29,0 a 30,0	11681	12,7						
30,0 a 31,0	11682	12,0						
31,0 a 32,0	11683	13,3						
32,0 a 33,0	11684	18,1						
33,0 a 34,0	11685	14,8						
34,0 a 35,0	11686	15,2						
35,0 a 36,0	11687	18,3						
36,0 a 37,0	11688	13,7						
37,0 a 38,0	11689	16,2						
38,0 a 39,0	11690	17,2						
39,0 a 40,0	11691	20,2						
40,0 a 41,0	11692	14,7						
41,0 a 42,0	11693	17,2						
42,0 a 43,0	11694	16,0						
43,0 a 44,0	11695	17,2						
44,0 a 45,0	11696	22,2						

84

Cont. Furo: 2148-PM-148-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11697/75	13,7						
46,0 a 47,0	11698	16,5						
47,0 a 48,0	11699	14,8						
48,0 a 49,0	11700	18,9						
49,0 a 50,0	11701	18,3						
50,0 a 51,0	11702	20,6						
51,0 a 52,0	11703	16,2						
52,0 a 53,0	11704	17,3						
53,0 a 54,0	11705	18,0						
54,0 a 55,0	11706	19,0						
55,0 a 56,0	11707	20,7						
56,0 a 57,0	11708	15,2						
57,0 a 58,0	11709	15,8						
58,0 a 59,0	11710	14,1						
59,0 a 60,0	11711	14,2						
60,0 a 61,0	11712	17,6						
61,0 a 62,0	11713	17,8						
62,0 a 63,0	11714	15,8						
63,0 a 64,0	11715	13,3						
64,0 a 65,0	11716	17,2						
65,0 a 66,0	11717	14,5						
66,0 a 67,0	11718	17,1						
67,0 a 68,0	11719	16,5						
68,0 a 69,0	11720	18,0						
69,0 a 70,0	11721	21,1						
70,0 a 71,0	11722	16,0						
71,0 a 72,0	11723	15,6						

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Cont. Furo: 2148-PM-148-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	11724/75	17,7						
73,0 a 74,0	11725	18,9						
74,0 a 75,0	11726	20,7						
75,0 a 76,0	11727	15,7						
76,0 a 77,0	11728	15,7						
77,0 a 78,0	11729	14,7						
78,0 a 79,0	11730	15,0						
79,0 a 80,0	11731	22,0						
80,0 a 81,0	11732	23,0						
81,0 a 82,0	11733	21,8						
82,0 a 83,0	11734	19,6						
85,0 a 86,0	11735	18,0						
86,0 a 87,0	11736	12,4						
87,0 a 88,0	11737	15,5						
88,0 a 89,0	11738	9,1						
89,0 a 90,0	11739	5,0						
90,0 a 91,0	11740	13,0						
91,0 a 92,0	11741	6,7						
92,0 a 93,0	11742	7,2						
93,0 a 94,0	11743	17,2						
94,0 a 95,0	11744	12,5						
95,0 a 96,10	11745	8,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: IAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-149-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11257/75	1,6						
1,0 a 2,0	11258	1,2						
2,0 a 3,0	11259	1,1						
3,0 a 4,0	11260	0,7						
4,0 a 5,0	11261	1,4						
5,0 a 6,0	11262	1,1						
6,0 a 7,0	11263	1,6						
7,0 a 8,0	11264	2,1						
8,0 a 9,0	11265	3,9						
9,0 a 10,0	11266	2,9						
10,0 a 11,0	11267	4,6						
11,0 a 12,0	11268	3,7						
12,0 a 13,0	11269	2,0						
13,0 a 14,0	11270	2,0						
14,0 a 15,0	11271	2,2						
15,0 a 16,0	11272	2,0						
16,0 a 17,0	11273	2,3						
17,0 a 18,0	11274	2,2						

84

Cont. Furo: 2148-PM-149-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11275/75	2,0						
19,0 a 20,0	11276	1,5						
20,0 a 21,0	11277	1,7						
21,0 a 22,0	11278	2,0						
22,0 a 23,0	11279	2,1						
23,0 a 24,0	11280	2,3						
24,0 a 25,0	11281	1,7						
25,0 a 26,0	11282	1,8						
26,0 a 27,0	11283	1,4						
27,0 a 28,0	11284	2,0						
28,0 a 29,0	11285	1,7						
29,0 a 30,0	11286	1,6						
30,0 a 31,0	11287	1,1						
31,0 a 32,0	11288	1,2						
32,0 a 33,0	11289	1,5						
33,0 a 34,0	11290	1,4						
34,0 a 35,0	11291	4,1						
35,0 a 36,40	11292	4,3						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-150-MG.

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11582/75	19,3						
1,0 a 2,0	11583	17,5						
2,0 a 3,0	11584	24,6						
3,0 a 4,0	11585	16,0						
4,0 a 5,0	11586	16,2						
5,0 a 6,0	11587	15,8						
6,0 a 7,0	11588	23,1						
7,0 a 8,0	11589	14,6						
8,0 a 9,0	11590	15,6						
9,0 a 10,0	11591	13,5						
10,0 a 11,0	11592	11,9						
11,0 a 12,0	11593	17,2						
12,0 a 13,0	11594	15,5						
13,0 a 14,0	11595	13,1						
14,0 a 15,0	11596	6,9						
15,0 a 16,0	11597	12,0						
16,0 a 17,0	11598	4,5						
17,0 a 18,0	11599	9,1						

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Cont. Furo: 2148-PM-150-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11600/75	10,7						
19,0 a 20,0	11601	20,2						
20,0 a 21,0	11602	16,7						
21,0 a 22,0	11603	5,0						
22,0 a 23,0	11604	13,7						
23,0 a 24,0	11605	10,0						
24,0 a 25,0	11606	10,8						
25,0 a 26,0	11607	5,7						
26,0 a 27,0	11608	11,5						
27,0 a 28,0	11609	4,3						
28,0 a 29,0	11610	7,5						
29,0 a 30,0	11611	3,0						
30,0 a 31,0	11612	3,3						
31,0 a 32,0	11613	10,8						
32,0 a 33,0	11614	13,5						
33,0 a 34,0	11615	7,0						
34,0 a 35,0	11616	5,0						
35,0 a 36,0	11617	9,2						
36,0 a 37,0	11618	17,5						
37,0 a 38,0	11619	6,1						
38,0 a 39,0	11620	6,0						
39,0 a 40,0	11621	15,0						
40,0 a 41,0	11622	13,0						
41,0 a 42,0	11623	11,3						
42,0 a 43,0	11624	2,8						
43,0 a 44,0	11625	13,1						
44,0 a 45,0	11626	11,1						
45,0 a 46,0	11627	9,6						

guy

Cont. Furo: 2148-PM-150-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	11628/75	22,2						
47,0 a 48,0	11629	15,4						
48,0 a 49,0	11630	9,9						
49,0 a 50,0	11631	5,3						
50,0 a 51,0	11632	3,6						
51,0 a 52,0	11633	7,2						
52,0 a 53,0	11634	7,5						
53,0 a 54,0	11635	2,1						
54,0 a 55,0	11636	9,2						
55,0 a 56,0	11637	14,6						
56,0 a 57,0	11638	15,6						
57,0 a 58,0	11639	15,6						
58,0 a 59,0	11640	7,8						
59,0 a 60,0	11641	18,0						
60,0 a 61,0	11642	25,0						
61,0 a 62,0	11643	7,5						
62,0 a 63,0	11644	10,5						
63,0 a 64,45	11645	5,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-151-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						* SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11527/75	14,9						9,6
1,0 a 2,0	11528	15,3						28,8
2,0 a 3,0	11529	15,1						55,3
3,0 a 4,0	11530	13,0						68,1
4,0 a 5,0	11531	9,9						68,3
5,0 a 6,0	11532	9,6						74,9
6,0 a 7,0	11533	10,1						72,0
7,0 a 8,0	11534	9,8						70,0
8,0 a 9,0	11535	7,5						70,3
9,0 a 10,0	11536	4,9						75,2
10,0 a 11,0	11537	4,2						79,2
11,0 a 12,0	11538	2,3						79,5
12,0 a 13,0	11539	4,1						87,4
13,0 a 14,0	11540	2,9						89,4
14,0 a 15,0	11541	2,8						81,0
15,0 a 16,0	11542	6,5						72,5
16,0 a 17,0	11543	8,2						66,9
17,0 a 18,0	11544	6,8						73,6

RP

Cont. Furo: 2148-PM-151-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11545/75	6,2						69,5
19,0 a 20,0	11546	3,8						68,3
20,0 a 21,0	11547	2,6						
21,0 a 22,0	11548	2,0						
22,0 a 23,0	11549	2,1						
23,0 a 24,0	11550	4,2						
24,0 a 25,0	11551	3,2						
25,0 a 26,0	11552	2,9						
26,0 a 27,0	11553	5,8						
27,0 a 28,0	11554	3,7						
28,0 a 29,0	11555	8,4						
29,0 a 30,0	11556	2,8						
30,0 a 31,0	11557	4,0						
31,0 a 32,0	11558	3,4						
32,0 a 33,0	11559	6,1						
33,0 a 34,0	11560	4,7						
34,0 a 35,0	11561	4,1						
35,0 a 36,0	11562	4,4						
36,0 a 37,0	11563	2,4						
37,0 a 38,0	11564	3,3						
38,0 a 39,0	11565	6,7						
39,0 a 40,0	11566	1,7						
40,0 a 41,0	11567	1,8						
41,0 a 42,0	11568	3,1						
42,0 a 43,0	11569	2,6						
43,0 a 44,0	11570	3,0						
44,0 a 45,0	11571	1,8						
45,0 a 46,0	11572	1,7						

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Cont. Furo: 2148-PM-151-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	11573/75	2,0						
47,0 a 48,0	11574	3,9						
48,0 a 49,0	11575	1,5						
49,0 a 50,0	11576	2,0						
50,0 a 51,50	11577	1,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-152-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11471/75	16,5						
1,0 a 2,0	11472	12,2						
2,0 a 3,0	11473	6,0						
3,0 a 4,0	11474	11,4						
4,0 a 5,0	11475	4,5						
5,0 a 6,0	11476	11,2						
6,0 a 7,0	11477	16,5						
7,0 a 8,0	11478	8,0						
8,0 a 9,0	11479	7,3						
9,0 a 10,0	11480	12,8						
10,0 a 11,0	11481	5,2						
11,0 a 12,0	11482	4,8						
12,0 a 13,0	11483	5,3						
13,0 a 14,0	11484	5,2						
14,0 a 15,0	11485	6,3						
15,0 a 16,0	11486	3,1						
16,0 a 17,0	11487	4,5						
17,0 a 18,0	11488	3,0						

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Cont. Furo: 2148-PM-152-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11489/75	2,5						
19,0 a 20,0	11490	2,2						
20,0 a 21,0	11491	2,0						
21,0 a 22,0	11492	2,3						
22,0 a 23,0	11493	3,0						
23,0 a 24,0	11494	4,3						
24,0 a 25,0	11495	3,0						
25,0 a 26,0	11496	3,6						
26,0 a 27,0	11497	3,2						
27,0 a 28,0	11498	3,6						
28,0 a 29,0	11499	3,5						
29,0 a 30,0	11500	3,2						
30,0 a 31,0	11501	4,3						
31,0 a 32,0	11502	4,0						
32,0 a 33,0	11503	6,2						
33,0 a 34,0	11504	4,3						
34,0 a 35,0	11505	5,8						
35,0 a 36,0	11506	2,2						
36,0 a 37,0	11507	3,5						
37,0 a 38,0	11508	5,0						
38,0 a 39,0	11509	6,3						
39,0 a 40,0	11510	6,8						
40,0 a 41,0	11511	7,7						
41,0 a 42,0	11512	8,4						
42,0 a 43,0	11513	3,3						
43,0 a 44,0	11514	7,3						
44,0 a 45,0	11515	11,0						

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Cont. Furo: 2148-PM-152-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11516/75	9,1						
46,0 a 47,0	11517	2,5						
47,0 a 48,0	11518	9,4						
48,0 a 49,0	11519	9,9						
49,0 a 50,0	11520	3,7						
50,0 a 51,0	11521	2,2						
51,0 a 52,60	11522	5,1						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-153-MG

OBSERVAÇÃO: * Fósforo solúvel dosado por colorimetria.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						* SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11411/75	10,3						40,5
1,0 a 2,0	11412	7,6						57,5
2,0 a 3,0	11413	3,9						81,8
3,0 a 4,0	11414	2,3						94,9
4,0 a 5,0	11415	4,8						81,3
5,0 a 6,0	11416	5,5						74,0
6,0 a 7,0	11417	3,9						85,9
7,0 a 8,0	11418	2,3						88,7
8,0 a 9,0	11419	2,7						80,2
9,0 a 10,0	11420	3,3						71,8
10,0 a 11,0	11421	4,6						67,2
11,0 a 12,0	11422	3,6						77,2
12,0 a 13,0	11423	2,8						81,8
13,0 a 14,0	11424	2,7						67,3
14,0 a 15,0	11425	2,1						77,2
15,0 a 16,0	11426	2,1						85,2
16,0 a 17,0	11427	3,9						90,7
17,0 a 18,0	11428	3,0						80,2

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Cont. Furo: 2148-PM-153-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11429/75	4,8						96,6
19,0 a 20,0	11430	4,6						88,0
20,0 a 21,0	11431	3,1						
21,0 a 22,0	11432	4,0						
22,0 a 23,0	11433	6,1						
23,0 a 24,0	11434	7,6						
24,0 a 25,0	11435	5,8						
25,0 a 26,0	11436	7,3						
26,0 a 27,0	11437	5,7						
27,0 a 28,0	11438	2,8						
28,0 a 29,0	11439	2,0						
29,0 a 30,0	11440	4,0						
30,0 a 31,0	11441	2,1						
31,0 a 32,0	11442	1,8						
32,0 a 33,0	11443	1,7						
33,0 a 34,0	11444	1,2						
34,0 a 35,0	11445	1,5						
35,0 a 36,0	11446	2,1						
36,0 a 37,0	11447	1,1						
37,0 a 38,0	11448	1,1						
38,0 a 39,0	11449	1,5						
39,0 a 40,0	11450	1,7						
40,0 a 41,0	11451	2,2						
41,0 a 42,0	11452	4,9						
42,0 a 43,0	11453	2,2						
43,0 a 44,0	11454	2,2						
44,0 a 45,0	11455	2,0						
45,0 a 46,0	11456	1,9						

JM

Cont. Furo: 2148-PM-153-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	11457/75	3,0						
47,0 a 48,0	11458	4,4						
48,0 a 49,0	11459	2,5						
49,0 a 50,0	11460	1,5						
50,0 a 51,0	11461	3,2						
51,0 a 52,0	11462	3,2						
52,0 a 53,0	11463	1,4						
53,0 a 54,0	11464	1,8						
54,0 a 55,0	11465	1,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-154-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11342/75	2,2						
1,0 a 2,0	11343	2,2						
2,0 a 3,0	11344	1,6						
3,0 a 4,0	11345	1,1						
4,0 a 5,0	11346	1,0						
5,0 a 6,0	11347	0,9						
6,0 a 7,0	11348	1,3						
7,0 a 8,0	11349	1,2						
8,0 a 9,0	11350	2,1						
9,0 a 10,0	11351	1,5						
10,0 a 11,0	11352	1,5						
11,0 a 12,0	11353	1,2						
12,0 a 13,0	11354	3,8						
13,0 a 14,0	11355	2,2						
14,0 a 15,0	11356	3,0						
15,0 a 16,0	11357	4,3						
16,0 a 17,0	11358	4,4						
17,0 a 18,0	11359	3,3						

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Cont. Furo: 2148-PM-154-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11360/75	2,8						
19,0 a 20,0	11361	2,2						
20,0 a 21,0	11362	1,9						
21,0 a 22,0	11363	2,1						
22,0 a 23,0	11364	2,0						
23,0 a 24,0	11365	2,3						
24,0 a 25,0	11366	3,8						
25,0 a 26,0	11367	2,7						
26,0 a 27,0	11368	2,5						
27,0 a 28,0	11369	2,1						
28,0 a 29,0	11370	2,6						
29,0 a 30,0	11371	1,9						
30,0 a 31,0	11372	2,3						
31,0 a 32,0	11373	3,4						
32,0 a 33,0	11374	4,1						
33,0 a 34,0	11375	3,7						
34,0 a 35,0	11376	2,0						
35,0 a 36,0	11377	4,2						
36,0 a 37,0	11378	3,7						
37,0 a 38,0	11379	3,6						
38,0 a 39,0	11380	4,4						
39,0 a 40,0	11381	3,5						
40,0 a 41,0	11382	2,9						
41,0 a 42,0	11383	2,7						
42,0 a 43,0	11384	1,1						
43,0 a 44,0	11385	1,8						
44,0 a 45,0	11386	2,5						

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Cont. Furo: 2148-PM-154-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11387/75	2,3						
46,0 a 47,0	11388	2,8						
47,0 a 48,0	11389	4,4						
48,0 a 49,0	11390	4,6						
49,0 a 50,0	11391	4,2						
50,0 a 51,0	11392	3,9						
51,0 a 52,0	11393	4,9						
52,0 a 53,0	11394	5,2						
53,0 a 54,0	11395	5,9						
54,0 a 55,0	11396	3,3						
55,0 a 56,0	11397	1,9						
56,0 a 57,0	11398	2,0						
57,0 a 58,0	11399	2,9						
58,0 a 59,0	11400	2,0						
59,0 a 60,0	11401	1,1						
60,0 a 61,0	11402	1,9						
61,0 a 62,0	11403	1,9						
62,0 a 63,0	11404	1,9						
63,0 a 64,30	11405	1,6						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-155-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11296/75	1,1						
1,0 a 2,0	11297	1,0						
2,0 a 3,0	11298	1,3						
3,0 a 4,0	11299	0,5						
4,0 a 5,0	11300	0,8						
5,0 a 6,0	11301	0,7						
6,0 a 7,0	11302	0,6						
7,0 a 8,0	11303	0,6						
8,0 a 9,0	11304	0,9						
9,0 a 10,0	11305	0,9						
10,0 a 11,0	11306	0,7						
11,0 a 12,0	11307	1,3						
12,0 a 13,0	11308	3,3						
13,0 a 14,0	11309	3,0						
14,0 a 15,0	11310	2,3						
15,0 a 16,0	11311	1,9						
16,0 a 17,0	11312	3,1						
17,0 a 18,0	11313	2,6						

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Cont. Furo: 2148-PM-155-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11314/75	2,1						
19,0 a 20,0	11315	1,6						
20,0 a 21,0	11316	1,6						
21,0 a 22,0	11317	1,8						
22,0 a 23,0	11318	1,9						
23,0 a 24,0	11319	1,5						
24,0 a 25,0	11320	1,5						
25,0 a 26,0	11321	1,8						
26,0 a 27,0	11322	1,6						
27,0 a 28,0	11323	1,0						
28,0 a 29,0	11324	1,0						
29,0 a 30,0	11325	1,9						
30,0 a 31,0	11326	1,2						
31,0 a 32,0	11327	1,8						
32,0 a 33,0	11328	3,5						
33,0 a 34,0	11329	1,1						
34,0 a 35,0	11330	1,6						
35,0 a 36,0	11331	3,1						
36,0 a 37,0	11332	3,2						
37,0 a 38,0	11333	3,0						
38,0 a 39,0	11334	3,9						
39,0 a 40,0	11335	4,6						
40,0 a 41,0	11336	5,0						
41,0 a 42,0	11337	1,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO DATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-156-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11898/75	2,3						
1,0 a 2,0	11899	1,7						
2,0 a 3,0	11900	1,9						
3,0 a 4,0	11901	1,7						
4,0 a 5,0	11902	1,9						
5,0 a 6,0	11903	1,4						
6,0 a 7,0	11904	1,5						
7,0 a 8,0	11905	1,4						
8,0 a 9,0	11906	1,5						
9,0 a 10,0	11907	1,9						
10,0 a 11,0	11908	1,6						
11,0 a 12,0	11909	1,2						
12,0 a 13,0	11910	1,4						
13,0 a 14,0	11911	1,7						
14,0 a 15,0	11912	1,7						
15,0 a 16,0	11913	1,2						
16,0 a 17,0	11914	1,3						
17,0 a 18,0	11915	1,7						

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Cont. Furo: 2148-PM-156-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11916/75	2,1						
19,0 a 20,0	11917	2,4						
20,0 a 21,0	11918	3,5						
21,0 a 22,0	11919	3,1						
22,0 a 23,0	11920	2,9						
23,0 a 24,0	11921	2,4						
24,0 a 25,0	11922	3,6						
25,0 a 26,0	11923	3,7						
26,0 a 27,0	11924	3,9						
27,0 a 28,0	11925	2,4						
28,0 a 29,0	11926	2,9						
29,0 a 30,0	11927	3,1						
30,0 a 31,0	11928	3,2						
31,0 a 32,0	11929	3,8						
32,0 a 33,0	11930	4,0						
33,0 a 34,0	11931	3,1						
34,0 a 35,0	11932	2,8						
35,0 a 36,0	11933	3,5						
36,0 a 37,0	11934	3,4						
37,0 a 38,0	11935	4,0						
38,0 a 39,0	11936	4,7						
39,0 a 40,0	11937	2,3						
40,0 a 41,0	11938	1,9						
41,0 a 42,0	11939	1,5						
42,0 a 43,0	11940	2,6						
43,0 a 43,75	11941	1,9						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SEBLAC

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-157-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	11946/75	1,1						
1,0 a 2,0	11947	1,7						
2,0 a 3,0	11948	1,3						
3,0 a 4,0	11949	1,2						
4,0 a 5,0	11950	1,2						
5,0 a 6,0	11951	1,2						
6,0 a 7,0	11952	1,4						
7,0 a 8,0	11953	1,4						
8,0 a 9,0	11954	1,4						
9,0 a 10,0	11955	5,4						
10,0 a 11,0	11956	5,6						
11,0 a 12,0	11957	5,8						
12,0 a 13,0	11958	6,5						
13,0 a 14,0	11959	4,8						
14,0 a 15,0	11960	7,8						
15,0 a 16,0	11961	3,7						
16,0 a 17,0	11962	4,0						
17,0 a 18,0	11963	4,5						

Jy

Cont. Furo: 2148-PM-157-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	11964/75	3,1						
19,0 a 20,0	11965	3,0						
20,0 a 21,0	11966	3,4						
21,0 a 22,0	11967	3,1						
22,0 a 23,0	11968	4,4						
23,0 a 24,0	11969	5,5						
24,0 a 25,0	11970	5,8						
25,0 a 26,0	11971	6,6						
26,0 a 27,0	11972	6,2						
27,0 a 28,0	11973	4,6						
28,0 a 29,0	11974	5,4						
29,0 a 30,0	11975	6,2						
30,0 a 31,0	11976	8,3						
31,0 a 32,0	11977	5,7						
32,0 a 33,0	11978	6,8						
33,0 a 34,0	11979	5,6						
34,0 a 35,0	11980	6,9						
35,0 a 36,0	11981	6,3						
36,0 a 37,0	11982	3,3						
37,0 a 38,0	11983	2,9						
38,0 a 39,0	11984	4,4						
39,0 a 40,0	11985	4,1						
40,0 a 41,0	11986	5,0						
41,0 a 42,0	11987	5,5						
42,0 a 43,0	11988	4,1						
43,0 a 44,0	11989	4,4						
44,0 a 45,0	11990	5,1						

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Cont. Furo: 2148-PM-157-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	11991/75	5,1						
46,0 a 47,0	11992	6,2						
47,0 a 48,0	11993	7,8						
48,0 a 49,0	11994	8,0						
49,0 a 50,0	11995	4,3						
50,0 a 51,0	11996	5,0						
51,0 a 52,35	11997	3,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-158-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12001/75	2,1						
1,0 a 2,0	12002	1,0						
2,0 a 3,0	12003	0,7						
3,0 a 4,0	12004	0,5						
4,0 a 5,0	12005	0,5						
5,0 a 6,0	12006	<0,5						
6,0 a 7,0	12007	0,5						
7,0 a 8,0	12008	0,5						
8,0 a 9,0	12009	0,5						
9,0 a 10,0	12010	0,5						
10,0 a 11,0	12011	0,5						
11,0 a 12,0	12012	0,5						
12,0 a 13,0	12013	0,6						
13,0 a 14,0	12014	0,5						
14,0 a 15,0	12015	0,5						
15,0 a 16,0	12016	0,5						
16,0 a 17,0	12017	0,7						
17,0 a 18,0	12018	0,5						

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Cont. Fur.: 2148-PM-158-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12019/75	0,5						
19,0 a 20,0	12020	0,5						
20,0 a 21,0	12021	0,5						
21,0 a 22,0	12022	0,5						
22,0 a 23,0	12023	0,5						
23,0 a 24,0	12024	0,5						
24,0 a 25,0	12025	0,5						
25,0 a 26,0	12026	0,6						
26,0 a 27,0	12027	0,6						
27,0 a 28,0	12028	0,6						
28,0 a 29,0	12029	0,6						
29,0 a 30,0	12030	0,7						
30,0 a 31,0	12031	0,6						
31,0 a 32,0	12032	0,6						
32,0 a 33,0	12033	0,9						
33,0 a 34,0	12034	0,9						
34,0 a 35,0	12035	1,0						
35,0 a 36,0	12036	0,9						
36,0 a 37,0	12037	0,7						
37,0 a 38,0	12038	0,7						
38,0 a 39,0	12039	0,6						
39,0 a 40,0	12040	1,0						
40,0 a 41,0	12041	1,3						
41,0 a 42,0	12042	0,9						
42,0 a 43,0	12043	0,9						
43,0 a 44,0	12044	0,5						
44,0 a 45,0	12045	0,7						
45,0 a 46,0	12046	2,7						

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Cont. Furo: 2148-PM-158-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	12047/75	2,8						
47,0 a 48,0	12048	3,1						
48,0 a 49,0	12049	3,3						
49,0 a 50,0	12050	1,4						
50,0 a 51,0	12051	1,5						
51,0 a 52,0	12052	1,5						
52,0 a 53,0	12053	1,7						
53,0 a 54,0	12054	1,4						
54,0 a 55,0	12055	0,7						
55,0 a 56,05	12056	0,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-159-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12061/75	2,0						
1,0 a 2,0	12062	2,4						
2,0 a 3,0	12063	2,3						
3,0 a 4,0	12064	1,5						
4,0 a 5,0	12065	1,5						
5,0 a 6,0	12066	1,4						
6,0 a 7,0	12067	1,8						
7,0 a 8,0	12068	7,1						
8,0 a 9,0	12069	11,2						
9,0 a 10,0	12070	8,1						
10,0 a 11,0	12071	9,1						
11,0 a 12,0	12072	8,0						
12,0 a 13,0	12073	6,6						
13,0 a 14,0	12074	9,1						
14,0 a 15,0	12075	12,9						
15,0 a 16,0	12076	14,6						
16,0 a 17,0	12077	18,5						
17,0 a 18,0	12078	12,4						

gr

Cont. Furo: 2148-PM-159-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12079/75	15,7						
19,0 a 20,0	12080	14,6						
20,0 a 21,0	12081	15,4						
21,0 a 22,0	12082	13,6						
22,0 a 23,0	12083	12,9						
23,0 a 24,0	12084	9,5						
24,0 a 25,0	12085	13,1						
25,0 a 26,0	12086	12,2						
26,0 a 27,0	12087	11,5						
27,0 a 28,0	12088	17,2						
28,0 a 29,0	12089	16,1						
29,0 a 30,0	12090	19,0						
30,0 a 31,0	12091	18,1						
31,0 a 32,0	12092	17,7						
32,0 a 33,0	12093	20,2						
33,0 a 34,0	12094	18,8						
34,0 a 35,0	12095	21,4						
35,0 a 36,0	12096	19,6						
36,0 a 37,0	12097	19,6						
37,0 a 38,0	12098	16,0						
38,0 a 39,0	12099	20,6						
39,0 a 40,0	12100	18,7						
40,0 a 41,0	12101	16,2						
41,0 a 42,0	12102	16,6						
42,0 a 43,0	12103	22,4						
43,0 a 44,0	12104	23,4						
44,0 a 45,0	12105	20,8						

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Cont. Furo: 2148-PM-159-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	12106/75	21,0						
46,0 a 47,0	12107	17,8						
47,0 a 48,0	12108	21,0						
48,0 a 49,0	12109	21,7						
49,0 a 50,0	12110	21,5						
50,0 a 51,0	12111	22,0						
51,0 a 52,0	12112	22,0						
52,0 a 53,0	12113	21,4						
53,0 a 54,0	12114	22,2						
54,0 a 55,0	12115	19,5						
55,0 a 56,0	12116	19,2						
56,0 a 57,0	12117	12,9						
57,0 a 58,0	12118	14,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-160-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12124/75	14,4						
1,0 a 2,0	12125	8,2						
2,0 a 3,0	12126	4,6						
3,0 a 4,0	12127	2,7						
4,0 a 5,0	12128	15,4						
5,0 a 6,0	12129	7,5						
6,0 a 7,0	12130	3,8						
7,0 a 8,0	12131	11,5						
8,0 a 9,0	12132	6,4						
9,0 a 10,0	12133	8,6						
10,0 a 11,0	12134	2,0						
11,0 a 12,0	12135	5,0						
12,0 a 13,0	12136	5,0						
13,0 a 14,0	12137	5,5						
14,0 a 15,0	12138	3,7						
15,0 a 16,0	12139	2,6						
16,0 a 17,0	12140	1,6						
17,0 a 18,0	12141	2,1						

84

Cont. Furo: 2148-PM-160-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12142/75	3,4						
19,0 a 20,0	12143	4,1						
20,0 a 21,0	12144	3,8						
21,0 a 22,0	12145	3,3						
22,0 a 23,0	12146	2,0						
23,0 a 24,0	12147	3,5						
24,0 a 25,0	12148	2,7						
25,0 a 26,0	12149	2,9						
26,0 a 27,0	12150	3,5						
27,0 a 28,0	12151	4,6						
28,0 a 29,0	12152	2,3						
29,0 a 30,0	12153	3,5						
30,0 a 31,0	12154	3,0						
31,0 a 32,0	12155	1,2						
32,0 a 33,0	12156	4,3						
33,0 a 34,0	12157	3,4						
34,0 a 35,0	12158	1,8						
35,0 a 36,0	12159	3,7						
36,0 a 27,0	12160	4,0						
37,0 a 38,10	12161	5,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-161-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12164/75	24,3						
1,0 a 2,0	12165	25,1						
2,0 a 3,0	12166	25,2						
3,0 a 4,0	12167	14,8						
4,0 a 5,0	12168	27,3						
5,0 a 6,0	12169	27,1						
6,0 a 7,0	12170	21,5						
7,0 a 8,0	12171	15,9						
8,0 a 9,0	12172	21,5						
9,0 a 10,0	12173	9,0						
10,0 a 11,0	12174	12,9						
11,0 a 12,0	12175	13,6						
12,0 a 13,0	12176	12,0						
13,0 a 14,0	12177	15,6						
14,0 a 15,0	12178	13,4						
15,0 a 16,0	12179	14,4						
16,0 a 17,0	12180	13,6						
17,0 a 18,0	12181	15,8						

JM

Cont. Furo: 2148-PM-161-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12182/75	9,7						
19,0 a 20,0	12183	5,1						
20,0 a 21,0	12184	9,1						
21,0 a 22,0	12185	11,7						
22,0 a 23,0	12186	11,8						
23,0 a 24,0	12187	14,9						
24,0 a 25,0	12188	23,8						
25,0 a 26,0	12189	18,3						
26,0 a 27,0	12190	24,8						
27,0 a 28,0	12191	12,7						
28,0 a 29,0	12192	18,5						
29,0 a 30,0	12193	22,6						
30,0 a 31,0	12194	22,0						
31,0 a 32,0	12195	21,2						
32,0 a 33,0	12196	20,0						
33,0 a 34,0	12197	18,2						
34,0 a 35,0	12198	17,0						
35,0 a 36,0	12199	20,4						
36,0 a 37,0	12200	23,9						
37,0 a 38,0	12201	23,8						
38,0 a 39,0	12202	21,2						
39,0 a 40,0	12203	14,5						
40,0 a 41,0	12204	13,7						
41,0 a 42,0	12205	12,5						
42,0 a 43,0	12206	14,4						
43,0 a 44,0	12207	16,0						
44,0 a 45,0	12208	14,3						
45,0 a 46,0	12209	12,5						

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Cont. Furo: 2148-PM-161-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	12210/75	12,5						
47,0 a 48,0	12211	16,6						
48,0 a 49,0	12212	11,5						
49,0 a 50,0	12213	14,1						
50,0 a 51,0	12214	9,5						
51,0 a 52,0	12215	14,0						
52,0 a 53,0	12216	12,0						
53,0 a 54,0	12217	13,8						
54,0 a 55,0	12218	16,1						
55,0 a 56,0	12219	17,0						
56,0 a 57,0	12220	17,3						
57,0 a 58,0	12221	16,5						
58,0 a 59,0	12222	13,2						
59,0 a 60,0	12223	12,6						
60,0 a 61,0	12224	11,6						
61,0 a 62,0	12225	12,6						
62,0 a 63,0	12226	12,4						
63,0 a 64,10	12227	8,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SEBLAC

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-162-MG

OBSERVAÇÃO: De 71 a 73 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12233/75	20,2						
1,0 a 2,0	12234	25,3						
2,0 a 3,0	12235	18,7						
3,0 a 4,0	12236	15,5						
4,0 a 5,0	12237	14,3						
5,0 a 6,0	12238	15,1						
6,0 a 7,0	12239	15,2						
7,0 a 8,0	12240	15,3						
8,0 a 9,0	12241	15,5						
9,0 a 10,0	12242	16,7						
10,0 a 11,0	12243	14,9						
11,0 a 12,0	12244	15,2						
12,0 a 13,0	12245	15,2						
13,0 a 14,0	12246	13,0						
14,0 a 15,0	12247	10,0						
15,0 a 16,0	12248	8,7						
16,0 a 17,0	12249	12,9						
17,0 a 18,0	12250	5,6						

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Cont. Furo: 2148-PM-162-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12251/75	3,2						
19,0 a 20,0	12252	3,0						
20,0 a 21,0	12253	3,6						
21,0 a 22,0	12254	4,0						
22,0 a 23,0	12255	9,5						
23,0 a 24,0	12256	15,4						
24,0 a 25,0	12257	13,5						
25,0 a 26,0	12258	14,3						
26,0 a 27,0	12259	15,5						
27,0 a 28,0	12260	14,0						
28,0 a 29,0	12261	14,7						
29,0 a 30,0	12262	15,0						
30,0 a 31,0	12263	16,5						
31,0 a 32,0	12264	12,4						
32,0 a 33,0	12265	12,1						
33,0 a 34,0	12266	11,5						
34,0 a 35,0	12267	13,4						
35,0 a 36,0	12268	9,6						
36,0 a 37,0	12269	15,4						
37,0 a 38,0	12270	12,3						
38,0 a 39,0	12271	9,6						
39,0 a 40,0	12272	3,1						
40,0 a 41,0	12273	11,5						
41,0 a 42,0	12274	11,6						
42,0 a 43,0	12275	19,3						
43,0 a 44,0	12276	13,8						
44,0 a 45,0	12277	9,7						

JM

Cont. Furo: 2148-PM-162-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	12278/75	7,8						
46,0 a 47,0	12279	11,8						
47,0 a 48,0	12280	8,5						
48,0 a 49,0	12281	7,5						
49,0 a 50,0	12282	9,7						
50,0 a 51,0	12283	13,8						
51,0 a 52,0	12284	12,9						
52,0 a 53,0	12285	13,5						
53,0 a 54,0	12286	15,7						
54,0 a 55,0	12287	18,0						
55,0 a 56,0	12288	18,3						
56,0 a 57,0	12289	19,2						
57,0 a 58,0	12290	15,6						
58,0 a 59,0	12291	16,5						
59,0 a 60,0	12292	15,3						
60,0 a 61,0	12293	15,9						
61,0 a 62,0	12294	15,8						
62,0 a 63,0	12295	15,7						
63,0 a 64,0	12296	14,9						
64,0 a 65,0	12297	15,0						
65,0 a 66,0	12298	17,2						
66,0 a 67,0	12299	18,0						
67,0 a 68,0	12300	14,3						
68,0 a 69,0	12301	15,8						
69,0 a 70,0	12302	12,9						
70,0 a 71,0	12303	7,1						
73,0 a 74,0	12304	7,8						

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Cont. Furo: 2148-PM-162-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
74,0 a 75,0	12305/75	4,4						
75,0 a 76,0	12306	9,6						
76,0 a 77,0	12307	6,9						
77,0 a 78,0	12308	7,3						
78,0 a 79,05	12309	6,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-163-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12316/75	7,0						
1,0 a 2,0	12317	4,5						
2,0 a 3,0	12318	2,5						
3,0 a 4,0	12319	1,1						
4,0 a 5,0	12320	0,6						
5,0 a 6,0	12321	0,6						
6,0 a 7,0	12322	0,9						
7,0 a 8,0	12323	0,9						
8,0 a 9,0	12324	0,9						
9,0 a 10,0	12325	0,9						
10,0 a 11,0	12326	1,0						
11,0 a 12,0	12327	0,9						
12,0 a 13,0	12328	1,4						
13,0 a 14,0	12329	1,8						
14,0 a 15,0	12330	1,3						
15,0 a 16,0	12331	1,3						
16,0 a 17,0	12332	1,0						
17,0 a 18,0	12333	1,0						

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Cont. Furo: 2148-PM-163-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
18,0 a 19,0	12334/75	1,4						
19,0 a 20,0	12335	1,6						
20,0 a 21,0	12336	1,5						
21,0 a 22,0	12337	1,3						
22,0 a 23,0	12338	16,5						
23,0 a 24,0	12339	14,6						
24,0 a 25,0	12340	17,8						
25,0 a 26,0	12341	19,8						
26,0 a 27,0	12342	26,0						
27,0 a 28,0	12343	15,7						
28,0 a 29,0	12344	21,7						
29,0 a 30,0	12345	20,0						
30,0 a 31,0	12346	19,1						
31,0 a 32,0	12347	17,7						
32,0 a 33,0	12348	16,5						
33,0 a 34,0	12349	15,5						
34,0 a 35,0	12350	13,6						
35,0 a 36,0	12351	15,6						
36,0 a 37,0	12352	17,0						
37,0 a 38,0	12353	16,5						
38,0 a 39,0	12354	18,5						
39,0 a 40,0	12355	17,5						
40,0 a 41,0	12356	15,8						
41,0 a 42,0	12357	14,1						
42,0 a 43,0	12358	15,2						
43,0 a 44,0	12359	13,5						
44,0 a 45,0	12360	12,4						

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Cont. Furo: 2148-PM-163-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
45,0 a 46,0	12361/75	14,3						
46,0 a 47,0	12362	11,8						
47,0 a 48,0	12363	11,7						
48,0a 49,0	12364	9,1						
49,0 a 50,10	12365	7,0						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTRÓGRÁFICA

FURO DE SONDA: 2148-PM-164-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12708/75	7,9						
1,0 a 2,0	12709	7,7						
2,0 a 3,0	12710	9,7						
3,0 a 4,0	12711	11,8						
4,0 a 5,0	12712	18,1						
5,0 a 6,0	12713	15,8						
6,0 a 7,0	12714	18,7						
7,0 a 8,0	12715	22,0						
8,0 a 9,0	12716	21,9						
9,0 a 10,0	12717	20,1						
10,0 a 11,0	12718	17,1						
11,0 a 12,0	12719	18,1						
12,0 a 13,0	12720	21,8						
13,0 a 14,0	12721	18,5						
14,0 a 15,0	12722	22,3						
15,0 a 16,0	12723	23,7						
16,0 a 17,0	12724	19,3						
17,0 a 18,0	12725	17,0						

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Cont. Furo: 2148-PM-164-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12726/75	16,5						
19,0 a 20,0	12727	19,9						
20,0 a 21,0	12728	21,2						
21,0 a 22,0	12729	17,7						
22,0 a 23,0	12730	15,0						
23,0 a 24,0	12731	10,6						
24,0 a 25,0	12732	12,2						
25,0 a 26,0	12733	16,1						
26,0 a 27,0	12734	20,0						
27,0 a 28,0	12735	19,0						
28,0 a 29,0	12736	17,6						
29,0 a 30,0	12737	16,5						
30,0 a 31,0	12738	14,8						
31,0 a 32,0	12739	19,1						
32,0 a 33,0	12740	15,9						
33,0 a 34,0	12741	18,2						
34,0 a 35,0	12742	16,1						
35,0 a 37,0	12743	15,2						
36,0 a 37,0	12744	16,5						
37,0 a 38,0	12745	14,1						
38,0 a 39,0	12746	18,2						
39,0 a 40,0	12747	19,9						
40,0 a 41,0	12748	18,5						
41,0 a 42,0	12749	18,6						
42,0 a 43,0	12750	20,2						
43,0 a 44,0	12751	19,8						
44,0 a 45,0	12752	17,5						

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Cont. Furo: 2148-PM-164-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	12753/75	16,7						
46,0 a 47,30	12754	7,2						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-165-MG

OBSERVAÇÃO: De 90 a 91 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12602/75	21,2						
1,0 a 2,0	12603	19,8						
2,0 a 3,0	12604	16,7						
3,0 a 4,0	12605	15,7						
4,0 a 5,0	12606	18,8						
5,0 a 6,0	12607	21,2						
6,0 a 7,0	12608	17,6						
7,0 a 8,0	12609	15,1						
8,0 a 9,0	12610	17,3						
9,0 a 10,0	12611	18,4						
10,0 a 11,0	12612	17,3						
11,0 a 12,0	12613	14,1						
12,0 a 13,0	12614	18,7						
13,0 a 14,0	12615	17,1						
14,0 a 15,0	12616	14,1						
15,0 a 16,0	12617	16,0						
16,0 a 17,0	12618	17,6						
17,0 a 18,0	12619	16,8						

