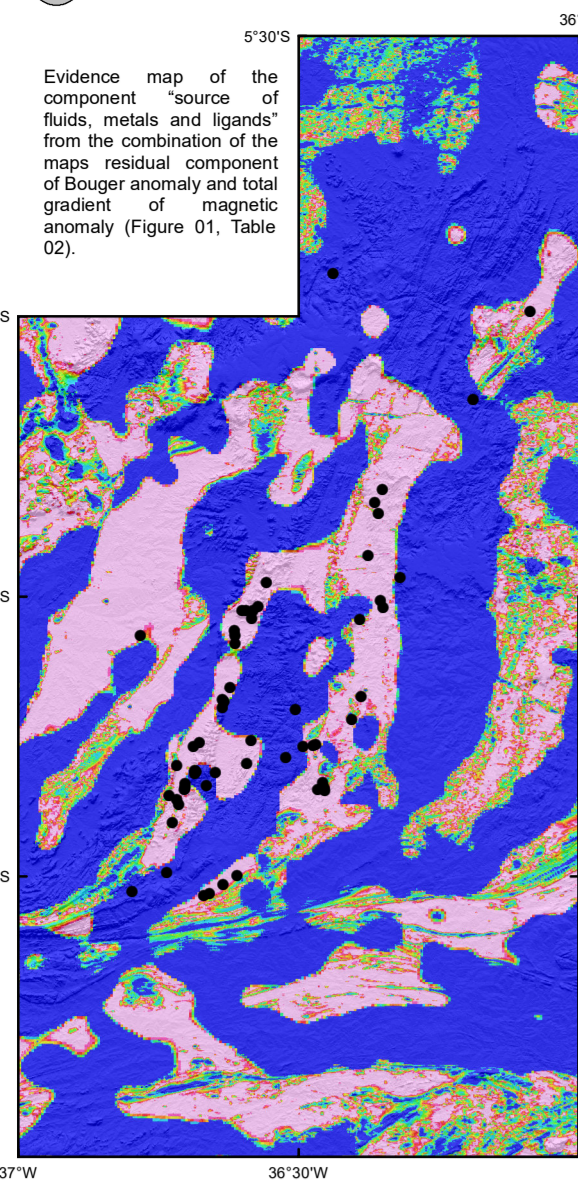
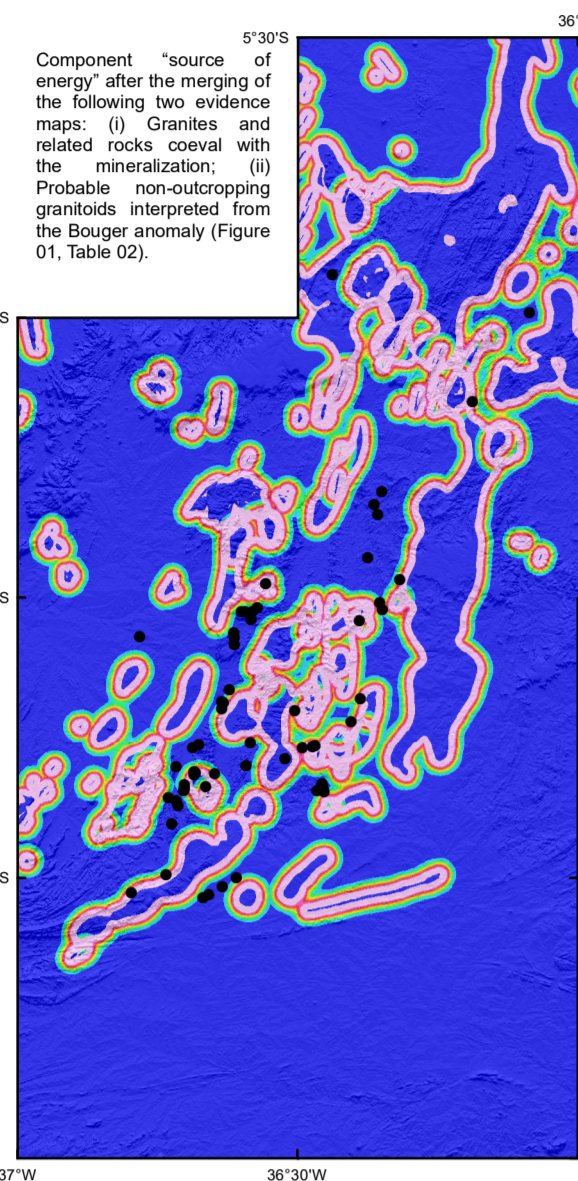