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Cont. Furo: 2148-PM-165-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12620/75	17,3						
19,0 a 20,0	12621	16,0						
20,0 a 21,0	12622	16,4						
21,0 a 22,0	12623	18,6						
22,0 a 23,0	12624	15,6						
23,0 a 24,0	12625	9,8						
24,0 a 25,0	12626	15,1						
25,0 a 26,0	12627	12,0						
26,0 a 27,0	12628	11,2						
27,0 a 28,0	12629	12,4						
28,0 a 29,0	12630	12,3						
29,0 a 30,0	12631	18,0						
30,0 a 31,0	12632	20,6						
31,0 a 32,0	12633	18,0						
32,0 a 33,0	12634	19,6						
33,0 a 34,0	12635	16,0						
34,0 a 35,0	12636	16,6						
35,0 a 36,0	12637	16,0						
36,0 a 37,0	12638	21,4						
37,0 a 38,0	12639	23,6						
38,0 a 39,0	12640	21,3						
39,0 a 40,0	12641	23,7						
40,0 a 41,0	12642	20,9						
41,0 a 42,0	12643	15,0						
42,0 a 43,0	12644	11,9						
43,0 a 44,0	12645	9,2						
44,0 a 45,0	12646	22,4						
45,0 a 46,0	12647	21,2						

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Cont. Furo: 2148-PM-165-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	12648/75	18,0						
47,0 a 48,0	12649	22,8						
48,0 a 49,0	12650	18,7						
49,0 a 50,0	12651	22,5						
50,0 a 51,0	12652	19,2						
51,0 a 52,0	12653	14,4						
52,0 a 53,0	12654	13,5						
53,0 a 54,0	12655	20,8						
54,0 a 55,0	12656	17,7						
55,0 a 56,0	12657	17,4						
56,0 a 57,0	12658	22,5						
57,0 a 58,0	12659	19,0						
58,0 a 59,0	12660	22,2						
59,0 a 60,0	12661	22,2						
60,0 a 61,0	12662	24,1						
61,0 a 62,0	12663	16,5						
62,0 a 63,0	12664	14,8						
63,0 a 64,0	12665	22,0						
64,0 a 65,0	12666	19,4						
65,0 a 66,0	12667	22,1						
66,0 a 67,0	12668	22,6						
67,0 a 68,0	12669	18,0						
68,0 a 69,0	12670	17,6						
69,0 a 70,0	12671	20,8						
70,0 a 71,0	12672	22,3						
71,0 a 72,0	12673	20,3						
72,0 a 73,0	12674	22,5						
73,0 a 74,0	12675	17,5						

PM

Cont. Furo: 2148-PM-165-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
74,0 a 75,0	12676/75	17,0						
75,0 a 76,0	12677	21,3						
76,0 a 77,0	12678	15,6						
77,0 a 78,0	12679	15,7						
78,0 a 79,0	12680	20,9						
79,0 a 80,0	12681	22,8						
80,0 a 81,0	12682	19,6						
81,0 a 82,0	12683	17,9						
82,0 a 83,0	12684	18,4						
83,0 a 84,0	12685	16,0						
84,0 a 85,0	12686	21,6						
85,0 a 86,0	12687	18,0						
86,0 a 87,0	12688	24,7						
87,0 a 88,0	12689	21,2						
88,0 a 89,0	12690	15,0						
89,0 a 90,0	12691	20,7						
91,0 a 92,0	12692	24,6						
92,0 a 93,0	12693	25,4						
93,0 a 94,0	12694	28,2						
94,0 a 95,0	12695	31,3						
95,0 a 96,0	12696	28,9						
96,0 a 97,0	12697	16,9						
97,0 a 98,0	12698	6,7						
98,0 a 99,15	12699	11,6						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SEBLAC

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-166-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12759/75	1,7						
1,0 a 2,0	12760	1,9						
2,0 a 3,0	12761	1,8						
3,0 a 4,0	12762	1,2						
4,0 a 5,0	12763	0,5						
5,0 a 6,0	12764	< 0,5						
6,0 a 7,0	12765	< 0,5						
7,0 a 8,0	12766	< 0,5						
8,0 a 9,0	12767	< 0,5						
9,0 a 10,0	12768	< 0,5						
10,0 a 11,0	12769	< 0,5						
11,0 a 12,0	12770	< 0,5						
12,0 a 13,0	12771	< 0,5						
13,0 a 14,0	12772	< 0,5						
14,0 a 15,0	12773	< 0,5						
15,0 a 16,0	12774	< 0,5						
16,0 a 17,0	12775	< 0,5						
17,0 a 18,0	12776	< 0,5						

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Cont. Furo: 2148-PM-166-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	12777/75	<0,5						
19,0 a 20,0	12778	<0,5						
20,0 a 21,0	12779	<0,5						
21,0 a 22,0	12780	<0,5						
22,0 a 23,0	12781	<0,5						
23,0 a 24,0	12782	<0,5						
24,0 a 25,0	12783	<0,5						
25,0 a 26,0	12784	<0,5						
26,0 a 27,0	12785	0,5						
27,0 a 28,0	12786	0,5						
28,0 a 29,0	12787	<0,5						
29,0 a 30,0	12788	<0,5						
30,0 a 31,0	12789	<0,5						
31,0 a 32,0	12790	0,5						
32,0 a 33,0	12791	<0,5						
33,0 a 34,0	12792	0,5						
34,0 a 35,0	12793	<0,5						
35,0 a 36,0	12794	<0,5						
36,0 a 37,0	12795	<0,5						
37,0 a 38,0	12796	<0,5						
38,0 a 39,0	12797	0,6						
39,0 a 40,0	12798	0,5						
40,0 a 41,0	12799	0,5						
41,0 a 42,0	12800	0,5						
42,0 a 43,0	12801	0,5						
43,0 a 44,0	12802	0,5						
44,0 a 45,0	12803	0,5						

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Cont. Furo: 2148-PM-166-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	12804/75	0,5						
46,0 a 47,0	12805	0,5						
47,0 a 48,0	12806	0,5						
48,0 a 49,0	12807	0,5						
49,0 a 50,0	12808	0,6						
50,0 a 51,0	12809	0,6						
51,0 a 52,0	12810	0,6						
52,0 a 53,0	12811	0,8						
53,0 a 54,0	12812	0,5						
54,0 a 55,0	12813	<0,5						
55,0 a 56,0	12814	<0,5						
56,0 a 57,0	12815	<0,5						
57,0 a 58,0	12816	4,8						
58,0 a 59,0	12817	2,4						
59,0 a 60,0	12818	3,1						
60,0 a 61,0	12819	1,6						
61,0 a 62,0	12820	0,9						
62,0 a 63,0	12821	3,8						
63,0 a 64,0	12822	1,2						
64,0 a 65,0	12823	1,8						
65,0 a 66,0	12824	4,4						
66,0 a 67,0	12825	2,5						
67,0 a 68,0	12826	2,1						
68,0 a 69,0	12827	4,6						
69,0 a 70,0	12828	2,2						
70,0 a 71,0	12829	0,8						
71,0 a 72,0	12830	0,5						

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Cont. Furo: 2148-PM-166-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	12831/75	0,5						
73,0 a 74,50	12832	0,5						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-167-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12840/75	2,4						
1,0 a 2,0	12841	1,6						
2,0 a 3,0	12842	0,8						
3,0 a 4,0	12843	1,2						
4,0 a 5,0	12844	0,9						
5,0 a 6,0	12845	0,5						
6,0 a 7,0	12846	0,5						
7,0 a 8,0	12847	<0,5						
8,0 a 9,0	12848	<0,5						
9,0 a 10,0	12849	<0,5						
10,0 a 11,0	12850	<0,5						
11,0 a 12,0	12851	<0,5						
12,0 a 13,0	12852	0,5						
13,0 a 14,0	12853	<0,5						
14,0 a 15,0	12854	<0,5						
15,0 a 16,0	12855	<0,5						
16,0 a 17,0	12856	<0,5						
17,0 a 18,0	12857	<0,5						

al

Cont. Furo: 2148-PM-167-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	12858/75	<0,5					
19,0 a 20,0	12859	<0,5					
20,0 a 21,0	12860	<0,5					
21,0 a 22,0	12861	<0,5					
22,0 a 23,0	12862	<0,5					
23,0 a 24,0	12863	<0,5					
24,0 a 25,0	12864	<0,5					
25,0 a 26,0	12865	<0,5					
26,0 a 27,0	12866	<0,5					
27,0 a 28,0	12867	<0,5					
28,0 a 29,0	12868	<0,5					
29,0 a 30,0	12869	<0,5					
30,0 a 31,0	12870	<0,5					
31,0 a 32,0	12871	<0,5					
32,0 a 33,0	12872	<0,5					
33,0 a 34,0	12873	<0,5					
34,0 a 35,0	12874	<0,5					
35,0 a 36,0	12875	<0,5					
36,0 a 37,0	12876	0,5					
37,0 a 38,0	12877	<0,5					
38,0 a 39,0	12878	<0,5					
39,0 a 40,0	12879	<0,5					
40,0 a 41,0	12880	<0,5					
41,0 a 42,0	12881	<0,5					
42,0 a 43,0	12882	<0,5					
43,0 a 44,0	12883	<0,5					
44,0 a 45,0	12884	<0,5					

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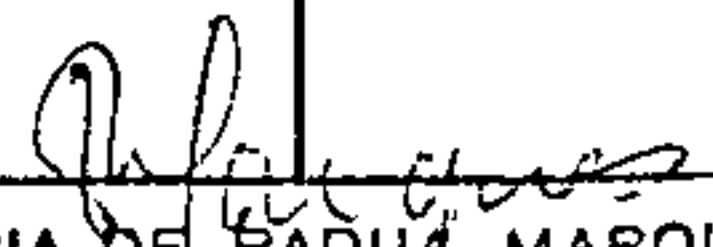
Cont. Furo: 2148-PM-167-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	12885/75	<0,5						
46,0 a 47,0	12886	<0,5						
47,0 a 48,0	12887	<0,5						
48,0 a 49,0	12888	<0,5						
49,0 a 50,0	12889	<0,5						
50,0 a 51,0	12890	<0,5						
51,0 a 52,0	12891	<0,5						
52,0 a 53,0	12892	0,5						
53,0 a 54,0	12893	0,9						
54,0 a 55,0	12894	0,5						
55,0 a 56,0	12895	0,6						
56,0 a 57,0	12896	0,7						
57,0 a 58,0	12897	0,7						
58,0 a 59,0	12898	1,0						
59,0 a 60,0	12899	1,3						
60,0 a 61,0	12900	3,3						
61,0 a 62,0	12901	1,7						
62,0 a 63,0	12902	2,2						
63,0 a 64,0	12903	2,8						
64,0 a 65,0	12904	2,1						
65,0 a 66,0	12905	6,1						
66,0 a 67,0	12906	6,8						
67,0 a 68,0	12907	6,5						
68,0 a 69,0	12908	7,9						
69,0 a 70,0	12909	9,7						
70,0 a 71,0	12910	16,3						
71,0 a 72,0	12911	19,5						

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Cont. Furo: 2148-PM-167-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	12912/75	7,9						
73,0 a 74,0	12913	10,9						
74,0 a 75,0	12914	5,4						
75,0 a 76,0	12915	5,1						
76,0 a 77,0	12916	17,6						
77,0 a 78,0	12917	25,2						
78,0 a 79,0	12918	24,6						
79,0 a 80,0	12919	25,2						
80,0 a 81,0	12920	20,3						
81,0 a 82,0	12921	30,3						
82,0 a 83,0	12922	30,3						
83,0 a 84,0	12923	30,4						
84,0 a 85,0	12924	25,1						
85,0 a 86,0	12925	24,0						
86,0 a 87,0	12926	22,8						
87,0 a 88,0	12927	24,0						
88,0 a 89,0	12928	26,6						
89,0 a 90,0	12929	32,0						
90,0 a 91,0	12930	29,0						
91,0 a 92,0	12931	31,4						
92,0 a 93,0	12932	25,5						
93,0 a 94,0	12933	24,4						
94,0 a 94,80	12934	9,9						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

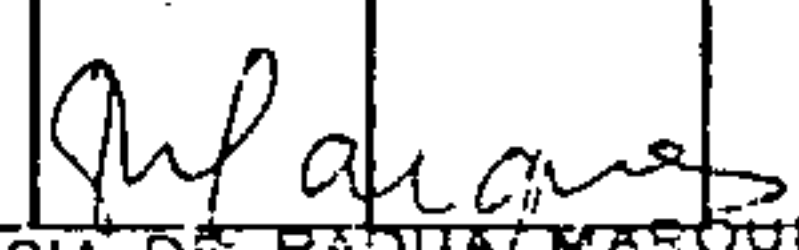
LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-168-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL.- CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12998/75	10,0						
1,0 a 2,0	12999	9,8						
2,0 a 3,0	13000	7,4						
3,0 a 4,0	13001	4,7						
4,0 a 5,0	13002	4,0						
5,0 a 6,0	13003	4,8						
6,0 a 7,0	13004	4,0						
7,0 a 8,0	13005	2,5						
8,0 a 9,0	13006	2,2						
9,0 a 10,6	13007	2,7						


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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-169-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12942/75	1,3						
1,0 a 2,0	12943	1,1						
2,0 a 3,0	12944	0,9						
3,0 a 4,0	12945	0,9						
4,0 a 5,0	12946	1,0						
5,0 a 6,0	12947	0,7						
6,0 a 7,0	12948	0,9						
7,0 a 8,0	12949	0,7						
8,0 a 9,0	12950	0,7						
9,0 a 10,0	12951	1,0						
10,0 a 11,0	12952	0,7						
11,0 a 12,0	12953	0,9						
12,0 a 13,0	12954	1,1						
13,0 a 14,0	12955	0,7						
14,0 a 15,0	12956	0,9						
15,0 a 16,0	12957	4,0						
16,0 a 17,0	12958	2,5						
17,0 a 18,0	12959	3,8						

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Cont. Furo: 2148-PM-169-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	12960/75	3,8					
19,0 a 20,0	12961	3,0					
20,0 a 21,0	12962	6,3					
21,0 a 22,0	12963	7,6					
22,0 a 23,0	12964	8,4					
23,0 a 24,0	12965	6,0					
24,0 a 25,0	12966	12,0					
25,0 a 26,0	12967	18,8					
26,0 a 27,0	12968	18,0					
27,0 a 28,0	12969	16,2					
28,0 a 29,0	12970	15,9					
29,0 a 30,0	12971	16,0					
30,0 a 31,0	12972	15,5					
31,0 a 32,0	12973	18,2					
32,0 a 33,0	12974	16,7					
33,0 a 34,0	12975	17,0					
34,0 a 35,0	12976	17,6					
35,0 a 36,0	12977	18,1					
36,0 a 37,0	12978	19,2					
37,0 a 38,0	12979	17,3					
38,0 a 39,0	12980	14,6					
39,0 a 40,0	12981	14,1					
40,0 a 41,0	12982	15,0					
41,0 a 42,0	12983	0,9					
42,0 a 43,0	12984	15,1					
43,0 a 44,0	12985	12,8					
44,0 a 45,0	12986	17,7					

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Cont. Furo: 2148-PM-169-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	12987/75	16,6						
46,0 a 47,0	12988	12,2						
47,0 a 48,0	12989	11,4						
48,0 a 49,0	12990	10,8						
49,0 a 50,0	12991	10,7						
50,0 a 51,0	12992	8,4						
51,0 a 52,70	12993	2,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-170-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13318/75	3,0						
1,0 a 2,0	13319	4,8						
2,0 a 3,0	13320	5,1						
3,0 a 4,0	13321	12,8						
4,0 a 5,0	13322	10,5						
5,0 a 6,0	13323	8,7						
6,0 a 7,0	13324	7,0						
7,0 a 8,0	13325	4,9						
8,0 a 9,0	13326	3,6						
9,0 a 10,0	13327	2,0						
10,0 a 11,0	13328	1,3						
11,0 a 12,0	13329	0,7						
12,0 a 13,0	13330	5,4						
13,0 a 14,0	13331	1,4						
14,0 a 15,0	13332	1,3						
15,0 a 16,0	13333	0,6						
16,0 a 17,0	13334	1,0						
17,0 a 18,0	13335	0,9						

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Cont. Furo: 2148-PM-170-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13336/75	0,9						
19,0 a 20,0	13337	0,7						
20,0 a 21,0	13338	0,7						
21,0 a 22,0	13339	0,6						
22,0 a 23,0	13340	0,5						
23,0 a 24,0	13341	0,9						
24,0 a 25,0	13342	0,6						
25,0 a 26,0	13343	0,5						
26,0 a 27,0	13344	0,5						
27,0 a 28,0	13345	0,6						
28,0 a 29,0	13346	0,5						
29,0 a 30,0	13347	<0,5						
30,0 a 31,0	13348	0,5						
31,0 a 32,0	13349	0,5						
32,0 a 33,0	13350	0,5						
33,0 a 34,0	13351	<0,5						
34,0 a 35,0	13352	<0,5						
35,0 a 36,0	13353	<0,5						
36,0 a 37,0	13354	<0,5						
37,0 a 38,0	13355	<0,5						
38,0 a 39,0	13356	<0,5						
39,0 a 40,0	13357	<0,5						
40,0 a 41,0	13358	<0,5						
41,0 a 42,0	13359	<0,5						
42,0 a 43,0	13360	<0,5						
43,0 a 44,0	13361	<0,5						
44,0 a 45,0	13362	<0,5						

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Cont. Furo: 2148-PM-170-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13363/75	<0,5						
46,0 a 47,0	13364	<0,5						
47,0 a 48,0	13365	<0,5						
48,0 a 49,0	13366	<0,5						
49,0 a 50,0	13367	<0,5						
50,0 a 51,0	13368	<0,5						
51,0 a 52,0	13369	<0,5						
52,0 a 53,0	13370	<0,5						
53,0 a 54,0	13371	<0,5						
54,0 a 55,0	13372	<0,5						
55,0 a 56,0	13373	<0,5						
56,0 a 57,0	13374	<0,5						
57,0 a 58,0	13375	<0,5						
58,0 a 59,4	13376	<0,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-171-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13008/75	<0,5						
1,0 a 2,0	13009	<0,5						
2,0 a 3,0	13010	<0,5						
3,0 a 4,0	13011	<0,5						
4,0 a 5,0	13012	<0,5						
5,0 a 6,0	13013	<0,5						
6,0 a 7,0	13014	<0,5						
7,0 a 8,0	13015	<0,5						
8,0 a 9,0	13016	<0,5						
9,0 a 10,0	13017	<0,5						
10,0 a 11,0	13018	<0,5						
11,0 a 12,0	13019	<0,5						
12,0 a 13,0	13020	<0,5						
13,0 a 14,0	13021	<0,5						
14,0 a 15,0	13022	<0,5						
15,0 a 16,0	13023	<0,5						
16,0 a 17,0	13024	<0,5						
17,0 a 18,0	13025	<0,5						

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Cont. Furo: 2148-PM-171-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13026/75	<0,5						
19,0 a 20,0	13027	<0,5						
20,0 a 21,0	13028	<0,5						
21,0 a 22,0	13029	<0,5						
22,0 a 23,0	13030	<0,5						
23,0 a 24,0	13031	<0,5						
24,0 a 25,0	13032	<0,5						
25,0 a 26,0	13033	<0,5						
26,0 a 27,0	13034	0,6						
27,0 a 28,0	13035	1,5						
28,0 a 29,0	13036	0,7						
29,0 a 30,0	13037	0,8						
30,0 a 31,0	13038	0,8						
31,0 a 32,0	13039	0,8						
32,0 a 33,0	13040	1,3						
33,0 a 34,0	13041	1,0						
34,0 a 35,0	13042	1,9						
35,0 a 36,0	13043	0,9						
36,0 a 37,0	13044	1,8						
37,0 a 38,0	13045	3,2						
38,0 a 39,0	13046	26,7						
39,0 a 40,0	13047	0,6						
40,0 a 41,0	13048	<0,5						
41,0 a 42,60	13049	<0,5						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-172-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13160/75	21,3						
1,0 a 2,0	13161	19,7						
2,0 a 3,0	13162	23,5						
3,0 a 4,0	13163	17,7						
4,0 a 5,0	13164	17,3						
5,0 a 6,0	13165	16,0						
6,0 a 7,0	13166	10,0						
7,0 a 8,0	13167	17,3						
8,0 a 9,0	13168	17,7						
9,0 a 10,0	13169	15,9						
10,0 a 11,0	13170	15,1						
11,0 a 12,0	13171	19,0						
12,0 a 13,0	13172	21,5						
13,0 a 14,0	13173	13,5						
14,0 a 15,0	13174	13,5						
15,0 a 16,0	13175	12,3						
16,0 a 17,0	13176	14,1						
17,0 a 18,0	13177	20,0						

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Cont. Furo: 2148-PM-172-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13178/75	31,4						
19,0 a 20,0	13179	30,6						
20,0 a 21,0	13180	18,8						
21,0 a 22,0	13181	19,3						
22,0 a 23,0	13182	17,8						
23,0 a 24,0	13183	21,2						
24,0 a 25,0	13184	23,1						
25,0 a 26,0	13185	23,1						
26,0 a 27,0	13186	21,7						
27,0 a 28,0	13187	19,1						
28,0 a 29,0	13188	15,9						
29,0 a 30,0	13189	8,2						
30,0 a 31,0	13190	13,6						
31,0 a 32,0	13191	12,6						
32,0 a 33,0	13192	13,7						
33,0 a 34,0	13193	12,3						
34,0 a 35,0	13194	13,9						
35,0 a 37,0	13195	13,8						
36,0 a 37,0	13196	10,9						
37,0 a 38,0	13197	12,9						
38,0 a 39,0	13198	13,9						
39,0 a 40,0	13199	16,2						
40,0 a 41,0	13200	17,2						
41,0 a 42,0	13201	14,5						
42,0 a 43,0	13202	19,0						
43,0 a 44,0	13203	23,9						
44,0 a 45,0	13204	19,9						
45,0 a 46,0	13205	19,9						

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Cont. Furo: 2148-PM-172-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	13206/75	20,6						
47,0 a 48,0	13207	15,6						
48,0 a 49,0	13208	19,6						
49,0 a 50,0	13209	17,5						
50,0 a 51,0	13210	15,7						
51,0 a 52,0	13211	22,6						
52,0 a 53,0	13212	19,8						
53,0 a 54,0	13213	21,6						
54,0 a 55,0	13214	21,8						
55,0 a 56,0	13215	15,9						
56,0 a 57,0	13216	14,8						
57,0 a 58,0	13217	15,5						
58,0 a 59,0	13218	14,4						
59,0 a 60,0	13219	22,0						
60,0 a 61,0	13220	18,6						
61,0 a 62,0	13221	13,8						
62,0 a 63,0	13222	15,5						
63,0 a 64,0	13223	16,8						
64,0 a 65,0	13224	15,2						
65,0 a 66,0	13225	14,5						
66,0 a 67,30	13226	9,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-173-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13233/75	1,3						
1,0 a 2,0	13234	1,1						
2,0 a 3,0	13235	1,8						
3,0 a 4,0	13236	1,8						
4,0 a 5,0	13237	4,0						
5,0 a 6,0	13238	3,0						
6,0 a 7,0	13239	2,2						
7,0 a 8,0	13240	4,5						
8,0 a 9,0	13241	2,2						
9,0 a 10,0	13242	2,0						
10,0 a 11,0	13243	1,3						
11,0 a 12,0	13244	1,4						
12,0 a 13,0	13245	1,7						
13,0 a 14,0	13246	3,0						
14,0 a 15,0	13247	2,3						
15,0 a 16,0	13248	2,0						
16,0 a 17,0	13249	2,0						
17,0 a 18,0	13250	1,7						

924

Cont. Furo: 2148-PM-173-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13251/75	1,4						
19,0 a 20,0	13252	1,3						
20,0 a 21,0	13253	2,0						
21,0 a 22,0	13254	9,8						
22,0 a 23,0	13255	10,8						
23,0 a 24,0	13256	10,2						
24,0 a 25,0	13257	15,8						
25,0 a 26,0	13258	14,0						
26,0 a 27,0	13259	10,2						
27,0 a 28,0	13260	9,3						
28,0 a 29,0	13261	11,7						
29,0 a 30,0	13262	14,1						
30,0 a 31,0	13263	15,7						
31,0 a 32,0	13264	14,6						
32,0 a 33,0	13265	13,6						
33,0 a 34,0	13266	15,0						
34,0 a 35,0	13267	16,3						
35,0 a 36,0	13268	14,1						
36,0 a 37,0	13269	14,9						
37,0 a 38,0	13270	15,8						
38,0 a 39,0	13271	14,8						
39,0 a 40,0	13272	18,8						
40,0 a 41,0	13273	17,2						
41,0 a 42,0	13274	21,4						
42,0 a 43,0	13275	12,7						
43,0 a 44,0	13276	19,6						
44,0 a 45,0	13277	13,1						

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Cont. Furo: 2148-PM-173-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13278/75	15,9						
46,0 a 47,0	13279	17,4						
47,0 a 48,0	13280	17,7						
48,0 a 49,0	13281	19,0						
49,0 a 50,0	13282	15,3						
50,0 a 51,0	13283	19,1						
51,0 a 52,0	13284	23,2						
52,0 a 53,0	13285	19,7						
53,0 a 54,0	13286	17,5						
54,0 a 55,0	13287	22,1						
55,0 a 56,0	13288	20,7						
56,0 a 57,0	13289	16,1						
57,0 a 58,0	13290	14,6						
58,0 a 59,0	13291	17,9						
59,0 a 60,0	13292	18,5						
60,0 a 61,0	13293	18,4						
61,0 a 62,0	13294	23,5						
62,0 a 63,0	13295	14,4						
63,0 a 64,0	13296	17,6						
64,0 a 65,0	13297	16,0						
65,0 a 66,0	13298	19,5						
66,0 a 67,0	13299	23,1						
67,0 a 68,0	13300	11,5						
68,0 a 69,0	13301	29,2						
69,0 a 70,0	13302	28,1						
70,0 a 71,0	13303	21,5						
71,0 a 72,0	13304	18,5						

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Cont. Furo: 2148-PM-173-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	13305/75	16,5						
73,0 a 74,0	13306	11,6						
74,0 a 75,0	13307	13,2						
75,0 a 76,0	13308	13,6						
76,0 a 77,0	13309	13,3						
77,0 a 77,9	13310	11,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148- PM-174-MG

OBSERVAÇÃO: De 55 a 56 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13381/75	5,3						
1,0 a 2,0	13382	2,5						
2,0 a 3,0	13383	1,9						
3,0 a 4,0	13384	1,8						
4,0 a 5,0	13385	1,9						
5,0 a 6,0	13386	1,7						
6,0 a 7,0	13387	2,3						
7,0 a 8,0	13388	1,9						
8,0 a 9,0	13389	1,4						
9,0 a 10,0	13390	1,1						
10,0 a 11,0	13391	1,0						
11,0 a 12,0	13392	1,0						
12,0 a 13,0	13393	0,9						
13,0 a 14,0	13394	1,0						
14,0 a 15,0	13395	1,0						
15,0 a 16,0	13396	0,9						
16,0 a 17,0	13397	0,7						
17,0 a 18,0	13398	0,7						

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Cont. Furo: 2148-PM-174-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	13399/75	0,9					
19,0 a 20,0	13400	0,9					
20,0 a 21,0	13401	1,0					
21,0 a 22,0	13402	0,9					
22,0 a 23,0	13403	0,9					
23,0 a 24,0	13404	0,7					
24,0 a 25,0	13405	0,9					
25,0 a 26,0	13406	0,9					
26,0 a 27,0	13407	0,9					
27,0 a 28,0	13408	0,9					
28,0 a 29,0	13409	0,9					
29,0 a 30,0	13410	1,0					
30,0 a 31,0	13411	1,0					
31,0 a 32,0	13412	1,0					
32,0 a 33,0	13413	0,9					
33,0 a 34,0	13414	1,0					
34,0 a 35,0	13415	1,0					
35,0 a 36,0	13416	2,0					
36,0 a 37,0	13417	2,5					
37,0 a 38,0	13418	1,5					
38,0 a 39,0	13419	2,1					
39,0 a 40,0	13420	1,7					
40,0 a 41,0	13421	3,5					
41,0 a 42,0	13422	3,5					
42,0 a 43,0	13423	4,0					
43,0 a 44,0	13424	3,5					
44,0 a 45,0	13425	5,0					

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Cont. Furo: 2148-PM-174-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13426/75	2,5						
46,0 a 47,0	13427	2,5						
47,0 a 48,0	13428	3,3						
48,0 a 49,0	13429	2,3						
49,0 a 50,0	13430	2,5						
50,0 a 51,0	13431	4,2						
51,0 a 52,0	13432	3,5						
52,0 a 53,0	13433	1,4						
53,0 a 54,0	13434	3,2						
54,0 a 55,0	13435	3,0						
56,0 a 57,0	13436	2,8						
57,0 a 58,40	13437	1,4						


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 Química - CRQ 832 -
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-175-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13143/75	1,0						
1,0 a 2,0	13144	0,6						
2,0 a 3,0	13145	<0,5						
3,0 a 4,0	13146	<0,5						
4,0 a 5,0	13147	0,5						
5,0 a 6,0	13148	2,6						
6,0 a 7,0	13149	6,6						
7,0 a 8,0	13150	1,8						
8,0 a 9,0	13151	2,0						
9,0 a 10,0	13152	2,0						
10,0 a 11,0	13153	1,8						
11,0 a 12,0	13154	1,6						
12,0 a 13,0	13155	2,0						
13,0 a 14,0	13156	3,2						
14,0 a 15,0	13157	3,8						
15,0 a 16,20	13158	1,1						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-176-MG

OBSERVAÇÃO: De 64 a 68 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13057/75	12,2						
1,0 a 2,0	13058	18,4						
2,0 a 3,0	13059	22,5						
3,0 a 4,0	13060	20,3						
4,0 a 5,0	13061	19,1						
5,0 a 6,0	13062	19,3						
6,0 a 7,0	13063	21,1						
7,0 a 8,0	13064	18,5						
8,0 a 9,0	13065	15,3						
9,0 a 10,0	13066	19,4						
10,0 a 11,0	13067	24,3						
11,0 a 12,0	13068	22,3						
12,0 a 13,0	13069	24,0						
13,0 a 14,0	13070	22,4						
14,0 a 15,0	13071	22,3						
15,0 a 16,0	13072	23,5						
16,0 a 17,0	13073	18,3						
17,0 a 18,0	13074	23,0						

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Cont. Furo: 2148-PM-176-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
18,0 a 19,0	13075/75	22,7						
19,0 a 20,0	13076	18,4						
20,0 a 21,0	13077	16,0						
21,0 a 22,0	13078	15,6						
22,0 a 23,0	13079	17,3						
23,0 a 24,0	13080	11,9						
24,0 a 25,0	13081	19,3						
25,0 a 26,0	13082	21,6						
26,0 a 27,0	13083	23,2						
27,0 a 28,0	13084	17,9						
28,0 a 29,0	13085	16,0						
29,0 a 30,0	13086	17,4						
30,0 a 31,0	13087	17,1						
31,0 a 32,0	13088	15,1						
32,0 a 33,0	13089	13,2						
33,0 a 34,0	13090	15,3						
34,0 a 35,0	13091	13,8						
35,0 a 36,0	13092	16,0						
36,0 a 37,0	13093	14,4						
37,0 a 38,0	13094	14,4						
38,0 a 39,0	13095	17,7						
39,0 a 40,0	13096	16,2						
40,0 a 41,0	13097	16,2						
41,0 a 42,0	13098	15,0						
42,0 a 43,0	13099	18,7						
43,0 a 44,0	13100	21,0						
44,0 a 45,0	13101	18,3						

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Cont. Furo: 2148-PM-176-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13102/75	16,8						
46,0 a 47,0	13103	14,7						
47,0 a 48,0	13104	18,3						
48,0 a 49,0	13105	19,7						
49,0 a 50,0	13106	17,6						
50,0 a 51,0	13107	20,1						
51,0 a 52,0	13108	21,5						
52,0 a 53,0	13109	18,5						
53,0 a 54,0	13110	21,5						
54,0 a 55,0	13111	14,2						
55,0 a 56,0	13112	15,6						
56,0 a 57,0	13113	17,1						
57,0 a 58,0	13114	16,3						
58,0 a 59,0	13115	15,4						
59,0 a 60,0	13116	17,1						
60,0 a 61,0	13117	16,5						
61,0 a 62,0	13118	15,5						
62,0 a 63,0	13119	19,8						
63,0 a 64,0	13120	19,9						
68,0 a 69,0	13121	17,9						
69,0 a 70,0	13122	19,0						
70,0 a 71,0	13123	19,9						
71,0 a 72,0	13124	18,1						
72,0 a 73,0	13125	15,7						
73,0 a 74,0	13126	17,6						
74,0 a 75,0	13127	16,9						
75,0 a 76,0	13128	12,9						

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Cont. Furo: 2148-PM-176-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
76,0 a 77,0	13129/75	20,0						
77,0 a 78,0	13130	19,3						
78,0 a 79,0	13131	17,7						
79,0 a 80,0	13132	12,6						
80,0 a 81,0	13133	12,2						
81,0 a 82,0	13134	8,4						
82,0 a 83,10	13135	7,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-177-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13443/75	0,5						
1,0 a 2,0	13444	0,5						
2,0 a 3,0	13445	1,0						
3,0 a 4,0	13446	0,7						
4,0 a 5,0	13447	0,5						
5,0 a 6,0	13448	<0,5						
6,0 a 7,0	13449	0,5						
7,0 a 8,0	13450	<0,5						
8,0 a 9,0	13451	<0,5						
9,0 a 10,0	13452	<0,5						
10,0 a 11,0	13453	<0,5						
11,0 a 12,0	13454	<0,5						
12,0 a 13,0	13455	<0,5						
13,0 a 14,0	13456	<0,5						
14,0 a 15,0	13457	<0,5						
15,0 a 16,0	13458	<0,5						
16,0 a 17,0	13459	<0,5						
17,0 a 18,0	13460	<0,5						

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Cont. Furo: 2148-PM-177-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13461/75	<0,5						
19,0 a 20,0	13462	<0,5						
20,0 a 21,0	13463	<0,5						
21,0 a 22,0	13464	<0,5						
22,0 a 23,0	13465	<0,5						
23,0 a 24,0	13466	<0,5						
24,0 a 25,0	13467	<0,5						
25,0 a 26,0	13468	<0,5						
26,0 a 27,0	13469	<0,5						
27,0 a 28,0	13470	<0,5						
28,0 a 29,0	13471	<0,5						
29,0 a 30,0	13472	<0,5						
30,0 a 31,0	13473	<0,5						
31,0 a 32,0	13474	<0,5						
32,0 a 33,0	13475	<0,5						
33,0 a 34,0	13476	<0,5						
34,0 a 35,0	13477	<0,5						
35,0 a 36,0	13478	<0,5						
36,0 a 37,0	13479	<0,5						
37,0 a 38,0	13480	<0,5						
38,0 a 39,0	13481	<0,5						
39,0 a 40,0	13482	<0,5						
40,0 a 41,0	13483	<0,5						
41,0 a 42,0	13484	<0,5						
42,0 a 43,0	13485	<0,5						
43,0 a 44,0	13486	<0,5						
44,0 a 45,0	13487	<0,5						
45,0 a 46,0	13488	<0,5						

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Cont. Furo: 2148-PM-177-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	13489/75	<0,5						
47,0 a 48,0	13490	<0,5						
48,0 a 49,0	13491	<0,5						
49,0 a 50,0	13492	<0,5						
50,0 a 51,0	13493	<0,5						
51,0 a 52,0	13494	<0,5						
52,0 a 53,0	13495	<0,5						
53,0 a 54,0	13496	<0,5						
54,0 a 55,0	13497	<0,5						
55,0 a 56,0	13498	<0,5						
56,0 a 57,0	13499	<0,5						
57,0 a 58,0	13500	<0,5						
58,0 a 59,0	13501	<0,5						
59,0 a 60,0	13502	<0,5						
60,0 a 61,0	13503	<0,5						
61,0 a 62,0	13504	<0,5						
62,0 a 63,0	13505	<0,5						
63,0 a 64,0	13506	<0,5						
64,0 a 65,0	13507	<0,5						
65,0 a 66,0	13508	<0,5						
66,0 a 67,0	13509	<0,5						
67,0 a 68,0	13510	<0,5						
68,0 a 69,40	13511	<0,5						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-178-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13776/75	0,6						
1,0 a 2,0	13777	3,5						
2,0 a 3,0	13778	2,0						
3,0 a 4,0	13779	1,1						
4,0 a 5,0	13780	0,9						
5,0 a 6,0	13781	2,1						
6,0 a 7,0	13782	0,7						
7,0 a 8,0	13783	0,5						
8,0 a 9,0	13784	0,5						
9,0 a 10,0	13785	0,5						
10,0 a 11,0	13786	0,5						
11,0 a 12,0	13787	0,5						
12,0 a 13,0	13788	0,5						
13,0 a 14,0	13789	0,5						
14,0 a 15,0	13790	0,6						
15,0 a 16,0	13791	1,4						
16,0 a 17,0	13792	1,0						
17,0 a 18,0	13793	1,7						

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Cont. Furo: 2148-PM-178-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13794/75	2,8						
19,0 a 20,0	13795	2,8						
20,0 a 21,0	13796	1,8/						
21,0 a 22,0	13797	1,6						
22,0 a 23,0	13798	1,0						
23,0 a 24,0	13799	0,7						
24,0 a 25,0	13800	1,0						
25,0 a 26,0	13801	1,0						
26,0 a 27,0	13802	0,9						
27,0 a 28,0	13803	0,7						
28,0 a 29,0	13804	0,9						
29,0 a 30,0	13805	0,7						
30,0 a 31,0	13806	0,6						
31,0 a 32,0	13807	0,5						
32,0 a 33,0	13808	0,7						
33,0 a 34,0	13809	0,6						
34,0 a 35,0	13810	0,6						
35,0 a 36,0	13811	0,6						
36,0 a 37,0	13812	1,0						
37,0 a 38,0	13813	0,5						
38,0 a 39,0	13814	0,7						
39,0 a 40,0	13815	0,6						
40,0 a 41,0	13816	0,5						
41,0 a 42,0	13817	0,7						
42,0 a 43,0	13818	0,5						
43,0 a 44,0	13819	0,5						
44,0 a 45,0	13820	0,5						

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Cont. Furo: 2148-PM-178-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13821/75	0,5						
46,0 a 47,0	13822	<0,5						
47,0 a 48,0	13823	0,5						
48,0 a 49,0	13824	0,5						
49,0 a 50,0	13825	<0,5						
50,0 a 51,0	13826	<0,5						
51,0 a 52,0	13827	<0,5						
52,0 a 53,0	13828	<0,5						
53,0 a 54,0	13829	<0,5						
54,0 a 55,0	13830	<0,5						
55,0 a 56,20	13831	<0,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-179-MG

OBSERVAÇÃO: De 98 a 99 e 102 a 105m, sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13640/75	22,8						
1,0 a 2,0	13641	22,7						
2,0 a 3,0	13642	25,9						
3,0 a 4,0	13643	23,4						
4,0 a 5,0	13644	23,1						
5,0 a 6,0	13645	20,5						
6,0 a 7,0	13646	26,0						
7,0 a 8,0	13647	18,5						
8,0 a 9,0	13648	16,0						
9,0 a 10,0	13649	10,6						
10,0 a 11,0	13650	9,7						
11,0 a 12,0	13651	13,1						
12,0 a 13,0	13652	20,4						
13,0 a 14,0	13653	15,9						
14,0 a 15,0	13654	21,4						
15,0 a 16,0	13655	21,5						
16,0 a 17,0	13656	22,6						
17,0 a 18,0	13657	27,2						

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Cont. Furo: 2148-PM-179-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13658/75	24,8						
19,0 a 20,0	13659	25,8						
20,0 a 21,0	13660	19,9						
21,0 a 22,0	13661	14,4						
22,0 a 23,0	13662	24,8						
23,0 a 24,0	13663	24,9						
24,0 a 25,0	13664	23,0						
25,0 a 26,0	13665	22,3						
26,0 a 27,0	13666	17,7						
27,0 a 28,0	13667	16,0						
28,0 a 29,0	13668	20,1						
29,0 a 30,0	13669	23,5						
30,0 a 31,0	13670	20,5						
31,0 a 32,0	13671	18,6						
32,0 a 33,0	13672	24,9						
33,0 a 34,0	13673	22,4						
34,0 a 35,0	13674	19,8						
35,0 a 36,0	13675	20,8						
36,0 a 37,0	13676	20,9						
37,0 a 38,0	13677	14,5						
38,0 a 39,0	13678	15,9						
39,0 a 40,0	13679	17,7						
40,0 a 41,0	13680	11,3						
41,0 a 42,0	13681	15,5						
42,0 a 43,0	13682	12,9						
43,0 a 44,0	13683	17,3						
44,0 a 45,0	13684	18,8						

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Cont. Furo: 2148-PM-179-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13685/75	19,0						
46,0 a 47,0	13686	17,8						
47,0 a 48,0	13687	17,8						
48,0 a 49,0	13688	16,2						
49,0 a 50,0	13689	19,6						
50,0 a 51,0	13690	19,1						
51,0 a 52,0	13691	17,4						
52,0 a 53,0	13692	16,9						
53,0 a 54,0	13693	13,8						
54,0 a 55,0	13694	18,5						
55,0 a 56,0	13695	17,1						
56,0 a 57,0	13696	19,1						
57,0 a 58,0	13697	19,4						
58,0 a 59,0	13698	19,1						
59,0 a 60,0	13699	19,5						
60,0 a 61,0	13700	19,4						
61,0 a 62,0	13701	18,5						
62,0 a 63,0	13702	20,2						
63,0 a 64,0	13703	19,6						
64,0 a 65,0	13704	19,5						
65,0 a 66,0	13705	18,8						
66,0 a 67,0	13706	22,3						
67,0 a 68,0	13707	24,0						
68,0 a 69,0	13708	23,3						
69,0 a 70,0	13709	24,2						
70,0 a 71,0	13710	27,9						
71,0 a 72,0	13711	22,6						