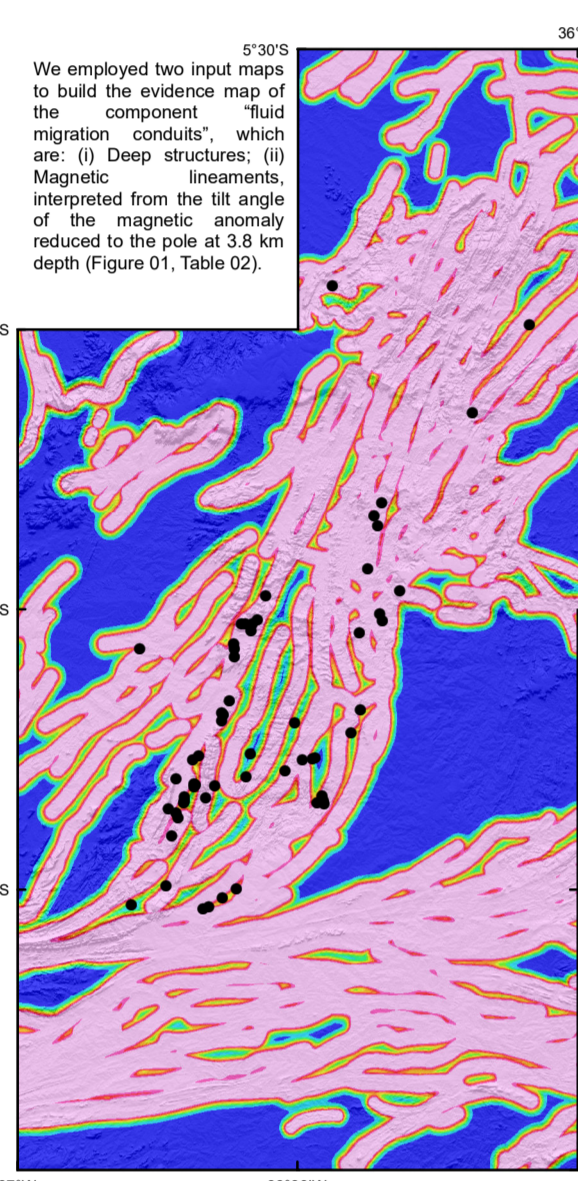
EVIDENCE MAPS



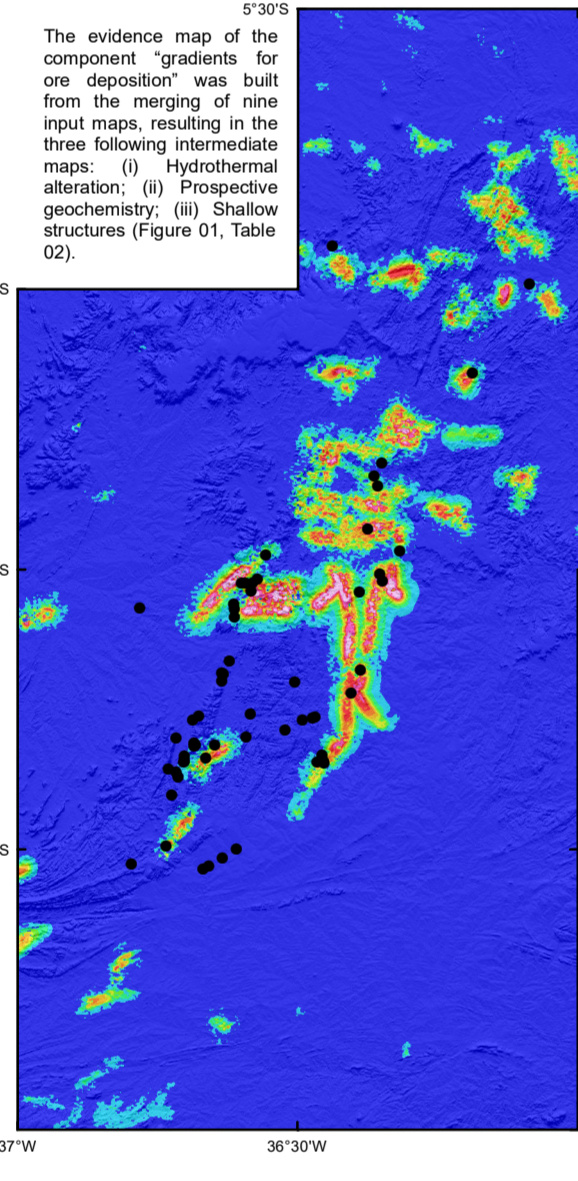
SOURCE OF ENERGY



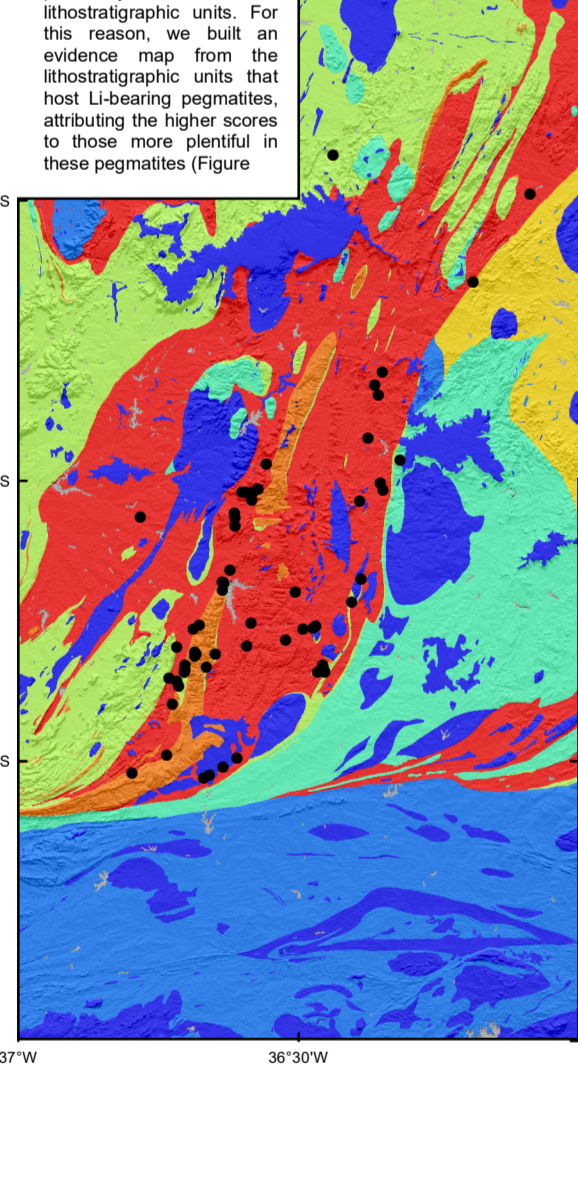
FLUID MIGRATION CONDUITS