Cont. Furo: 2148-PM-179-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	13712/75	20,4						
73,0 a 74,0	13713	20,2						
74,0 a 75,0	13714	24,2						
75,0 a 76,0	13715	20,2						
76,0 a 77,0	13716	21,1						
77,0 a 78,0	13717	24,7						
78,0 a 79,0	13718	23,6						
79,0 a 80,0	13719	22,6						
80,0 a 81,0	13720	19,1						
81,0 a 82,0	13721	20,9						
82,0 a 83,0	13722	21,4						
83,0 a 84,0	13723	19,9						
84,0 a 85,0	13724	21,5						
85,0 a 86,0	13725	20,0						
86,0 a 87,0	13726	16,7						
87,0 a 88,0	13727	21,3						
88,0 a 89,0	13728	16,6						
89,0 a 90,0	13729	19,4						
90,0 a 91,0	13730	20,2						
91,0 a 92,0	13731	19,8						
92,0 a 93,0	13732	19,3						
93,0 a 94,0	13733	18,5						
94,0 a 95,0	13734	17,6						
95,0 a 96,0	13735	15,1						
96,0 a 97,0	13736	5,7						
97,0 a 98,0	13737	5,2						
99,0 a 100,0	13738	9,8						



Cont. Furo: 2148-PM-179-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
100,0 a 101,0	13739/75	10,9						
101,0 a 102,0	13740	16,5						
105,0 a 106,0	13741	21,1						
106,0 a 107,0	13742	20,9						
107,0 a 108,0	13743	19,0						
108,0 a 109,0	13744	19,0						
109,0 a 110,0	13745	18,8						
110,0 a 111,0	13746	21,8						
111,0 a 112,0	13747	22,5						
112,0 a 113,0	13748	20,0						
113,0 a 114,0	13749	16,9						
114,0 a 115,0	13750	15,0						
115,0 a 116,0	13751	20,5						
116,0 a 117,0	13752	27,0						
117,0 a 118,0	13753	26,4						
118,0 a 119,0	13754	25,1						
119,0 a 120,0	13755	25,6						
120,0 a 121,0	13756	21,4						
121,0 a 122,0	13757	18,9						
122,0 a 123,0	13758	30,1						
123,0 a 124,0	13759	29,1						
124,0 a 125,0	13760	29,0						
125,0 a 126,0	13761	28,5						
126,0 a 127,0	13762	26,6						
127,0 a 128,0	13763	27,6						
128,0 a 129,0	13764	20,4						
129,0 a 130,35	13765	13,7						


 PATRÍCIA DE PADUA MARQUES
 Química - CPQ 532 - S
 Responsável pelo Setor de
 Minérios da SECLAB
 NE 7530.0210.0343



COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO FATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FUO DE SONDA: 2148-PM-180-MG

OBSERVAÇÃO: 61 a 62 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13837/75	1,3						
1,0 a 2,0	13838	0,6						
2,0 a 3,0	13839	1,6						
3,0 a 4,0	13840	1,0						
4,0 a 5,0	13841	0,9						
5,0 a 6,0	13842	1,4						
6,0 a 7,0	13843	1,4						
7,0 a 8,0	13844	1,5						
8,0 a 9,0	13845	1,0						
9,0 a 10,0	13846	1,1						
10,0 a 11,0	13847	1,0						
11,0 a 12,0	13848	1,5						
12,0 a 13,0	13849	1,3						
13,0 a 14,0	13850	1,1						
14,0 a 15,0	13851	1,6						
15,0 a 16,0	13852	2,0						
16,0 a 17,0	13853	1,7						
17,0 a 18,0	13854	1,1						

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Cont. Furo: 2148-PM-180-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13855/75	1,0						
19,0 a 20,0	13856	1,3						
20,0 a 21,0	13857	1,1						
21,0 a 22,0	13858	1,1						
22,0 a 23,0	13859	2,3						
23,0 a 24,0	13860	1,8						
24,0 a 25,0	13861	1,3						
25,0 a 26,0	13862	1,6						
26,0 a 27,0	13863	2,7						
27,0 a 28,0	13864	2,8						
28,0 a 29,0	13865	3,7						
29,0 a 30,0	13866	2,7						
30,0 a 31,0	13867	1,6						
31,0 a 32,0	13868	1,5						
32,0 a 33,0	13869	2,1						
33,0 a 34,0	13870	2,3						
34,0 a 35,0	13871	2,3						
35,0 a 36,0	13872	2,5						
36,0 a 37,0	13873	2,0						
37,0 a 38,0	13874	2,0						
38,0 a 39,0	13875	1,8						
39,0 a 40,0	13876	2,5						
40,0 a 41,0	13877	3,0						
41,0 a 42,0	13878	1,7						
42,0 a 43,0	13879	3,0						
43,0 a 44,0	13880	14,1						
44,0 a 45,0	13881	13,5						
45,0 a 46,0	13882	11,7						

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Cont. Furo: 2148-PM-180-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	13883/75	11,2						
47,0 a 48,0	13884	14,8						
48,0 a 49,0	13885	15,6						
49,0 a 50,0	13886	11,1						
50,0 a 51,0	13887	11,8						
51,0 a 52,0	13888	13,0						
52,0 a 53,0	13889	10,5						
53,0 a 54,0	13890	12,5						
54,0 a 55,0	13891	15,0						
55,0 a 56,0	13892	15,8						
56,0 a 57,0	13893	9,9						
57,0 a 58,0	13894	16,3						
58,0 a 59,0	13895	14,2						
59,0 a 60,0	13896	8,4						
60,0 a 61,0	13897	8,4						
62,0 a 63,0	13898	8,7						
63,0 a 64,0	13899	17,5						
64,0 a 65,0	13900	12,3						
65,0 a 66,0	13901	13,8						
66,0 a 67,0	13902	11,3						
67,0 a 68,0	13903	10,9						
68,0 a 68,95	13904	6,7						

Patricia de Padua Marques
PATRÍCIA DE PADUA MARQUES
Química - CRC 532 - S
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Minérios da SECLAB
NE 7530.0210.0343



COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-181-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13581/75	2,5						
1,0 a 2,0	13582	1,1						
2,0 a 3,0	13583	3,2						
3,0 a 4,0	13584	3,3						
4,0 a 5,0	13585	4,5						
5,0 a 6,0	13586	5,1						
6,0 a 7,0	13587	7,1						
7,0 a 8,0	13588	7,3						
8,0 a 9,0	13589	3,2						
9,0 a 10,0	13590	1,4						
10,0 a 11,0	13591	1,9						
11,0 a 12,0	13592	1,3						
12,0 a 13,0	13593	0,6						
13,0 a 14,0	13594	0,6						
14,0 a 15,0	13595	0,8						
15,0 a 16,0	13596	0,9						
16,0 a 17,0	13597	0,6						
17,0 a 18,0	13598	0,6						

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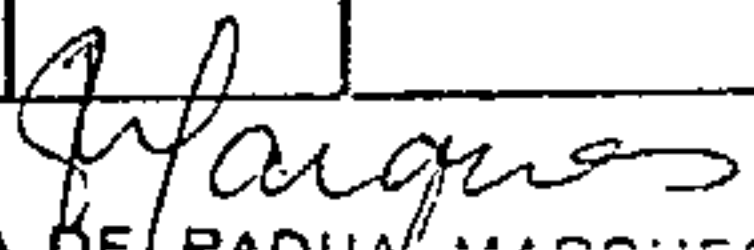
Cont. Furo: 2138-PW-181-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13599/75	<0,5						
19,0 a 20,0	13600	0,5						
20,0 a 21,0	13601	0,5/						
21,0 a 22,0	13602	0,5						
22,0 a 23,0	13603	0,6						
23,0 a 24,0	13604	0,5						
24,0 a 25,0	13605	0,6						
25,0 a 26,0	13606	0,5						
26,0 a 27,0	13607	0,5						
27,0 a 28,0	13608	0,5						
28,0 a 29,0	13609	0,5						
29,0 a 30,0	13610	0,5						
30,0 a 31,0	13611	0,6						
31,0 a 32,0	13612	<0,5						
32,0 a 33,0	13613	<0,5						
33,0 a 34,0	13614	<0,5						
34,0 a 35,0	13615	<0,5						
35,0 a 36,0	13616	<0,5						
36,0 a 37,0	13617	<0,5						
37,0 a 38,0	13618	0,5						
38,0 a 39,0	13619	<0,5						
39,0 a 40,0	13620	<0,5						
40,0 a 41,0	13621	<0,5						
41,0 a 42,0	13622	<0,5						
42,0 a 43,0	13623	<0,5						
43,0 a 44,0	13624	0,8						
44,0 a 45,0	13625	<0,5						

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Cont. Furo: 2148-PM-181-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13626/75	<0,5						
46,0 a 47,0	13627	<0,5						
47,0 a 48,0	13628	<0,5						
48,0 a 49,0	13629	<0,5						
49,0 a 50,0	13630	<0,5						
50,0 a 51,0	13631	<0,5						
51,0 a 52,0	13632	<0,5						
52,0 a 53,0	13633	0,5						
53,0 a 54,0	13634	<0,5						
54,0 a 55,70	13635	<0,5						



PATRÍCIA DE PADUA MARQUES

Química - CRO 532 - S

 Responsável pelo Setor de
 NE 7530.0210.0343
 Minérios da SECLAR

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-182-MG

OBSERVAÇÃO: De 57 a 58 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13518/75	7,2						
1,0 a 2,0	13519	8,4						
2,0 a 3,0	13520	7,1						
3,0 a 4,0	13521	15,7						
4,0 a 5,0	13522	19,0						
5,0 a 6,0	13523	18,2						
6,0 a 7,0	13524	21,1						
7,0 a 8,0	13525	19,9						
8,0 a 9,0	13526	17,7						
9,0 a 10,0	13527	18,3						
10,0 a 11,0	13528	13,5						
11,0 a 12,0	13529	15,0						
12,0 a 13,0	13530	17,1						
13,0 a 14,0	13531	17,6						
14,0 a 15,0	13532	15,1						
15,0 a 16,0	13533	20,3						
16,0 a 17,0	13534	15,9						
17,0 a 18,0	13535	20,0						

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Cont. Furo: 2148-PM-182-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13536/75	15,4						
19,0 a 20,0	13537	18,3						
20,0 a 21,0	13538	17,2						
21,0 a 22,0	13539	22,0						
22,0 a 23,0	13540	22,5						
23,0 a 24,0	13541	20,6						
24,0 a 25,0	13542	18,0						
25,0 a 26,0	13543	18,4						
26,0 a 27,0	13544	18,8						
27,0 a 28,0	13545	19,0						
28,0 a 29,0	13546	20,0						
29,0 a 30,0	13547	18,2						
30,0 a 31,0	13548	16,9						
31,0 a 32,0	13549	20,1						
32,0 a 33,0	13550	19,7						
33,0 a 34,0	13551	17,2						
34,0 a 35,0	13552	16,2						
35,0 a 36,0	13553	16,7						
36,0 a 37,0	13554	17,3						
37,0 a 38,0	13555	15,5						
38,0 a 39,0	13556	17,9						
39,0 a 40,0	13557	14,3						
40,0 a 41,0	13558	17,4						
41,0 a 42,0	13559	18,0						
42,0 a 43,0	13560	17,7						
43,0 a 44,0	13561	13,7						
44,0 a 45,0	13562	15,4						

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Cont. Furo: 2148-PM-182-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	13563/75	14,8						
46,0 a 47,0	13564	14,9						
47,0 a 48,0	13565	17,3						
48,0 a 49,0	13566	17,7						
49,0 a 50,0	13567	22,6						
50,0 a 51,0	13568	21,8						
51,0 a 52,0	13569	21,9						
52,0 a 53,0	13570	18,1						
53,0 a 54,0	13571	17,8						
54,0 a 55,0	13572	13,5						
55,0 a 56,0	13573	18,5						
56,0 a 57,0	13574	15,6						
58,0 a 59,50	13575	10,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-183-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14208/75	4,5						
1,0 a 2,0	14209	3,3						
2,0 a 3,0	14210	3,0						
3,0 a 4,0	14211	4,0						
4,0 a 5,0	14212	4,3						
5,0 a 6,0	14213	6,7						
6,0 a 7,0	14214	2,5						
7,0 a 8,0	14215	3,0						
8,0 a 9,0	14216	2,3						
9,0 a 10,0	14217	3,3						
10,0 a 11,0	14218	6,4						
11,0 a 12,0	14219	6,3						
12,0 a 13,0	14220	11,4						
13,0 a 14,0	14221	6,0						
14,0 a 15,0	14222	7,3						
15,0 a 16,0	14223	8,9						
16,0 a 17,0	14224	7,2						
17,0 a 18,0	14225	5,5						

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Cont. Furo: 2148-PM-183-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14226/75	5,7						
19,0 a 20,0	14227	6,1						
20,0 a 21,0	14228	8,4						
21,0 a 22,0	14229	5,3						
22,0 a 23,0	14230	7,4						
23,0 a 24,0	14031	7,5						
24,0 a 25,0	14232	8,1						
25,0 a 26,0	14233	10,2						
26,0 a 27,0	14234	4,8						
27,0 a 28,0	14235	3,6						
28,0 a 29,0	14236	13,3						
29,0 a 30,0	14237	15,0						
30,0 a 31,0	14238	6,1						
31,0 a 32,0	14239	4,5						
32,0 a 33,0	14240	9,5						
33,0 a 34,0	14241	9,2						
34,0 a 35,0	14242	13,3						
35,0 a 36,0	14243	10,7						
36,0 a 37,0	14244	8,4						
37,0 a 38,0	14245	11,0						
38,0 a 39,0	14246	14,6						
39,0 a 40,0	14247	14,6						
40,0 a 41,0	14248	16,7						
41,0 a 42,0	14249	13,6						
42,0 a 43,0	14250	15,9						
43,0 a 44,0	14251	11,2						
44,0 a 45,0	14252	11,5						

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Cont. Furo: 2148-PM-183-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
45,0 a 46,0	14253/75	15,5					
46,0 a 47,0	14254	21,6					
47,0 a 48,0	14255	22,8					
48,0 a 49,0	14256	20,1					
49,0 a 50,0	14257	14,8					
50,0 a 51,0	14258	13,9					
51,0 a 52,0	14259	16,3					
52,0 a 53,0	14260	18,0					
53,0 a 54,0	14261	17,0					
54,0 a 55,0	14262	16,4					
55,0 a 56,0	14263	15,7					
56,0 a 57,0	14264	13,0					
57,0 a 58,0	14265	12,9					
58,0 a 59,0	14266	10,5					
59,0 a 60,0	14267	13,8					
60,0 a 61,0	14268	12,5					
61,0 a 62,0	14269	15,4					
62,0 a 63,0	14270	10,2					
63,0 a 64,0	14271	15,6					
64,0 a 65,0	14272	15,8					
65,0 a 66,0	14273	16,2					
66,0 a 67,0	14274	15,0					
67,0 a 68,0	14275	19,1					
68,0 a 69,0	14276	18,6					
69,0 a 70,0	14277	23,6					
70,0 a 71,0	14278	10,4					
71,0 a 72,0	14279	15,5					

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Cont. Furo: 2148-PM-183-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	14280/75	12,5						
73,0 a 74,0	14281	17,1						
74,0 a 75,0	14282	16,9						
75,0 a 76,0	14283	15,4						
76,0 a 77,0	14284	12,4						
77,0 a 78,0	14285	21,4						
78,0 a 79,0	14286	19,6						
79,0 a 80,0	14287	17,5						
80,0 a 81,0	14288	16,5						
81,0 a 82,0	14289	13,8						
82,0 a 83,0	14290	13,1						
83,0 a 84,0	14291	14,0						
84,0 a 85,0	14292	16,0						
85,0 a 86,0	14293	15,0						
86,0 a 87,0	14294	14,4						
87,0 a 88,0	14295	17,0						
88,0 a 89,0	14296	14,5						
89,0 a 89,95	14297	8,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-184-MG

OBSERVAÇÃO: De 101 a 103 em recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14432/75	16,9						
1,0 a 2,0	14433	12,9						
2,0 a 3,0	14434	9,8						
3,0 a 4,0	14435	14,8						
4,0 a 5,0	14436	10,0						
5,0 a 6,0	14437	14,5						
6,0 a 7,0	14438	3,7						
7,0 a 8,0	14439	3,4						
8,0 a 9,0	14440	2,2						
9,0 a 10,0	14441	1,3						
10,0 a 11,0	14442	1,4						
11,0 a 12,0	14443	1,3						
12,0 a 13,0	14444	2,0						
13,0 a 14,0	14445	13,8						
14,0 a 15,0	14446	23,1						
15,0 a 16,0	14447	23,3						
16,0 a 17,0	14448	20,0						
17,0 a 18,0	14449	21,9						

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Cont. Furo: 2148-PM-184-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14450/75	28,2						
19,0 a 20,0	14451	28,7						
20,0 a 21,0	14452	26,0						
21,0 a 22,0	14453	25,1						
22,0 a 23,0	14454	23,0						
23,0 a 24,0	14455	22,3						
24,0 a 25,0	14456	23,7						
25,0 a 26,0	14457	21,2						
26,0 a 27,0	14458	24,1						
27,0 a 28,0	14459	23,6						
28,0 a 29,0	14460	22,5						
29,0 a 30,0	14461	21,0						
30,0 a 31,0	14462	24,9						
31,0 a 32,0	14463	24,2						
32,0 a 33,0	14464	20,4						
33,0 a 34,0	14465	19,2						
34,0 a 35,0	14466	20,7						
35,0 a 36,0	14467	19,0						
36,0 a 37,0	14468	18,8						
37,0 a 38,0	14469	18,5						
38,0 a 39,0	14470	22,1						
39,0 a 40,0	14471	20,4						
40,0 a 41,0	14472	18,8						
41,0 a 42,0	14473	18,0						
42,0 a 43,0	14474	19,2						
43,0 a 44,0	14475	18,3						
44,0 a 45,0	14476	17,7						

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Cont. Furo: 2148-PM-184-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	14477/75	16,0						
46,0 a 47,0	14478	16,0						
47,0 a 48,0	14479	17,2						
48,0 a 49,0	14480	18,0						
49,0 a 50,0	14481	18,4						
50,0 a 51,0	14482	20,8						
51,0 a 52,0	14483	19,7						
52,0 a 53,0	14484	15,1						
53,0 a 54,0	14485	18,0						
54,0 a 55,0	14486	17,7						
55,0 a 56,0	14487	14,9						
56,0 a 57,0	14488	16,8						
57,0 a 58,0	14489	18,8						
58,0 a 59,0	14490	18,8						
59,0 a 60,0	14491	18,0						
60,0 a 61,0	14492	22,0						
61,0 a 62,0	14493	20,7						
62,0 a 63,0	14494	18,3						
63,0 a 64,0	14495	17,9						
64,0 a 65,0	14496	17,4						
65,0 a 66,0	14497	17,4						
66,0 a 67,0	14498	15,7						
67,0 a 68,0	14499	16,5						
68,0 a 69,0	14500	16,8						
69,0 a 70,0	14501	16,7						
70,0 a 71,0	14502	15,5						
71,0 a 72,0	14503	18,5						
72,0 a 73,0	14504	19,0						

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Cont. Furo: 2148-PM-184-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
73,0 a 74,0	14505/75	14,5						
74,0 a 75,0	14506	19,0						
75,0 a 76,0	14507	18,7						
76,0 a 77,0	14508	18,9						
77,0 a 78,0	14509	17,7						
78,0 a 79,0	14510	16,1						
79,0 a 80,0	14511	20,9						
80,0 a 81,0	14512	18,6						
81,0 a 82,0	14513	14,1						
82,0 a 83,0	14514	15,7						
83,0 a 84,0	14515	17,2						
84,0 a 85,0	14516	18,2						
85,0 a 86,0	14517	19,5						
86,0 a 87,0	14518	19,1						
87,0 a 88,0	14519	18,2						
88,0 a 89,0	14520	19,5						
89,0 a 90,0	14521	22,0						
90,0 a 91,0	14522	21,1						
91,0 a 92,0	14523	19,0						
92,0 a 93,0	14524	18,8						
93,0 a 94,0	14525	19,0						
94,0 a 95,0	14526	19,5						
95,0 a 96,0	14527	17,8						
96,0 a 97,0	14528	15,1						
97,0 a 98,0	14529	16,8						
98,0 a 99,0	14530	18,5						
99,0 a 100,0	14531	18,7						
100,0 a 101,0	14532	33,8						

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Cont. Furo: 2148-PM-184-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
103,0 a 104,0	14533/75	15,0						
104,0 a 105,0	14534	14,2						
105,0 a 106,0	14535	15,2						
106,0 a 107,0	14536	9,9						
107,0 a 108,50	14537	8,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-185-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13911/75	0,5						
1,0 a 2,0	13912	0,5						
2,0 a 3,0	13913	0,6						
3,0 a 4,0	13914	0,5						
4,0 a 5,0	13915	0,6						
5,0 a 6,0	13916	0,7						
6,0 a 7,0	13917	0,6						
7,0 a 8,0	13918	0,5						
8,0 a 9,0	13919	0,6						
9,0 a 10,0	13920	0,6						
10,0 a 11,0	13921	0,5						
11,0 a 12,0	13922	0,6						
12,0 a 13,0	13923	0,6						
13,0 a 14,0	13924	0,6						
14,0 a 15,0	13925	0,6						
15,0 a 16,0	13926	0,5						
16,0 a 17,0	13927	0,5						
17,0 a 18,0	13928	0,6						

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Cont. Furo: 2148-PM-185-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13929/75	0,7						
19,0 a 20,0	13930	2,7						
20,0 a 21,0	13931	1,0						
21,0 a 22,0	13932	1,0						
22,0 a 23,0	13933	1,3						
23,0 a 24,0	13934	1,8						
24,0 a 25,0	13935	1,1						
25,0 a 26,0	13936	0,7						
26,0 a 27,0	13937	0,7						
27,0 a 28,0	13938	1,1						
28,0 a 29,0	13939	1,0						
29,0 a 30,0	13940	0,7						
30,0 a 31,0	13941	0,7						
31,0 a 32,0	13942	0,7						
32,0 a 33,0	13943	0,7						
33,0 a 34,0	13944	0,7						
34,0 a 35,0	13945	0,7						
35,0 a 36,0	13946	0,6						
36,0 a 37,0	13947	0,9						
37,0 a 38,0	13948	0,7						
38,0 a 39,0	13949	0,5						
39,0 a 40,0	13950	0,5						
40,0 a 41,0	13951	0,5						
41,0 a 42,0	13952	0,6						
42,0 a 43,0	13953	0,6						
43,0 a 44,0	13954	0,5						
44,0 a 45,0	13955	0,6						
45,0 a 46,0	13956	0,7						

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Cont. Furo: 2148-PM-185-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	13957/75	0,9						
47,0 a 48,0	13958	0,5						
48,0 a 49,0	13959	<0,5						
49,0 a 50,0	13960	0,5						
50,0 a 51,0	13961	0,7						
51,0 a 52,0	13962	1,1						
52,0 a 53,0	13963	1,6						
53,0 a 54,0	13964	2,0						
54,0 a 55,0	13965	1,6						
55,0 a 56,30	13966	1,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-186-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14165/75	29,1						
1,0 a 2,0	14166	28,8						
2,0 a 3,0	14167	32,0						
3,0 a 4,0	14168	32,2						
4,0 a 5,0	14169	31,2						
5,0 a 6,0	14170	24,0						
6,0 a 7,0	14171	24,0						
7,0 a 8,0	14172	29,0						
8,0 a 9,0	14173	32,2						
9,0 a 10,0	14174	30,7						
10,0 a 11,0	14175	28,5						
11,0 a 12,0	14176	23,7						
12,0 a 13,0	14177	22,9						
13,0 a 14,0	14178	22,3						
14,0 a 15,0	14179	17,2						
15,0 a 16,0	14180	19,3						
16,0 a 17,0	14181	19,1						
17,0 a 18,0	14182	19,0						

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Cont. Furo: 2148-PM-186-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	14183/75	10,1					
19,0 a 20,0	14184	6,4					
20,0 a 21,0	14185	5,5					
21,0 a 22,0	14186	7,7					
22,0 a 23,0	14187	4,6					
23,0 a 24,0	14188	6,0					
24,0 a 25,0	14189	5,5					
25,0 a 26,0	14190	5,1					
26,0 a 27,0	14191	6,4					
27,0 a 28,0	14192	6,3					
28,0 a 29,0	14193	7,3					
29,0 a 30,0	14194	7,0					
30,0 a 31,0	14195	24,6					
31,0 a 32,0	14196	16,0					
32,0 a 33,0	14197	16,8					
33,0 a 34,0	14198	18,1					
34,0 a 35,0	14199	21,5					
35,0 a 36,0	14200	20,4					
36,0 a 37,0	14201	18,4					
37,0 a 38,0	14202	21,5					
38,0 a 39,0	14203	8,9					
39,0 a 40,50	14204	6,1					

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MIRAS

BOLETIM DE ANÁLISE

LABORATÓRIO: LAPEM

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-187-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14081/75	15,6						
1,0 a 2,0	14082	18,9						
2,0 a 3,0	14083	20,0						
3,0 a 4,0	14084	19,9						
4,0 a 5,0	14085	19,0						
5,0 a 6,0	14086	17,5						
6,0 a 7,0	14087	17,6						
7,0 a 8,0	14088	17,9						
8,0 a 9,0	14089	16,9						
9,0 a 10,0	14090	13,7						
10,0 a 11,0	14091	13,5						
11,0 a 12,0	14092	11,4						
12,0 a 13,0	14093	18,5						
13,0 a 14,0	14094	20,5						
14,0 a 15,0	14095	19,4						
15,0 a 16,0	14096	20,7						
16,0 a 17,0	14097	21,4						
17,0 a 18,0	14098	19,8						

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Cont. Furo: 2148-PM-187-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14099/75	20,4						
19,0 a 20,0	14100	18,0						
20,0 a 21,0	14101	18,4						
21,0 a 22,0	14102	18,8						
22,0 a 23,0	14103	17,8						
23,0 a 24,0	14104	18,2						
24,0 a 25,0	14105	19,9						
25,0 a 26,0	14106	18,0						
26,0 a 27,0	14107	16,3						
27,0 a 28,0	14108	15,8						
28,0 a 29,0	14109	20,0						
29,0 a 30,0	14110	20,4						
30,0 a 31,0	14111	19,3						
31,0 a 32,0	14112	13,2						
32,0 a 33,0	14113	18,5						
33,0 a 34,0	14114	17,9						
34,0 a 35,0	14115	23,0						
35,0 a 36,0	14116	22,3						
36,0 a 37,0	14117	14,4						
37,0 a 38,0	14118	16,9						
38,0 a 39,0	14119	14,5						
39,0 a 40,0	14120	15,3						
40,0 a 41,0	14121	17,3						
41,0 a 42,0	14122	17,4						
42,0 a 43,0	14123	17,6						
43,0 a 44,0	14124	17,7						
44,0 a 45,0	14125	18,8						
45,0 a 46,0	14126	19,9						

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Cont. Furo: 2148-PM-187-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOl. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
46,0 a 47,0	14127/75	17,0					
47,0 a 48,0	14128	17,5					
48,0 a 49,0	14129	19,6					
49,0 a 50,0	14130	20,0					
50,0 a 51,0	14131	20,3					
51,0 a 52,0	14132	20,0					
52,0 a 53,0	14133	25,0					
53,0 a 54,0	14134	25,0					
54,0 a 55,0	14135	17,9					
55,0 a 56,0	14136	17,8					
56,0 a 57,0	14137	12,5					
57,0 a 58,0	14138	14,5					
58,0 a 59,0	14139	16,0					
59,0 a 60,0	14140	18,8					
60,0 a 61,0	14141	17,6					
61,0 a 62,0	14142	16,1					
62,0 a 63,0	14143	17,9					
63,0 a 64,0	14144	12,9					
64,0 a 65,0	14145	22,7					
65,0 a 66,0	14146	27,3					
66,0 a 67,0	14147	20,1					
67,0 a 68,0	14148	16,8					
68,0 a 69,0	14149	15,2					
69,0 a 70,0	14150	18,9					
70,0 a 71,0	14151	17,7					
71,0 a 72,0	14152	20,3					
72,0 a 73,0	14153	17,0					
73,0 a 74,0	14154	18,0					

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Cont. Furo: 2148-PM-187-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
74,0 a 75,0	14155/75	17,9						
75,0 a 76,0	14156	15,0						
76,0 a 77,25	14157	8,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-188-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14025/75	2,9						
1,0 a 2,0	14026	4,0						
2,0 a 3,0	14027	7,2						
3,0 a 4,0	14028	6,6						
4,0 a 5,0	14029	8,3						
5,0 a 6,0	14030	9,9						
6,0 a 7,0	14031	7,6						
7,0 a 8,0	14032	4,4						
8,0 a 9,0	14033	7,8						
9,0 a 10,0	14034	9,3						
10,0 a 11,0	14035	11,6						
11,0 a 12,0	14036	16,2						
12,0 a 13,0	14037	14,3						
13,0 a 14,0	14038	14,5						
14,0 a 15,0	14039	14,7						
15,0 a 16,0	14040	14,5						
16,0 a 17,0	14041	15,0						

flif

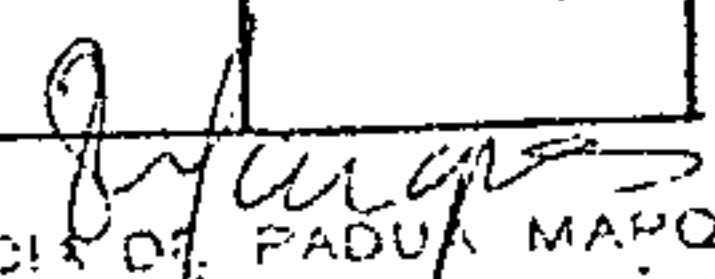
Cont. Furo: 2148- PM- 188-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
17,0 a 18,0	14042/75	13,0						
18,0 a 19,0	14043	16,2						
19,0 a 20,0	14044	15,3						
20,0 a 21,0	14045	16,0						
21,0 a 22,0	14046	18,2						
22,0 a 23,0	14047	19,7						
23,0 a 24,0	14048	19,7						
24,0 a 25,0	14049	19,8						
25,0 a 26,0	14050	21,6						
26,0 a 27,0	14051	21,8						
27,0 a 28,0	14052	21,7						
28,0 a 29,0	14053	18,4						
29,0 a 30,0	14054	6,4						
30,0 a 31,0	14055	20,6						
31,0 a 32,0	14056	18,9						
32,0 a 33,0	14057	16,4						
33,0 a 34,0	14058	19,5						
34,0 a 35,0	14059	19,9						
35,0 a 36,0	14060	26,7						
36,0 a 37,0	14061	18,1						
37,0 a 38,0	14062	25,9						
38,0 a 39,0	14063	19,8						
39,0 a 40,0	14064	21,2						
40,0 a 41,0	14065	17,5						
41,0 a 42,0	14066	19,1						
42,0 a 43,0	14067	13,7						
43,0 a 44,0	14068	17,5						
44,0 a 45,0	14069	20,0						

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Cont. Furo: 2148-PM-188-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	14070/75	19,2						
46,0 a 47,0	14071	17,0						
47,0 a 48,0	14072	14,2						
48,0 a 49,0	14073	15,7						
49,0 a 50,0	14074	16,1						
50,0 a 51,0	14075	7,7						
51,0 a 51,80	14076	7,4						


 PATRÍCIA DE PADUA MARQUE
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-189-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	13972/75	2,7						
1,0 a 2,0	13973	1,5						
2,0 a 3,0	13974	1,0						
3,0 a 4,0	13975	0,8						
4,0 a 5,0	13976	0,9						
5,0 a 6,0	13977	0,7						
6,0 a 7,0	13978	0,8						
7,0 a 8,0	13979	0,8						
8,0 a 9,0	13980	0,9						
9,0 a 10,0	13981	1,2						
10,0 a 11,0	13982	1,5						
11,0 a 12,0	13983	1,0						
12,0 a 13,0	13984	1,0						
13,0 a 14,0	13985	1,1						
14,0 a 15,0	13986	1,6						
15,0 a 16,0	13987	1,1						
16,0 a 17,0	13988	1,1						
17,0 a 18,0	13939	1,4						

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Cont. Furo: 2148-PM-189-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	13990/75	2,9						
19,0 a 20,0	13991	4,6						
20,0 a 21,0	13992	5,1						
21,0 a 22,0	13993	2,0						
22,0 a 23,0	13994	4,3						
23,0 a 24,0	13995	2,4						
24,0 a 25,0	13996	2,7						
25,0 a 26,0	13997	1,4						
26,0 a 27,0	13998	2,9						
27,0 a 28,0	13999	1,2						
28,0 a 29,0	14000	1,1						
29,0 a 30,0	14001	1,2						
30,0 a 31,0	14002	2,0						
31,0 a 32,0	14003	1,3						
32,0 a 33,0	14004	1,1						
33,0 a 34,0	14005	1,0						
34,0 a 35,0	14006	1,0						
35,0 a 36,0	14007	0,9						
36,0 a 37,0	14008	1,0						
37,0 a 38,0	14009	1,2						
38,0 a 39,0	14010	1,3						
39,0 a 40,0	14011	2,9						
40,0 a 41,0	14012	3,3						
41,0 a 42,0	14013	2,7						
42,0 a 43,0	14014	2,8						
43,0 a 44,0	14015	2,8						
44,0 a 45,0	14016	3,5						
45,0 a 46,0	14017	5,4						

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Cont. Furo: 2148-PM-189-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	14018/75	3,2						
47,0 a 48,0	14019	3,1						
48,0 a 49,30	14020	1,9						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-190-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14548/75	13,3						
1,0 a 2,0	14549	17,7						
2,0 a 3,0	14550	19,5						
3,0 a 4,0	14551	18,3						
4,0 a 5,0	14552	17,2						
5,0 a 6,0	14553	15,4						
6,0 a 7,0	14554	9,6						
7,0 a 8,0	14555	18,7						
8,0 a 9,0	14556	19,4						
9,0 a 10,0	14557	21,2						
10,0 a 11,0	14558	21,2						
11,0 a 12,0	14559	20,1						
12,0 a 13,0	14560	19,2						
13,0 a 14,0	14561	19,2						
14,0 a 15,0	14562	15,1						
15,0 a 16,0	14563	16,4						
16,0 a 17,0	14564	18,6						
17,0 a 18,0	14565	15,3						

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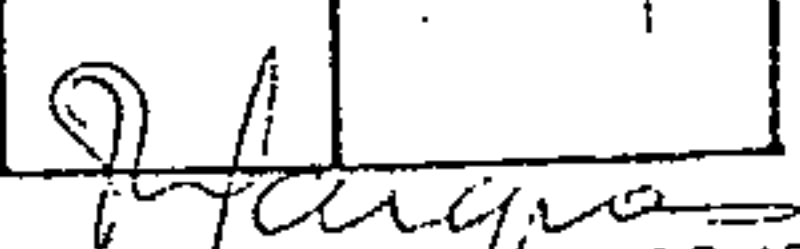
Cont. Furo: 2148-PM-190-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14566/75	13,9						
19,0 a 20,0	14567	13,9						
20,0 a 21,0	14568	12,7						
21,0 a 22,0	14569	12,0						
22,0 a 23,0	14570	14,1						
23,0 a 24,0	14571	17,0						
24,0 a 25,0	14572	21,8						
25,0 a 26,0	14573	21,7						
26,0 a 27,0	14574	21,2						
27,0 a 28,0	14575	18,7						
28,0 a 29,0	14576	13,6						
29,0 a 30,0	14577	16,5						
30,0 a 31,0	14578	13,9						
31,0 a 32,0	14579	15,7						
32,0 a 33,0	14580	13,0						
33,0 a 34,0	14581	14,2						
34,0 a 35,0	14582	17,0						
35,0 a 36,0	14583	19,2						
36,0 a 37,0	14584	20,0						
37,0 a 38,0	14585	19,5						
38,0 a 39,0	14586	20,3						
39,0 a 40,0	14587	19,9						
40,0 a 41,0	14588	19,5						
41,0 a 42,0	14589	16,7						
42,0 a 43,0	14590	18,3						
43,0 a 44,0	14591	18,0						
44,0 a 45,0	14592	17,8						
45,0 a 46,0	14593	17,0						

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Cont. Furo: 2148-PM-190-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	14594/75	24,2						
47,0 a 48,0	14595	25,5						
48,0 a 49,0	14596	23,6						
49,0 a 50,0	14597	16,1						
50,0 a 51,0	14598	16,5						
51,0 a 52,0	14599	13,6						
52,0 a 53,0	14600	11,5						
53,0 a 54,0	14601	9,3						
54,0 a 55,0	14602	16,2						
55,0 a 56,0	14603	8,6						
56,0 a 57,0	14604	6,4						
57,0 a 58,0	14605	4,1						


 PATRÍCIA DE PADUA MARQUES
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-191-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14613/75	16,5						
1,0 a 2,0	14614	15,0						
2,0 a 3,0	14615	7,6						
3,0 a 4,0	14616	6,9						
4,0 a 5,0	14617	6,7						
5,0 a 6,0	14618	5,3						
6,0 a 7,0	14619	5,3						
7,0 a 8,0	14620	3,4						
8,0 a 9,0	14621	7,4						
9,0 a 10,0	14622	4,3						
10,0 a 11,0	14623	3,1						
11,0 a 12,0	14624	2,9						
12,0 a 13,0	14625	2,3						
13,0 a 14,0	14626	2,9						
14,0 a 15,0	14627	5,6						
15,0 a 16,0	14628	5,6						
16,0 a 17,0	14629	11,6						
17,0 a 18,0	14630	11,8						

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Cont. Furo: 2148-PM-191-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14631/75	11,8						
19,0 a 20,0	14632	11,8						
20,0 a 21,0	14633	11,5						
21,0 a 22,0	14634	9,7						
22,0 a 23,0	14635	9,4						
23,0 a 24,0	14636	13,8						
24,0 a 25,0	14637	13,7						
25,0 a 26,0	14638	13,9						
26,0 a 27,0	14639	16,5						
27,0 a 28,0	14640	16,6						
28,0 a 29,0	14641	9,2						
29,0 a 30,0	14642	13,5						
30,0 a 31,0	14643	14,8						
31,0 a 32,0	14644	15,2						
32,0 a 33,0	14645	9,8						
33,0 a 34,0	14646	12,5						
34,0 a 35,0	14647	9,4						
35,0 a 36,0	14648	8,1						
36,0 a 37,0	14649	8,7						
37,0 a 38,0	14650	13,2						
38,0 a 39,0	14651	7,7						
39,0 a 40,0	14652	9,0						
40,0 a 41,0	14653	8,7						
41,0 a 42,0	14654	7,9						
42,0 a 43,0	14655	7,6						
43,0 a 44,0	14656	7,9						
44,0 a 45,0	14657	4,7						

fy

Cont. Furo: 2148-PM-191-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	14658/75	4,4						
46,0 a 47,40	14659	5,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-192- MG


OBSERVAÇÃO: De 44 a 45 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14664/75	1,6						
1,0 a 2,0	14665	1,8						
2,0 a 3,0	14666	1,2						
3,0 a 4,0	14667	1,8						
4,0 a 5,0	14668	1,8						
5,0 a 6,0	14669	1,5						
6,0 a 7,0	14670	1,4						
7,0 a 8,0	14671	2,7						
8,0 a 9,0	14672	4,4						
9,0 a 10,0	14673	4,6						
10,0 a 11,0	14674	2,9						
11,0 a 12,0	14675	1,8						
12,0 a 13,0	14676	1,3						
13,0 a 14,0	14677	1,5						
14,0 a 15,0	14678	2,0						
15,0 a 16,0	14679	3,1						
16,0 a 17,0	14680	2,1						
17,0 a 18,0	14681	1,6						

Juf

Cont. Furo: 2148-PM-192-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14682/75	2,8						
19,0 a 20,0	14683	2,8						
20,0 a 21,0	14684	3,0						
21,0 a 22,0	14685	3,1						
22,0 a 23,0	14686	3,4						
23,0 a 24,0	14687	2,8						
24,0 a 25,0	14688	2,4						
25,0 a 26,0	14689	1,7						
26,0 a 27,0	14690	2,3						
27,0 a 28,0	14691	2,6						
28,0 a 29,0	14692	2,1						
29,0 a 30,0	14693	1,8						
30,0 a 31,0	14694	1,5						
31,0 a 32,0	14695	1,4						
32,0 a 33,0	14696	2,3						
33,0 a 34,0	14697	2,4						
34,0 a 35,0	14698	3,2						
35,0 a 36,0	14699	3,0						
36,0 a 37,0	14700	2,2						
37,0 a 38,0	14701	2,9						
38,0 a 39,0	14702	2,2						
39,0 a 40,0	14703	1,9						
40,0 a 41,0	14704	1,9						
41,0 a 42,0	14705	2,1						
42,0 a 43,0	14706	2,3						
43,0 a 44,0	14707	1,3						
45,0 a 46,55	14708	1,9						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SEBLAC

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-193-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 25°
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14713/75	3,1						
1,0 a 2,0	14714	2,8						
2,0 a 3,0	14715	3,2						
3,0 a 4,0	14716	3,1						
4,0 a 5,0	14717	2,8						
5,0 a 6,0	14718	4,5						
6,0 a 7,0	14719	4,1						
7,0 a 8,0	14720	4,8						
8,0 a 9,0	14721	2,5						
9,0 a 10,0	14722	2,7						
10,0 a 11,0	14723	1,9						
11,0 a 12,0	14724	1,8						
12,0 a 13,0	14725	1,9						
13,0 a 14,0	14726	1,2						
14,0 a 15,0	14727	1,3						
15,0 a 16,0	14728	1,2						
16,0 a 17,0	14729	1,2						
17,0 a 18,0	14730	1,6						