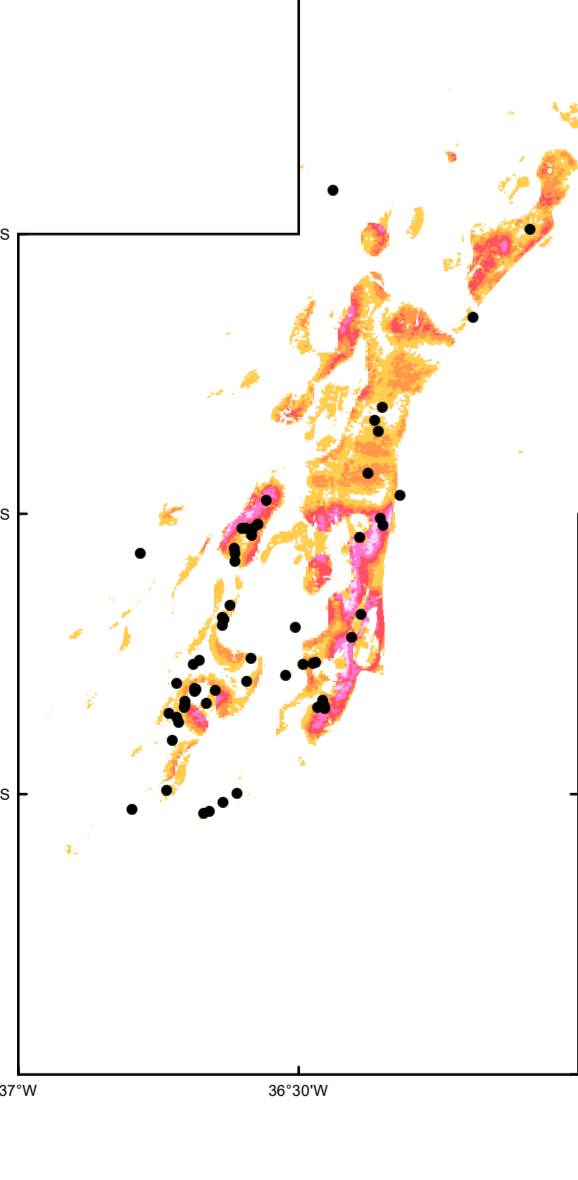
GRADIENTS FOR ORE DEPOSITION



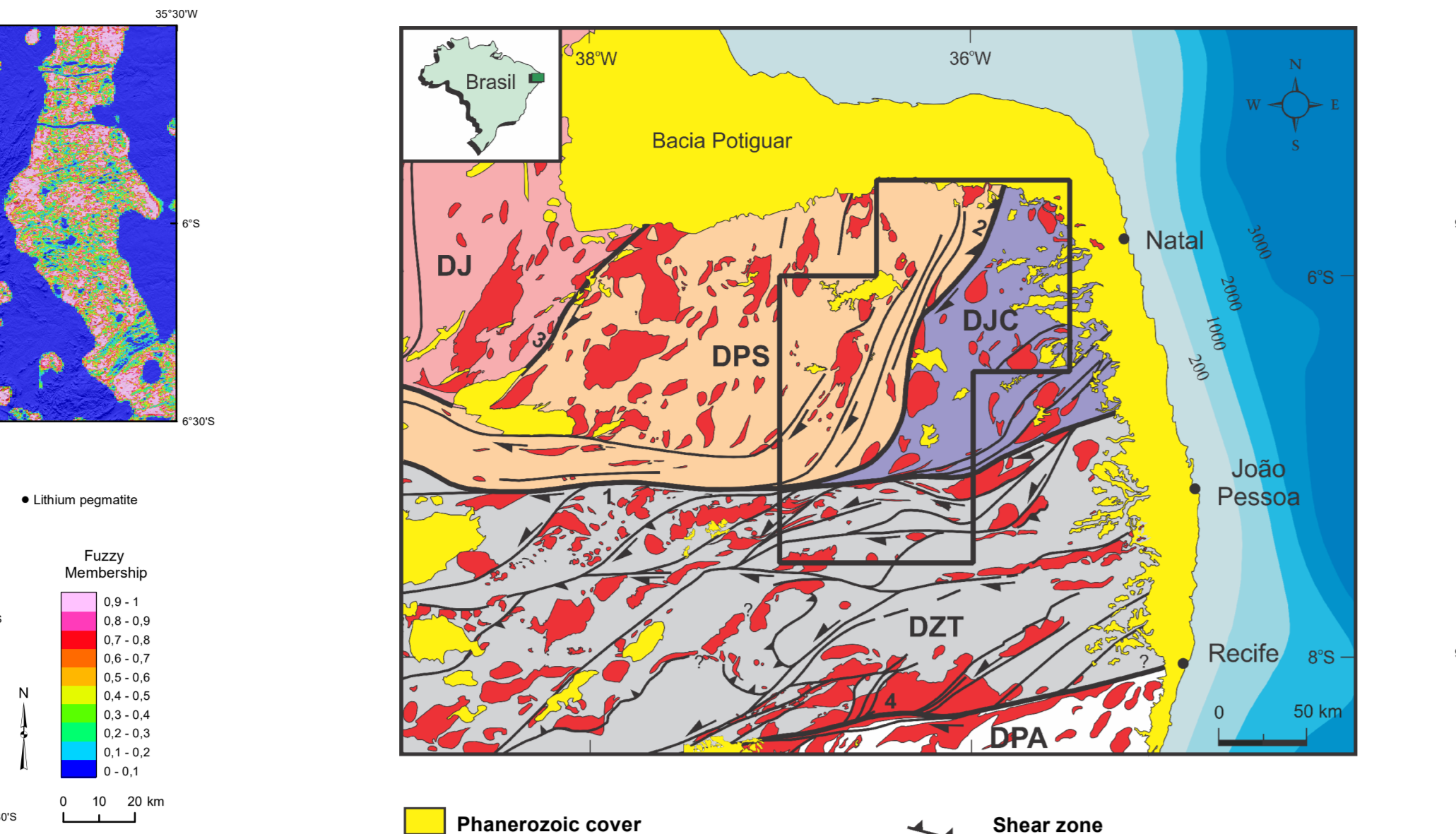
LITHOSTRATIGRAPHIC UNITS



FAVORABILITY MAP WITH 0.5 SCORES



TECTONIC MAP



- Phanerozoic cover
Brasílio-age granulite
DJ - Jaguaribe domain
DPS - Rio Piranhas-Seridó domain
DJC - São José do Campestre domain
DZT - Zona Transversal domain
DPA - Pernambuco-Alagoas domain