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Cont. Furo: 2148-PM-193-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14731/75	1,3						
19,0 a 20,0	14732	1,1						
20,0 a 21,0	14733	1,0						
21,0 a 22,0	14734	1,0						
22,0 a 23,0	14735	1,0						
23,0 a 24,0	14736	0,9						
24,0 a 25,0	14737	1,0						
25,0 a 26,0	14738	1,0						
26,0 a 27,0	14739	1,0						
27,0 a 28,0	14740	1,0						
28,0 a 29,0	14741	1,6						
29,0 a 30,0	14742	1,8						
30,0 a 31,0	14743	4,4						
31,0 a 32,0	14744	9,1						
32,0 a 33,0	14745	12,2						
33,0 a 34,0	14746	12,1						
34,0 a 35,0	14747	7,1						
35,0 a 36,0	14748	9,5						
36,0 a 37,0	14749	11,8						
37,0 a 38,0	14750	9,0						
38,0 a 39,0	14751	9,9						
39,0 a 40,0	14752	7,4						
40,0 a 41,0	14753	11,6						
41,0 a 42,0	14754	13,7						
42,0 a 43,0	14755	14,6						
43,0 a 44,0	14756	13,6						
44,0 a 45,0	14757	16,4						

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Cont. Furo: 2148-PM-193-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	14758/75	14,1						
46,0 a 47,0	14759	13,3						
47,0 a 48,0	14760	17,1						
48,0 a 49,0	14761	15,7						
49,0 a 50,0	14762	12,5						
50,0 a 51,0	14763	13,7						
51,0 a 52,0	14764	14,8						
52,0 a 53,40	14765	16,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-194-MG

OBSERVAÇÃO: De 67 a 68 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		F ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14771/75	3,1						
1,0 a 2,0	14772	2,7						
2,0 a 3,0	14773	2,9						
3,0 a 4,0	14774	3,4						
4,0 a 5,0	14775	4,5						
5,0 a 6,0	14776	4,7						
6,0 a 7,0	14777	4,7						
7,0 a 8,0	14778	3,3						
8,0 a 9,0	14779	2,1						
9,0 a 10,0	14780	1,8						
10,0 a 11,0	14781	2,2						
11,0 a 12,0	14782	1,7						
12,0 a 13,0	14783	2,1						
13,0 a 14,0	14784	2,3						
14,0 a 15,0	14785	1,8						
15,0 a 16,0	14786	2,2						
16,0 a 17,0	14787	1,6						

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Cont. Furo: 2148-PM-194-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
17,0 a 18,0	14788/75	1,8						
18,0 a 19,0	14789	1,6						
19,0 a 20,0	14790	2,0						
20,0 a 21,0	14791	2,2						
21,0 a 22,0	14792	1,9						
22,0 a 23,0	14793	1,3						
23,0 a 24,0	14794	1,8						
24,0 a 25,0	14795	1,8						
25,0 a 26,0	14796	2,5						
26,0 a 27,0	14797	1,8						
27,0 a 28,0	14798	2,0						
28,0 a 29,0	14799	1,6						
29,0 a 30,0	14800	1,4						
30,0 a 31,0	14801	1,0						
31,0 a 32,0	14802	1,0						
32,0 a 33,0	14803	1,4						
33,0 a 34,0	14804	1,1						
34,0 a 35,0	14805	0,9						
35,0 a 36,0	14806	4,4						
36,0 a 37,0	14807	4,8						
37,0 a 38,0	14808	6,2						
38,0 a 39,0	14809	7,1						
39,0 a 40,0	14810	7,0						
40,0 a 41,0	14811	7,9						
41,0 a 42,0	14812	8,6						
42,0 a 43,0	14813	13,3						
43,0 a 44,0	14814	11,9						

fy

Cont. Furo: 2148-PM-194-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
44,0 a 45,0	14815/75	11,9						
45,0 a 46,0	14816	9,4						
46,0 a 47,0	14817	14,6						
47,0 a 48,0	14818	8,6						
48,0 a 49,0	14819	6,4						
49,0 a 50,0	14820	6,8						
50,0 a 51,0	14821	10,0						
51,0 a 52,0	14822	13,3						
52,0 a 53,0	14823	7,6						
53,0 a 54,0	14824	8,9						
54,0 a 55,0	14825	6,9						
55,0 a 56,0	14826	12,3						
56,0 a 57,0	14827	17,6						
57,0 a 58,0	14828	19,3						
58,0 a 59,0	14829	12,6						
59,0 a 60,0	14830	15,8						
60,0 a 61,0	14831	15,8						
61,0 a 62,0	14832	13,6						
62,0 a 63,0	14833	13,7						
63,0 a 64,0	14834	12,5						
64,0 a 65,0	14835	7,7						
65,0 a 66,0	14836	4,4						
66,0 a 67,0	14837	5,8						
68,0 a 68,40	14838	5,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-195-MG

OBSERVAÇÃO: De 45 a 46 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	1484575	2,0						
1,0 a 2,0	14846	1,9						
2,0 a 3,0	14847	2,9						
3,0 a 4,0	14848	1,6						
4,0 a 5,0	14849	1,5						
5,0 a 6,0	14850	2,2						
6,0 a 7,0	14851	3,3						
7,0 a 8,0	14852	5,4						
8,0 a 9,0	14853	7,9						
9,0 a 10,0	14854	4,7						
10,0 a 11,0	14855	2,8						
11,0 a 12,0	14856	2,8						
12,0 a 13,0	14857	3,1						
13,0 a 14,0	14858	2,2						
14,0 a 15,0	14859	1,2						
15,0 a 16,0	14860	4,3						
16,0 a 17,0	14861	7,5						
17,0 a 18,0	14862	2,8						

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Cont. Furo: 2148-PM-195-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14863/75	3,0						
19,0 a 20,0	14864	3,4						
20,0 a 21,0	14865	1,8						
21,0 a 22,0	14866	3,6						
22,0 a 23,0	14867	2,3						
23,0 a 24,0	14868	1,8						
24,0 a 25,0	14869	2,0						
25,0 a 26,0	14870	2,4						
26,0 a 27,0	14871	2,6						
27,0 a 28,0	14872	2,0						
28,0 a 29,0	14873	2,2						
29,0 a 30,0	14874	2,3						
30,0 a 31,0	14875	2,1						
31,0 a 32,0	14876	2,0						
32,0 a 33,0	14877	2,0						
33,0 a 34,0	14878	1,5						
34,0 a 35,0	14879	2,0						
35,0 a 36,0	14880	2,6						
36,0 a 37,0	14881	2,6						
37,0 a 38,0	14882	1,5						
38,0 a 39,0	14883	2,2						
39,0 a 40,0	14884	2,6						
40,0 a 41,0	14885	2,5						
41,0 a 42,0	14886	1,6						
42,0 a 43,0	14887	1,2						
43,0 a 44,0	14888	3,0						
44,0 a 45,0	14889	2,8						

J.P.

Cont. Furo: 2148-PM-195-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	14890/75	1,6						
47,0 a 48,0	14891	2,1						
48,0 a 49,0	14892	1,8						
49,0 a 50,15	14893	2,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-196-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14898/75	16,5						
1,0 a 2,0	14899	17,5						
2,0 a 3,0	14900	15,6						
3,0 a 4,0	14901	11,8						
4,0 a 5,0	14902	13,4						
5,0 a 6,0	14903	11,5						
6,0 a 7,0	14904	9,8						
7,0 a 8,0	14905	6,3						
8,0 a 9,0	14906	3,6						
9,0 a 10,0	14907	5,5						
10,0 a 11,0	14908	2,9						
11,0 a 12,0	14909	2,4						
12,0 a 13,0	14910	2,2						
13,0 a 14,0	14911	1,6						
14,0 a 15,0	14912	1,9						
15,0 a 16,0	14913	2,6						
16,0 a 17,0	14914	1,9						
17,0 a 18,0	14915	1,5						
18,0 a 19,40	14916	0,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-197-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15042/75	6,6						
1,0 a 2,0	15043	6,6						
2,0 a 3,0	15044	8,3						
3,0 a 4,0	15045	7,7						
4,0 a 5,0	15046	5,2						
5,0 a 6,0	15047	4,8						
6,0 a 7,0	15048	6,6						
7,0 a 8,0	15049	2,0						
8,0 a 9,0	15050	3,3						
9,0 a 10,0	15051	3,0						
10,0 a 11,0	15052	1,3						
11,0 a 12,0	15053	1,9						
12,0 a 13,0	15054	1,5						
13,0 a 14,0	15055	1,6						
14,0 a 15,0	15056	1,1						
15,0 a 16,0	15057	1,7						
16,0 a 17,0	15058	1,5						

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Cont. Furo: 2148-PM-197-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	15059/75	1,9						
18,0 a 19,0	15060	3,1						
19,0 a 20,0	15061	4,1						
20,0 a 21,0	15062	3,3						
21,0 a 22,0	15063	5,3						
22,0 a 23,0	15064	5,4						
23,0 a 24,0	15065	5,1						
24,0 a 25,0	15066	5,0						
25,0 a 26,0	15067	4,9						
26,0 a 27,0	15068	4,3						
27,0 a 28,0	15069	5,2						
28,0 a 29,0	15070	4,8						
29,0 a 30,0	15071	4,0						
30,0 a 31,0	15072	4,3						
31,0 a 32,0	15073	5,4						
32,0 a 33,0	15074	7,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-198-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15077/75	15,4						
1,0 a 2,0	15078	18,8						
2,0 a 3,0	15079	16,9						
3,0 a 4,0	15080	19,7						
4,0 a 5,0	15081	12,6						
5,0 a 6,0	15082	12,8						
6,0 a 7,0	15083	13,0						
7,0 a 8,0	15084	8,3						
8,0 a 9,0	15085	3,6						
9,0 a 10,0	15086	11,9						
10,0 a 11,0	15087	12,7						
11,0 a 12,0	15088	9,5						
12,0 a 13,0	15089	9,0						
13,0 a 14,0	15090	8,6						
14,0 a 15,0	15091	9,5						
15,0 a 16,0	15092	9,6						
16,0 a 17,0	15093	8,9						
17,0 a 18,0	15094	15,8						

guy

Cont. Furo: 2148-PM-198-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15095/75	7,5						
19,0 a 20,0	15096	8,6						
20,0 a 21,0	15097	12,2						
21,0 a 22,0	15098	12,0						
22,0 a 23,0	15099	11,9						
23,0 a 24,0	15100	13,2						
24,0 a 25,0	15101	13,3						
25,0 a 26,0	15102	9,7						
26,0 a 27,0	15103	14,7						
27,0 a 28,0	15104	9,8						
28,0 a 29,0	15105	14,1						
29,0 a 30,0	15106	13,1						
30,0 a 31,0	15107	13,4						
31,0 a 32,0	15108	12,5						
32,0 a 33,0	15109	12,8						
33,0 a 34,0	15110	14,3						
34,0 a 35,0	15111	13,5						
35,0 a 36,0	15112	15,7						
36,0 a 37,0	15113	18,0						
37,0 a 38,0	15114	18,3						
38,0 a 39,0	15115	18,4						
39,0 a 40,0	15116	16,8						
40,0 a 41,0	15117	16,6						
41,0 a 42,0	15118	16,6						
42,0 a 43,0	15119	16,6						
43,0 a 44,0	15120	12,9						
44,0 a 45,0	15121	6,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-199-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14919/75	19,0						
1,0 a 2,0	14920	10,0						
2,0 a 3,0	14921	6,5						
3,0 a 4,0	14922	13,0						
4,0 a 5,0	14923	21,3						
5,0 a 6,0	14924	13,2						
6,0 a 7,0	14925	13,5						
7,0 a 8,0	14926	7,0						
8,0 a 9,0	14927	15,0						
9,0 a 10,0	14928	13,5						
10,0 a 11,0	14929	8,0						
11,0 a 12,0	14930	7,6						
12,0 a 13,0	14931	7,3						
13,0 a 14,0	14932	7,8						
14,0 a 15,0	14933	8,1						
15,0 a 16,0	14934	7,1						
16,0 a 17,0	14935	6,5						
17,0 a 18,0	14936	8,1						

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Cont. Furo: 2148-PM-199-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	14937/75	6,9						
19,0 a 20,0	14938	7,2						
20,0 a 21,0	14939	7,9						
21,0 a 22,0	14940	9,1						
22,0 a 23,0	14941	8,7						
23,0 a 24,0	14942	7,1						
24,0 a 25,0	14943	9,4						
25,0 a 26,0	14944	7,2						
26,0 a 27,0	14945	7,5						
27,0 a 28,0	14946	8,1						
28,0 a 29,0	14947	6,3						
29,0 a 30,0	14948	7,0						
30,0 a 31,0	14949	6,0						
31,0 a 32,0	14950	7,2						
32,0 a 33,0	14951	6,9						
33,0 a 34,0	14952	9,3						
34,0 a 35,0	14953	11,5						
35,0 a 36,0	14954	12,1						
36,0 a 37,0	14955	5,6						
37,0 a 38,0	14956	9,6						
38,0 a 39,0	14957	5,9						
39,0 a 40,0	14958	6,8						
40,0 a 41,0	14959	5,5						
41,0 a 42,0	14960	4,2						
42,0 a 43,0	14961	4,6						
43,0 a 44,0	14962	5,0						
44,0 a 45,0	14963	5,4						

guy

Cont. Furo: 2148-PM-199-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	14964/75	4,7						
46,0 a 47,0	14965	4,7						
47,0 a 48,0	14966	4,1						
48,0 a 49,0	14967	4,8						
49,0 a 50,0	14968	3,7						
50,0 a 51,0	14969	4,2						
51,0 a 52,0	14970	3,0						
52,0 a 53,0	14971	3,0						
53,0 a 54,0	14972	2,9						
54,0 a 55,0	14973	3,0						
55,0 a 56,0	14974	2,9						
56,0 a 57,70	14975	3,1						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-200-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15126/75	2,7						
1,0 a 2,0	15127	2,9						
2,0 a 3,0	15128	2,6						
3,0 a 4,0	15129	1,6						
4,0 a 5,0	15130	1,9						
5,0 a 6,0	15131	5,0						
6,0 a 7,0	15132	6,0						
7,0 a 8,0	15133	7,7						
8,0 a 9,0	15134	5,6						
9,0 a 10,0	15135	6,8						
10,0 a 11,0	15136	4,5						
11,0 a 12,0	15137	5,3						
12,0 a 13,0	15138	5,8						
13,0 a 14,0	15139	4,7						
14,0 a 15,0	15140	4,7						
15,0 a 16,0	15141	4,6						
16,0 a 17,0	15142	4,4						
17,0 a 18,0	15143	4,7						

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Cont. Furo: 2148-PM-200-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15144/75	3,5						
19,0 a 20,0	15145	4,3						
20,0 a 21,0	15146	4,0						
21,0 a 22,0	15147	4,7						
22,0 a 23,0	15148	6,6						
23,0 a 24,0	15149	9,3						
24,0 a 25,0	15150	6,6						
25,0 a 26,0	15151	4,6						
26,0 a 27,0	15152	5,4						
27,0 a 28,30	15153	4,1						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB
TIPO DE ANÁLISE: ESPECTROGRÁFICA
FURO DE SONDA: 2148-PM-201-MG
OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15156/75	3,2						
1,0 a 2,0	15157	1,0						
2,0 a 3,0	15158	2,9						
3,0 a 4,0	15159	4,8						
4,0 a 5,0	15160	4,2						
5,0 a 6,0	15161	4,8						
6,0 a 7,0	15162	5,1						
7,0 a 8,0	15163	3,9						
8,0 a 9,0	15164	2,4						
9,0 a 10,0	15165	2,3						
10,0 a 11,0	15166	1,2						
11,0 a 12,0	15167	1,3						
12,0 a 13,0	15168	1,5						
13,0 a 14,0	15169	1,0						
14,0 a 15,0	15170	1,1						
15,0 a 16,0	15171	1,2						
16,0 a 17,0	15172	1,0						
17,0 a 18,0	15173	1,5						

84

Cont. Furo: 2148-PM-201-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15174/75	1,3						
19,0 a 20,0	15175	1,7						
20,0 a 21,0	15176	1,4						
21,0 a 22,0	15177	2,0						
22,0 a 23,0	15178	3,7						
23,0 a 24,0	15179	3,6						
24,0 a 25,0	15180	5,1						
25,0 a 26,0	15181	6,5						
26,0 a 27,0	15182	5,7						
27,0 a 28,0	15183	4,6						
28,0 a 29,0	15184	4,1						
29,0 a 30,0	15185	2,8						
30,0 a 31,0	15186	4,1						
31,0 a 32,0	15187	3,9						
32,0 a 33,0	15188	4,5						
33,0 a 34,0	15189	5,3						
34,0 a 35,0	15190	6,0						
35,0 a 36,0	15191	6,8						
36,0 a 37,0	15192	6,2						
37,0 a 38,0	15193	6,2						
38,0 a 39,0	15194	6,6						
39,0 a 40,0	15195	7,5						
40,0 a 41,0	15196	2,9						
41,0 a 42,0	15197	3,7						
42,0 a 43,0	15198	6,1						
43,0 a 44,0	15199	14,8						
44,0 a 45,0	15200	15,7						

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Cont. Furo: 2148-PM-201-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	15201/75	6,1						
46,0 a 47,0	15202	5,6						
47,0 a 48,0	15203	6,7						
48,0 a 49,0	15204	11,9						
49,0 a 50,0	15205	6,5						
50,0 a 51,0	15206	4,8						
51,0 a 52,0	15207	6,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-202-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15212/75	15,5						
1,0 a 2,0	15213	12,4						
2,0 a 3,0	15214	2,7						
3,0 a 4,0	15215	1,7						
4,0 a 5,0	15216	1,3						
5,0 a 6,0	15217	0,8						
6,0 a 7,0	15218	0,7						
7,0 a 8,0	15219	0,7						
8,0 a 9,0	15220	0,5						
9,0 a 10,0	15221	0,6						
10,0 a 11,0	15222	0,7						
11,0 a 12,0	15223	1,2						
12,0 a 13,0	15224	2,1						
13,0 a 14,0	15225	2,5						
14,0 a 15,0	15226	4,9						
15,0 a 16,0	15227	4,8						
16,0 a 17,0	15228	13,0						
17,0 a 18,0	15229	16,4						

af

Cont. Furo: 2148-PM-202-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15230/75	19,3						
19,0 a 20,0	15231	20,9						
20,0 a 21,0	15232	14,0						
21,0 a 22,0	15233	9,6						
22,0 a 23,0	15234	20,4						
23,0 a 24,0	15235	19,2						
24,0 a 25,0	15236	16,6						
25,0 a 26,0	15237	15,4						
26,0 a 27,0	15238	14,8						
27,0 a 28,0	15239	18,5						
28,0 a 29,0	15240	14,0						
29,0 a 30,0	15241	12,4						
30,0 a 31,0	15242	17,4						
31,0 a 32,0	15243	14,5						
32,0 a 33,0	15244	15,2						
33,0 a 34,0	15245	12,0						
34,0 a 35,0	15246	8,9						
35,0 a 36,0	15247	9,1						
36,0 a 37,0	15248	11,9						
37,0 a 38,0	15249	9,9						
38,0 a 39,0	15250	15,2						
39,0 a 40,0	15251	18,5						
40,0 a 41,0	15252	17,0						
41,0 a 42,0	15253	13,7						
42,0 a 43,0	15254	12,5						
43,0 a 44,0	15255	12,0						
44,0 a 45,0	15256	7,9						

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Cont. Furo: 2148-PM-202-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
45,0 a 46,0	15257/75	9,2					
46,0 a 47,0	15258	12,3					
47,0 a 48,0	15259	15,8					
48,0 a 49,0	15260	17,2					
49,0 a 50,0	15261	18,8					
50,0 a 51,0	15262	14,4					
51,0 a 52,0	15263	12,8					
52,0 a 53,0	15264	15,0					
53,0 a 54,0	15265	12,3					
54,0 a 55,0	15266	17,2					
55,0 a 56,0	15267	21,0					
56,0 a 57,0	15268	21,5					
57,0 a 58,0	15269	19,9					
58,0 a 59,0	15270	17,1					
59,0 a 60,0	15271	14,6					
60,0 a 61,0	15272	20,7					
61,0 a 62,0	15273	17,5					
62,0 a 63,0	15274	20,9					
63,0 a 64,0	15275	15,8					
64,0 a 65,0	15276	7,9					
65,0 a 66,0	15277	7,8					
66,0 a 67,0	15278	8,1					
67,0 a 68,0	15279	12,3					
68,0 a 69,0	15280	8,8					
69,0 a 70,0	15281	6,1					
70,0 a 71,0	15282	3,0					
71,0 a 72,0	15283	3,0					

Handwritten signature or initials

Cont. Furo: 2148-PM-202-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	15284/75	3,5						
73,0 a 74,0	15285	4,8						
74,0 a 75,0	15286	3,3						
75,0 a 76,0	15287	3,6						
76,0 a 77,0	15288	3,1						
77,0 a 78,0	15289	3,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-203-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15296/75	9,6						
1,0 a 2,0	15297	9,5						
2,0 a 3,0	15298	9,0						
3,0 a 4,0	15299	3,4						
4,0 a 5,0	15300	8,8						
5,0 a 6,0	15301	10,0						
6,0 a 7,0	15302	8,3						
7,0 a 8,0	15303	7,5						
8,0 a 9,0	15304	8,1						
9,0 a 10,0	15305	10,1						
10,0 a 11,0	15306	9,0						
11,0 a 12,0	15307	8,4						
12,0 a 13,0	15308	11,8						
13,0 a 14,0	15309	3,2						
14,0 a 15,0	15310	5,8						
15,0 a 16,0	15311	7,3						
16,0 a 17,0	15312	5,4						
17,0 a 18,0	15313	4,5						

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Cont. Furo: 2148-PM-203-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15314/75	4,4						
19,0 a 20,0	15315	4,1						
20,0 a 21,0	15316	4,3						
21,0 a 22,0	15317	2,7						
22,0 a 23,0	15318	5,2						
23,0 a 24,0	15319	4,3						
24,0 a 25,0	15320	2,6						
25,0 a 26,0	15321	5,0						
26,0 a 27,0	15322	5,9						
27,0 a 28,0	15323	4,1						
28,0 a 29,0	15324	6,5						
29,0 a 30,0	15325	6,4						
30,0 a 31,0	15326	6,0						
31,0 a 32,0	15327	6,0						
32,0 a 33,0	15328	3,5						
33,0 a 34,0	15329	3,9						
34,0 a 35,0	15330	5,5						
35,0 a 36,0	15331	6,8						
36,0 a 37,0	15332	3,3						
37,0 a 38,0	15333	5,7						
38,0 a 39,0	15334	3,0						
39,0 a 40,15	15335	3,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-204-MG

OBSERVAÇÃO: De 29 a 30 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15337/75	4,4						
1,0 a 2,0	15338	2,0						
2,0 a 3,0	15339	2,5						
3,0 a 4,0	15340	3,6						
4,0 a 5,0	15341	2,4						
5,0 a 6,0	15342	3,2						
6,0 a 7,0	15343	13,0						
7,0 a 8,0	15344	12,5						
8,0 a 9,0	15345	16,1						
9,0 a 10,0	15346	19,9						
10,0 a 11,0	15347	16,1						
11,0 a 12,0	15348	13,4						
12,0 a 13,0	15349	16,4						
13,0 a 14,0	15350	8,3						
14,0 a 15,0	15351	9,8						
15,0 a 16,0	15352	14,5						
16,0 a 17,0	15353	14,1						
17,0 a 18,0	15354	16,4						

QW

Cont. Furo: 2148-PM-204-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	15355/75	20,3					
19,0 a 20,0	15356	13,2					
20,0 a 21,0	15357	17,7					
21,0 a 22,0	15358	18,5					
22,0 a 23,0	15359	20,3					
23,0 a 24,0	15360	19,8					
24,0 a 25,0	15361	18,2					
25,0 a 26,0	15362	19,2					
26,0 a 27,0	15363	21,3					
27,0 a 28,0	15364	23,0					
28,0 a 29,0	15365	24,1					
30,0 a 31,0	15366	19,0					
31,0 a 32,0	15367	16,7					
32,0 a 33,0	15368	18,2					
33,0 a 34,0	15369	18,7					
34,0 a 35,0	15370	17,0					
35,0 a 36,0	15371	17,0					
36,0 a 37,0	15372	17,0					
37,0 a 38,0	15373	9,2					
38,0 a 39,0	15374	7,7					
39,0 a 40,0	15375	7,5					

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-205-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15378/75	0,9						
1,0 a 2,0	15379	0,8						
2,0 a 3,0	15380	0,8						
3,0 a 4,0	15381	0,9						
4,0 a 5,0	15382	0,8						
5,0 a 6,0	15383	1,1						
6,0 a 7,0	15384	1,7						
7,0 a 8,0	15385	2,9						
8,0 a 9,0	15386	3,9						
9,0 a 10,0	15387	3,9						
10,0 a 11,0	15388	4,5						
11,0 a 12,0	15389	6,0						
12,0 a 13,0	15390	4,4						
13,0 a 14,0	15391	4,1						
14,0 a 15,0	15392	3,9						
15,0 a 16,0	15393	4,5						
16,0 a 17,0	15394	4,5						
17,0 a 18,0	15395	4,7						

Cont. Furo: 2148-PM-205-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15396/75	4,5						
19,0 a 20,0	15397	5,0						
20,0 a 21,0	15398	4,7						
21,0 a 22,0	15399	4,4						
22,0 a 23,0	15400	5,2						
23,0 a 24,0	15401	4,0						
24,0 a 25,0	15402	4,4						
25,0 a 26,0	15403	4,0						
26,0 a 27,0	15404	4,4						
27,0 a 28,0	15405	5,2						
28,0 a 29,0	15406	2,9						
29,0 a 30,0	15407	3,2						
30,0 a 31,0	15408	3,3						
31,0 a 32,0	15409	3,6						
32,0 a 33,0	15410	4,4						
33,0 a 34,0	15411	4,2						
34,0 a 35,0	15412	3,4						
35,0 a 36,0	15413	3,9						
36,0 a 37,0	15414	3,5						
37,0 a 38,0	15415	4,8						
38,0 a 39,0	15416	4,8						
39,0 a 40,0	15417	4,7						
40,0 a 41,0	15418	3,8						
41,0 a 42,0	15419	4,0						
42,0 a 43,0	15420	5,2						
43,0 a 44,0	15421	4,3						
44,0 a 45,0	15422	5,0						

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Cont. Furo: 2148-PM-205-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	15423/75	4,8						
46,0 a 47,0	15424	4,2						
47,0 a 48,0	15425	7,8						
48,0 a 49,0	15426	5,9						
49,0 a 50,0	15427	5,1						
50,0 a 51,25	15428	4,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-206-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15475/75	12,0						
1,0 a 2,0	15476	6,4						
2,0 a 3,0	15477	13,2						
3,0 a 4,0	15478	10,0						
4,0 a 5,0	15479	11,7						
5,0 a 6,0	15480	13,9						
6,0 a 7,0	15481	14,0						
7,0 a 8,0	15482	7,2						
8,0 a 9,0	15483	8,5						
9,0 a 10,0	15484	5,2						
10,0 a 11,0	15485	5,2						
11,0 a 12,0	15486	5,6						
12,0 a 13,0	15487	5,4						
13,0 a 14,0	15488	5,2						
14,0 a 15,0	15489	3,8						
15,0 a 16,0	15490	4,6						
16,0 a 17,0	15491	5,1						
17,0 a 18,0	15492	4,5						

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Cont. Furo: 2148-PM-206-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15493/75	4,1						
19,0 a 20,0	15494	6,2						
20,0 a 21,0	15495	4,9						
21,0 a 22,0	15496	4,9						
22,0 a 23,0	15497	3,6						
23,0 a 24,0	15498	2,9						
24,0 a 25,0	15499	3,7						
25,0 a 26,0	15500	4,7						
26,0 a 27,0	15501	5,9						
27,0 a 28,0	15502	4,7						
28,0 a 29,0	15503	2,9						
29,0a 30,0	15504	5,1						
30,0 a 31,0	15505	4,5						
31,0 a 32,0	15506	3,6						
32,0 a 33,0	15507	4,6						
33,0 a 34,0	15508	4,4						
34,0 a 35,0	15509	4,0						
35,0 a 36,0	15510	2,6						
36,0 a 37,0	15511	4,9						
37,0 a 38,0	15512	7,4						
38,0 a 39,0	15513	6,9						
39,0 a 40,0	15514	6,0						
40,0 a 41,0	15515	5,5						
41,0 a 42,0	15516	6,3						
42,0 a 43,0	15517	6,3						
43,0 a 44,0	15518	5,4						
44,0 a 45,0	15519	4,1						

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Cont. Furo: 2148-PM-206-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	15520/75	9,8						
46,0 a 47,0	15521	13,3						
47,0 a 48,0	15522	12,9						
48,0 a 49,0	15523	13,7						
49,0 a 50,0	15524	11,9						
50,0 a 51,0	15525	12,5						
51,0 a 52,0	15526	8,3						
52,0 a 53,0	15527	8,0						
53,0 a 54,0	15528	9,2						
54,0 a 55,0	15529	12,7						
55,0 a 56,0	15530	9,2						
56,0 a 57,0	15531	14,2						
57,0 a 58,0	15532	9,6						
58,0 a 59,0	15533	16,5						
59,0 a 60,0	15534	8,5						
60,0 a 61,0	15535	12,2						
61,0 a 62,0	15536	11,9						
62,0 a 63,0	15537	6,3						
63,0 a 64,0	15538	14,0						
64,0 a 65,0	15539	9,2						
65,0 a 66,0	15540	5,0						
66,0 a 67,0	15541	7,0						
67,0 a 68,0	15542	7,7						
68,0 a 69,0	15543	12,1						
69,0 a 70,0	15544	16,2						
70,0 a 71,0	15545	14,4						
71,0 a 72,0	15546	13,3						
72,0 a 73,0	15547	30,7						

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Cont. Furo: 2148-PM-206-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
73,0 a 74,0	15548/75	34,2						
74,0 a 75,0	15549	20,0						
75,0 a 76,0	15550	9,4						
76,0 a 77,0	15551	15,0						
77,0 a 78,0	15552	8,1						
78,0 a 79,0	15553	7,0						
79,0 a 80,0	15554	4,9						
80,0 a 80,80	15555	7,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-207-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15563/75	4,2						
1,0 a 2,0	15564	3,7						
2,0 a 3,0	15565	6,8						
3,0 a 4,0	15566	6,5						
4,0 a 5,0	15567	8,4						
5,0 a 6,0	15568	7,5						
6,0 a 7,0	15569	6,7						
7,0 a 8,0	15570	8,6						
8,0 a 9,0	15571	9,3						
9,0 a 10,0	15572	6,9						
10,0 a 11,0	15573	8,7						
11,0 a 12,0	15574	9,0						
12,0 a 13,0	15575	8,7						
13,0 a 14,0	15576	9,1						
14,0 a 15,0	15577	9,2						
15,0 a 16,0	15578	8,7						
16,0 a 17,0	15579	8,3						
17,0 a 18,0	15580	8,2						

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Cont. Furo: 2148-PM-207-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15581/75	8,4						
19,0 a 20,0	15582	9,2						
20,0 a 21,0	15583	8,4						
21,0 a 22,0	15584	8,3						
22,0 a 23,0	15585	9,2						
23,0 a 24,0	15586	11,7						
24,0 a 25,0	15587	9,0						
25,0 a 26,0	15588	7,2						
26,0 a 27,0	15589	7,3						
27,0 a 28,0	15590	9,1						
28,0 a 29,0	15591	14,0						
29,0 a 30,0	15592	16,9						
30,0 a 31,0	15593	14,0						
31,0 a 32,0	15594	15,0						
32,0 a 33,0	15595	14,2						
33,0 a 34,0	15596	8,8						
34,0 a 35,0	15597	9,7						
35,0 a 36,0	15598	8,2						
36,0 a 37,0	15599	11,5						
37,0 a 38,0	15600	13,8						
38,0 a 39,0	15601	15,0						
39,0 a 40,0	15602	14,0						
40,0 a 41,0	15603	12,9						
41,0 a 42,0	15604	12,5						
42,0 a 43,0	15605	13,1						
43,0 a 44,1	15606	6,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-208-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15611/75	4,7						
1,0 a 2,0	15612	4,8						
2,0 a 3,0	15613	5,5						
3,0 a 4,0	15614	4,2						
4,0 a 5,0	15615	4,5						
5,0 a 6,0	15616	6,0						
6,0 a 7,0	15617	5,8						
7,0 a 8,0	15618	4,4						
8,0 a 9,0	15619	6,0						
9,0 a 10,0	15620	6,4						
10,0 a 11,0	15621	6,6						
11,0 a 12,0	15622	4,2						
12,0 a 13,0	15623	4,2						
13,0 a 14,0	15624	3,9						
14,0 a 15,0	15625	4,5						
15,0 a 16,0	15626	3,2						
16,0 a 17,0	15627	3,5						
17,0 a 18,0	15628	4,9						

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Cont. Furo: 2148-PM-208-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15629/75	3,6						
19,0 a 20,0	15630	4,4						
20,0 a 21,0	15631	3,7						
21,0 a 22,0	15632	4,5						
22,0 a 23,0	15633	5,3						
23,0 a 24,0	15634	6,0						
24,0 a 25,0	15635	5,0						
25,0 a 26,0	15636	6,6						
26,0 a 27,0	15637	5,2						
27,0 a 28,0	15638	4,8						
28,0 a 29,0	15639	4,5						
29,0 a 30,0	15640	6,7						
30,0 a 31,0	15641	4,0						
31,0 a 32,0	15642	11,9						
32,0 a 33,0	15643	5,1						
33,0 a 34,0	15644	6,1						
34,0 a 35,0	15645	7,2						
35,0 a 36,0	15646	5,0						
36,0 a 37,0	15647	5,9						
37,0 a 38,0	15648	3,8						
38,0 a 39,0	15649	4,4						
39,0 a 40,10	15950	7,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-209-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15865/75	3,3						
1,0 a 2,0	15866	3,5						
2,0 a 3,0	15867	1,5						
3,0 a 4,0	15868	1,3						
4,0 a 5,0	15869	1,2						
5,0 a 6,0	15870	1,8						
6,0 a 7,0	15871	1,4						
7,0 a 8,0	15872	1,1						
8,0 a 9,0	15873	1,2						
9,0 a 10,0	15874	1,1						
10,0 a 11,0	15875	1,0						
11,0 a 12,0	15876	0,9						
12,0 a 13,0	15877	1,0						
13,0 a 14,0	15878	3,1						
14,0 a 15,0	15879	5,2						
15,0 a 16,0	15880	5,5						
16,0 a 17,0	15881	3,7						
17,0 a 18,0	15882	6,6						

gm

Cont. Furo: 2148-PM-209-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15883/75	6,8						
19,0 a 20,0	15884	6,6						
20,0 a 21,0	15885	7,0						
21,0 a 22,0	15886	5,6						
22,0 a 23,0	15887	6,6						
23,0 a 24,0	15888	9,2						
24,0 a 25,0	15889	6,0						
25,0 a 26,0	15890	6,2						
26,0 a 27,0	15891	6,4						
27,0 a 28,0	15892	5,6						
28,0 a 29,0	15893	6,8						
29,0a 30,0	15894	6,3						
30,0 a 31,0	15895	6,9						
31,0 a 32,0	15896	6,9						
32,0 a 33,0	15897	6,0						
33,0 a 34,0	15898	5,7						
34,0 a 35,0	15899	4,9						
35,0 a 36,0	15900	7,6						
36,0 a 37,0	15901	7,0						
37,0 a 38,0	15902	7,3						
38,0 a 39,0	15903	5,1						
39,0 a 40,0	15904	6,7						
40,0a 41,0	15905	9,0						
41,0 a 42,0	15906	5,8						
42,0 a 43,0	15907	7,1						
43,0 a 44,0	15908	6,9						
44,0 a 45,0	15909	6,6						
45,0 a 46,0	15910	6,6						

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Cont. Furo: 2148-PM-209-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	15911/75	4,9						
47,0 a 48,0	15912	4,6						
48,0 a 49,0	15913	9,4						
49,0 a 50,0	15914	4,9						
50,0 a 51,0	15915	7,9						
51,0 a 52,0	15916	8,4						
52,0 a 53,0	15917	6,8						
53,0 a 54,0	15918	5,7						
54,0 a 55,0	15919	5,9						
55,0 a 55,85	15920	5,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-210-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15925/75	16,6						
1,0 a 2,0	15926	15,0						
2,0 a 3,0	15927	16,1						
3,0 a 4,0	15928	14,0						
4,0 a 5,0	15929	9,1						
5,0 a 6,0	15930	9,6						
6,0 a 7,0	15931	14,6						
7,0 a 8,0	15932	14,3						
8,0 a 9,0	15933	9,7						
9,0 a 10,0	15934	15,0						
10,0 a 11,0	15935	13,7						
11,0 a 12,0	15936	12,1						
12,0 a 13,0	15937	16,9						
13,0 a 14,0	15938	6,0						
14,0 a 15,0	15939	1,7						
15,0 a 16,0	15940	12,1						
16,0 a 17,0	15941	9,9						

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Cont. Furo: 2148-PM-210-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	15942/75	8,7						
18,0 a 19,0	15943	6,3						
19,0 a 20,0	15944	13,3						
20,0 a 21,0	15945	12,5						
21,0 a 22,0	15946	8,5						
22,0 a 23,0	15947	9,0						
23,0 a 24,0	15948	9,1						
24,0 a 25,0	15949	8,4						
25,0 a 26,0	15950	8,4						
26,0 a 27,0	15951	5,4						
27,0 a 28,0	15952	6,1						
28,0 a 29,0	15953	4,7						
29,0 a 30,0	15954	6,9						
30,0 a 31,0	15955	4,6						
31,0 a 32,0	15956	3,7						
32,0 a 33,0	15957	4,7						
33,0 a 34,0	15958	5,9						
34,0 a 35,0	15959	8,1						
35,0 a 36,0	15960	7,4						
36,0 a 37,0	15961	11,6						
37,0 a 38,0	15962	7,0						
38,0 a 39,0	15963	7,2						
39,0 a 40,0	15964	9,9						
40,0 a 41,0	15965	9,1						
41,0 a 42,0	15966	8,1						
42,0 a 43,0	15967	3,4						
43,0 a 44,0	15968	5,1						

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Cont. Furo: 2148-PM-210-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
44,0 a 45,0	15969/75	7,3						
45,0 a 46,0	15970	6,7						
46,0 a 47,0	15971	12,5						
47,0 a 48,0	15972	8,6						
48,0 a 49,0	15973	6,0						
49,0 a 50,70	15974	1,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-211-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15653/75	1,5						
1,0 a 2,0	15654	1,0						
2,0 a 3,0	15655	1,1						
3,0 a 4,0	15656	1,0						
4,0 a 5,0	15657	1,0						
5,0 a 6,0	15658	1,0						
6,0 a 7,0	15659	2,4						
7,0 a 8,0	15660	2,2						
8,0 a 9,0	15661	2,1						
9,0 a 10,0	15662	2,7						
10,0 a 11,0	15663	3,1						
11,0 a 12,0	15664	2,7						
12,0 a 13,0	15665	2,4						
13,0 a 14,0	15666	1,9						
14,0 a 15,0	15667	2,5						
15,0 a 16,0	15668	2,7						
16,0 a 17,0	15669	2,5						
17,0 a 18,0	15670	2,2						

84

Cont. Furo: 2148-PM-211-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15671/75	1,5						
19,0 a 20,0	15672	1,4						
20,0 a 21,0	15673	0,9						
21,0 a 22,0	15674	0,8						
22,0 a 23,0	15675	0,6						
23,0 a 24,0	15676	0,6						
24,0 a 25,0	15677	0,6						
25,0 a 26,0	15678	0,5						
26,0 a 27,0	15679	0,6						
27,0 a 28,0	15680	0,6						
28,0 a 29,0	15681	0,6						
29,0 a 30,0	15682	0,5						
30,0 a 31,0	15683	0,5						
31,0 a 32,0	15684	0,6						
32,0 a 33,0	15685	0,5						
33,0 a 34,0	15686	0,5						
34,0 a 35,0	15687	0,6						
35,0 a 36,0	15688	0,5						
36,0 a 37,0	15689	0,6						
37,0 a 38,0	15690	0,5						
38,0 a 39,0	15691	0,5						
39,0 a 40,0	15692	0,5						
40,0 a 41,0	15693	5,9						
41,0 a 42,0	15694	6,4						
42,0 a 43,0	15695	4,6						
43,0 a 44,0	15696	4,3						
44,0 a 45,0	15697	1,9						

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Cont. Furo: 2148-PM-211-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	15698/75	3,6						
46,0 a 47,0	15699	2,2						
47,0 a 48,0	15700	23,2						
48,0 a 48,75	15701	0,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-212-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15706/75	4,5						
1,0 a 2,0	15707	4,5						
2,0 a 3,0	15708	4,5						
3,0 a 4,0	15709	4,4						
4,0 a 5,0	15710	4,8						
5,0 a 6,0	15711	4,9						
6,0 a 7,0	15712	6,5						
7,0 a 8,0	15713	9,8						
8,0 a 9,0	15714	9,0						
9,0 a 10,0	15715	9,1						
10,0 a 11,0	15716	12,9						
11,0 a 12,0	15717	8,6						
12,0 a 13,0	15718	8,5						
13,0 a 14,0	15719	7,6						
14,0 a 15,0	15720	13,0						
15,0 a 16,0	15721	9,1						
16,0 a 17,0	15722	7,2						
17,0 a 18,0	15723	8,5						

pl

Cont. Furo: 2148-PM-212-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15724/75	8,7						
19,0 a 20,0	15725	9,0						
20,0 a 21,0	15726	7,0						
21,0 a 22,0	15727	7,1						
22,0 a 23,0	15728	5,8						
23,0 a 24,0	15729	4,9						
24,0 a 25,0	15730	5,4						
25,0 a 26,0	15731	5,6						
26,0 a 27,0	15732	6,0						
27,0 a 28,0	15733	6,3						
28,0 a 29,0	15734	5,3						
29,0 a 30,0	15735	5,2						
30,0 a 31,0	15736	6,8						
31,0 a 32,0	15737	6,7						
32,0 a 33,0	15738	3,2						
33,0 a 34,0	15739	4,4						
34,0 a 35,0	15740	2,7						
35,0 a 36,0	15741	4,2						
36,0 a 37,0	15742	8,6						
37,0 a 38,0	15743	10,0						
38,0 a 39,0	15744	4,9						
39,0 a 40,10	15745	4,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-213-MG