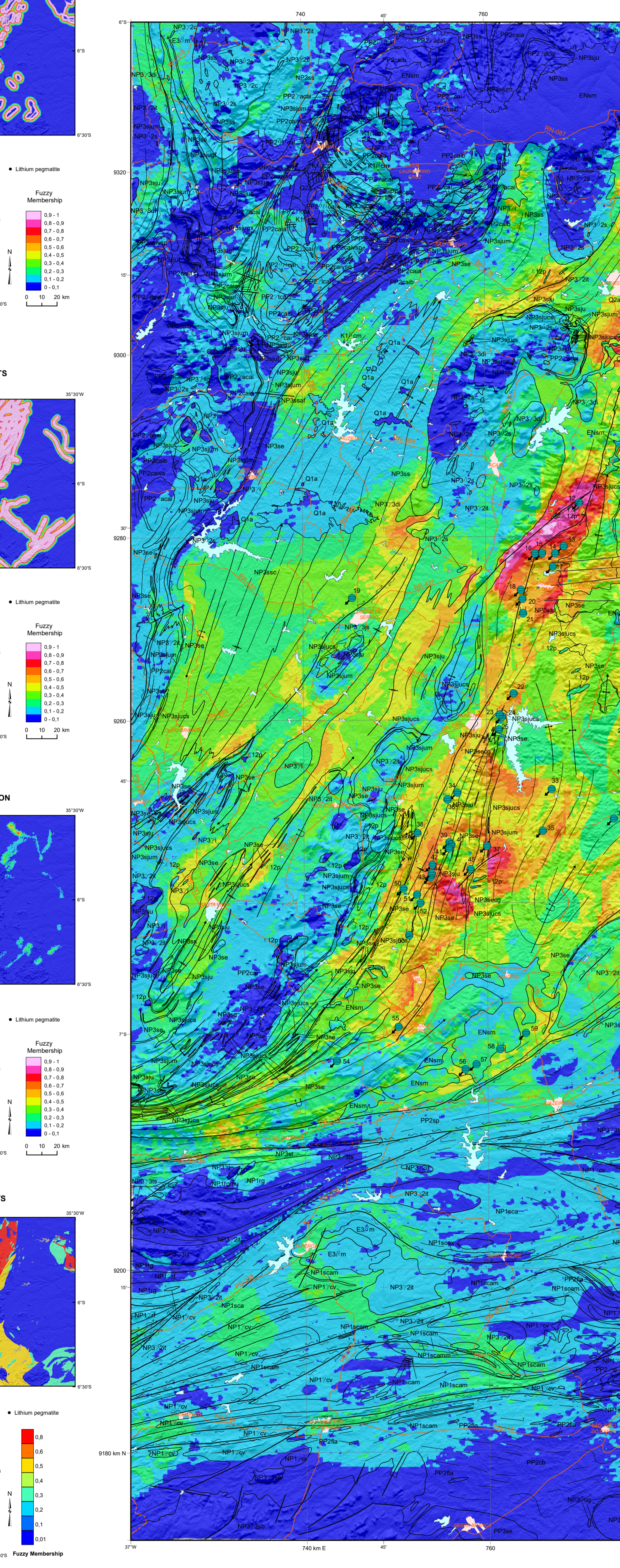


TABLE 01: LITHIUM PEGMATITES FROM THE BORBOREMA PEGMATITIC PROVINCE. Table with columns for ID, Name, City, UTM, Lithium Content, Direction, Altitude, Source, Status, and Geology.

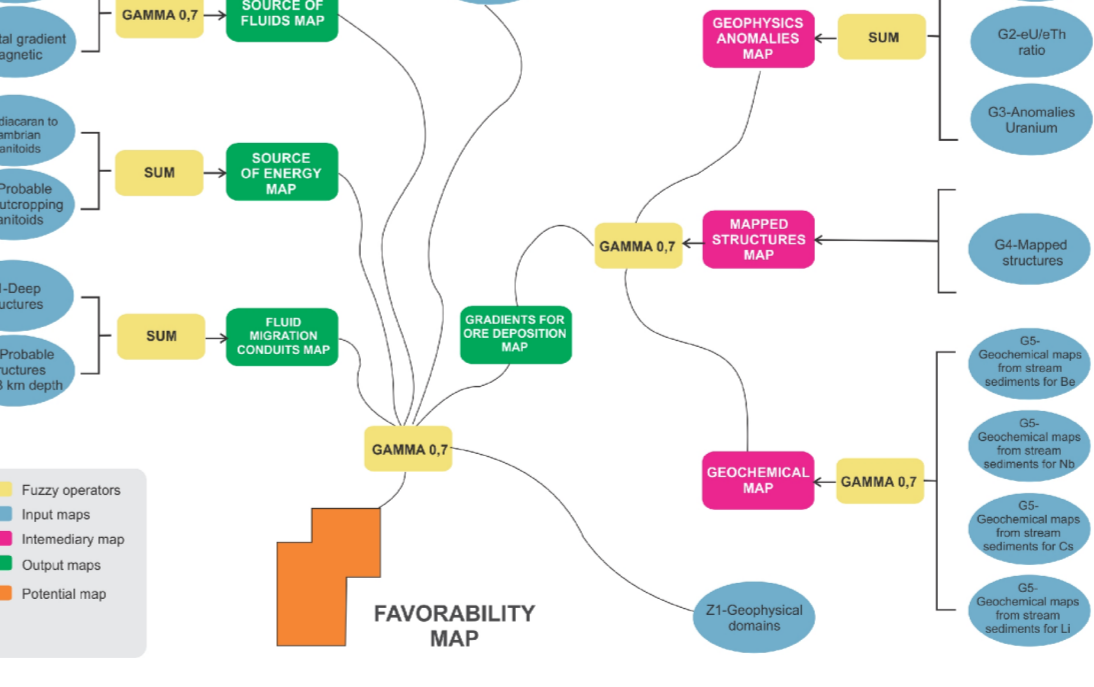
DATA INTEGRATION AND MODELING

The critical point in the application of Fuzzy Logic is the determination of membership... This model was developed using fuzzy logic...

MODEL VALIDATION

Information on occurrences of Lithium pegmatites... The model was validated using fuzzy logic...