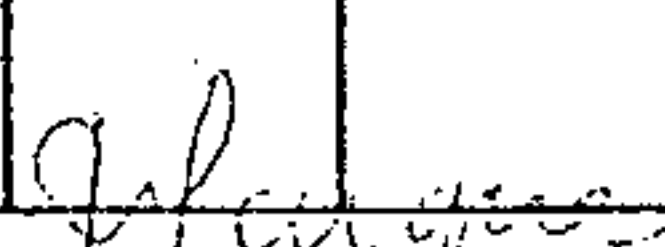
OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15749/75	6,1						
1,0 a 2,0	15750	8,2						
2,0 a 3,0	15751	5,8						
3,0 a 4,0	15752	7,8						
4,0 a 5,0	15753	6,8						
5,0 a 6,0	15754	4,8						
6,0 a 7,0	15755	8,3						
7,0 a 8,0	15756	7,9						
8,0 a 9,0	15757	7,9						
9,0 a 10,0	15758	6,9						
10,0 a 11,0	15759	6,7						
11,0 a 12,0	15760	8,1						
12,0 a 13,0	15761	9,6						
13,0 a 14,0	15762	6,1						
14,0 a 15,0	15763	7,4						
15,0 a 16,0	15764	6,1						
16,0 a 17,0	15765	7,9						
17,0 a 18,0	15766	7,4						

M

Cont. Furo: 2148-PM-213-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15767/75	11,9						
19,0 a 20,0	15768	8,4						
20,0 a 21,0	15769	8,4						
21,0 a 22,0	15770	12,5						
22,0 a 23,0	15771	11,8						
23,0 a 24,0	15772	11,8						
24,0 a 25,0	15773	13,5						
25,0 a 26,0	15774	12,5						
26,0 a 27,0	15775	3,8						
27,0 a 28,20	15776	3,5						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-214-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15779/75	9,2						
1,0 a 2,0	15780	6,9						
2,0 a 3,0	15781	5,4						
3,0 a 4,0	15782	6,1						
4,0 a 5,0	15783	5,3						
5,0 a 6,0	15784	5,2						
6,0 a 7,0	15785	4,2						
7,0 a 8,0	15786	4,3						
8,0 a 9,0	15787	4,1						
9,0 a 10,0	15788	3,0						
10,0 a 11,0	15789	3,2						
11,0 a 12,0	15790	2,6						
12,0 a 13,0	15791	2,8						
13,0 a 14,0	15792	2,6						
14,0 a 15,0	15793	2,2						
15,0 a 16,0	15794	3,8						
16,0 a 17,0	15795	3,2						

84

Cont. Furo: 2148-PM-214-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	15796/75	3,7						
18,0 a 19,0	15797	4,7						
19,0 a 20,0	15798	4,5						
20,0 a 21,0	15799	4,9						
21,0 a 22,0	15800	4,9						
22,0 a 23,0	15801	5,4						
23,0 a 24,0	15802	6,4						
24,0 a 25,0	15803	5,9						
25,0 a 26,0	15804	5,3						
26,0 a 27,0	15805	5,4						
27,0 a 28,0	15806	1,9						
28,0 a 29,0	15807	8,8						
29,0 a 30,0	15808	4,1						
30,0 a 31,0	15809	9,4						
31,0 a 32,0	15810	7,6						
32,0 a 33,0	15811	18,6						
33,0 a 34,0	15812	14,2						
34,0 a 35,0	15813	9,5						
35,0 a 36,0	15814	7,7						
36,0 a 37,0	15815	8,9						
37,0 a 38,0	15816	13,7						
38,0 a 39,0	15817	14,4						
39,0 a 40,0	15818	5,4						
40,0 a 40,7	15819	3,0						

Patricia de Pauja Marques
 PATRÍCIA DE PAUJA MARQUES
 Química - CRQ 532-S
 Responsável pelo Setor de
 Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-215-MG

OBSERVAÇÃO: De 35 a 36 sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15979/75	8,5						
1,0 a 2,0	15980	7,5						
2,0 a 3,0	15981	12,3						
3,0 a 4,0	15982	6,2						
4,0 a 5,0	15983	8,0						
5,0 a 6,0	15984	9,6						
6,0 a 7,0	15985	5,7						
7,0 a 8,0	15986	6,7						
8,0 a 9,0	15987	5,4						
9,0 a 10,0	15988	7,2						
10,0 a 11,0	15989	7,1						
11,0 a 12,0	15990	9,8						
12,0 a 13,0	15991	14,6						
13,0 a 14,0	15992	7,9						
14,0 a 15,0	15993	9,0						
15,0 a 16,0	15994	13,4						
16,0 a 17,0	15995	12,0						
17,0 a 18,0	15996	13,9						

gr

Cont. Furo: 2148-PM-215-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	15997/75	6,5						
19,0 a 20,0	15998	5,0						
20,0 a 21,0	15999	8,4						
21,0 a 22,0	16000	8,9						
22,0 a 23,0	16001	4,1						
23,0 a 24,0	16002	8,6						
24,0 a 25,0	16003	14,5						
25,0 a 26,0	16004	11,6						
26,0 a 27,0	16005	14,6						
27,0 a 28,0	16006	14,4						
28,0 a 29,0	16007	13,7						
29,0 a 30,0	16008	12,8						
30,0 a 31,0	16009	15,0						
31,0 a 32,0	16010	15,1						
32,0 a 33,0	16011	12,5						
33,0 a 34,0	16012	11,9						
34,0 a 35,0	16013	15,4						
36,0 a 37,0	16014	12,9						
37,0 a 38,0	16015	13,5						
38,0 a 39,0	16016	12,6						
39,0 a 40,0	16017	8,4						
40,0 a 41,0	16018	6,1						
41,0 a 42,60	16019	4,4						

Patricia de Padua
 PATRÍCIA DE PADUA/MARQUE
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-216-MG

OBSERVAÇÃO: De 18 a 19m sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16024/75	3,4						
1,0 a 2,0	16025	3,5						
2,0 a 3,0	16026	8,0						
3,0 a 4,0	16027	12,6						
4,0 a 5,0	16028	15,6						
5,0 a 6,0	16029	17,0						
6,0 a 7,0	16030	19,9						
7,0 a 8,0	16031	18,0						
8,0 a 9,0	16032	14,6						
9,0 a 10,0	16033	15,4						
10,0 a 11,0	16034	16,9						
11,0 a 12,0	16035	20,0						
12,0 a 13,0	16036	20,1						
13,0 a 14,0	16037	17,3						
14,0 a 15,0	16038	17,7						
15,0 a 16,0	16039	13,1						
16,0 a 17,0	16040	16,5						

fy

Cont. Furo: 2148-PM-216-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	16041/75	13,9						
19,0 a 20,0	16042	12,4						
20,0 a 21,0	16043	8,9						
21,0 a 22,0	16044	8,3						
22,0 a 23,0	16045	9,3						
23,0 a 24,0	16046	9,4						
24,0 a 25,0	16047	4,1						
25,0 a 26,0	16048	3,1						
26,0 a 27,0	16049	4,3						
27,0 a 28,0	16050	5,8						

P. Marques
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 Minérios da SAGLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-217-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16053/75	5,6						
1,0 a 2,0	16054	4,3						
2,0 a 3,0	16055	2,8						
3,0 a 4,0	16056	2,9						
4,0 a 5,0	16057	3,0						
5,0 a 6,0	16058	3,0						
6,0 a 7,0	16059	3,6						
7,0 a 8,0	16060	3,5						
8,0 a 9,0	16061	3,0						
9,0 a 10,0	16062	5,5						
10,0 a 11,0	16063	3,0						
11,0 a 12,0	16064	2,9						
12,0 a 13,0	16065	2,7						
13,0 a 14,0	16066	4,7						
14,0 a 15,0	16067	3,4						
15,0 a 16,0	16068	2,7						
16,0 a 17,0	16069	2,1						
17,0 a 18,0	16070	1,6						

mf

Cont. Furo: 2148-PM-217-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16071/75	2,1						
19,0 a 20,0	16072	2,2						
20,0 a 21,0	16073	2,0						
21,0 a 22,0	16074	2,5						
22,0 a 23,0	16075	1,3						
23,0 a 24,0	16076	2,7						
24,0 a 25,0	16077	1,9						
25,0 a 26,0	16078	1,7						
26,0 a 27,0	16079	1,5						
27,0 a 28,0	16080	3,3						
28,0 a 29,0	16081	3,0						
29,0 a 30,0	16082	1,6						
30,0 a 31,0	16083	1,8						
31,0 a 32,0	16084	1,9						
32,0 a 33,0	16085	2,6						
33,0 a 34,0	16086	2,4						
34,0 a 35,0	16087	3,7						
35,0 a 36,0	16088	2,0						
36,0 a 37,0	16089	4,2						
37,0 a 37,90	16090	6,7						

Patricia de Padua Marques
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 Química - CRQ 532-8
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 Minérios da SCL ATJ

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-218-MG

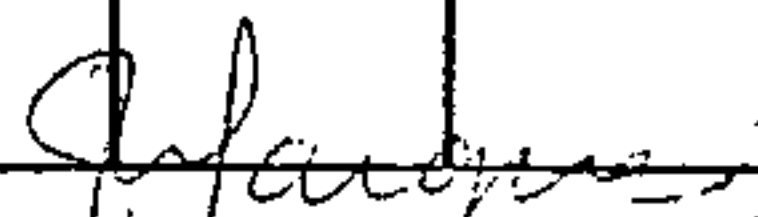
OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16093/75	2,6						
1,0 a 2,0	16094	2,4						
2,0 a 3,0	16095	2,5						
3,0 a 4,0	16096	3,0						
4,0 a 5,0	16097	3,1						
5,0 a 6,0	16098	3,2						
6,0 a 7,0	16099	3,5						
7,0 a 8,0	16100	4,1						
8,0 a 9,0	16101	4,3						
9,0 a 10,0	16102	2,0						
10,0 a 11,0	16103	3,9						
11,0 a 12,0	16104	4,2						
12,0 a 13,0	16105	5,3						
13,0 a 14,0	16106	5,1						
14,0 a 15,0	16107	5,5						
15,0 a 16,0	16108	4,6						
16,0 a 17,0	16109	5,0						

fm

Cont. Furo: 2148-PM-218-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
17,0 a 18,0	16110/75	6,1					
18,0 a 19,0	16111	5,9					
19,0 a 20,0	16112	6,7					
20,0 a 21,0	16113	6,1					
21,0 a 22,0	16114	5,4					
22,0 a 23,0	16115	5,0					
23,0 a 24,0	16116	4,1					
24,0 a 25,0	16117	4,5					
25,0 a 26,0	16118	4,7					
26,0 a 27,0	16119	4,6					
27,0 a 28,0	16120	4,9					
28,0 a 29,0	16121	4,8					
29,0 a 30,0	16122	5,1					
30,0 a 31,0	16123	5,6					
31,0 a 32,0	16124	4,9					
32,0 a 33,0	16125	5,2					
33,0 a 34,0	16126	4,9					
34,0 a 35,0	16127	4,4					
35,0 a 36,0	16128	4,7					
36,0 a 37,0	16129	4,2					
37,0 a 38,05	16130	3,9					


 PATRÍCIA DE PADUA MARQUES
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-219-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16134/75	2,4						
1,0 a 2,0	16135	2,1						
2,0 a 3,0	16136	1,5						
3,0 a 4,0	16137	3,3						
4,0 a 5,0	16138	4,6						
5,0 a 6,0	16139	3,2						
6,0 a 7,0	16140	1,4						
7,0 a 8,0	16141	4,2						
8,0 a 9,0	16142	8,0						
9,0 a 10,0	16143	7,2						
10,0 a 11,0	16144	4,7						
11,0 a 12,0	16145	9,4						
12,0 a 13,0	16146	7,5						
13,0 a 14,0	16147	16,2						
14,0 a 15,0	16148	15,0						
15,0 a 16,0	16149	8,6						
16,0 a 17,0	16150	8,2						
17,0 a 18,0	16151	7,5						

fy

Cont. Furo: 2148-PM-219-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16152/75	7,0						
19,0 a 20,0	16153	5,9						
20,0 a 21,0	16154	6,0						
21,0 a 22,0	16155	7,6						
22,0 a 23,0	16156	12,4						
23,0 a 24,0	16157	4,9						
24,0 a 25,0	16158	8,3						
25,0 a 26,0	16159	7,0						
26,0 a 27,0	16160	7,6						
27,0 a 28,0	16161	5,7						
28,0 a 29,0	16162	7,1						
29,0 a 30,0	16163	6,5						
30,0 a 31,0	16164	6,7						
31,0 a 31,90	16165	5,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-220-MG

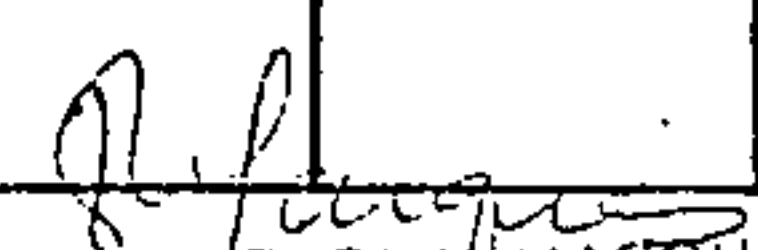
OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16168/75	16,8						
1,0 a 2,0	16169	16,2						
2,0 a 3,0	16170	15,8						
3,0 a 4,0	16171	13,1						
4,0 a 5,0	16172	14,3						
5,0 a 6,0	16173	13,4						
6,0 a 7,0	16174	13,4						
7,0 a 8,0	16175	14,3						
8,0 a 9,0	16176	9,2						
9,0 a 10,0	16177	13,3						
10,0 a 11,0	16178	11,7						
11,0 a 12,0	16179	8,3						
12,0 a 13,0	16180	16,2						
13,0 a 14,0	16181	12,0						
14,0 a 15,0	16182	7,3						
15,0 a 16,0	16183	8,5						
16,0 a 17,0	16184	7,4						
17,0 a 18,0	16185	7,9						

PM

Cont. Furo: 2148-PM-220-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16186/75	12,3						
19,0 a 20,0	16187	13,4						
20,0 a 21,0	16188	13,0						
21,0 a 22,0	16189	16,6						
22,0 a 23,0	16190	16,2						
23,0 a 24,0	16191	16,1						
24,0 a 25,0	16192	16,5						
25,0 a 26,0	16193	19,5						
26,0 a 27,0	16194	19,5						
27,0 a 28,0	16195	18,7						
28,0 a 29,0	16196	19,7						
29,0 a 30,0	16197	15,9						
30,0 a 31,0	16198	17,7						
31,0 a 32,0	16199	17,1						
32,0 a 33,0	16200	17,5						
33,0 a 34,0	16201	20,0						
34,0 a 35,0	16202	22,5						
35,0 a 36,0	16203	22,2						
36,0 a 37,0	16204	21,0						
37,0 a 38,0	16205	18,1						
38,0 a 39,0	16206	14,9						
39,0 a 40,0	16207	16,5						
40,0 a 41,55	16208	8,8						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-221-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16213/75	12,7						
1,0 a 2,0	16214	17,2						
2,0 a 3,0	16215	18,8						
3,0 a 4,0	16216	17,7						
4,0 a 5,0	16217	16,5						
5,0 a 6,0	16218	13,9						
6,0 a 7,0	16219	13,7						
7,0 a 8,0	16220	15,2						
8,0 a 9,0	16221	12,5						
9,0 a 10,0	16222	12,5						
10,0 a 11,0	16223	12,5						
11,0 a 12,0	16224	9,9						
12,0 a 13,0	16225	6,5						
13,0 a 14,0	16226	6,3						
14,0 a 15,0	16227	4,4						
15,0 a 16,0	16228	4,2						
16,0 a 17,0	16229	3,8						
17,0 a 18,0	16230	4,5						

af

Cont. Furo: 2148-PM-221-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16231/75	4,9						
19,0 a 20,0	16232	4,5						
20,0 a 21,0	16233	4,2						
21,0 a 22,0	16234	4,7						
22,0 a 23,0	16235	6,3						
23,0 a 24,0	16236	6,2						
24,0 a 25,0	16237	5,6						
25,0 a 26,0	16238	5,5						
26,0 a 27,0	16239	5,2						
27,0 a 28,0	16240	5,8						
28,0 a 29,0	16241	5,3						
29,0 a 30,0	16242	4,7						
30,0 a 31,0	16243	2,7						
31,0 a 32,0	16244	1,9						
32,0 a 33,0	16245	3,1						
33,0 a 34,60	16246	5,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-222-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16249/75	6,4						
1,0 a 2,0	16250	9,9						
2,0 a 3,0	16251	9,8						
3,0 a 4,0	16252	7,9						
4,0 a 5,0	16253	8,2						
5,0 a 6,0	16254	8,4						
6,0 a 7,0	16255	9,5						
7,0 a 8,0	16256	9,8						
8,0 a 9,0	16257	8,7						
9,0 a 10,0	16258	9,7						
10,0 a 11,0	16259	12,4						
11,0 a 12,0	16260	8,6						
12,0 a 13,0	16261	11,6						
13,0 a 14,0	16262	9,6						
14,0 a 15,0	16263	12,8						
15,0 a 16,0	16264	9,0						
16,0 a 17,0	16265	13,3						
17,0 a 18,0	16266	9,4						

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Cont. Furo: 2148-PM-222-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16267/75	13,0						
19,0 a 20,0	16268	12,4						
20,0 a 21,0	16269	12,0						
21,0 a 22,0	16270	15,6						
22,0 a 23,0	16271	15,6						
23,0 a 24,0	16272	18,0						
24,0 a 25,0	16273	16,5						
25,0 a 26,0	16274	19,1						
26,0 a 27,0	16275	16,9						
27,0 a 28,0	16276	16,7						
28,0 a 29,0	16277	14,2						
29,0 a 30,0	16278	12,5						
30,0 a 31,0	16279	12,3						
31,0 a 32,0	16280	17,2						
32,0 a 33,0	16281	13,2						
33,0 a 34,0	16282	13,5						
34,0 a 35,0	16283	13,7						
35,0 a 36,0	16284	15,7						
36,0 a 37,0	16285	12,5						
37,0 a 38,0	16286	13,3						
38,0 a 39,0	16287	8,5						
39,0 a 40,0	16288	11,9						
40,0 a 41,0	16289	12,7						
41,0 a 42,0	16290	12,3						
42,0 a 43,0	16291	8,4						
43,0 a 44,0	16292	8,5						
44,0 a 45,0	16293	8,1						

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Cont. Furo: 2148-PM-222-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS. (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	16294/75	15,0						
46,0 a 47,30	16295	5,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-223-MG

OBSERVAÇÃO: /

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16432/75	18,5						
1,0 a 2,0	16433	19,5						
2,0 a 3,0	16434	19,1						
3,0 a 4,0	16435	21,7						
4,0 a 5,0	16436	14,3						
5,0 a 6,0	16437	14,0						
6,0 a 7,0	16438	17,4						
7,0 a 8,0	16439	19,4						
8,0 a 9,0	16440	18,9						
9,0 a 10,0	16441	21,6						
10,0 a 11,0	16442	18,4						
11,0 a 12,0	16443	24,8						
12,0 a 13,0	16444	24,9						
13,0 a 14,0	16445	22,8						
14,0 a 15,0	16446	22,8						
15,0 a 16,0	16447	18,6						
16,0 a 17,0	16448	18,6						
17,0 a 18,0	16449	21,3						

Juf

Cont. Furo: 2148-PM-223-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16450/75	21,9						
19,0 a 20,0	16451	23,4						
20,0 a 21,0	16452	25,2						
21,0 a 22,0	16453	22,0						
22,0 a 23,0	16454	19,1						
23,0 a 24,0	16455	22,6						
24,0 a 25,0	16456	22,6						
25,0 a 26,0	16457	23,0						
26,0 a 27,0	16458	19,7						
27,0 a 28,0	16459	23,9						
28,0 a 29,0	16460	23,8						
29,0 a 30,0	16461	21,8						
30,0 a 31,0	16462	20,2						
31,0 a 32,0	16463	21,0						
32,0 a 33,0	16464	19,8						
33,0 a 34,0	16465	12,6						
34,0 a 35,65	16466	8,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-224-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16470/75	13,0						
1,0 a 2,0	16471	8,3						
2,0 a 3,0	16472	7,8						
3,0 a 4,0	16473	14,6						
4,0 a 5,0	16474	13,5						
5,0 a 6,0	16475	13,4						
6,0 a 7,0	16476	12,7						
7,0 a 8,0	16477	13,3						
8,0 a 9,0	16478	5,8						
9,0 a 10,0	16479	3,4						
10,0 a 11,0	16480	4,2						
11,0 a 12,0	16481	3,2						
12,0 a 13,0	16482	4,4						
13,0 a 14,0	16483	5,3						
14,0 a 15,0	16484	3,8						
15,0 a 16,0	16485	4,0						
16,0 a 17,0	16486	4,6						
17,0 a 18,0	16487	4,3						

PM

Cont. Furo: 2148-PM-224-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16488/75	4,4						
19,0 a 20,0	16489	5,0						
20,0 a 21,0	16490	5,0						
21,0 a 22,0	16491	5,2						
22,0 a 23,0	16492	5,0						
23,0 a 24,0	16493	3,8						
24,0 a 25,0	16494	4,3						
25,0 a 26,0	16495	5,4						
26,0 a 27,0	16496	5,7						
27,0 a 28,0	16497	7,7						
28,0 a 29,0	16498	8,3						
29,0 a 30,0	16499	11,7						
30,0 a 31,0	16500	9,8						
31,0 a 32,0	16501	7,7						
32,0 a 33,0	16502	9,2						
33,0 a 34,0	16503	8,9						
34,0 a 35,0	16504	8,8						
35,0 a 36,0	16505	12,9						
36,0 a 37,0	16506	6,6						
37,0 a 38,0	16507	6,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-225-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16509/75	6,6						
1,0 a 2,0	16510	8,1						
2,0 a 3,0	16511	12,6						
3,0 a 4,0	16512	16,2						
4,0 a 5,0	16513	16,1						
5,0 a 6,0	16514	15,6						
6,0 a 7,0	16515	11,6						
7,0 a 8,0	16516	7,7						
8,0 a 9,0	16517	23,0						
9,0 a 10,0	16518	24,7						
10,0 a 11,0	16519	19,5						
11,0 a 12,0	16520	22,2						
12,0 a 13,0	16521	18,7						
13,0 a 14,0	16522	20,0						
14,0 a 15,0	16523	15,5						
15,0 a 16,0	16524	15,6						
16,0 a 17,0	16525	14,3						
17,0 a 18,0	16526	14,9						

P4

Cont. Furo: 2148-PM-225-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16527/75	13,0						
19,0 a 20,0	16528	9,4						
20,0 a 21,0	16529	13,8						
21,0 a 22,0	16530	15,0						
22,0 a 23,0	16531	15,2						
23,0 a 24,0	16532	9,6						
24,0 a 25,0	16533	16,2						
25,0 a 26,0	16534	12,4						
26,0 a 27,0	16535	15,7						
27,0 a 28,0	16536	12,2						
28,0 a 29,10	16537	7,1						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-226-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16540/75	2,4						
1,0 a 2,0	16541	2,4						
2,0 a 3,0	16542	2,1						
3,0 a 4,0	16543	1,7						
4,0 a 5,0	16544	2,2						
5,0 a 6,0	16545	1,7						
6,0 a 7,0	16546	1,9						
7,0 a 8,0	16547	4,8						
8,0 a 9,0	16548	2,3						
9,0 a 10,0	16549	1,4						
10,0 a 11,0	16550	1,8						
11,0 a 12,0	16551	1,4						
12,0 a 13,0	16552	1,4						
13,0 a 14,0	16553	1,1						
14,0 a 15,0	16554	1,0						
15,0 a 16,0	16555	1,1						
16,0 a 17,0	16556	1,2						
17,0 a 18,0	16557	1,1						

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Cont. Furo: 2148-PM-226-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16558/75	1,1						
19,0 a 20,0	16559	0,9						
20,0 a 21,0	16560	0,9						
21,0 a 22,0	16561	1,1						
22,0 a 23,0	16562	1,5						
23,0 a 24,0	16563	1,5						
24,0 a 25,0	16564	1,6						
25,0 a 26,0	16565	1,3						
26,0 a 27,0	16566	1,4						
27,0 a 28,0	16567	1,2						
28,0 a 29,0	16568	1,4						
29,0 a 30,0	16569	1,1						
30,0 a 31,0	16570	1,2						
31,0 a 32,0	16571	1,2						
32,0 a 33,65	16572	1,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-227-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16574/75	8,0						
1,0 a 2,0	16575	8,9						
2,0 a 3,0	16576	7,8						
3,0 a 4,0	16577	16,4						
4,0 a 5,0	16578	15,4						
5,0 a 6,0	16579	7,9						
6,0 a 7,0	16580	11,8						
7,0 a 8,0	16581	17,6						
8,0 a 9,0	16582	17,8						
9,0 a 10,0	16583	14,9						
10,0 a 11,0	16584	16,6						
11,0 a 12,0	16585	18,2						
12,0 a 13,0	16586	18,3						
13,0a 14,0	16587	18,0						
14,0 a 15,0	16588	22,5						
15,0 a 16,0	16589	12,8						
16,0 a 17,0	16590	7,3						
17,0 a 18,0	16591	14,0						

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Cont. Furo: 2148-PM-227-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16592/75	11,6						
19,0 a 20,0	16593	15,0						
20,0a 21,0	16594	15,3						
21,0 a 22,0	16595	14,6						
22,0 a 23,0	16596	13,2						
23,0 a 24,0	16597	18,5						
24,0 a 25,0	16598	13,2						
25,0 a 26,0	16599	14,6						
26,0 a 27,0	16600	14,6						
27,0 a 28,0	16601	9,0						
28,0 a 29,0	16602	6,7						
29,0 a 30,0	16603	6,7						
30,0 a 31,0	16604	7,1						
31,0 a 32,0	16605	8,4						
32,0 a 33,0	16606	7,1						
33,0 a 34,0	16607	6,8						
34,0 a 35,0	16608	8,2						
35,0 a 36,0	16609	7,2						
36,0 a 37,0	16610	8,3						
37,0 a 38,0	16611	6,7						
38,0 a 39,0	16612	6,6						
39,0 a 40,0	16613	7,2						
40,0 a 41,0	16614	7,4						
41,0 a 42,0	16615	8,3						
42,0 a 43,0	16616	8,1						
43,0 a 44,0	16617	9,8						
44,0 a 45,0	16618	7,4						

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Cont. Furo: 2148-PM-227-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	16619/75	6,9						
46,0 a 47,0	16620	7,1						
47,0 a 48,0	16621	9,9						
48,0 a 49,0	16622	8,2						
49,0 a 50,0	16623	8,6						
50,0 a 51,0	16624	6,4						
51,0 a 52,0	16625	6,7						
52,0 a 53,05	16626	4,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-228-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16632/75	15,3						
1,0 a 2,0	16633	14,0						
2,0 a 3,0	16634	15,2						
3,0 a 4,0	16635	13,3						
4,0 a 5,0	16636	11,6						
5,0 a 6,0	16637	8,1						
6,0 a 7,0	16638	14,4						
7,0 a 8,0	16639	8,2						
8,0 a 9,0	16640	5,1						
9,0 a 10,0	16641	8,9						
10,0 a 11,0	16642	9,7						
11,0 a 12,0	16643	21,4						
12,0 a 13,0	16644	19,0						
13,0 a 14,0	16645	18,2						
14,0 a 15,0	16646	19,0						
15,0 a 16,0	16647	18,0						
16,0 a 17,0	16648	17,6						

Suf

Cont. Furo: 2148-PM-228-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	16649/75	18,0						
18,0 a 19,0	16650	17,5						
19,0 a 20,0	16651	20,0						
20,0 a 21,0	16652	20,7						
21,0 a 22,0	16653	18,5						
22,0 a 23,0	16654	18,1						
23,0 a 24,0	16655	20,4						
24,0 a 25,0	16656	18,7						
25,0 a 26,0	16657	20,5						
26,0 a 27,0	16658	19,5						
27,0 a 28,0	16659	19,6						
28,0 a 29,0	16660	21,2						
29,0 a 30,0	16661	20,0						
30,0 a 31,0	16662	19,6						
31,0 a 32,0	16663	20,2						
32,0 a 33,0	16664	16,2						
33,0 a 34,0	16665	16,5						
34,0 a 35,0	16666	19,4						
35,0 a 36,0	16667	19,2						
36,0 a 37,0	16668	15,8						
37,0 a 37,80	16669	8,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-229-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16673/75	17,5						
1,0 a 2,0	16674	14,9						
2,0 a 3,0	16675	15,8						
3,0 a 4,0	16676	14,7						
4,0 a 5,0	16677	11,7						
5,0 a 6,0	16678	12,2						
6,0 a 7,0	16679	13,4						
7,0 a 8,0	16680	13,7						
8,0 a 9,0	16681	13,9						
9,0 a 10,0	16682	14,2						
10,0 a 11,0	16683	9,7						
11,0 a 12,0	16684	5,7						
12,0 a 13,0	16685	6,3						
13,0 a 14,0	16686	3,4						
14,0 a 15,0	16687	6,3						
15,0 a 16,0	16688	4,0						
16,0 a 17,0	16689	2,7						
17,0 a 18,0	16690	3,4						

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Cont. Furo: 2148-PM-229-MG.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	16691/75	4,0					
19,0 a 20,0	16692	6,5					
20,0 a 21,0	16693	3,3					
21,0 a 22,0	16694	3,5					
22,0 a 23,0	16695	4,7					
23,0 a 24,0	16696	4,2					
24,0 a 25,0	16697	6,4					
25,0 a 26,0	16698	5,2					
26,0 a 27,0	16699	12,2					
27,0 a 28,0	16700	6,5					
28,0 a 29,0	16701	2,1					
29,0 a 30,0	16702	3,4					
30,0 a 31,0	16703	3,3					
31,0 a 32,0	16704	3,4					
32,0 a 33,0	16705	2,3					
33,0 a 34,0	16706	1,9					
34,0 a 35,0	16707	3,0					
35,0 a 36,0	16708	4,2					
36,0 a 37,0	16709	3,2					
37,0 a 38,0	16710	2,1					
38,0 a 39,0	16711	2,4					
39,0 a 40,0	16712	1,9					
40,0 a 41,0	16713	1,9					
41,0 a 42,0	16714	1,3					
42,0 a 43,0	16715	1,5					
43,0 a 44,0	16716	1,5					
44,0 a 45,0	16717	1,6					
45,0 a 46,5	16718	1,7					

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-230-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17238/75	2,9						
1,0 a 2,0	17239	3,7						
2,0 a 3,0	17240	3,5						
3,0 a 4,0	17241	4,9						
4,0 a 5,0	17242	5,5						
5,0 a 6,0	17243	6,4						
6,0 a 7,0	17244	13,0						
7,0 a 8,0	17245	10,1						
8,0 a 9,0	17246	9,2						
9,0 a 10,0	17247	5,7						
10,0 a 11,0	17248	2,9						
11,0 a 12,0	17249	5,2						
12,0 a 13,0	17250	3,7						
13,0 a 14,0	17251	7,8						
14,0 a 15,0	17252	12,9						
15,0 a 16,0	17253	8,8						
16,0 a 17,0	17254	2,5						

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Cont. Furo: 2148-PM-230-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	17255/75	3,7						
18,0 a 19,0	17256	4,8						
19,0 a 19,90	17257	3,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-230-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17238/75	2,9						
1,0 a 2,0	17239	3,7						
2,0 a 3,0	17240	3,5						
3,0 a 4,0	17241	4,9						
4,0 a 5,0	17242	5,5						
5,0 a 6,0	17243	6,4						
6,0 a 7,0	17244	13,0						
7,0 a 8,0	17245	10,1						
8,0 a 9,0	17246	9,2						
9,0 a 10,0	17247	5,7						
10,0 a 11,0	17248	2,9						
11,0 a 12,0	17249	5,2						
12,0 a 13,0	17250	3,7						
13,0 a 14,0	17251	7,8						
14,0 a 15,0	17252	12,9						
15,0 a 16,0	17253	8,8						
16,0 a 17,0	17254	2,5						

PM

Cont. Furo: 2148-PM-231-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16402/75	9,5						
19,0 a 20,0	16403	13,4						
20,0 a 21,0	16404	13,9						
21,0 a 22,0	16405	13,0						
22,0 a 23,0	16406	8,1						
23,0 a 24,0	16407	7,9						
24,0 a 25,0	16408	8,3						
25,0 a 26,0	16409	12,6						
26,0 a 27,0	16410	14,0						
27,0 a 28,0	16411	10,0						
28,0 a 29,0	16412	9,7						
29,0 a 30,0	16413	13,7						
30,0 a 31,0	16414	10,0						
31,0 a 32,0	16415	5,6						
32,0 a 33,0	16416	6,1						
33,0 a 34,0	16417	2,4						
34,0 a 35,0	16418	3,5						
35,0 a 36,0	16419	2,6						
36,0 a 27,0	16420	2,3						
37,0 a 38,0	16421	2,5						
38,0 a 39,0	16422	4,5						
39,0 a 40,0	16423	2,9						
40,0 a 41,0	16424	2,3						
41,0 a 42,0	16425	1,6						
42,0 a 43,0	16426	2,3						
43,0 a 44,0	16427	6,6						
44,0 a 45,05	16428	9,8						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-232-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16721/75	3,4						
1,0 a 2,0	16722	2,3						
2,0 a 3,0	16723	3,2						
3,0 a 4,0	16724	3,2						
4,0 a 5,0	16725	2,6						
5,0 a 6,0	16726	3,1						
6,0 a 7,0	16727	3,1						
7,0 a 8,0	16728	3,7						
8,0 a 9,0	16729	4,3						
9,0 a 10,0	16730	2,8						
10,0 a 11,0	16731	3,4						
11,0 a 12,0	16732	3,8						
12,0 a 13,0	16733	3,2						
13,0 a 14,0	16734	3,7						
14,0 a 15,0	16735	2,7						
15,0 a 16,0	16736	2,4						
16,0 a 17,0	16737	7,7						

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Cont. Furc: 2148-PM-232-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	16738/75	7,9						
18,0 a 19,0	16739	16,1						
19,0 a 20,0	16740	12,8						
20,0 a 21,0	16741	13,4						
21,0 a 22,0	16742	12,0						
22,0 a 23,0	16743	5,4						
23,0 a 24,0	16744	15,0						
24,0 a 25,0	16745	17,9						
25,0 a 26,0	16746	16,0						
26,0 a 27,0	16747	13,9						
27,0 a 28,0	16748	17,5						
28,0 a 29,0	16749	16,9						
29,0 a 30,0	16750	16,4						
30,0 a 31,0	16751	13,5						
31,0 a 32,0	16752	12,2						
32,0 a 33,0	16753	13,3						
33,0 a 34,0	16754	19,0						
34,0 a 35,0	16755	12,5						
35,0 a 36,0	16756	13,8						
36,0 a 37,0	16757	13,4						
37,0 a 38,0	16758	15,7						
38,0 a 39,0	16759	14,6						
39,0 a 40,0	16760	13,3						
40,0 a 41,0	16761	12,2						
41,0 a 42,0	16762	14,3						
42,0 a 43,0	16763	12,5						
43,0 a 44,0	16764	12,8						

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Cont. Furo: 2148-PM-232-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
44,0 a 45,0	16765/75	7,3						
45,0 a 46,60	16766	3,9						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-233-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16771/75	4,7						
1,0 a 2,0	16772	5,2						
2,0 a 3,0	16773	4,1						
3,0 a 4,0	16774	3,5						
4,0 a 5,0	16775	3,9						
5,0 a 6,0	16776	4,2						
6,0 a 7,0	16777	5,6						
7,0 a 8,0	16778	3,7						
8,0 a 9,0	16779	3,4						
9,0 a 10,0	16780	5,7						
10,0 a 11,0	16781	3,6						
11,0 a 12,0	16782	4,3						
12,0 a 13,0	16783	3,9						
13,0 a 14,0	16784	3,3						
14,0 a 15,0	16785	4,6						
15,0 a 16,0	16786	4,0						
16,0 a 17,0	16787	4,3						
17,0 a 18,0	16788	3,2						

RF

Cont. Furo: 2148-PM-233-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16789/75	2,0						
19,0 a 20,0	16790	1,4						
20,0 a 21,0	16791	1,4						
21,0a 22,6	16792	1,9						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-234-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16794/75	6,7						
1,0 a 2,0	16795	5,2						
2,0 a 3,0	16796	12,5						
3,0 a 4,0	16797	9,9						
4,0 a 5,0	16798	9,7						
5,0 a 6,0	16799	12,8						
6,0 a 7,0	16800	12,6						
7,0 a 8,0	16801	12,8						
8,0 a 9,0	16802	13,3						
9,0 a 10,0	16803	11,5						
10,0 a 11,0	16804	13,3						
11,0 a 12,0	16805	9,1						
12,0 a 13,0	16806	12,7						
13,0 a 14,0	16807	13,0						
14,0 a 15,0	16808	14,2						
15,0 a 16,0	16809	19,0						
16,0 a 17,0	16810	21,5						
17,0 a 18,0	16811	17,1						

Pm

Cont. Furo: 2148-PM-234-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16812/75	17,7						
19,0 a 20,0	16813	15,6						
20,0 a 21,0	16814	24,9						
21,0 a 22,0	16815	16,8						
22,0 a 23,0	16816	9,8						
23,0 a 24,0	16817	21,5						
24,0 a 25,0	16818	18,6						
25,0 a 26,0	16819	16,3						
26,0 a 27,0	16820	9,8						
27,0 a 28,0	16821	17,2						
28,0 a 29,0	16822	15,4						
29,0 a 30,0	16823	16,2						
30,0 a 31,0	16824	14,9						
31,0 a 32,0	16825	12,0						
32,0 a 33,0	16826	16,3						
33,0 a 34,0	16827	13,3						
34,0 a 35,0	16828	14,9						
35,0 a 36,0	16829	3,7						
36,0 a 37,0	16830	4,5						
37,0 a 38,0	16831	5,0						
38,0 a 39,0	16832	2,8						
39,0 a 40,0	16833	1,9						
40,0 a 41,0	16834	1,4						
41,0 a 42,0	16835	1,2						
42,0 a 43,0	16836	1,1						
43,0 a 44,30	16837	1,5						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-235-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16841/75	5,3						
1,0 a 2,0	16842	7,7						
2,0 a 3,0	16843	8,1						
3,0 a 4,0	16844	9,8						
4,0 a 5,0	16845	13,2						
5,0 a 6,0	16846	6,6						
6,0 a 7,0	16847	13,0						
7,0 a 8,0	16848	6,2						
8,0 a 9,0	16849	6,3						
9,0 a 10,0	16850	7,3						
10,0 a 11,0	16851	9,8						
11,0 a 12,0	16852	14,3						
12,0 a 13,0	16853	12,5						
13,0 a 14,0	16854	10,0						
14,0 a 15,0	16855	13,3						
15,0 a 16,0	16856	11,6						
16,0 a 17,0	16857	11,9						
17,0 a 18,0	16858	12,3						

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Cont. Furo: 2148-PM-235-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16859/75	13,4						
19,0 a 20,0	16860	11,9						
20,0 a 21,0	16861	9,7						
21,0 a 22,0	16862	9,0						
22,0 a 23,0	16863	14,3						
23,0 a 24,0	16864	12,2						
24,0 a 25,0	16865	8,1						
25,0 a 26,0	16866	12,7						
26,0 a 27,0	16867	12,3						
27,0 a 28,0	16868	15,9						
28,0 a 29,0	16869	18,1						
29,0 a 30,0	16870	17,1						
30,0 a 31,0	16871	11,8						
31,0 a 32,0	16872	17,1						
32,0 a 33,0	16873	22,6						
33,0 a 34,0	16874	14,0						
34,0 a 35,0	16875	15,4						
35,0 a 36,0	16876	17,6						
36,0 a 37,0	16877	16,4						
37,0 a 38,0	16878	14,0						
38,0 a 39,0	16879	22,3						
39,0 a 40,0	16880	20,1						
40,0 a 41,0	16881	16,1						
41,0 a 42,0	16882	16,4						
42,0 a 43,0	16883	13,5						
43,0 a 44,0	16884	13,7						
44,0 a 45,0	16885	14,1						
45,0 a 46,0	16886	15,8						

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Cont. Furo: 2148-PM-235-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	16887/75	6,5						
47,0 a 48,0	16888	1,9						
48,0 a 48,95	16889	2,6						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-236-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17130/75	18,6						
1,0 a 2,0	17131	17,5						
2,0 a 3,0	17132	17,1						
3,0 a 4,0	17133	13,2						
4,0 a 5,0	17134	13,8						
5,0 a 6,0	17135	20,1						
6,0 a 7,0	17136	21,1						
7,0 a 8,0	17137	18,3						
8,0 a 9,0	17138	19,4						
9,0 a 10,0	17139	17,8						
10,0 a 11,0	17140	18,5						
11,0 a 12,0	17141	19,4						
12,0 a 13,0	17142	16,0						
13,0 a 14,0	17143	14,5						
14,0 a 15,0	17144	13,9						
15,0 a 16,0	17145	16,9						
16,0 a 17,0	17146	17,6						
17,0 a 18,0	17147	14,3						

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Cont. Furo: 2148-PM-236-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17148/75	17,1						
19,0 a 20,0	17149	18,3						
20,0 a 21,0	17150	8,9						
21,0 a 22,0	17151	15,0						
22,0 a 23,0	17152	9,7						
23,0 a 24,0	17153	13,5						
24,0 a 25,0	17154	11,7						
25,0 a 26,0	17155	9,1						
26,0 a 27,0	17156	14,5						
27,0 a 28,0	17157	12,8						
28,0 a 29,0	17158	16,5						
29,0 a 30,0	17159	17,2						
30,0 a 31,0	17160	9,9						
31,0 a 32,0	17161	13,2						
32,0 a 33,0	17162	20,1						
33,0 a 34,0	17163	15,5						
34,0 a 35,0	17164	15,7						
35,0 a 36,0	17165	16,9						
36,0 a 37,0	17166	9,8						
37,0 a 38,0	17167	11,8						
38,0 a 39,0	17168	13,7						
39,0 a 40,0	17169	14,0						
40,0 a 41,0	17170	15,5						
41,0 a 42,0	17171	13,8						
42,0 a 43,0	17172	15,8						
43,0 a 44,0	17173	14,1						
44,0 a 45,0	17174	16,2						

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Cont. Furo: 2148-PM-236-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
45,0 a 46,0	17175/75	17,6					
46,0 a 47,0	17176	14,6					
47,0 a 48,0	17177	16,9					
48,0 a 49,0	17178	15,6					
49,0 a 50,0	17179	10,0					
50,0 a 51,0	17180	4,2					
51,0 a 52,0	17181	2,5					
52,0 a 52,95	17182	2,5					

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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-237-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE/ LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16893/75	3,1						
1,0 a 2,0	16894	1,9						
2,0 a 3,0	16895	2,2						
3,0 a 4,0	16896	3,2						
4,0 a 5,0	16897	3,8						
5,0 a 6,0	16898	3,4						
6,0 a 7,0	16899	4,5						
7,0 a 8,0	16900	4,9						
8,0 a 9,0	16901	4,3						
9,0 a 10,0	16902	3,2						
10,0 a 11,0	16903	4,6						
11,0 a 12,0	16904	2,9						
12,0 a 13,0	16905	3,2						
13,0 a 14,0	16906	3,1						
14,0 a 15,0	16907	4,3						
15,0 a 16,0	16908	2,8						
16,0 a 17,0	16909	4,1						
17,0 a 18,0	16910	3,6						

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Cont. Furo: 2148-PM-237-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16911/75	4,1						
19,0 a 20,0	16912	3,8						
20,0 a 21,0	16913	2,4						
21,0 a 22,0	16914	3,7						
22,0 a 23,0	16915	5,8						
23,0 a 24,0	16916	5,6						
24,0 a 25,0	16917	5,8						
25,0 a 26,0	16918	5,2						
26,0 a 27,30	16919	6,4						

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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-238-MG

OBSERVAÇÃO: De 46 a 47m sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16922/75	12,9						
1,0 a 2,0	16923	7,7						
2,0 a 3,0	16924	9,6						
3,0 a 4,0	16925	13,7						
4,0 a 5,0	16926	13,4						
5,0 a 6,0	16927	9,1						
6,0 a 7,0	16928	10,1						
7,0 a 8,0	16929	8,1						
8,0 a 9,0	16930	7,5						
9,0 a 10,0	16931	9,8						
10,0 a 11,0	16932	12,5						
11,0 a 12,0	16933	10,1						
12,0 a 13,0	16934	8,1						
13,0 a 14,0	16935	9,5						
14,0 a 15,0	16936	7,3						
15,0 a 16,0	16937	10,1						
16,0 a 17,0	16938	9,1						
17,0 a 18,0	16939	9,6						

84

Cont. Furo: 2148-PM-238-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16940/75	6,1						
19,0 a 20,0	16941	5,5						
20,0 a 21,0	16942	8,4						
21,0 a 22,0	16943	7,7						
22,0 a 23,0	16944	8,1						
23,0 a 24,0	16945	8,6						
24,0 a 25,0	16946	11,9						
25,0 a 26,0	16947	12,4						
26,0 a 27,0	16948	13,8						
27,0 a 28,0	16949	5,2						
28,0 a 29,0	16950	4,0						
29,0 a 30,0	16951	4,3						
30,0 a 31,0	16952	5,3						
31,0 a 32,0	16953	7,0						
32,0 a 33,0	16954	8,0						
33,0 a 34,0	16955	12,1						
34,0 a 35,0	16956	5,3						
35,0 a 36,0	16957	5,3						
36,0 a 37,0	16958	5,4						
37,0 a 38,0	16959	4,2						
38,0 a 39,0	16960	5,0						
39,0 a 40,0	16961	4,3						
40,0 a 41,0	16962	3,7						
41,0 a 42,0	16963	2,5						
42,0 a 43,0	16964	5,5						
43,0 a 44,0	16965	5,9						
44,0 a 45,0	16966	4,4						

84

Cont. Furo: 2148-PM-238-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	16967/75	5,1						
47,0 a 48,0	16968	6,4						
48,0 a 49,40	16969	4,3						

Marques
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-239-MG

OBSERVAÇÃO: De 82 a 84m sem recuperação.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17038/75	15,4						
1,0 a 2,0	17039	18,0						
2,0 a 3,0	17040	17,5						
3,0 a 4,0	17041	21,1						
4,0 a 5,0	17042	22,4						
5,0 a 6,0	17043	24,3						
6,0 a 7,0	17044	19,9						
7,0 a 8,0	17045	17,5						
8,0 a 9,0	17046	16,4						
9,0 a 10,0	17047	18,8						
10,0 a 11,0	17048	18,9						
11,0 a 12,0	17049	16,0						
12,0 a 13,0	17050	20,3						
13,0 a 14,0	17051	19,9						
14,0 a 15,0	17052	16,2						
15,0 a 16,0	17053	17,1						
16,0 a 17,0	17054	17,7						
17,0 a 18,0	17055	19,2						

84

Cont. Furo: 2148-PM-239-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17056/75	18,3						
19,0 a 20,0	17057	14,4						
20,0 a 21,0	17058	15,9						
21,0 a 22,0	17059	18,0						
22,0 a 23,0	17060	19,9						
23,0 a 24,0	17061	17,7						
24,0 a 25,0	17062	15,6						
25,0 a 26,0	17063	15,9						
26,0 a 27,0	17064	15,6						
27,0 a 28,0	17065	12,7						
28,0 a 29,0	17066	16,4						
29,0 a 30,0	17067	15,1						
30,0 a 31,0	17068	17,3						
31,0 a 32,0	17069	16,6						
32,0 a 33,0	17070	6,6						
33,0 a 34,0	17071	4,5						
34,0 a 35,0	17072	8,5						
35,0 a 36,0	17073	17,1						
36,0 a 37,0	17074	15,7						
37,0 a 38,0	17075	16,2						
38,0 a 39,0	17076	16,9						
39,0 a 40,0	17077	14,1						
40,0 a 41,0	17078	15,7						
41,0 a 42,0	17079	15,3						
42,0 a 43,0	17080	16,1						
43,0 a 44,0	17081	12,9						
44,0 a 45,0	17082	17,5						

84

Cont. Furo: 2148-PM-239-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
45,0 a 46,0	17083/75	15,6						
46,0 a 47,0	17084	12,8						
47,0 a 48,0	17085	13,1						
48,0 a 49,0	17086	4,6						
49,0 a 50,0	17087	3,0						
50,0 a 51,0	17088	2,0						
51,0 a 52,0	17089	2,6						
52,0 a 53,0	17090	2,1						
53,0 a 54,0	17091	2,0						
54,0 a 55,0	17092	2,7						
55,0 a 56,0	17093	1,6						
56,0 a 57,0	17094	2,1						
57,0 a 58,0	17095	1,6						
58,0 a 59,0	17096	2,6						
59,0 a 60,0	17097	6,2						
60,0 a 61,0	17098	14,6						
61,0 a 62,0	17099	16,7						
62,0 a 63,0	17100	15,5						
63,0 a 64,0	17101	5,2						
64,0 a 65,0	17102	5,0						
65,0 a 66,0	17103	12,6						
66,0 a 67,0	17104	9,0						
67,0 a 68,0	17105	6,0						
68,0 a 69,0	17106	9,2						
69,0 a 70,0	17107	12,0						
70,0 a 71,0	17108	9,1						
71,0 a 72,0	17109	7,3						

guf

Cont. Furo: 2148-PM-239-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	17110/75	7,0						
73,0 a 74,0	17111	8,5						
74,0 a 75,0	17112	8,9						
75,0 a 76,0	17113	14,8						
76,0 a 77,0	17114	9,4						
77,0 a 78,0	17115	7,9						
78,0 a 79,0	17116	9,6						
79,0 a 80,0	17117	12,1						
80,0 a 81,0	17118	13,6						
81,0 a 82,0	17119	14,9						
84,0 a 85,0	17120	5,3						
85,0 a 86,20	17121	9,1						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-240-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17323/75	9,3						
1,0 a 2,0	17324	5,1						
2,0 a 3,0	17325	5,5						
3,0 a 4,0	17326	5,8						
4,0 a 5,0	17327	15,1						
5,0 a 6,0	17328	14,6						
6,0 a 7,0	17329	9,3						
7,0 a 8,0	17330	20,0						
8,0 a 9,0	17331	19,9						
9,0 a 10,0	17332	16,5						
10,0 a 11,0	17333	14,8						
11,0 a 12,0	17334	9,3						
12,0 a 13,0	17335	14,5						
13,0 a 14,0	17336	13,7						
14,0 a 15,0	17337	16,1						
15,0 a 16,0	17338	18,1						
16,0 a 17,0	17339	17,0						
17,0 a 18,0	17340	18,0						

py

Cont. Furo: 2148-PM-240-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
18,0 a 19,0	17341/75	16,7					
19,0 a 20,0	17342	12,1					
20,0 a 21,0	17343	7,6					
21,0 a 22,0	17344	8,6					
22,0 a 23,0	17345	6,1					
23,0 a 24,0	17346	8,7					
24,0 a 25,0	17347	10,1					
25,0 a 26,0	17348	7,9					
26,0 a 27,0	17349	6,6					
27,0 a 28,0	17350	9,3					
28,0 a 29,0	17351	12,8					
29,0 a 30,0	17352	14,6					
30,0 a 31,0	17353	14,7					
31,0 a 32,0	17354	16,2					
32,0 a 33,0	17355	15,2					
33,0 a 34,0	17356	18,0					
34,0 a 35,0	17357	15,0					
35,0 a 36,0	17358	16,2					
36,0 a 37,0	17359	18,0					
37,0 a 38,0	17360	13,7					
38,0 a 39,0	17361	11,8					
39,0 a 40,0	17362	11,6					
40,0 a 41,0	17363	9,9					
41,0 a 42,0	17364	8,3					
42,0 a 43,0	17365	4,5					
43,0 a 44,0	17366	3,4					
44,0 a 45,0	17367	7,2					

gy

Cont. Furo: 2148-PM-240-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
45,0 a 46,0	17368/75	15,6					
46,0 a 47,0	17369	15,5					
47,0 a 48,0	17370	14,0					
48,0 a 49,0	17371	12,3					
49,0 a 50,0	17372	17,2					
50,0 a 51,0	17373	13,0					
51,0 a 52,0	17374	12,8					
52,0 a 53,0	17375	12,4					
53,0 a 54,0	17376	9,0					
54,0 a 55,0	17377	9,4					
55,0 a 56,0	17378	3,8					
56,0 a 57,0	17379	4,4					
57,0 a 58,0	17380	4,3					
58,0 a 59,0	17381	4,1					
59,0 a 60,0	17382	3,8					
60,0 a 61,0	17383	4,1					
61,0 a 62,0	17384	4,3					
62,0a 63,0	17385	7,0					
63,0 a 64,0	17386	8,0					
64,0 a 65,0	17387	6,0					
65,0 a 66,0	17388	6,2					
66,0 a 67,0	17389	8,0					
67,0 a 68,0	17390	9,4					
68,0 a 69,0	17391	12,7					
69,0 a 70,0	17392	13,5					
70,0a 71,0	17393	7,6					
71,0 a 72,0	17394	9,8					

84

Cont. Furo: 2148-PM-240-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	17395/75	8,1						
73,0 a 74,0	17396	9,5						
74,0 a 75,0	17397	11,8						
75,0 a 76,0	17398	3,9						
76,0 a 77,5	17399	1,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-241-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	16974/75	15,4						
1,0 a 2,0	16975	14,7						
2,0 a 3,0	16976	17,5						
3,0 a 4,0	16977	22,8						
4,0 a 5,0	16978	13,3						
5,0 a 6,0	16979	16,3						
6,0 a 7,0	16980	12,0						
7,0 a 8,0	16981	18,5						
8,0 a 9,0	16982	18,0						
9,0 a 10,0	16983	12,3						
10,0 a 11,0	16984	17,8						
11,0 a 12,0	16985	20,2						
12,0 a 13,0	16986	21,8						
13,0 a 14,0	16987	18,3						
14,0 a 15,0	16988	14,7						
15,0 a 16,0	16989	14,6						
16,0 a 17,0	16990	17,7						
17,0 a 18,0	16991	16,6						

84

Cont. Furo: 2148-PM-241-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	16992/75	19,4						
19,0 a 20,0	16993	18,8						
20,0 a 21,0	16994	20,7						
21,0 a 22,0	16995	12,3						
22,0 a 23,0	16996	15,0						
23,0 a 24,0	16997	13,9						
24,0 a 25,0	16998	13,8						
25,0 a 26,0	16999	17,5						
26,0 a 27,0	17000	16,9						
27,0 a 28,0	17001	20,0						
28,0 a 29,0	17002	17,2						
29,0 a 30,0	17003	15,8						
30,0 a 31,0	17004	12,2						
31,0 a 32,0	17005	18,4						
32,0 a 33,0	17006	20,3						
33,0 a 34,0	17007	16,4						
34,0 a 35,0	17008	17,1						
35,0 a 36,0	17009	19,6						
36,0 a 37,0	17010	12,8						
37,0 a 38,0	17011	19,4						
38,0 a 39,0	17012	15,7						
39,0 a 40,0	17013	7,5						
40,0 a 41,0	17014	15,4						
41,0a 42,0	17015	21,9						
42,0 a 43,0	17016	18,8						
43,0 a 44,0	17017	13,0						
44,0 a 45,0	17018	19,3						
45,0 a 46,0	17019	16,4						

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Cont. Furo: 2148-PM-241-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	17020/75	14,6						
47,0 a 48,0	17021	17,5						
48,0 a 49,0	17022	13,0						
49,0 a 50,0	17023	13,6						
50,0 a 51,0	17024	17,9						
51,0 a 52,0	17025	16,5						
52,0 a 53,0	17026	13,2						
53,0 a 54,0	17027	16,9						
54,0 a 55,0	17028	15,2						
55,0 a 56,0	17029	8,2						
56,0 a 57,0	17030	8,3						
57,0 a 58,0	17031	0,8						
58,0 a 59,05	17032	1,4						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-242-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17188/75	13,6						
1,0 a 2,0	17189	17,3						
2,0 a 3,0	17190	7,3						
3,0 a 4,0	17191	13,8						
4,0 a 5,0	17192	7,5						
5,0 a 6,0	17193	13,9						
6,0 a 7,0	17194	7,4						
7,0 a 8,0	17195	5,2						
8,0 a 9,0	17196	8,9						
9,0 a 10,0	17197	4,5						
10,0 a 11,0	17198	3,3						
11,0 a 12,0	17199	3,5						
12,0 a 13,0	17200	2,5						
13,0 a 14,0	17201	2,4						
14,0 a 15,0	17202	2,1						
15,0 a 16,0	17203	2,4						
16,0 a 17,0	17204	2,0						
17,0 a 18,0	17205	1,7						

84

Cont. Furo: 2148-PM-242-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17206/75	1,2						
19,0 a 20,0	17207	1,1						
20,0 a 21,0	17208	1,2						
21,0 a 22,0	17209	1,3						
22,0 a 23,0	17210	1,1						
23,0 a 24,0	17211	1,2						
24,0 a 25,0	17212	1,4						
25,0 a 26,0	17213	1,5						
26,0 a 27,0	17214	2,0						
27,0 a 28,0	17215	1,3						
28,0 a 29,0	17216	1,3						
29,0 a 30,0	17217	1,1						
30,0 a 31,0	17218	1,3						
31,0 a 32,0	17219	1,1						
32,0 a 33,0	17220	3,0						
33,0 a 34,0	17221	3,4						
34,0 a 35,0	17222	5,2						
35,0 a 36,0	17223	5,5						
36,0 a 37,0	17224	5,9						
37,0 a 38,0	17225	4,5						
38,0 a 39,0	17226	2,0						
39,0 a 40,0	17227	2,1						
40,0 a 41,50	17228	3,9						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-243-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17407/75	11,7						
1,0 a 2,0	17408	6,7						
2,0 a 3,0	17409	8,3						
3,0 a 4,0	17410	7,5						
4,0 a 5,0	17411	14,1						
5,0 a 6,0	17412	18,5						
6,0 a 7,0	17413	16,3						
7,0 a 8,0	17414	17,0						
8,0 a 9,0	17415	13,0						
9,0 a 10,0	17416	15,0						
10,0 a 11,0	17417	13,0						
11,0 a 12,0	17418	12,0						
12,0 a 13,0	17419	11,9						
13,0 a 14,0	17420	11,8						
14,0 a 15,0	17421	13,9						
15,0 a 16,0	17422	13,2						
16,0 a 17,0	17423	12,5						
17,0 a 18,0	17424	4,6						

84

Cont. Furo: 2148-PM-243-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17425/75	3,3						
19,0 a 20,0	17426	4,0						
20,0 a 21,0	17427	2,0						
21,0 a 22,0	17428	4,1						
22,0 a 23,0	17429	4,3						
23,0 a 24,0	17430	7,0						
24,0 a 25,0	17431	15,0						
25,0 a 26,0	17432	17,5						
26,0 a 27,0	17433	18,3						
27,0 a 28,0	17434	22,1						
28,0 a 29,0	17435	22,0						
29,0 a 30,0	17436	15,5						
30,0 a 31,0	17437	13,8						
31,0 a 32,0	17438	9,5						
32,0 a 33,0	17439	7,2						
33,0 a 34,0	17440	8,7						
34,0 a 35,0	17441	9,0						
35,0 a 36,0	17442	8,7						
36,0 a 37,0	17443	7,3						
37,0 a 38,0	17444	12,2						
38,0 a 39,0	17445	12,5						
39,0 a 40,0	17446	12,5						
40,0 a 41,0	17447	8,0						
41,0 a 42,0	17448	13,5						
42,0 a 43,0	17449	12,1						
43,0 a 44,0	17450	14,7						
44,0 a 45,0	17451	3,4						

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Cont. Furo: 148-PM-243-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
45,0 a 46,0	17452/75	4,2						
46,0 a 47,0	17453	5,4						
47,0 a 48,0	17454	5,9						
48,0 a 49,0	17455	4,2						
49,0 a 50,0	17456	4,8						
50,0 a 51,0	17457	5,0						
51,0 a 52,0	17458	8,4						
52,0 a 53,0	17459	11,8						
53,0 a 54,0	17460	12,4						
54,0 a 55,0	17461	12,5						
55,0 a 56,0	17462	5,3						
56,0 a 57,0	17463	4,1						
57,0 a 58,0	17464	4,5						
58,0 a 59,0	17465	2,6						
59,0 a 60,0	17466	2,9						
60,0 a 61,0	17467	4,1						
61,0 a 62,0	17468	1,6						
62,0 a 63,0	17469	0,9						
63,0 a 64,0	17470	0,7						
64,0 a 65,0	17471	1,1						
65,0 a 66,0	17472	1,0						
66,0 a 67,0	17473	1,9						
67,0 a 68,0	17474	0,7						
68,0 a 69,0	17475	0,6						
69,0a 70,0	17476	0,8						
70,0 a 71,0	17477	1,1						
71,0 a 72,0	17478	5,2						

mf

Cont. Furo: 2148-PM-243-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
72,0 a 73,0	17479/75	11,8						
73,0 a 74,0	17480	9,6						
74,0 a 75,0	17481	7,7						
75,0 a 76,0	17482	9,0						
76,0 a 77,0	17483	2,4						
77,0 a 78,0	17484	12,8						
78,0 a 79,0	17485	13,9						
79,0a 80,0	17486	16,5						
80,0 a 81,55	17487	10,0						

Patricia
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-244-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17496/75	15,4						
1,0 a 2,0	17497	3,6						
2,0 a 3,0	17498	5,7						
3,0 a 4,0	17499	11,6						
4,0 a 5,0	17500	9,9						
5,0 a 6,0	17501	9,9						
6,0 a 7,0	17502	13,0						
7,0 a 8,0	17503	4,5						
8,0 a 9,0	17504	4,1						
9,0 a 10,0	17505	3,2						
10,0 a 11,0	17506	3,4						
11,0 a 12,0	17507	3,9						
12,0 a 13,0	17508	2,4						
13,0 a 14,0	17509	3,0						
14,0 a 15,0	17510	3,8						
15,0 a 16,0	17511	3,9						
16,0 a 17,0	17512	3,2						
17,0 a 18,0	17513	3,5						

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Cont. Furo: 2148-PM-244-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17514/75	3,6						
19,0 a 20,0	17515	2,6						
20,0 a 21,0	17516	4,1						
21,0 a 22,0	17517	4,4						
22,0 a 23,0	17518	2,3						
23,0 a 24,0	17519	2,6						
24,0 a 25,0	17520	2,5						
25,0 a 26,0	17521	3,1						
26,0 a 27,0	17522	3,4						
27,0 a 28,0	17523	4,2						
28,0 a 29,0	17524	6,5						
29,0 a 30,0	17525	3,8						
30,0 a 31,0	17526	3,1						
31,0 a 32,0	17527	3,1						
32,0 a 33,0	17528	3,9						
33,0 a 34,0	17529	1,8						
34,0 a 35,0	17530	1,2						
35,0 a 36,0	17531	0,9						
36,0 a 37,20	17532	1,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-245-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17536/75	1,8						
1,0 a 2,0	17537	3,5						
2,0 a 3,0	17538	1,5						
3,0 a 4,0	17539	2,0						
4,0 a 5,0	17540	2,0						
5,0 a 6,0	17541	2,7						
6,0 a 7,0	17542	2,9						
7,0 a 8,0	17543	2,0						
8,0 a 9,0	17544	2,5						
9,0 a 10,0	17545	0,8						
10,0 a 11,0	17546	2,1						
11,0 a 12,0	17547	1,6						
12,0 a 13,0	17548	1,5						
13,0 a 14,0	17549	1,3						
14,0 a 15,0	17550	1,8						
15,0 a 16,0	17551	1,3						
16,0 a 17,0	17552	1,7						
17,0 a 18,0	17553	1,5						

P4

Cont. Furo: 2148-PM-245-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17554/75	1,4						
19,0 a 20,0	17555	1,2						
20,0 a 21,0	17556	1,2						
21,0 a 22,0	17557	1,7						
22,0 a 23,0	17558	1,3						
23,0 a 24,0	17559	1,6						
24,0 a 25,0	17560	1,8						
25,0 a 26,0	17561	1,6						
26,0 a 27,0	17562	2,0						
27,0 a 28,0	17563	3,4						
28,0 a 29,0	17564	1,2						
29,0 a 30,10	17565	1,3						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-246-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A. 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17566/75	2,6						
1,0 a 2,0	17567	2,1						
2,0 a 3,0	17568	3,9						
3,0 a 4,0	17569	4,0						
4,0 a 5,0	17570	5,2						
5,0 a 6,0	17571	6,6						
6,0 a 7,0	17572	3,4						
7,0 a 8,0	17573	3,1						
8,0 a 9,0	17574	3,3						
9,0 a 10,0	17575	3,1						
10,0 a 11,0	17576	2,3						
11,0 a 12,0	17577	4,2						
12,0 a 13,0	17578	4,6						
13,0 a 14,0	17579	4,4						
14,0 a 15,0	17580	6,1						
15,0 a 16,0	17581	4,3						
16,0 a 17,0	17582	4,2						

gr

Cont. Furo: 148-PM-246-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	17583/75	4,1						
18,0 a 19,0	17584	2,9						
19,0 a 20,0	17585	1,7						
20,0 a 21,0	17586	4,8						
21,0 a 22,0	17587	5,5						
22,0 a 23,0	17588	4,4						
23,0 a 24,0	17589	3,0						
24,0 a 25,0	17590	2,7						
25,0 a 26,0	17591	4,4						
26,0 a 27,0	17592	4,7						
27,0 a 28,0	17593	3,3						
28,0 a 29,0	17594	3,7						
29,0 a 30,0	17595	3,5						
30,0 a 31,0	17596	2,2						
31,0 a 32,0	17597	1,8						
32,0 a 33,0	17598	2,2						
33,0 a 34,0	17599	5,8						
34,0 a 35,0	17600	2,8						
35,0 a 36,0	17601	1,6						
36,0 a 37,0	17602	1,3						
37,0 a 38,0	17603	1,7						
38,0 a 39,55	17604	1,7						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-247-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17608/75	1,3						
1,0 a 2,0	17609	1,5						
2,0 a 3,0	17610	1,1						
3,0 a 4,0	17611	1,8						
4,0 a 5,0	17612	1,8						
5,0 a 6,0	17613	2,1						
6,0 a 7,0	17614	3,3						
7,0 a 8,0	17615	3,5						
8,0 a 9,0	17616	5,0						
9,0 a 10,0	17617	3,6						
10,0 a 11,0	17618	2,7						
11,0 a 12,0	17619	3,6						
12,0 a 13,0	17620	3,3						
13,0 a 14,0	17621	3,9						
14,0 a 15,0	17622	6,0						
15,0 a 16,0	17623	4,9						
16,0 a 17,0	17624	4,0						

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Cont. Furo: 2148-PM-247-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	17625/75	2,7						
18,0 a 19,0	17626	3,3						
19,0 a 20,0	17627	2,2						
20,0 a 21,0	17628	4,2						
21,0 a 22,0	17629	4,0						
22,0 a 23,0	17630	4,4						
23,0 a 24,0	17631	5,8						
24,0 a 25,0	17632	3,3						
25,0 a 26,0	17633	8,0						
26,0 a 27,0	17634	7,3						
27,0 a 28,0	17635	9,9						
28,0 a 29,0	17636	9,0						
29,0 a 30,0	17637	7,2						
30,0 a 31,0	17638	3,9						
31,0 a 32,0	17639	2,5						
32,0 a 33,0	17640	2,7						
33,0 a 34,0	17641	3,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-248-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17259/75	2,9						
1,0 a 2,0	17260	2,9						
2,0 a 3,0	17261	2,9						
3,0 a 4,0	17262	2,4						
4,0 a 5,0	17263	3,5						
5,0 a 6,0	17364	3,3						
6,0 a 7,0	17265	3,1						
7,0 a 8,0	17266	3,4						
8,0 a 9,0	17267	0,8						
9,0 a 10,0	17268	0,6						
10,0 a 11,0	17269	0,7						
11,0 a 12,0	17270	0,7						
12,0 a 13,0	17271	0,5						
13,0 a 14,0	17272	<0,5						
14,0 a 15,0	17273	0,5						
15,0 a 16,0	17274	<0,5						
16,0 a 17,0	17275	0,5						
17,0 a 18,0	17276	0,5						

Cont. Furo: 2148-PM-248-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17277/75	< 0,5						
19,0 a 20,0	17278	< 0,5						
20,0 a 21,0	17279	< 0,5						
21,0 a 22,0	17280	0,6						
22,0 a 23,0	17281	0,6						
23,0 a 24,0	17282	0,5						
24,0 a 25,0	17283	< 0,5						
25,0 a 26,0	17284	< 0,5						
26,0 a 27,0	17285	< 0,5						
27,0 a 28,0	17286	0,6						
28,0 a 29,0	17287	1,3						
29,0 a 30,0	17288	0,4						
30,0 a 31,0	17289	2,4						
31,0 a 32,0	17290	1,9						
32,0 a 33,0	17291	1,8						
33,0 a 34,0	17292	2,0						
34,0 a 35,0	17293	1,7						
35,0 a 36,0	17294	2,0						
36,0 a 37,0	17295	2,7						
37,0 a 38,0	17296	2,2						
38,0 a 39,0	17297	3,0						
39,0 a 40,0	17298	4,1						
40,0 a 41,0	17299	3,8						
41,0 a 42,0	17300	3,3						
42,0 a 43,0	17301	3,8						
43,0 a 44,0	17302	3,5						
44,0 a 45,0	17303	3,3						
45,0 a 46,0	17304	2,5						

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Cent. Furo: 2148-PM-248-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	P	
46,0 a 47,0	17305/75	3,3					
47,0 a 48,0	17306	3,5					
48,0 a 49,0	17307	2,5					
49,0 a 50,0	17308	3,0					
50,0 a 51,0	17309	3,3					
51,0 a 52,0	17310	2,5					
52,0 a 53,0	17311	1,8					
53,0 a 54,0	17312	1,8					
54,0 a 55,0	17313	2,4					
55,0 a 56,0	17314	3,0					
56,0 a 57,0	17315	1,7					
57,0 a 58,50	17316	1,9					

[Handwritten Signature]
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-249-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17645/75	16,7						
1,0 a 2,0	17646	20,5						
2,0 a 3,0	17647	15,8						
3,0 a 4,0	17648	11,7						
4,0 a 5,0	17649	8,1						
5,0 a 6,0	17650	5,1						
6,0 a 7,0	17651	4,8						
7,0 a 8,0	17652	4,3						
8,0 a 9,0	17653	4,8						
9,0 a 10,0	17654	3,7						
10,0 a 11,0	17655	4,0						
11,0 a 12,0	17656	3,8						
12,0 a 13,0	17657	4,5						
13,0 a 14,0	17658	3,8						
14,0 a 15,0	17659	4,1						
15,0 a 16,0	17660	3,5						
16,0 a 17,0	17661	2,1						

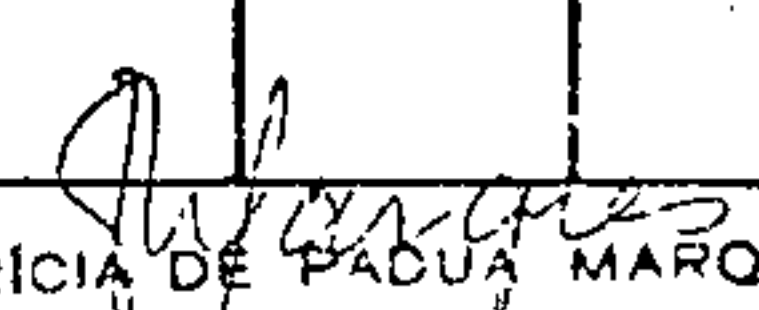
Cont. Furo: 2148-PM-249-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
17,0 a 18,0	17662/75	2,2					
18,0 a 19,0	17663	2,8					
19,0 a 20,0	17664	7,0					
20,0 a 21,0	17665	14,2					
21,0 a 22,0	17666	9,7					
22,0 a 23,0	17667	4,3					
23,0 a 24,0	17668	4,0					
24,0 a 25,0	17669	4,2					
25,0 a 26,0	17670	7,6					
26,0 a 27,0	17671	13,0					
27,0 a 28,0	17672	13,3					
28,0 a 29,0	17673	13,0					
29,0 a 30,0	17674	16,5					
30,0 a 31,0	17675	14,8					
31,0 a 32,0	17676	9,6					
32,0 a 33,0	17677	10,0					
33,0 a 34,0	17678	10,1					
34,0 a 35,0	17679	12,6					
35,0 a 36,0	17680	14,0					
36,0 a 37,0	17681	7,3					
37,0 a 38,0	17682	3,7					
38,0 a 39,0	17683	4,6					
39,0 a 40,0	17684	4,2					
40,0 a 41,0	17685	4,0					
41,0 a 42,0	17686	3,3					
42,0 a 43,0	17687	4,6					
43,0 a 44,0	17688	3,5					

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Cont. Furo: 2148-PM-249-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
44,0 a 45,0	17689/75	4,1						
45,0 a 46,0	17690	8,0						
46,0 a 47,0	17691	17,5						
47,0 a 48,0	17692	24,3						
48,0 a 49,0	17693	21,5						
49,0 a 50,0	17694	18,5						
50,0 a 51,0	17695	14,7						
51,0 a 52,0	17696	13,6						
52,0 a 53,0	17697	13,3						
53,0 a 54,0	17698	12,4						
54,0 a 55,0	17699	13,2						
55,0 a 56,70	17700	4,0						


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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-250-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 25
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17706/75	5,3						
1,0 a 2,0	17707	3,3						
2,0 a 3,0	17708	12,5						
3,0 a 4,0	17709	5,5						
4,0 a 5,0	17710	5,6						
5,0 a 6,0	17711	8,8						
6,0 a 7,0	17712	8,4						
7,0 a 8,0	17713	8,6						
8,0 a 9,0	17714	12,3						
9,0 a 10,0	17715	9,1						
10,0 a 11,0	17716	12,8						
11,0 a 12,0	17717	11,6						
12,0 a 13,0	17718	8,3						
13,0 a 14,0	17719	9,7						
14,0 a 15,0	17720	11,8						
15,0 a 16,0	17721	14,1						
16,0 a 17,0	17722	14,9						
17,0 a 18,0	17723	14,6						

BM

Cont. Furo: 2148-PM-250-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0	a 19,0	17724/75	17,0					
19,0	a 20,0	17725	16,2					
20,0	a 21,0	17726	19,4					
21,0	a 22,0	17727	23,5					
22,0	a 23,0	17728	22,0					
23,0	a 24,0	17729	19,5					
24,0	a 25,0	17730	18,5					
25,0	a 26,0	17731	9,7					
26,0	a 27,0	17732	7,9					
27,0	a 28,0	17733	7,2					
28,0	a 29,0	17734	8,2					
29,0	a 30,0	17735	8,1					
30,0	a 31,0	17736	12,7					
31,0	a 32,0	17737	14,0					
32,0	a 33,0	17738	19,5					
33,0	a 34,0	17739	20,6					
34,0	a 35,0	17740	21,3					
35,0	a 36,0	17741	18,6					
36,0	a 37,0	17742	19,9					
37,0	a 38,0	17743	21,1					
38,0	a 39,0	17744	15,2					
39,0	a 40,0	17745	16,4					
40,0	a 41,0	17746	14,3					
41,0	a 42,0	17747	16,6					
42,0	a 43,0	17748	16,4					
43,0	a 44,0	17749	15,4					
44,0	a 45,0	17750	16,6					
45,0	a 46,0	17751	8,3					

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Cont. Furo: 2148-PM-250-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
46,0 a 47,0	17752/75	14,3					
47,0 a 48,0	17753	15,0					
48,0 a 49,0	17754	13,4					
49,0 a 50,0	17755	9,4					
50,0 a 51,0	17756	8,1					
51,0 a 52,0	17757	16,7					
52,0 a 53,0	17758	14,9					
53,0 a 54,0	17759	9,4					
54,0 a 55,0	17760	12,1					
55,0 a 56,0	17761	8,1					
56,0 a 57,70	17762	7,3					

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-251-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17768/75	5,2						
1,0 a 2,0	17769	1,9						
2,0 a 3,0	17770	1,2						
3,0 a 4,0	17771	1,4						
4,0 a 5,0	17772	1,5						
5,0 a 6,0	17773	2,0						
6,0 a 7,0	17774	6,5						
7,0 a 8,0	17775	6,3						
8,0 a 9,0	17776	8,7						
9,0 a 10,0	17777	12,2						
10,0 a 11,0	17778	15,3						
11,0 a 12,0	17779	15,3						
12,0 a 13,0	17780	13,9						
13,0 a 14,0	17781	9,3						
14,0 a 15,0	17782	8,8						
15,0 a 16,0	17783	8,9						
16,0 a 17,0	17784	13,7						
17,0 a 18,0	17785	8,8						

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Cont. Furo: 2148-PM-251-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17786/75	14,7						
19,0 a 20,0	17787	9,2						
20,0 a 21,0	17788	13,3						
21,0 a 22,0	17789	16,6						
22,0 a 23,0	17790	9,2						
23,0 a 24,0	17791	9,5						
24,0 a 25,0	17792	7,1						
25,0 a 26,0	17793	4,7						
26,0 a 27,0	17794	4,9						
27,0 a 28,0	17795	6,9						
28,0 a 29,0	17796	4,9						
29,0 a 30,0	17797	9,2						
30,0 a 31,0	17798	8,6						
31,0 a 32,0	17799	17,9						
32,0 a 33,0	17800	12,0						
33,0 a 34,0	17801	12,1						
34,0 a 35,0	17802	14,5						
35,0 a 36,0	17803	14,8						
36,0 a 37,0	17804	13,7						
37,0 a 38,0	17805	8,2						
38,0 a 39,0	17806	12,5						
39,0 a 40,0	17807	8,4						
40,0 a 41,0	17808	12,0						
41,0 a 42,0	17809	13,4						
42,0 a 43,0	17810	12,6						
43,0 a 44,0	17811	13,7						
44,0 a 45,0	17812	12,5						
45,0 a 46,0	17813	13,1						

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Cont. Furo: 2148-PM-251-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	17814/75	12,3						
47,0 a 48,0	17815	9,4						
48,0 a 49,0	17816	9,8						
49,0 a 50,0	17817	9,1						
50,0 a 51,0	17818	10,1						
51,0 a 52,0	17819	17,1						
52,0 a 53,0	17820	7,4						
53,0 a 54,10	17821	7,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB
TIPO DE ANÁLISE: ESPECTROGRÁFICA
FURO DE SONDA: 2148-PM-252-MG
OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17827/75	3,3						
1,0 a 2,0	17828	3,9						
2,0 a 3,0	17829	3,6						
3,0 a 4,0	17830	3,2						
4,0 a 5,0	17831	8,9						
5,0 a 6,0	17832	16,4						
6,0 a 7,0	17833	8,3						
7,0 a 8,0	17834	15,2						
8,0 a 9,0	17835	7,9						
9,0 a 10,0	17836	13,4						
10,0 a 11,0	17837	12,6						
11,0 a 12,0	17838	9,6						
12,0 a 13,0	17839	18,4						
13,0 a 14,0	17840	18,5						
14,0 a 15,0	17841	14,9						
15,0 a 16,0	17842	15,8						
16,0 a 17,0	17843	19,0						
17,0 a 18,0	17844	18,3						

RP


Cont. Furo: 2148-PM-252-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17845/75	17,4						
19,0 a 20,0	17846	16,2						
20,0 a 21,0	17847	11,9						
21,0 a 22,0	17848	13,9						
22,0 a 23,0	17849	14,3						
23,0 a 24,0	17850	12,3						
24,0 a 25,0	17851	14,0						
25,0 a 26,0	17852	15,8						
26,0 a 27,0	17853	18,5						
27,0 a 28,0	17854	16,7						
28,0 a 29,0	17855	17,0						
29,0 a 30,0	17856	15,0						
30,0 a 31,0	17857	17,0						
31,0 a 32,0	17858	14,0						
32,0 a 33,0	17859	15,3						
33,0 a 34,0	17860	20,2						
34,0 a 35,0	17861	17,7						
35,0 a 36,0	17862	19,7						
36,0 a 37,0	17863	16,5						
37,0 a 38,0	17864	14,8						
38,0 a 39,0	17865	14,5						
39,0 a 40,0	17866	17,3						
40,0 a 41,0	17867	19,4						
41,0 a 42,0	17868	21,7						
42,0 a 43,0	17869	20,5						
43,0 a 44,0	17870	17,9						
44,0 a 45,0	17871	15,5						
45,0 a 46,0	17872	6,1						

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Cont. Furo: 2148-PM-252-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,30	17873/75	9,3						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-253-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18057/75	3,9						
1,0 a 2,0	18058	5,2						
2,0 a 3,0	18059	4,5						
3,0 a 4,0	18060	2,3						
4,0 a 5,0	18061	2,5						
5,0 a 6,0	18062	2,8						
6,0 a 7,0	18063	2,4						
7,0 a 8,0	18064	0,8						
8,0 a 9,0	18065	2,0						
9,0 a 10,0	18066	1,3						
10,0 a 11,0	18067	1,5						
11,0 a 12,0	18068	1,3						
12,0 a 13,0	18069	2,5						
13,0 a 14,0	18070	8,2						
14,0 a 15,0	18071	9,0						
15,0 a 16,0	18072	12,0						
16,0 a 17,0	18073	12,7						
17,0 a 18,0	18074	13,4						

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Cont. Furo: 2148-PM-253-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18075/75	13,5						
19,0 a 20,0	18076	9,2						
20,0 a 21,0	18077	13,7						
21,0 a 22,0	18078	13,8						
22,0 a 23,0	18079	15,8						
23,0 a 24,0	18080	14,6						
24,0 a 25,0	18081	12,6						
25,0 a 26,0	18082	9,2						
26,0 a 27,0	18083	8,6						
27,0 a 28,0	18084	7,5						
28,0 a 29,0	18085	14,2						
29,0 a 30,0	18086	20,3						
30,0 a 31,0	18087	24,2						
31,0 a 32,0	18088	23,4						
32,0 a 33,0	18089	18,0						
33,0 a 34,0	18090	22,7						
34,0 a 35,0	18091	17,0						
35,0 a 36,0	18092	21,5						
36,0 a 37,0	18093	27,0						
37,0 a 38,0	18094	18,1						
38,0 a 39,0	18095	16,1						
39,0 a 40,0	18096	14,8						
40,0 a 41,0	18097	21,4						
41,0 a 42,0	18098	15,7						
42,0 a 43,0	18099	18,4						
43,0 a 44,0	18100	17,3						
44,0 a 45,0	18101	15,7						
45,0 a 46,0	18102	15,2						