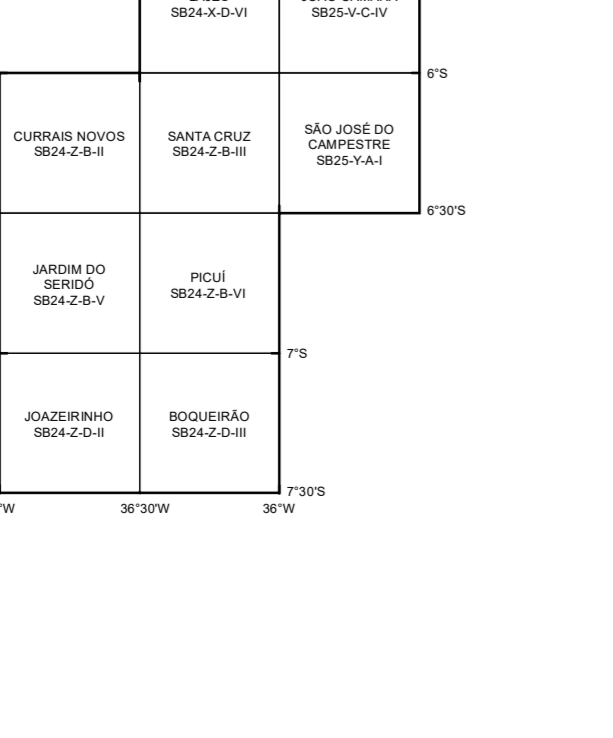
FIGURE 01: METHODOLOGICAL FLOWCHART



LITHOSTRATIGRAPHY

- Alumina-bearing acidic igneous rocks
Assent shallowly deposited sandy to siltstone...
Bacia das Matas Formosa: fine-grained to conglomeratic...
Campes Novas Formation: terrigenous...
Carnaíba Formation: calcareous...
Carnaíba Intrusive Suite: granitoid...
Carnaíba Metasediments: fine-grained...
Carnaíba Metasandstone: fine-grained...
Carnaíba Metagranite: fine-grained...
Carnaíba Metagabbro: fine-grained...
Carnaíba Metagabbro: fine-grained...
Carnaíba Metagabbro: fine-grained...

LOCATION OF THE STUDY AREA



MOSAIC OF CARTOGRAPHIC SHEETS

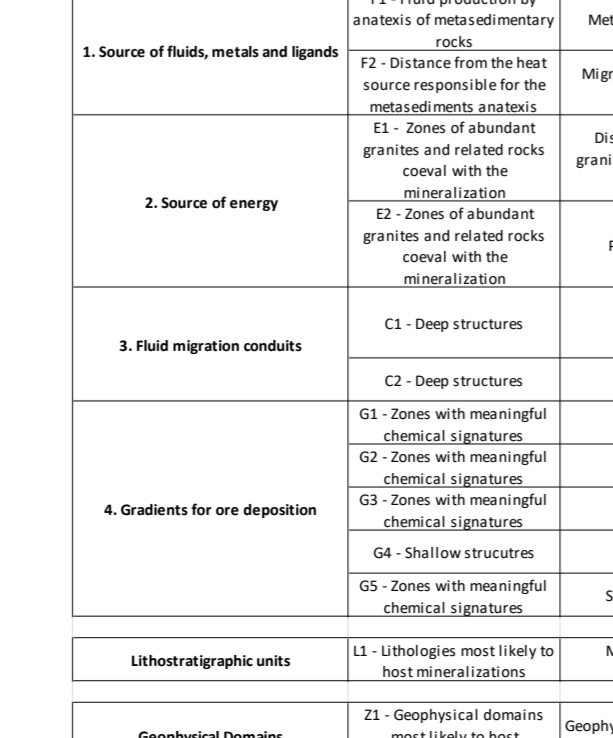


TABLE 02: COMPONENTS, THEORETICAL AND MAPPABLE CRITERIA, AND INPUT DATA FOR THE LITHIUM MINERAL SYSTEM PEGMATITE-RELATED

Table with columns for Component, Criteria, and Input Data for Lithium Mineral System Pegmatite-Related.

FAVORABILITY MAP FOR LITHIUM PEGMATITE OF THE BORBOREMA PEGMATITIC PROVINCE