JL

Cont. Furo: 2148-PM-253-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18103/75	19,0						
47,0 a 48,0	18104	20,9						
48,0 a 49,0	18105	18,4						
49,0 a 50,0	18106	20,5						
50,0 a 51,0	18107	11,7						
51,0 a 52,0	18108	12,0						
52,0 a 53,0	18109	11,7						
53,0 a 54,0	18110	12,9						
54,0 a 55,0	18111	12,7						
55,0 a 56,0	18112	12,6						
56,0 a 57,0	18113	14,0						
57,0 a 58,0	18114	14,1						
58,0 a 59,0	18115	7,9						
59,0 a 60,0	18116	14,3						
60,0 a 61,0	18117	13,0						
61,0 a 62,0	18118	11,8						
62,0 a 63,0	18119	11,9						
63,0 a 64,0	18120	13,1						
64,0 a 65,0	18121	13,9						
65,0 a 66,0	18122	9,7						
66,0 a 67,0	18123	14,0						
67,0 a 68,0	18124	16,3						
68,0 a 69,0	18125	8,4						
69,0 a 70,0	18126	7,6						
70,0 a 71,0	18127	8,6						
71,0 a 72,0	18128	8,0						
72,0 a 72,80	18129	5,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-254-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18136/75	11,9						
1,0 a 2,0	18137	11,8						
2,0 a 3,0	18138	12,8						
3,0 a 4,0	18139	14,3						
4,0 a 5,0	18140	11,9						
5,0 a 6,0	18141	11,6						
6,0 a 7,0	18142	13,2						
7,0 a 8,0	18143	11,9						
8,0 a 9,0	18144	14,4						
9,0 a 10,0	18145	13,5						
10,0 a 11,0	18146	13,4						
11,0 a 12,0	18147	9,0						
12,0 a 13,0	18148	9,6						
13,0 a 14,0	18149	9,0						
14,0 a 15,0	18150	8,9						
15,0 a 16,0	18151	8,4						
16,0 a 17,0	18152	9,5						
17,0 a 18,0	18153	9,4						

Cont. Furo: 2148-PM-254- MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18154/75	9,5						
19,0 a 20,0	18155	9,6						
20,0 a 21,0	18156	9,5						
21,0 a 22,0	18157	5,9						
22,0 a 23,0	18158	7,8						
23,0 a 24,0	18159	7,9						
24,0 a 25,0	18160	9,4						
25,0 a 26,0	18161	12,4						
26,0 a 27,0	18162	13,4						
27,0 a 28,0	18163	14,4						
28,0 a 29,0	18164	13,1						
29,0 a 30,0	18165	7,3						
30,0 a 31,0	18166	10,0						
31,0 a 32,0	18167	13,3						
32,0 a 33,0	18168	9,2						
33,0 a 34,0	18169	8,8						
34,0 a 35,0	18170	7,4						
35,0 a 36,0	18171	7,5						
36,0 a 37,0	18172	6,1						
37,0 a 38,0	18173	9,6						
38,0 a 39,0	18174	5,4						
39,0 a 40,0	18175	7,5						
40,0 a 41,0	18176	6,4						
41,0 a 42,0	18177	10,0						
42,0 a 43,0	18178	7,6						
43,0 a 44,0	18179	6,0						
44,0 a 45,0	18180	5,3						
45,0 a 46,0	18181	6,6						

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Cont. Furo: 2148-PM-254-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18182/75	6,0						
47,0 a 48,0	18183	5,8						
48,0 a 49,0	18184	5,6						
49,0 a 50,0	18185	7,5						
50,0 a 51,0	18186	5,8						
51,0 a 52,0	18187	5,5						
52,0 a 52,90	18188	5,1						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-255-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18309/75	2,6						
1,0 a 2,0	18310	1,4						
2,0 a 3,0	18311	1,9						
3,0 a 4,0	18312	3,4						
4,0 a 5,0	18313	2,3						
5,0 a 6,0	18314	3,2						
6,0 a 7,0	18315	4,6						
7,0 a 8,0	18316	6,3						
8,0 a 9,0	18317	6,6						
9,0 a 10,0	18318	6,6						
10,0 a 11,0	18319	6,7						
11,0 a 12,0	18320	5,6						
12,0 a 13,0	18321	5,7*						
13,0 a 14,0	18322	5,9						
14,0 a 15,0	18323	6,6						
15,0 a 16,0	18324	7,8						
16,0 a 17,0	18325	7,8						
17,0 a 18,0	18326	6,2						

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Cont. Furo: 2148-PM-255-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18327/75	7,9						
19,0 a 20,0	18328	7,7						
20,0 a 21,0	18329	7,4						
21,0 a 22,0	18330	8,9						
22,0 a 23,0	18331	7,0						
23,0 a 24,0	18332	6,0						
24,0 a 25,0	18333	7,8						
25,0 a 26,0	18334	7,9						
26,0 a 27,0	18335	6,2						
27,0 a 28,0	18336	6,2						
28,0 a 29,0	18337	6,0						
29,0 a 30,0	18338	7,4						
30,0 a 31,0	18339	7,1						
31,0 a 32,0	18340	5,9						
32,0 a 33,0	18341	7,5						
33,0 a 34,0	18342	7,4						
34,0 a 35,0	18343	6,7						
35,0 a 36,0	18344	8,5						
36,0 a 37,0	18345	6,3						
37,0 a 38,0	18346	8,2						
38,0 a 39,0	18347	8,3						
39,0 a 40,0	18348	7,7						
40,0 a 41,0	18349	8,8						
41,0 a 42,0	18350	8,2						
42,0 a 43,0	18351	9,4						
43,0 a 44,0	18352	9,7						
44,0 a 45,0	18353	8,8						
45,0 a 46,0	18354	8,1						

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Cont. Furo: 2148-PM-255-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18355/75	7,2						
47,0 a 48,0	18356	13,1						
48,0 a 49,0	18357	13,4						
49,0 a 50,0	18358	7,9						
50,0 a 51,0	18359	8,5						
51,0 a 52,0	18360	11,6						
52,0 a 53,0	18361	13,5						
53,0 a 54,0	18362	12,9						
54,0 a 55,70	18363	6,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-256-MG


OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18194/75	16,6						
1,0 a 2,0	18195	13,8						
2,0 a 3,0	18196	11,9						
3,0 a 4,0	18197	12,7						
4,0 a 5,0	18198	12,8						
5,0 a 6,0	18199	9,2						
6,0 a 7,0	18200	13,9						
7,0 a 8,0	18201	13,4						
8,0 a 9,0	18202	11,5						
9,0 a 10,0	18203	12,5						
10,0 a 11,0	18204	7,5						
11,0 a 12,0	18205	12,6						
12,0 a 13,0	18206	12,5						
13,0 a 14,0	18207	7,9						
14,0 a 15,0	18208	7,1						
15,0 a 16,0	18209	6,1						
16,0 a 17,0	18210	4,9						
17,0 a 18,0	18211	1,8						

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Cont. Furo: 2148-PM-256-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18212/75	1,7						
19,0 a 20,0	18213	2,7						
20,0 a 21,0	18214	2,1						
21,0 a 22,0	18215	2,4						
22,0 a 23,0	18216	2,3						
23,0 a 24,0	18217	1,8						
24,0 a 25,0	18218	1,9						
25,0 a 26,0	18219	2,6						
26,0 a 27,0	18220	3,0						
27,0 a 28,0	18221	1,9						
28,0 a 29,0	18222	3,3						
29,0 a 30,20	18223	3,0						


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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-257-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18225/75	3,3						
1,0 a 2,0	18226	3,9						
2,0 a 3,0	18227	5,7						
3,0 a 4,0	18228	3,1						
4,0 a 5,0	18229	2,1						
5,0 a 6,0	18230	3,0						
6,0 a 7,0	18231	2,8						
7,0 a 8,0	18232	3,0						
8,0 a 9,0	18233	4,2						
9,0 a 10,0	18234	8,0						
10,0 a 11,0	18235	9,6						
11,0 a 12,0	18236	12,5						
12,0 a 13,0	18237	13,8						
13,0 a 14,0	18238	14,6						
14,0 a 15,0	18239	15,0						
15,0 a 16,0	18240	15,5						
16,0 a 17,0	18241	21,7						
17,0 a 18,0	18242	22,5						

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Cont. Furo: 2148-PM-257-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18243/75	16,1						
19,0 a 20,0	18244	19,4						
20,0 a 21,0	18245	17,1						
21,0 a 22,0	18246	21,5						
22,0 a 23,0	18247	15,1						
23,0 a 24,0	18248	16,0						
24,0 a 25,0	18249	13,5						
25,0 a 26,0	18250	9,3						
26,0 a 27,0	18251	12,9						
27,0 a 28,0	18252	18,6						
28,0 a 29,0	18253	23,6						
29,0 a 30,0	18254	21,3						
30,0 a 31,0	18255	19,6						
31,0 a 32,0	18256	16,0						
32,0 a 33,0	18257	16,3						
33,0 a 34,0	18258	21,0						
34,0 a 35,0	18259	9,1						
35,0 a 36,0	18260	9,7						
36,0 a 37,0	18261	14,1						
37,0 a 38,0	18262	11,7						
38,0 a 39,0	18263	16,1						
39,0 a 40,0	18264	16,9						
40,0 a 41,0	18265	18,7						
41,0 a 42,0	18266	20,2						
42,0 a 43,0	18267	19,2						
43,0 a 44,0	18268	17,4						
44,0 a 45,0	18269	17,0						
45,0 a 46,0	18270	16,0						

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Cont. Furo: 2148-PM-257-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18271/75	15,5						
47,0 a 48,0	18272	13,0						
48,0 a 49,0	18273	18,2						
49,0 a 50,0	18274	17,7						
50,0 a 51,0	18275	18,0						
51,0 a 52,0	18276	21,7						
52,0 a 53,0	18277	20,5						
53,0 a 54,0	18278	18,4						
54,0 a 55,0	18279	13,3						
55,0 a 56,0	18280	15,1						
56,0 a 57,0	18281	14,6						
57,0 a 58,0	18282	13,0						
58,0 a 59,0	18283	12,1						
59,0 a 60,0	18284	13,4						
60,0 a 61,0	18285	19,6						
61,0 a 62,0	18286	15,4						
62,0 a 63,0	18287	14,8						
63,0 a 64,0	18288	13,3						
64,0 a 65,0	18289	13,3						
65,0 a 66,0	18290	8,1						
66,0 a 67,0	18291	12,6						
67,0 a 68,0	18292	16,3						
68,0 a 69,0	18293	12,5						
69,0 a 70,0	18294	12,6						
70,0 a 71,0	18295	12,0						
71,0 a 72,0	18296	14,8						
72,0 a 73,0	18297	7,1						
73,0 a 74,0	18298	5,3						

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Cont. Furo: 2148-PM-257-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
74,0 a 75,0	18299/75	3,0						
75,0 a 76,20	18300	4,5						

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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-258-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18369/75	9,7						
1,0 a 2,0	18370	5,1						
2,0 a 3,0	18371	1,5						
3,0 a 4,0	18372	1,0						
4,0 a 5,0	18373	1,0						
5,0 a 6,0	18374	1,4						
6,0 a 7,0	18375	1,9						
7,0 a 8,0	18376	2,6						
8,0 a 9,0	18377	2,9						
9,0 a 10,0	18378	20,2						
10,0 a 11,0	18379	11,7						
11,0 a 12,0	18380	13,3						
12,0 a 13,0	18381	9,5						
13,0 a 14,0	18382	13,2						
14,0 a 15,0	18383	12,5						
15,0 a 16,0	18384	15,2						
16,0 a 17,0	18385	15,8						
17,0 a 18,0	18386	15,3						

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Cont. Furo: 2148-PM-258-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18387/75	16,7						
19,0 a 20,0	18388	15,3						
20,0 a 21,0	18389	9,3						
21,0 a 22,0	18390	8,1						
22,0 a 23,0	18391	4,3						
23,0 a 24,0	18392	5,7						
24,0 a 25,0	18393	8,4						
25,0 a 26,0	18394	3,6						
26,0 a 27,0	18395	3,9						
27,0 a 28,0	18396	4,9						
28,0 a 29,0	18397	6,3						
29,0 a 30,0	18398	14,0						
30,0 a 31,0	18399	4,7						
31,0 a 32,0	18400	6,2						
32,0 a 33,0	18401	7,8						
33,0 a 34,0	18402	7,3						
34,0 a 35,0	18403	9,1						
35,0 a 36,0	18404	12,1						
36,0 a 37,0	18405	14,5						
37,0 a 38,0	18406	14,8						
38,0 a 39,0	18407	6,6						
39,0 a 40,0	18408	11,6						
40,0 a 41,0	18409	21,2						
41,0 a 42,0	18410	17,6						
42,0 a 43,0	18411	14,7						
43,0 a 44,0	18412	14,0						
44,0 a 45,0	18413	13,1						
45,0 a 46,0	18414	12,8						

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Cont. Furo: 2148-PM-258-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18416/75	5,4						
47,0 a 48,30	18416	4,6						

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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-259-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18421/75	9,5						
1,0 a 2,0	18422	8,0						
2,0 a 3,0	18423	5,2						
3,0 a 4,0	18424	3,9						
4,0 a 5,0	18425	3,6						
5,0 a 6,0	18426	7,6						
6,0 a 7,0	18427	11,7						
7,0 a 8,0	18428	12,5						
8,0 a 9,0	18429	9,4						
9,0 a 10,0	18430	13,0						
10,0 a 11,0	18431	9,6						
11,0 a 12,0	18432	9,4						
12,0 a 13,0	18433	8,2						
13,0 a 14,0	18434	10,0						
14,0 a 15,0	18435	12,1						
15,0 a 16,0	18436	14,4						
16,0 a 17,0	18437	16,1						
17,0 a 18,0	18438	20,0						

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Cont. 2148-PM-259-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18439/75	15,4						
19,0 a 20,0	18440	8,1						
20,0 a 21,0	18441	11,7						
21,0 a 22,0	18442	14,5						
22,0 a 23,0	18443	9,6						
23,0 a 24,0	18444	12,1						
24,0 a 25,0	18445	13,4						
25,0 a 26,0	18446	15,7						
26,0 a 27,0	18447	13,6						
27,0 a 28,0	18448	12,1						
28,0 a 29,0	18449	12,7						
29,0 a 30,0	18450	11,5						
30,0 a 31,0	18451	13,9						
31,0 a 32,0	18452	15,0						
32,0 a 33,0	18453	13,4						
33,0 a 34,0	18454	13,4						
34,0 a 35,0	18455	14,0						
35,0 a 36,0	18456	6,8						
36,0 a 37,0	18457	7,7						
37,0 a 38,0	18458	8,6						
38,0 a 39,0	18459	18,0						
39,0 a 40,0	18460	14,0						
40,0 a 41,0	18461	17,4						
41,0 a 42,0	18462	9,5						
42,0 a 43,0	18463	12,4						
43,0 a 44,0	18464	14,5						
44,0 a 45,0	18465	12,2						
45,0 a 46,0	18466	16,0						

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Cont. 2148-PM-259-MG.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18467/75	18,0						
47,0 a 48,0	18468	17,2						
48,0 a 49,0	18469	19,0						
49,0 a 50,0	18470	18,9						
50,0 a 51,0	18471	15,8						
51,0 a 52,0	18472	14,9						
52,0 a 53,0	18473	16,1						
53,0 a 54,0	18374	21,0						
54,0 a 55,0	18475	15,3						
55,0 a 56,0	18476	19,0						
56,0 a 57,0	18477	23,2						
57,0 a 58,0	18478	21,3						
58,0 a 59,0	18479	14,4						
59,0 a 60,0	18480	17,1						
60,0 a 61,0	18481	18,7						
61,0 a 62,0	18482	21,4						
62,0 a 63,0	18483	22,6						
63,0 a 64,0	18484	19,0						
64,0 a 65,0	18485	16,5						
65,0 a 66,0	18486	19,7						
66,0 a 67,0	18487	14,0						
67,0 a 68,45	18488	7,8						

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BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-260-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18495/75	2,7						
1,0 a 2,0	18496	3,3						
2,0 a 3,0	18497	3,1						
3,0 a 4,0	18498	3,3						
4,0 a 5,0	18499	4,2						
5,0 a 6,0	18500	11,9						
6,0 a 7,0	18501	7,9						
7,0 a 8,0	18502	5,6						
8,0 a 9,0	18503	7,5						
9,0 a 10,0	18504	10,1						
10,0 a 11,0	18505	9,6						
11,0 a 12,0	18506	13,0						
12,0 a 13,0	18507	9,3						
13,0 a 14,0	18508	13,7						
14,0 a 15,0	18509	14,9						
15,0 a 16,0	18510	15,3						
16,0 a 17,0	18511	13,4						
17,0 a 18,0	18512	14,2						

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Cont. 2148-PM-260-MG.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18513/75	11,8						
19,0 a 20,0	18514	14,8						
20,0 a 21,0	18515	13,5						
21,0 a 22,0	18516	14,3						
22,0 a 23,0	18517	15,7						
23,0 a 24,0	18518	15,3						
24,0 a 25,0	18519	14,2						
25,0 a 26,0	18520	15,2						
26,0 a 27,0	18521	13,5						
27,0 a 28,0	18522	11,8						
28,0 a 29,0	18523	14,3						
29,0 a 30,0	18524	15,2						
30,0 a 31,0	18525	15,9						
31,0 a 32,0	18526	13,0						
32,0 a 33,0	18527	9,1						
33,0 a 34,0	18528	13,4						
34,0 a 35,0	18529	13,5						
35,0 a 36,0	18530	12,3						
36,0 a 37,0	18531	14,3						
37,0 a 38,0	18532	11,7						
38,0 a 39,0	18533	9,5						
39,0 a 40,0	18534	8,9						
40,0 a 41,0	18535	8,8						
41,0 a 42,0	18536	12,8						
42,0 a 43,0	18537	12,5						
43,0 a 44,0	18538	18,4						
44,0 a 45,0	18539	17,8						
45,0 a 46,0	18540	16,6						

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Cont. 2148-PM-260-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18541/75	13,9						
47,0 a 48,0	18542	9,4						
48,0 a 49,0	18543	12,5						
49,0 a 50,0	18544	13,2						
50,0 a 51,0	18545	12,1						
51,0 a 52,0	18546	16,7						
52,0 a 53,0	18547	12,5						
53,0 a 54,0	18548	12,2						
54,0 a 55,0	18549	11,9						
55,0 a 56,0	18550	9,2						
56,0 a 57,0	18551	9,1						
57,0 a 58,0	18552	7,4						
58,0 a 59,0	18553	14,3						
59,0 a 60,0	18554	14,5						
60,0 a 61,0	18555	16,4						
61,0 a 62,0	18556	12,0						
62,0 a 63,0	18557	13,6						
63,0 a 64,0	18558	15,8						
64,0 a 65,0	18559	14,9						
65,0 a 66,0	18560	14,3						
66,0 a 67,0	18561	12,7						
67,0 a 68,0	18562	19,4						
68,0 a 69,0	18563	16,5						
69,0 a 70,0	18564	14,0						
70,0 a 71,0	18565	12,3						
71,0 a 72,0	18566	14,8						
72,0 a 73,0	18567	22,6						
73,0 a 74,0	18568	13,8						

PM

Cont. 2148-PM-260-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
74,0 a 75,0	18569/75	20,2						
75,0 a 76,0	18570	14,8						
76,0 a 77,50	18571	5,5						

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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-261-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18579/75	16,9						
1,0 a 2,0	18580	15,7						
2,0 a 3,0	18581	11,8						
3,0 a 4,0	18582	13,9						
4,0 a 5,0	18583	19,0						
5,0 a 6,0	18584	18,3						
6,0 a 7,0	18585	14,4						
7,0 a 8,0	18586	11,9						
8,0 a 9,0	18587	11,9						
9,0 a 10,0	18588	12,3						
10,0 a 11,0	18589	9,2						
11,0 a 12,0	18590	13,9						
12,0 a 13,0	18591	9,2						
13,0 a 14,0	18592	8,0						
14,0 a 15,0	18593	8,6						
15,0 a 16,0	18594	15,4						
16,0 a 17,0	18595	13,1						
17,0 a 18,0	18596	16,7						

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Cont. 2148-PM-261-MG.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18597/75	15,2						
19,0 a 20,0	18598	9,8						
20,0 a 21,0	18599	15,3						
21,0 a 22,0	18600	14,1						
22,0 a 23,0	18601	6,9						
23,0 a 24,0	18602	5,9						
24,0 a 25,0	18603	7,1						
25,0 a 26,0	18604	12,3						
26,0 a 27,0	18605	7,3						
27,0 a 28,0	18606	4,9						
28,0 a 29,0	18607	5,3						
29,0 a 30,40	18608	4,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-262-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18611/75	13,1						
1,0 a 2,0	18612	6,6						
2,0 a 3,0	18613	7,1						
3,0 a 4,0	18614	3,8						
4,0 a 5,0	18615	2,8						
5,0 a 6,0	18616	3,7						
6,0 a 7,0	18617	5,7						
7,0 a 8,0	18618	7,3						
8,0 a 9,0	18619	9,3						
9,0 a 10,0	18620	11,8						
10,0 a 11,0	18621	14,9						
11,0 a 12,0	18622	15,1						
12,0 a 13,0	18623	18,4						
13,0 a 14,0	18624	16,9						
14,0 a 15,0	18625	12,9						
15,0 a 16,0	18626	14,5						
16,0 a 17,0	18627	14,8						
17,0 a 18,0	18628	12,5						

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Cont. Furo: 2148-PM-262-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18629/75	14,0						
19,0 a 20,0	18630	15,5						
20,0 a 21,0	18631	15,7						
21,0 a 22,0	18632	11,9						
22,0 a 23,0	18633	9,4						
23,0 a 24,0	18634	16,8						
24,0 a 25,0	18635	19,0						
25,0 a 26,0	18636	14,1						
26,0 a 27,0	18637	17,2						
27,0 a 28,0	18638	16,2						
28,0 a 29,0	18639	16,6						
29,0 a 30,0	18640	14,5						
30,0 a 31,0	18641	13,8						
31,0 a 32,0	18642	14,6						
32,0 a 33,0	18643	14,9						
33,0 a 34,0	18644	17,0						
34,0 a 35,0	18645	15,0						
35,0 a 36,0	18646	11,8						
36,0 a 37,0	18647	9,3						
37,0 a 38,0	18648	7,5						
38,0 a 39,0	18649	14,4						
39,0 a 40,0	18650	12,0						
40,0 a 41,0	18651	15,8						
41,0 a 42,0	18652	21,1						
42,0 a 43,0	18653	18,5						
43,0 a 44,0	18654	19,8						
44,0 a 45,0	18655	18,2						
45,0 a 46,0	18656	21,9						

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Cont. Furo: 2148-PM-262-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18657/75	19,1						
47,0 a 48,0	18658	20,2						
48,0 a 49,0	18659	18,7						
49,0 a 50,0	18660	17,0						
50,0 a 51,0	18661	22,5						
51,0 a 52,0	18662	23,8						
52,0 a 53,0	18663	22,5						
53,0 a 54,0	18664	20,3						
54,0 a 55,0	18665	23,4						
55,0 a 56,0	18666	16,5						
56,0 a 57,0	18667	18,4						
57,0 a 58,0	18668	20,1						
58,0 a 59,0	18669	17,2						
59,0 a 60,0	18670	20,0						
60,0 a 61,0	18671	20,5						
61,0 a 62,0	18672	16,0						
62,0 a 63,0	18673	19,4						
63,0 a 64,0	18674	19,6						
64,0 a 65,0	18675	16,0						
65,0 a 66,0	18676	15,0						
66,0 a 67,0	18677	17,8						
67,0 a 68,0	18678	11,9						
68,0 a 69,0	18679	7,9						
69,0 a 70,0	18680	12,6						
70,0 a 71,70	18681	13,0						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-263-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18688/75	5,0						
1,0 a 2,0	18689	1,9						
2,0 a 3,0	18690	2,4						
3,0 a 4,0	18691	3,4						
4,0 a 5,0	18692	2,7						
5,0 a 6,0	18693	4,4						
6,0 a 7,0	18694	5,2						
7,0 a 8,0	18695	4,3						
8,0 a 9,0	18696	2,4						
9,0 a 10,0	18697	2,0						
10,0 a 11,0	18698	1,7						
11,0 a 12,0	18699	1,5						
12,0 a 13,0	18700	2,1						
13,0 a 14,0	18701	2,0						
14,0 a 15,0	18702	2,9						
15,0 a 16,0	18703	1,3						
16,0 a 17,0	18704	1,4						
17,0 a 18,0	18705	1,6						

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Cont. 2148-PM-263-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18706/75	2,1						
19,0 a 20,0	18707	3,6						
20,0 a 21,0	18708	2,8						
21,0 a 22,0	18709	2,4						
22,0 a 23,0	18710	2,8						
23,0 a 24,0	18711	2,1						
24,0 a 25,0	18712	1,6						
25,0 a 26,0	18713	3,4						
26,0 a 27,0	18714	5,1						
27,0 a 28,0	18715	5,6						
28,0 a 29,0	18716	5,9						
29,0 a 30,0	18717	5,8						
30,0 a 31,0	18718	5,5						
31,0 a 32,0	18719	4,6						
32,0 a 33,0	18720	6,0						
33,0 a 34,0	18721	5,7						
34,0 a 35,0	18722	6,3						
35,0 a 36,0	18723	6,7						
36,0 a 37,0	18724	6,5						
37,0 a 38,0	18725	6,5						
38,0 a 39,0	18726	5,1						
39,0 a 40,0	18727	5,0						
40,0 a 41,0	18728	5,3						
41,0 a 42,0	18729	6,6						
42,0 a 43,0	18730	3,8						
43,0 a 44,0	18731	4,0						
44,0 a 45,0	18732	4,9						
45,0 a 46,0	18733	5,1						

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Cont. 2148-PM-263-MG.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18734/75	4,1						
47,0 a 48,0	18735	4,9						
48,0 a 49,0	18736	5,5						
49,0 a 50,0	18737	6,3						
50,0 a 51,0	18738	7,0						
51,0 a 52,0	18739	6,0						
52,0 a 53,0	18740	2,9						
53,0 a 54,0	18741	2,6						
54,0 a 55,0	18742	2,8						
55,0 a 56,0	18743	3,6						
56,0 a 57,0	18744	4,5						
57,0 a 58,0	18745	2,5						
58,0 a 59,0	18746	4,8						
59,0 a 60,0	18747	2,7						
60,0 a 61,0	18748	3,8						
61,0 a 62,0	18749	2,9						
62,0 a 63,0	18750	2,4						
63,0 a 64,0	18751	2,4						
64,0 a 64,90	18752	1,8						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-264-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18759/75	3,4						
1,0 a 2,0	18760	3,3						
2,0 a 3,0	18761	1,9						
3,0 a 4,0	18762	3,7						
4,0 a 5,0	18763	4,4						
5,0 a 6,0	18764	5,7						
6,0 a 7,0	18765	5,7						
7,0 a 8,0	18766	6,6						
8,0 a 9,0	18767	4,4						
9,0 a 10,0	18768	3,1						
10,0 a 11,0	18769	1,8						
11,0 a 12,0	18770	1,2						
12,0 a 13,0	18771	3,2						
13,0 a 14,0	18772	4,3						
14,0 a 15,0	18773	3,4						
15,0 a 16,0	18774	3,9						
16,0 a 17,0	18775	5,9						
17,0 a 18,0	18776	5,0						

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Cont. 2148-PM-264-MG.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18777/75	7,4						
19,0 a 20,0	18778	4,8						
20,0 a 21,0	18779	5,8						
21,0 a 22,0	18780	6,4						
22,0 a 23,0	18781	4,9						
23,0 a 24,0	18782	4,5						
24,0 a 25,0	18783	5,6						
25,0 a 26,0	18784	6,4						
26,0 a 27,0	18785	7,3						
27,0 a 28,0	18786	4,9						
28,0 a 29,0	18787	3,8						
29,0 a 30,0	18788	4,7						
30,0 a 31,0	18789	5,7						
31,0 a 32,0	18790	5,0						
32,0 a 33,0	18791	4,0						
33,0 a 34,0	18792	4,6						
34,0 a 35,0	18793	4,7						
35,0 a 36,0	18794	4,0						
36,0 a 37,0	18795	4,6						
37,0 a 38,0	18796	4,6						
38,0 a 39,0	18797	5,5						
39,0 a 40,0	18798	5,9						
40,0 a 41,0	18799	7,1						
41,0 a 42,0	18800	4,9						
42,0 a 43,0	18801	7,7						
43,0 a 44,0	18802	5,3						
44,0 a 45,0	18803	5,6						
45,0 a 46,0	18804	5,5						

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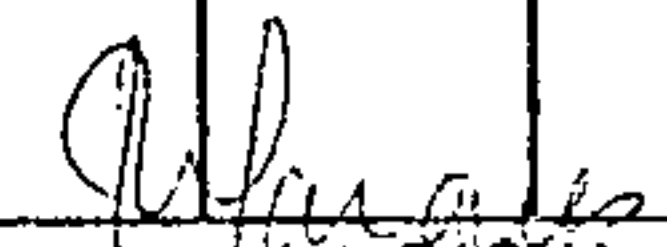
Cont. Furo: 2148-PM-264-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18805/75	5,0						
47,0 a 48,0	18806	4,9						
48,0 a 49,0	18807	3,8						
49,0 a 50,0	18808	7,7						
50,0 a 51,0	18809	11,6						
51,0 a 52,0	18810	6,1						
52,0 a 53,0	18811	5,5						
53,0 a 54,0	18812	4,7						
54,0 a 55,0	18813	4,4						
55,0 a 56,0	18814	7,1						
56,0 a 57,0	18815	9,0						
57,0 a 58,0	18816	8,9						
58,0 a 59,0	18817	9,6						
59,0 a 60,0	18818	3,2						
60,0 a 61,0	18819	3,2						
61,0 a 62,0	18820	4,0						
62,0 a 63,0	18821	6,1						
63,0 a 64,0	18822	4,6						
64,0 a 65,0	18823	8,6						
65,0 a 66,0	18824	6,6						
66,0 a 67,0	18825	7,3						
67,0 a 68,0	18826	7,4						
68,0 a 69,0	18827	8,1						
69,0 a 70,0	18828	12,0						
70,0 a 71,0	18829	6,8						
71,0 a 72,0	18830	13,9						
72,0 a 73,0	18831	8,6						
73,0 a 74,0	18832	8,5						

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Cont. Furo: 2148-PM-264-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	
74,0 a 75,0	18833/75	12,4					
75,0 a 76,0	18834	13,7					
76,0 a 77,30	18835	9,7					


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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-265-MG

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	18842/75	8,2						
1,0 a 2,0	18843	1,8						
2,0 a 3,0	18844	2,0						
3,0 a 4,0	18845	2,1						
4,0 a 5,0	18846	2,9						
5,0 a 6,0	18847	2,2						
6,0 a 7,0	18848	3,1						
7,0 a 8,0	18849	1,6						
8,0 a 9,0	18850	1,6						
9,0 a 10,0	18851	1,3						
10,0 a 11,0	18852	1,8						
11,0 a 12,0	18853	1,2						
12,0 a 13,0	18854	7,3						
13,0 a 14,0	18855	6,4						
14,0 a 15,0	18856	5,9						
15,0 a 16,0	18857	3,0						
16,0 a 17,0	18858	1,5						
17,0 a 18,0	18859	5,1						

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Cont. Furo: 2148-PM-265-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	18860/75	4,0						
19,0 a 20,0	18861	4,4						
20,0 a 21,0	18862	3,1						
21,0 a 22,0	18863	3,3						
22,0 a 23,0	18864	3,4						
23,0 a 24,0	18865	5,1						
24,0 a 25,0	18866	4,7						
25,0 a 26,0	18867	4,9						
26,0 a 27,0	18868	4,6						
27,0 a 28,0	18869	3,3						
28,0 a 29,0	18870	3,8						
29,0 a 30,0	18871	5,4						
30,0 a 31,0	18872	3,8						
31,0 a 32,0	18873	3,6						
32,0 a 33,0	18874	3,8						
33,0 a 34,0	18875	3,2						
34,0 a 35,0	18876	3,1						
35,0 a 36,0	18877	1,0						
36,0 a 37,0	18878	1,8						
37,0 a 38,0	18879	3,9						
38,0 a 39,0	18880	4,1						
39,0 a 40,0	18881	2,7						
40,0 a 41,0	18882	2,2						
41,0 a 42,0	18883	1,9						
42,0 a 43,0	18884	1,8						
43,0 a 44,0	18885	2,0						
44,0 a 45,0	18886	3,3						
45,0 a 46,0	18887	2,1						

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Cont. Furo: 2148-PM-265-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
46,0 a 47,0	18888/75	2,2						
47,0 a 48,0	18889	1,8						
48,0 a 49,0	18890	2,6						
49,0 a 50,0	18891	2,2						
50,0 a 51,0	18892	2,0						
51,0 a 52,0	18893	2,3						
52,0 a 53,0	18894	1,9						
53,0 a 54,0	18895	2,2						
54,0 a 55,0	18896	2,3						
55,0 a 56,0	18897	2,4						
56,0 a 57,0	18898	2,4						
57,0 a 58,0	18899	3,1						
58,0 a 59,0	18900	2,0						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB - SETOR MINÉRIOS

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2148-PM-266-MG

OBSERVAÇÃO:

	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	19586/75	< 0,5						
1,0 a 2,0	19587	< 0,5						
2,0 a 3,0	19588	< 0,5						
3,0 a 4,0	19589	< 0,5						
4,0 a 5,0	19590	< 0,5						
5,0 a 6,0	19591	< 0,5						
6,0 a 7,0	19592	< 0,5						
7,0 a 8,0	19593	< 0,5						
8,0 a 9,0	19594	< 0,5						
9,0 a 10,0	19595	< 0,5						
10,0 a 11,0	19596	< 0,5						
11,0 a 12,0	19597	< 0,5						
12,0 a 13,0	19598	< 0,5						
13,0 a 14,0	19599	< 0,5						
14,0 a 15,0	19600	< 0,5						
15,0 a 16,0	19601	< 0,5						
16,0 a 17,0	19602	< 0,5						

Cont. Furo: 2148-PM-266-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	19603/75	< 0,5						
18,0 a 19,0	19604	< 0,5						
19,0 a 20,0	19605	< 0,5						
20,0 a 21,0	19606	< 0,5						
21,0 a 22,0	19607	< 0,5						
22,0 a 23,0	19608	< 0,5						
23,0 a 24,0	19609	< 0,5						
24,0 a 25,0	19610	< 0,5						
25,0 a 26,0	19611	< 0,5						
26,0 a 27,0	19612	< 0,5						
27,0 a 28,0	19613	< 0,5						
28,0 a 29,0	19614	< 0,5						
29,0 a 30,0	19615	< 0,5						
30,0 a 31,0	19616	< 0,5						
31,0 a 32,0	19617	< 0,5						
32,0 a 33,0	19618	< 0,5						
33,0 a 34,0	19619	< 0,5						
34,0 a 35,0	19620	< 0,5						
35,0 a 36,0	19621	< 0,5						
36,0 a 37,0	19622	< 0,5						
37,0 a 38,0	19623	< 0,5						
38,0 a 39,0	19624	< 0,5						
39,0 a 40,0	19625	< 0,5						
40,0 a 41,0	19626	< 0,5						
41,0 a 42,0	19627	< 0,5						
42,0 a 43,0	19628	< 0,5						
43,0 a 44,0	19629	< 0,5						

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Cent. Furo: 2148-PM-266-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
44,0 a 4,50	19630/75	<0,5						
45,0 a 46,0	19631	<0,5						
46,0 a 47,0	19632	<0,5						
47,0 a 48,0	19633	<0,5						
48,0 a 49,0	19634	<0,5						
49,0 a 50,35	19635	<0,5						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB - SETOR MINÉRIOS

TIPO DE ANÁLISE: ESPECTROGRÁFICA

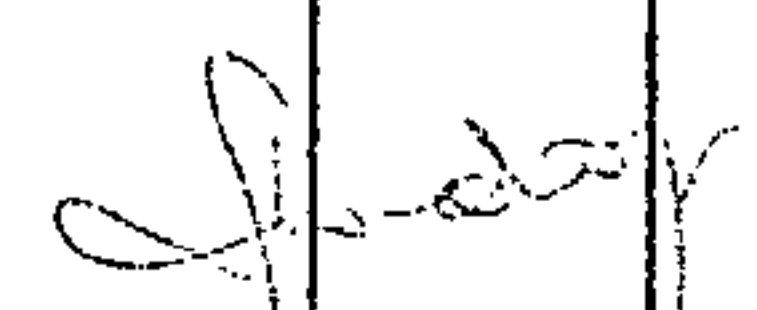
FURO DE SONDA: 2148-PM-267-MG

OBSERVAÇÃO:

	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	19639/75	< 0,5						
1,0 a 2,0	19640	< 0,5						
2,0 a 3,0	19641	0,5						
3,0 a 4,0	19642	< 0,5						
4,0 a 5,0	19643	< 0,5						
5,0 a 6,0	19644	< 0,5						
6,0 a 7,0	19645	< 0,5						
7,0 a 8,0	19646	< 0,5						
8,0 a 9,0	19647	< 0,5						
9,0 a 10,0	19648	< 0,5						
10,0 a 11,0	19649	< 0,5						
11,0 a 12,0	19650	< 0,5						
12,0 a 13,0	19651	< 0,5						
13,0 a 14,0	19652	< 0,5						
14,0 a 15,0	19653	< 0,5						
15,0 a 16,0	19654	< 0,5						
16,0 a 17,0	19655	< 0,5						
17,0 a 18,0	19656	< 0,5						

Cont. Furo: 2148-PM-267-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	19657/75	< 0,5						
19,0 a 20,0	19658	< 0,5						
20,0 a 21,0	19659	< 0,5						
21,0 a 22,0	19660	< 0,5						
22,0 a 23,0	19661	< 0,5						
23,0 a 24,0	19662	< 0,5						
24,0 a 25,0	19663	< 0,5						
25,0 a 26,0	19664	< 0,5						
26,0 a 27,0	19665	< 0,5						
27,0 a 28,0	19666	< 0,5						
28,0 a 29,0	19667	< 0,5						
29,0 a 30,0	19668	< 0,5						
30,0 a 31,0	19669	< 0,5						
31,0 a 32,0	19670	< 0,5						
32,0 a 33,0	19671	< 0,5						
33,0 a 34,0	19672	< 0,5						
34,0 a 35,0	19673	< 0,5						
35,0 a 36,0	19674	< 0,5						
36,0 a 37,0	19675	< 0,5						
37,0 a 38,0	19676	< 0,5						
38,0 a 39,0	19677	< 0,5						
39,0 a 40,0	19678	< 0,5						
40,0 a 41,0	19679	< 0,5						
41,0 a 42,0	19680	< 0,5						
42,0 a 43,35	19681	< 0,5						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE
PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB - SETOR DE MINÉRIOS

TIPO DE ANÁLISE: ESPECTROGRÁFICA

FURO DE SONDA: 2138-PM-268-MG

OBSERVAÇÃO:

	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	19684/75	< 0,5						
1,0 a 2,0	19685	< 0,5						
2,0 a 3,0	19686	< 0,5						
3,0 a 4,0	19687	< 0,5						
4,0 a 5,0	19688	< 0,5						
5,0 a 6,0	19689	< 0,5						
6,0 a 7,0	19690	< 0,5						
7,0 a 8,0	19691	< 0,5						
8,0 a 9,0	19692	< 0,5						
9,0 a 10,0	19693	< 0,5						
10,0 a 11,0	19694	< 0,5						
11,0 a 12,0	19695	< 0,5						
12,0 a 13,0	19696	< 0,5						
13,0 a 14,0	19697	< 0,5						
14,0 a 15,0	19698	< 0,5						
15,0 a 16,0	19699	< 0,5						
16,0 a 17,0	19700	< 0,5						

Cent. Furo: 2148-PM-268-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
17,0 a 18,0	19701/75	<0,5						
18,0 a 19,0	19702	<0,5						
19,0 a 20,0	19703	<0,5						
20,0 a 21,0	19704	<0,5						
21,0 a 22,0	19705	<0,5						
22,0 a 23,0	19706	<0,5						
23,0 a 24,0	19707	<0,5						
24,0 a 25,0	19708	<0,5						
25,0 a 26,0	19709	<0,5						
26,0 a 27,0	19710	<0,5						
27,0 a 28,0	19711	<0,5						
28,0 a 29,0	19712	<0,5						
29,0 a 30,0	19713	<0,5						
30,0 a 31,0	19714	<0,5						
31,0 a 32,0	19715	<0,5						
32,0 a 33,0	19716	<0,5						
33,0 a 34,0	19717	<0,5						
34,0 a 35,0	19718	<0,5						
35,0 a 36,0	19719	<0,5						
36,0 a 37,0	19720	<0,5						
37,0 a 38,0	19721	<0,5						
38,0 a 39,0	19722	<0,5						
39,0 a 40,0	19723	<0,5						
40,0 a 41,0	19724	<0,5						
41,0 a 42,0	19725	<0,5						
42,0 a 43,0	19726	<0,5						
43,0 a 44,0	19727	<0,5						

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Cent. Furo: 2148-PM-268-MG

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
44,0 a 45,0	19728/75	< 0,5						
45,0 a 46,0	19729	< 0,5						
46,0 a 47,0	19730	< 0,5						
47,0 a 48,0	19731	< 0,5						
48,0 a 49,0	19732	< 0,5						
49,0 a 50,0	19733	< 0,5						
50,0 a 51,10	19734	< 0,5						

Patricia
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BOLETINS DE ANÁLISES

TRINCHEIRAS

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-11/92-93

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6137/75	3,9						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-11/95-96

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3082/75	5,8						
02	3083	1,0						
03	3084	3,3						
04	3085	2,1						
05	3086	3,4						
06	3087	2,5						
07	3088	5,2						
08	3089	3,0						
09	3090	3,5						
10	3091	2,0						
11	3092	2,8						
12	3093	2,1						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-13/89-90

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	2987/75	0,6						
02	2988	0,5						
03	2989	0,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-13/93-94

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	6128/75	7,9						
02	6129	12,4	12,3	6,1	5,1			

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 Análises de Rochas

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-13/94-95

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3490/75	8,0						
02	3491	7,9						
03	3492	4,8						
04	3493	7,8						
05	3494	5,0						

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Minérios do SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-13/100-102

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3495/75	10,6	3,3	6,9	10,7			
02	3496	14,0	4,5	6,7	11,4			
03	3497	10,2	0,1	8,1	11,9			
04	3498	6,6						
05	3499	1,9						
06	3500	23,2	18,2	6,7	5,4			
07	3501	18,0	12,0	6,9	6,6			
08	3502	17,8	11,3	6,4	5,4			
09	3503	17,2	9,8	7,6	6,6			
10	3504	22,9	15,7	8,5	5,7			
11	3505	22,4	23,5	2,6	3,5			
12	3506	23,3	19,9	6,5	4,4			
13	3507	18,6	13,7	5,6	5,6			
14	3508	17,3	16,8	6,0	4,2			
15	3509	17,6	15,4	6,2	5,4			
16	3510	21,2	14,3	7,6	4,2			
17	3511	22,6	16,8	8,5	5,4			
18	3512	20,3	17,3	5,7	3,8			

94

Cont. Trincheira: T-LB-13/100-102

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
19	3513/75	18,1	14,1	5,3	5,0			
20	3514	20,6	14,0	8,0	5,2			
21	3515	22,4	21,0	6,9	4,4			
22	3516	21,8	22,4	5,6	3,9			
23	3517	22,7	22,4	6,2	4,6			
24	3518	22,4	18,2	7,9	4,6			
25	3519	21,2	14,8	9,4	5,4			
26	3520	23,9	21,8	7,4	4,3			
27	3521	22,3	19,6	7,4	4,9			
28	3522	23,7	25,5	6,4	3,4			
29	3523	20,8	18,2	6,9	5,6			

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-13/102-104

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3597/75	19,5	13,3	7,9	6,1			
02	3598	21,7	16,8	7,4	4,5			
03	3599	16,7	15,1	5,9	5,1			
04	3600	12,3	10,6	4,1	4,7			
05	3601	6,2						
06	3602	4,2						
07	3603	7,3						
08	3604	5,7						
09	3605	12,4	12,0	5,1	5,4			
10	3606	12,5	10,3	4,2	5,4			
11	3607	17,0	16,4	4,3	3,9			
12	3608	18,9	22,1	5,7	4,2			
13	3609	22,1	24,3	5,9	3,9			
14	3610	19,2	17,3	6,4	4,9			
15	3611	20,7	19,0	7,4	4,8			
16	3612	23,3	26,0	6,0	4,1			
17	3613	21,1	22,1	5,1	4,4			
18	3614	21,7	25,7	6,2	3,9			

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Cont. Trincheira: T-LB-13/102-104

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
19	3615/75	18,8	17,6	5,9	5,1			
20	3616	16,1	11,5	6,4	5,4			
21	3617	17,4	14,5	7,3	5,9			
22	3618	12,3	11,5	4,6	5,4			
23	3619	10,5	9,2	4,7	5,1			
24	3620	14,0	12,3	5,3	4,9			
25	3621	17,8	13,7	6,6	4,7			
26	3622	15,9	12,3	6,1	5,7			
27	3623	15,3	13,4	4,8	3,9			
28	3624	15,8	12,6	5,1	4,2			
29	3625	13,9	10,9	4,8	5,6			
30	3626	19,2	14,5	5,3	5,1			
31	3627	17,3	15,7	4,6	4,6			
32	3628	19,4	16,8	6,1	4,9			
33	3629	18,1	16,8	5,1	4,4			
34	3630	19,7	18,2	6,1	4,9			
35	3631	19,5	20,3	3,8	4,2			
36	3632	16,9	15,4	4,8	5,0			
37	3633	19,8	19,4	3,6	5,0			

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-13/109-110

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6136/75	<0,5						

Patricia de Padua Marques

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-14/89-90

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	2990/75	0,4						
02	2991	0,4						
03	2992	0,4						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-14/94-95

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3524/75	6,3						
02	3525	3,4						
03	3526	1,6						
04	3527	4,4						
05	3528	2,7						
06	3529	2,0						
07	3530	5,7						
08	3531	5,0						
09	3532	1,6						
10	3533	3,1						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

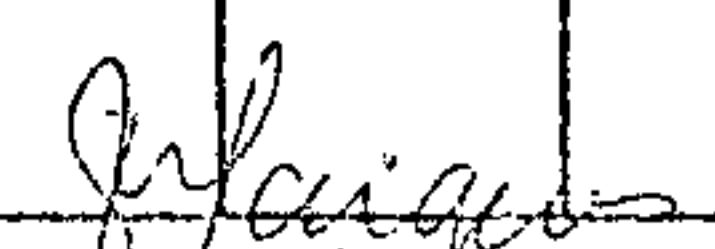
LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-14/95-96

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	2993/75	1,5						
02	2994	2,0						
03	2995	2,3						
04	2996	1,7						
05	2997	0,7						
06	2998	1,4						
07	2999	1,6						
08	3000	2,3						
09	3001	2,8						
10	3002	2,0						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS

SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-15/88-89A

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3397/75	0,2						
02	3398	0,2						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-15/88-89-B

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3003/75	3,0						
02	3004	0,8						
03	3005	0,7						
04	3006	1,7						
05	3007	1,8						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-15/94-95

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3008/75	3,3						
02	3009	3,0						
03	3010	3,2						
04	3011	3,2						
05	3012	3,4						
06	3013	5,3						
07	3014	4,3						
08	3015	5,2						
09	3016	4,4						
10	3017	3,7						

Patricia de Padua Marques
 PATRÍCIA DE PADUA MARQUES

Química - CRQ 522 - S

Responsável pelo Setor de

Materiais de SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB


TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-15/95-96

OBSERVAÇÃO: **Dosado por via úmida.

***Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3534/75	3,2						
02	3535	5,9						
03	3536	2,7						
04	3537	4,2						
05	3538	13,4	12,3	5,2	4,9			
06	3539	10,0	7,5	4,1	4,4			
01A	3540	1,8						
02A	3541	1,0						
03A	3542	0,8						
04A	3543	1,8						


 PATRICIA DE PAOJA MABOUE
 Química - CRO 532 8
 Responsável pelo setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE
PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-15/98-99

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	6130/75	12,6	3,9	9,0	6,8			
02	6131	12,6	7,3	7,1	5,6			

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE.

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-15/107-108

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3094/75	0,7						
02	3095	0,6						
03	3096	0,6						
04	3097	0,5						
05	3098	0,5						
06	3099	0,5						
07	3100	0,5						
08	3101	0,5						
09	3102	0,5						
10	3103	0,5						
11	3104	0,4						
12	3105	0,4						

Patricia de Paiva Marques
 PATRÍCIA DE PAIVA MARQUES

Química - CFQ 532 - S

Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/89-90

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3634/75	1,5						
02	3635	0,8						
03	3636	0,5						
04	3637	2,5						


 PATRICIA DE FADO
 Química - CRQ 532 S
 Responsável pelo Setor de
 Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

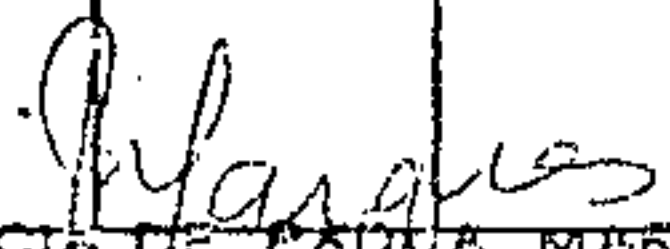
LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/90-91

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3544/75	1,1						
02	3545	1,5						
03	3546	1,7						
04	3547	0,5						
05	3548	3,0						
06	3549	1,2						
07	3550	1,2						
08	3551	0,8						
09	3552	0,8						
10	3553	1,1						
11	3554	0,9						
12	3555	2,2						
13	3556	5,1						
14	3557	4,0						
15	3558	4,2						
16	3559	3,2						
17	3560	5,0						
18	3561	3,2						
19	3562	4,0						


 PATRÍCIO DE PADUA MARQUES
 Química - CPF 532 5
 Responsável pelo Setor de
 Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/91-92

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3638/75	1,7						
02	3639	1,5						
03	3640	0,8						
04	3641	1,7						
05	3642	6,4						
06	3643	10,2	7,8	4,1	3,6			

Patricia de Padua Margues
 PATRICIA DE PADUA MARGUES

Química - CFC 537 - S
 Responsável pelo Setor de
 Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/93-94

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3563/75	2,3						
02	3564	2,7						
03	3565	3,0						
04	3566	2,7						
05	3567	1,0						
06	3568	0,8						
07	3569	1,0						
08	3570	1,0						


 PATRÍCIA DE PADUA MARQUES
 Química - CRO 539 S
 Responsável pelo Setor de
 Minérios do SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/94-95

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3051/75	2,9						
02	3052	3,1						
03	3053	3,3						
04	3054	3,6						
05	3055	3,3						
06	3056	4,6						
07	3057	7,1						
08	3058	4,4						
09	3059	5,6						
10	3060	6,4						
11	3061	7,1						
12	3062	6,4						
13	3063	7,9						
14	3064	6,8						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB


TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/100-101

OBSERVAÇÃO: *** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	
01	3571/75	19,8	9,8	8,7	6,0		
02	3572	21,0	13,0	7,9	5,4		
03	3573	18,5	9,4	7,4	8,1		


 PATRÍCIA DE PAÓUA MARQUES
 Química - CRQ 532 S
 Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE
PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-17/104-105

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3078/75	3,0						
02	3079	2,0						
03	3080	2,4						
04	3081	1,9						

Patricia de Padua Marques
 PATRÍCIA DE PADUA MARQUES
 Química - CRO 532 B
 Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO FATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-18/99-100

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6118/75	2,0						
02	6119	2,3						
03	6120	2,3						
04	6121	2,4						
05	6122	2,0						
06	6123	3,5						
07	6124	2,0						
08	6125	4,0						

Patricia de Paiva Marques
PATRICIA DE PAIVA MARQUES

Química - CNQ 532 S
Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE
PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-19/87-88

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3644/75	2,1						
02	3645	1,3						
03	3646	4,2						


 PATRÍCIA DE PADUA MARQUES
 Química - CRQ 532 - S
 Responsável pelo Setor 40


COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB
TIPO DE ANÁLISE: ESPECTROGRÁFICA
TRINCHEIRA: T-LB-19/89-90
OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3327/75	4,7						
02	3328	1,8						
03	3329	7,9						
04	3330	3,8						
05	3331	1,9						
06	3332	1,1						
07	3333	1,1						
08	3334	4,0						
09	3335	3,2						
10	3336	2,2						
11	3337	4,3						
12	3338	3,7						
13	3339	1,1						
14	3340	3,3						
15	3341	3,0						
16	3342	0,7						


PATRÍCIA DE PADUA MARQUES
Química - CRQ 522 S
Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-19/98-99-A

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3018/75	22,1						
02	3019	23,1						
03	3020	19,6						
04	3021	21,6						

Patricia Marques
PATRÍCIA DE PAQUA MARQUES
Química - CEQ 522 S
Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-19/98-99-B

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F..	CO ₂	
01	3022/75	2,7						
02	3023	3,7						
03	3024	2,6						
04	3025	1,5						
05	3026	1,4						

Patricia Marques
PATRÍCIA DE PAZUA MARQUES
Química - CRO 532-S
Responsável pelo Setor de
SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-19/106-107

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3027/75	0,7						
02	3028	0,6						
03	3029	0,7						
04	3030	0,6						
05	3031	0,8						
06	3032	1,0						
07	3033	1,0						
08	3034	1,1						

Patricia Marques

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-21/94-95

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6132/75	3,2						
02	6133	3,2						

Patricia de Paula Marques
PATRICIA DE PAULIA MARQUES
Química - C.F.Q. 537 S
Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-21/97-98

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE I.A.B.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	6141/75	10,0	10,1	4,1	4,5			

P. Paiva
PATRICIA DE PAIVA MARQUES

Química - CRQ 532 S

Responsável pelo setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-21/108-109-A

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	2979/75	0,6						
02	2980	0,6						
03	2981	1,9						
04	2982	0,6						

[Assinatura]
PATRICIA DE PADUA MARQUES

Química - CPQ 537 3/

Responsável pelo Setor de

Minérios de Sólidos

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-21/108-109-B

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	2983/75	0,6						
02	2984	0,7						
03	2985	0,7						
04	2986	0,7						


PATRÍCIA DE PAIVA MARQUES
Química - CRO 552-B
Responsável pelo Setor de
Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-23/84-85

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%	
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F		CO ₂
01	3647/75	6,0						
02	3648	6,0						
03	3649	8,7						
04	3650	5,4						
05	3651	4,3						
06	3652	6,3						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-23/85-86

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3065/75	6,2						
02	3066	8,3						
03	3067	5,2						
04	3068	5,6						
05	3069	4,9						
06	3070	4,5						
07	3071	5,9						
08	3072	5,7						
09	3073	5,5						
10	3074	5,1						
11	3075	5,9						
12	3076	3,2						
13	3077	4,5						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-23/93-94

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3653/75	0,6						
02	3654	0,7						
03	3655	0,8						
04	3656	0,6						

Patricia de Padua Maro
 PATRICIA DE PADUA MARO
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-23/94-95.

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3657/75	1,0						
02	3658	0,7						
03	3659	0,3						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-23/100-101

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6142/75	4,5						

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Responsável pelo laboratório

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-23/106-107

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3574/75	3,5						
02	3575	1,8						
03	3576	2,9						
04	3577	4,3						
05	3578	4,9						
06	3579	4,3						
07	3580	5,0						
08	3581	8,1						
09	3582	6,9						
10	3583	8,4						
11	3584	6,6						
12	3585	2,5						
13	3586	3,4						
14	3587	3,2						
15	3588	4,4						
16	3589	4,6						
17	3590	3,5						
18	3591	2,2						

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Cont. Trincheira: T-LB-23/106-107

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
19	3592/75	1,9						
20	3593	6,7						
21	3594	1,6						
22	3595	2,5						
23	3596	4,5						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-25/84-85

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3660/75	1,2						
02	3661	2,6						
03	3662	1,8						
04	3663	2,4						
05	3664	3,8						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-25/86-87

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3665/75	3,5						
02	3666	1,6						
03	3667	0,8						
04	3668	3,4						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-25/92-93

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6126/75	5,6						
02	6127	6,1						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-25/103-104

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	
01	3669/75	5,9					
02	3670	8,3					
03	3671	9,5	7,8	3,3	5,7		

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

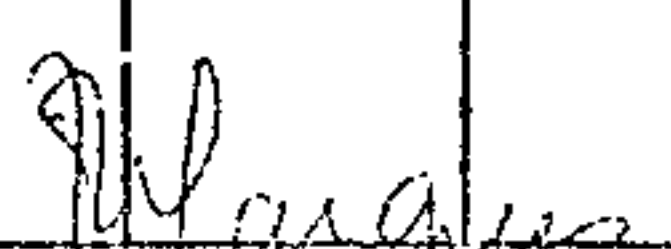
LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-25/104-105

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3672/75	6,8						
02	3673	5,3						
03	3674	2,5						
04	3675	2,7						
05	3676	3,7						
06	3677	1,0						
07	3678	0,8						
03	3679	<0,5						


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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-27/90-91

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6139/75	9,2						

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PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-27/95-96

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6134/75	1,2						
02	6135	3,3						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-27/97-98

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3680/75	0,7						
02	3681	0,7						
03	3682	1,2						
04	3683	0,7						

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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-27/98-99

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3684/75	4,4						
02	3685	2,4						
03	3686	3,0						
04	3687	2,5						
05	3688	2,2						
06	3689	6,9						
07	3690	5,6						
08	3691	8,1						
09	3692	17,6	21,3	4,6	4,1			
10	3693	14,8	16,3	4,1	5,3			
11	3694	12,0	14,5	4,6	5,5			
12	3695	14,4	16,6	5,3	4,6			
13	3696	6,4						

Patricia de Padua Marques
PATRÍCIA DE PADUA MARQUES

Química - CRQ 532-6

Responsável pelo Setor de

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-27/106-107

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3697/75	0,4						
02	3698	0,7						
03	3699	0,7						


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 Química - CRQ 532 - S
 Responsável pelo Setor 08

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-29/83-84

OBSERVAÇÃO:

NUMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6138/75	<0,5						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-29/88-89

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	3700/75	1,0						
02	3701	0,9						
03	3702	0,9						
04	3703	0,7						
05	3704	0,5						

Patricia de Padua Marques
 PATRICIA DE PADUA MARQUES

Química - CRQ 532 - B

Responsável pelo Setor 63

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO FATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-29/98-99

OBSERVAÇÃO:

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
01	6140/75	2,5						

PATRICIA DE PAIVA

Química - CRQ 539 8

Responsável pelo S2125 83

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-29/102-103-A

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3705/75	21,9	22,5	5,9	3,9			
02	3706	13,1	12,9	4,1	3,7			
03	3707	18,7	21,2	3,3	2,2			

Patrícia de Pádua Marques

PATRÍCIA DE PÁDUA MARQUES

Química - CRQ 532 8

Responsável pelo setor de

Mineração da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-29/102-103-B

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)					SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F.	
01	3709/75	14,7	10,8	4,8	5,5		
02	3710	13,1	9,3	5,6	6,5		
03	3711	11,3					

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

TRINCHEIRA: T-LB-29/103-104

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

NÚMERO DA AMOSTRA	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
01	3712/75	13,1	7,9	6,4	7,2			
02	3713	13,9	8,9	6,6	7,4			
03	3714	16,8	8,6	8,9	5,6			

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Responsável pelo Setor 63

BOLETINS DE ANALISES

POÇOS

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-1/99

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	9588/75	1,5						
1,0 a 2,0	9589	1,2						
2,0 a 3,0	9590	1,4						
3,0 a 4,0	9591	1,1						
4,0 a 5,0	9592	1,2						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-2/96

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	9593/75	2,1						
1,0 a 2,0	9594	0,7						
2,0 a 3,0	9595	0,5						
3,0 a 4,0	9596	0,5						
4,0 a 5,0	9597	0,5						

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PATRICIA DE PAIVA MARQUES

Química - CRO 532-S

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Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-2/102

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	8340/75	0,8						
1,0 a 2,0	8341	0,7						
2,0 a 3,0	8342	0,8						
3,0 a 4,0	8343	0,8						
4,0 a 5,0	8344	0,6						

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-3/103

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	8345/75	0,6						
1,0 a 2,0	8346	<0,5						
2,0 a 3,0	8347	<0,5						
3,0 a 4,0	8348	<0,5						
4,0 a 5,0	8349	<0,5						


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

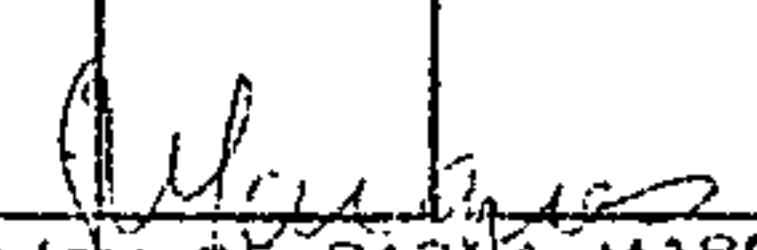
LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-5/105

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	8350/75	<0,5						
1,0 a 2,0	8351	<0,5						
2,0 a 3,0	8352	<0,5						
3,0 a 4,0	8353	<0,5						


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SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-7/105

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	8354/75	<0,5	<0,1	2,0	6,0			
1,0 a 2,0	8355	<0,5	<0,1	1,3	5,5			
2,0 a 3,0	8356	<0,5	<0,1	1,6	5,4			
3,0 a 4,0	8357	<0,5	<0,1	1,3	5,5			

Patricia de Padua Marques
 PATRÍCIA DE PADUA MARQUES

Química - CRO 532 - S

Responsável pelo Setor de

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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB


TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-8/107

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	8358/75	<0,5	<0,1	7,5	7,5			
1,0 a 2,0	8359	<0,5	<0,1	8,8	7,9			
2,0 a 3,0	8360	<0,5	<0,1	3,6	6,9			
3,0 a 4,0	8361	<0,5	<0,1	1,6	6,3			


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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

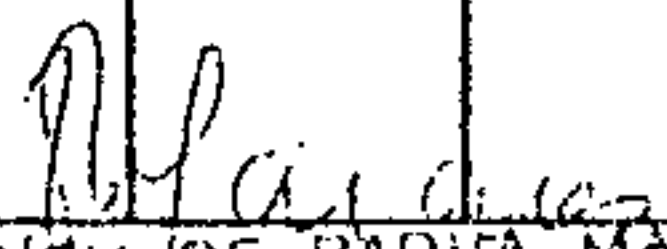
LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-13/95

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14980/75	1,2						
1,0 a 2,0	14981	2,0						
2,0 a 3,0	14982	5,0						
3,0 a 4,0	14983	5,2						
4,0 a 5,0	14984	8,0						
5,0 a 6,0	14985	5,7						
6,0 a 7,0	14986	3,6						
7,0 a 8,0	14987	2,5						
8,0 a 8,60	14988	1,5						


PATRÍCIA DE PADUA MARQUES
Química - CRQ 532-S
Responsável pelo Setor de
Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE
PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-13/96

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	8330/75	2,2						
1,0 a 2,0	8331	3,0						
2,0 a 3,0	8332	2,0						
3,0 a 4,0	8333	1,3						
4,0 a 5,0	8334	1,8						
5,0 a 6,0	8335	1,0						
6,0 a 7,0	8336	0,9						
7,0 a 8,0	8337	0,7						
8,0 a 9,0	8338	0,8						
9,0 a 10,0	8339	1,5						


PATRÍCIA DE PADUA MARQUES
Química - CPO 532 S
Responsável pelo Setor de
Minérios da S - D - AB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-13/97

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6021/75	21,4	15,9	10,2	5,6			
1,0 a 2,0	6022	22,0	25,2	5,7	3,4			
2,0 a 3,0	6023	22,1	26,3	5,7	3,7			
3,0 a 4,0	6024	20,7	25,2	8,0	3,9			
4,0 a 5,0	6025	18,8	23,5	4,1	3,8			
5,0 a 6,0	6026	16,2	21,0	3,8	4,5			
6,0 a 7,0	6027	18,8	25,7	3,4	3,4			
7,0 a 8,0	6028	18,8	25,2	5,0	3,4			
8,0 a 9,0	6029	16,7	22,1	2,4	3,1			
9,0 a 10,0	6030	19,6	25,2	4,6	2,9			

Patricia de Padua Marques
PATRICIA DE PADUA MARQUES

Oulmica - CRQ 532 - S

Responsável pelo Setor de

Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-13/98

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6011/75	17,5	0,8	18,2	6,9			
1,0 a 2,0	6012	15,0	2,5	12,7	8,0			
2,0 a 3,0	6013	20,7	18,7	6,1	5,6			
3,0 a 4,0	6014	16,4	16,2	7,1	5,4			
4,0 a 5,0	6015	15,8	16,5	6,1	4,2			
5,0 a 6,0	6016	17,7	17,6	5,6	4,6			
6,0 a 7,0	6017	12,7	16,2	4,9	4,9			
7,0 a 8,0	6018	12,1	15,4	2,8	4,3			
8,0 a 9,0	6019	9,5	13,7	3,4	4,6			
9,0 a 10,0	6020	13,8	17,9	4,7	4,1			

Patricia de Padua Marques
PATRÍCIA DE PADUA MARQUES
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Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

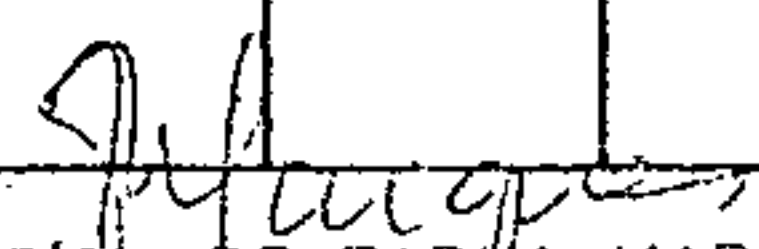
TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-13/100

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6053/75	12,9	0,6	10,2	6,9			
1,0 a 2,0	6054	7,5						
2,0 a 3,0	6055	12,5	8,1	6,6	6,4			
3,0 a 4,0	6056	12,5	12,6	6,4	5,1			
4,0 a 5,0	6057	9,7	11,7	4,6	4,6			
5,0 a 6,0	6058	15,0	15,9	3,7	4,8			
6,0 a 7,0	6059	11,6	12,0	3,2	4,7			
7,0 a 8,0	6060	13,5	13,4	4,7	4,6			
8,0 a 9,0	6061	11,3	12,3	3,4	4,2			
9,0 a 10,0	6062	8,0						


 PATRÍCIA DE PADUA MARQUES
 Química - CFO 532 S
 Responsável pelo Setor de
 Análises - SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB


TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-14/97

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6031/75	20,4	20,7	7,4	5,0			
1,0 a 2,0	6032	17,6	22,1	5,6	3,9			
2,0 a 3,0	6033	20,4	27,4	5,9	3,3			
3,0 a 4,0	6034	13,1	19,3	3,7	3,4			
4,0 a 5,0	6035	21,1	25,7	3,8	3,1			
5,0 a 6,0	6036	22,9	27,4	3,9	2,6			
6,0 a 7,0	6037	22,7	29,6	1,8	2,6			
7,0 a 8,0	6038	23,1	30,5	2,7	2,8			
8,0 a 9,0	6039	23,5	32,2	4,2	2,8			
9,0 a 10,0	6040	21,7	28,5	4,8	2,8			
10,0 a 11,0	6041	19,5	25,5	5,6	2,9			


 PATRÍCIA DE PAIVA MARQUES
 Química - CRO 532 - S
 Responsável pelo Setor de
 Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB


TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-14/98

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6063/75	17,7	17,3	6,0	3,4			
1,0 a 2,0	6064	12,8	13,4	3,2	3,2			
2,0 a 3,0	6065	9,4	10,3	4,4	3,1			
3,0 a 4,0	6066	12,3	14,0	1,8	2,6			
4,0 a 5,0	6067	11,3	12,6	2,8	2,9			
5,0 a 6,0	6068	9,8	10,6	4,8	4,5			
6,0 a 7,0	6069	10,5	11,2	4,4	4,0			
7,0 a 8,0	6070	14,7	17,3	4,3	4,1			
8,0 a 9,0	6071	8,5						
9,0 a 10,0	6072	10,0	10,6	3,9	3,7			


PATRICIA DE PAUJA MARQUES
Química - CPQ 532 S
Responsável pelo Setor de
Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB


TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-15/97

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6042/75	16,8	20,7	6,2	3,6			
1,0 a 2,0	6043	20,7	25,7	4,7	2,6			
2,0 a 3,0	6044	19,0	24,9	4,4	2,9			
3,0 a 4,0	6045	18,1	23,8	4,4	2,4			
4,0 a 5,0	6046	17,6	21,5	4,7	2,9			
5,0 a 6,0	6047	13,4	18,2	3,8	3,4			
6,0 a 7,0	6048	11,7	16,5	4,6	3,9			
7,0 a 8,0	6049	13,3	19,6	2,7	3,4			
8,0 a 9,0	6050	10,1	16,8	4,1	3,7			
9,0 a 10,0	6051	11,0	17,3	4,2	3,8			
10,0 a 11,0	6052	12,9	18,5	3,3	3,8			


 PATRICIA DE PADUA MARQUES
 Química - CRO 532 - S
 Responsável pelo Setor de
 Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-16/90

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12387/75	6,0						
1,0 a 2,0	12388	2,2						
2,0 a 3,0	12389	1,6						
3,0 a 4,0	12390	4,0						
4,0 a 5,0	12391	4,2						
5,0 a 6,0	12392	5,0						
6,0 a 7,0	12393	2,3						
7,0 a 8,0	12394	3,0						
8,0 a 9,0	12395	5,4						
9,0 a 10,0	12396	3,7						


PATRÍCIA DE PAIVA MARQUES
Química - CRQ 532 S
Responsável pelo Setor de
Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

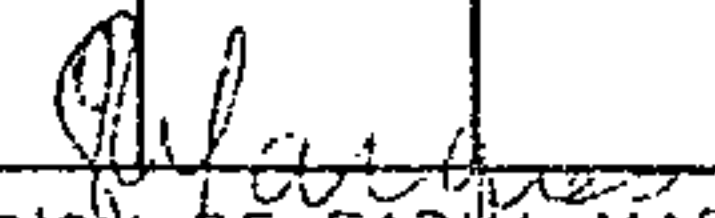
TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-16/96

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6103/75	18,9	18,2	6,1	3,7			
1,0 a 2,0	6104	15,1	21,5	6,1	3,2			
2,0 a 3,0	6105	18,6	23,5	5,5	3,3			
3,0 a 4,0	6106	17,0	22,4	5,2	2,6			
4,0 a 5,0	6107	19,2	26,6	4,3	2,6			
5,0 a 6,0	6108	14,8	21,5	5,6	3,2			
6,0 a 7,0	6109	16,5	24,5	2,5	2,8			
7,0 a 8,0	6110	20,2	29,1	3,4	2,5			
8,0 a 9,0	6111	21,0	26,6	4,3	2,6			
9,0 a 10,0	6112	18,5	26,6	4,2	3,4			
10,0 a 11,0	6113	17,5	22,1	3,7	3,5			
11,0 a 12,0	6114	20,8	26,9	5,3	3,1			
12,0 a 13,0	6115	20,6	28,8	5,1	3,1			
13,0 a 14,0	6116	19,3	23,8	4,4	2,9			
14,0 a 15,0	6117	19,0	25,5	5,1	2,9			


 PATRÍCIA DE PADUA MARQUES
 Química - CRQ 532 - S
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COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO:

TIPO DE ANÁLISE:

POÇO: P-LB-17/95

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6073/75	15,8	0,8	15,0	7,5			
1,0 a 2,0	6074	11,7	0,8	11,7	7,6			
2,0 a 3,0	6075	18,5	12,0	8,0	5,6			
3,0 a 4,0	6076	23,2	24,6	5,3	3,1			
4,0 a 5,0	6077	23,0	27,1	5,1	2,5			
5,0 a 6,0	6078	19,1	21,8	3,8	3,3			
6,0 a 7,0	6079	21,7	23,5	6,0	3,2			
7,0 a 8,0	6080	18,3	22,9	4,1	2,7			
8,0 a 9,0	6081	23,2	29,9	4,1	2,6			
9,0 a 10,0	6082	22,3	28,0	4,3	2,6			
10,0 a 11,0	6083	18,1	22,4	2,4	2,9			
11,0 a 12,0	6084	16,4	21,8	2,8	3,1			
12,0 a 13,0	6085	16,7	21,5	1,8	3,3			
13,0 a 14,0	6086	22,1						
14,0 a 15,0	6087	21,2	26,3	2,8	2,5			

PATRICIA DE PAQUA MARQUE

Química - CRQ 532-S

Responsável pelo Setor de

Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-17/100

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	6088/75	21,7	20,1	7,0	4,3			
1,0 a 2,0	6089	18,9	17,6	7,1	4,1			
2,0 a 3,0	6090	11,1	10,1	4,6	3,5			
3,0 a 4,0	6091	7,6						
4,0 a 5,0	6092	8,7						
5,0 a 6,0	6093	8,3						
6,0 a 7,0	6094	15,0	17,6	3,4	3,0			
7,0 a 8,0	6095	17,3	21,5	3,6	2,2			
8,0 a 9,0	6096	16,0	18,5	4,4	3,3			
9,0 a 10,0	6097	17,4	21,8	0,6	2,6			
10,0 a 11,0	6098	16,0	20,7	2,9	2,6			
11,0 a 12,0	6099	12,7	15,9	2,3	2,6			
12,0 a 13,0	6100	15,3	17,9	2,5	3,6			
13,0 a 14,0	6101	12,4	14,0	1,6	3,7			
14,0 a 15,0	6102	14,6	17,6	3,9	3,8			

PATRICIA DE PAQUA MAQUES

Química - C-20 B31-3

Responsável pelo Serviço de

Mineração da CPM

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-18/95

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	14989/75	11,7						
1,0 a 2,0	14990	9,6						
2,0 a 3,0	14991	15,0						
3,0 a 4,0	14992	22,0						
4,0 a 5,0	14993	21,5						
5,0 a 6,0	14994	22,4						
6,0 a 7,0	14995	20,6						
7,0 a 8,0	14996	18,5						
8,0 a 9,0	14997	20,7						
9,0 a 10,0	14998	23,2						
10,0 a 11,0	14999	22,2						
11,0 a 12,0	15000	18,5						
12,0 a 13,0	15001	16,2						
13,0 a 14,0	15002	12,4						
14,0 a 15,0	15003	15,4						

Patricia de Paula Marques
PATRICIA DE PAULA MARQUES
Química - CRQ 532-S
Responsável pelo Setor de
Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-18A₀/96

OBSERVAÇÃO: ** Dosado por via úmida.

*** Absorção atômica.

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	*** CaO	** Al ₂ O ₃	*** Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15019/75	3,1	<0,1	14,0	8,1			
1,0 a 2,0	15020	9,7	<0,1	14,3	7,3			
2,0 a 3,0	15021	4,1	<0,1	9,9	8,8			
3,0 a 4,0	15022	4,2	<0,1	6,5	8,3			
4,0 a 5,0	15023	4,4	<0,1	5,7	8,8			
5,0 a 6,0	15024	4,0	1,6	1,6	6,4			
6,0 a 7,0	15025	4,8	1,3	4,2	5,9			
7,0 a 8,0	15026	14,5	10,2	3,4	4,8			
8,0 a 9,0	15027	17,4	19,1	4,4	4,4			
9,0 a 10,0	15028	15,7	19,8	3,8	3,8			
10,0 a 11,0	15029	19,0	21,4	3,4	3,0			
11,0 a 12,10	15030	16,3	24,5	2,9	3,0			

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

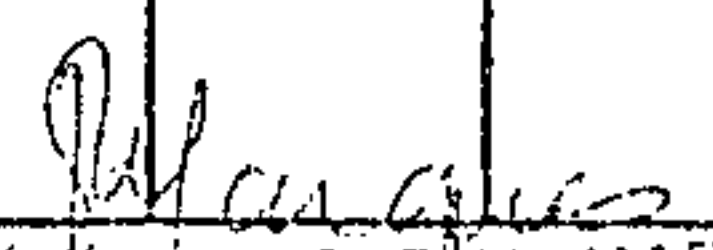
LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-18A/95

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	15004/75	12,1						
1,0 a 2,0	15005	13,2						
2,0 a 3,0	15006	14,1						
3,0 a 4,0	15007	15,0						
4,0 a 5,0	15008	8,7						
5,0 a 6,0	15009	9,9						
6,0 a 7,0	15010	7,3						
7,0 a 8,0	15011	6,2						
8,0 a 9,0	15012	9,7						
9,0 a 10,0	15013	11,6						
10,0 a 11,0	15014	7,8						
11,0 a 12,0	15015	9,1						
12,0 a 13,0	15016	12,1						
13,0 a 14,0	15017	8,4						
14,0 a 15,0	15018	7,5						


PATRÍCIA DE PADUA MARQUES
Química - CRO 532 S
Responsável pelo Setor de
Minérios da SECLAB

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO PATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-18a/97

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	7741/75	6,2						
1,0 a 2,0	7742	5,9						
2,0 a 3,0	7743	9,4						
3,0 a 4,0	7744	16,6						
4,0 a 5,0	7745	15,1						
5,0 a 6,0	7746	14,3						
6,0 a 7,0	7747	20,2						
7,0 a 8,0	7748	16,7						
8,0 a 9,0	7748-A	21,2						
9,0 a 10,0	17779	15,5						
10,0 a 11,0	17780	18,8						
11,0 a 12,0	17781	13,7						
12,0 a 13,0	17782	19,4						
13,0 a 14,0	17783	5,4						
14,0 a 15,0	17784	7,8						

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE
PROJETO PATOS DE MINAS
BOLETIM DE ANÁLISE


LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

POÇO: P-LB-19/98

OBSERVAÇÃO:

PROFUNDIDADE (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	12397/75	28,5						
1,0 a 2,0	12398	24,1						
2,0 a 3,0	12399	19,7						
3,0 a 4,0	12400	14,5						
4,0 a 5,0	12401	19,1						
5,0 a 6,0	12402	16,3						
6,0 a 7,0	12403	17,7						
7,0 a 8,0	12404	19,9						
8,0 a 9,0	12405	23,1						
9,0 a 10,0	12406	23,5						
10,0 a 11,0	12406-A	19,4						


PATRÍCIA DE PADUA MADRUGÃO
Química - CRQ 512 9
Responsável pelo setor de
Minérios da SECLAB

BOLETIM DE ANÁLISE

GALERIA

COMPANHIA DE PESQUISA DE RECURSOS MINERAIS
SUPERINTENDÊNCIA REGIONAL DE BELO HORIZONTE

PROJETO FATOS DE MINAS

BOLETIM DE ANÁLISE

LABORATÓRIO: SECLAB

TIPO DE ANÁLISE: ESPECTROGRÁFICA

GALERIA: 2148-PM-G1-MG

OBSERVAÇÃO:

DISTÂNCIA (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
0,0 a 1,0	17944/75	15,9						
1,0 a 2,0	17945	14,7						
2,0 a 3,0	17946	19,0						
3,0 a 4,0	17947	14,9						
4,0 a 5,0	17948	14,1						
5,0 a 6,0	17949	15,0						
6,0 a 7,0	17950	14,6						
7,0 a 8,0	17951	12,7						
8,0 a 9,0	17952	12,2						
9,0 a 10,0	17953	12,1						
10,0 a 11,0	17954	16,5						
11,0 a 12,0	17955	17,0						
12,0 a 13,0	17956	19,3						
13,0 a 14,0	17957	20,5						
14,0 a 15,0	17958	18,5						
15,0 a 16,0	17959	21,3						
16,0 a 17,0	17960	18,9						
17,0 a 18,0	17961	17,4						

Cont.Galeria: 2148-PM-G1-MG

DISTÂNCIA (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		F ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
18,0 a 19,0	17962/75	18,3						
19,0 a 20,0	17963	19,2						
20,0 a 21,0	17964	14,9						
20,0 a 21,0A	17965	21,0						
21,0 a 22,0	17966	20,4						
22,0 a 23,0	17967	19,8						
22,0 a 23,0A	17968	17,9						
23,0 a 24,0	17969	16,1						
23,0 a 24,0A	17970	18,3						
24,0 a 25,0	17971	17,7						
24,0 a 25,0A	17972	17,1						
25,0 a 26,0	17973	17,1						
25,0 a 26,0A	17974	19,4						
26,0 a 27,0	17975	20,0						
26,0 a 27,0A	17976	19,3						
27,0 a 28,0	17977	20,7						
27,0 a 28,0A	17978	21,4						
28,0 a 29,0	17979	18,5						
29,0 a 30,0	17980	17,4						
30,0 a 31,0	17981	19,0						
31,0 a 32,0	17982	19,3						
32,0 a 33,0	17983	16,5						
33,0 a 34,0	17984	16,1						
34,0 a 35,0	17985	20,5						
35,0 a 36,0	17986	18,5						
36,0 a 37,0	17987	19,0						
37,0 a 38,0	17988	19,0						

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Cent. Galeria: 2148-PM-G1-MG

DISTÂNCIA (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
38,0 a 39,0	17989/75	19,8						
39,0 a 40,0	17990	18,2						
40,0 a 41,0	17991	17,9						
41,0 a 42,0	17992	19,0						
42,0 a 43,0	17993	19,4						
43,0 a 44,0	17994	19,1						
44,0 a 45,0	17995	17,1						
45,0 a 46,0	17996	16,6						
46,0 a 47,0	17997	17,4						
47,0 a 48,0	17998	16,5						
48,0 a 49,0	17999	19,0						
49,0 a 50,0	18000	17,5						
50,0 a 51,0	18001	20,1						
51,0 a 52,0	18002	21,0						
52,0 a 53,0	18003	19,1						
53,0 a 54,0	18004	12,4						
54,0 a 55,0	18005	15,5						
55,0 a 56,0	18006	17,7						
56,0 a 57,0	18007	21,5						
57,0 a 58,0	18008	22,6						
58,0 a 59,0	18009	17,3						
59,0 a 60,0	18010	18,1						
60,0 a 61,0	18011	20,8						
61,0 a 62,0	18012	14,9						
62,0 a 63,0	18013	16,5						
63,0 a 64,0	18014	16,2						
64,0 a 65,0	18015	15,3						

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Cont. Galeria: 2148-PM-G1-MG

DISTÂNCIA (m)	Nº DE LAB.	ELEMENTOS DOSADOS (%)						SOL. CÍTRICA A 2%
		P ₂ O ₅	CaO	Al ₂ O ₃	Fe ₂ O ₃	F	CO ₂	
65,0 a 66,0	18016/75	14,5						
66,0 a 67,0	18017	15,8						
67,0 a 68,0	18018	16,0						
68,0 a 69,0	18019	17,2						
69,0 a 70,0	18020	13,8						
70,0 a 71,0	18021	18,3						
71,0 a 72,0	18022	17,7						
72,0 a 73,0	18023	13,7						
73,0 a 74,0	18024	16,7						
74,0 a 75,0	18025	14,0						
75,0 a 76,0	18026	14,7						
76,0 a 77,0	18027	19,6						
77,0 a 78,0	18028	7,1						
78,0 a 79,0	18029	17,4						
79,0 a 80,0	18030	13,9						
80,0 a 81,0	18031	8,9						
81,0 a 82,0	18032	7,0						
82,0 a 83,0	18033	6,1						
83,0 a 83,05	18034	5,6						

Patricia de Padua Marques
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