

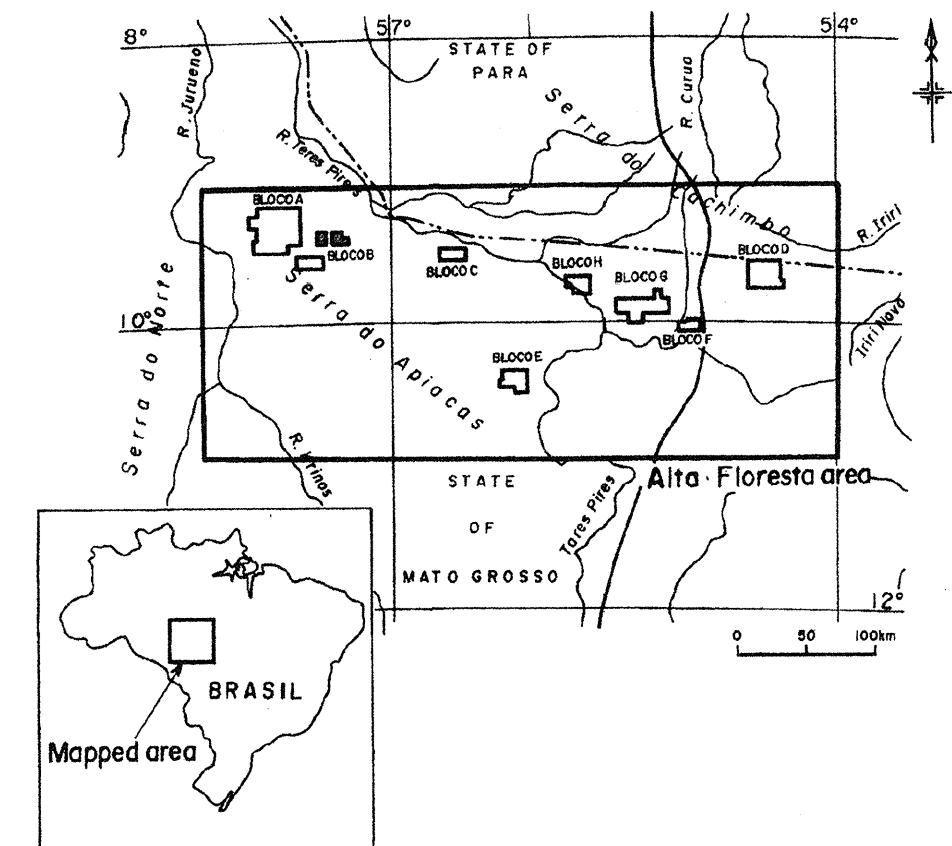
Plates

List of plates

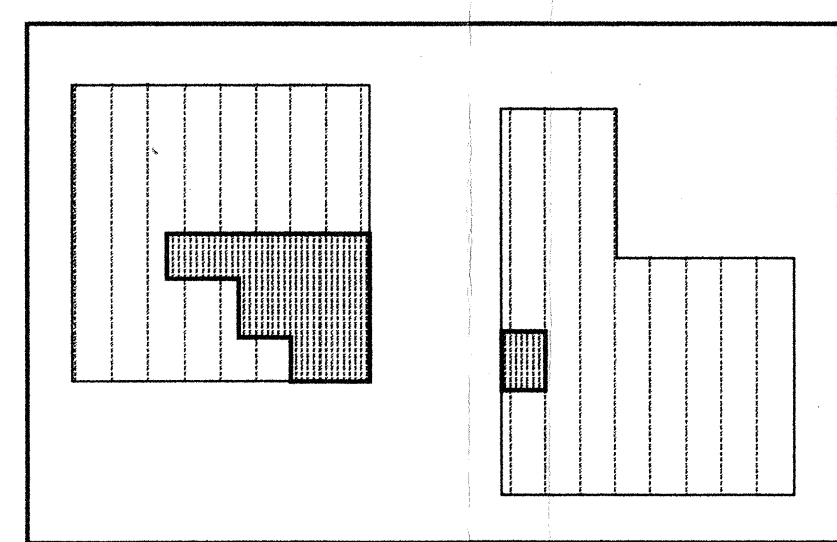
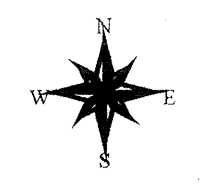
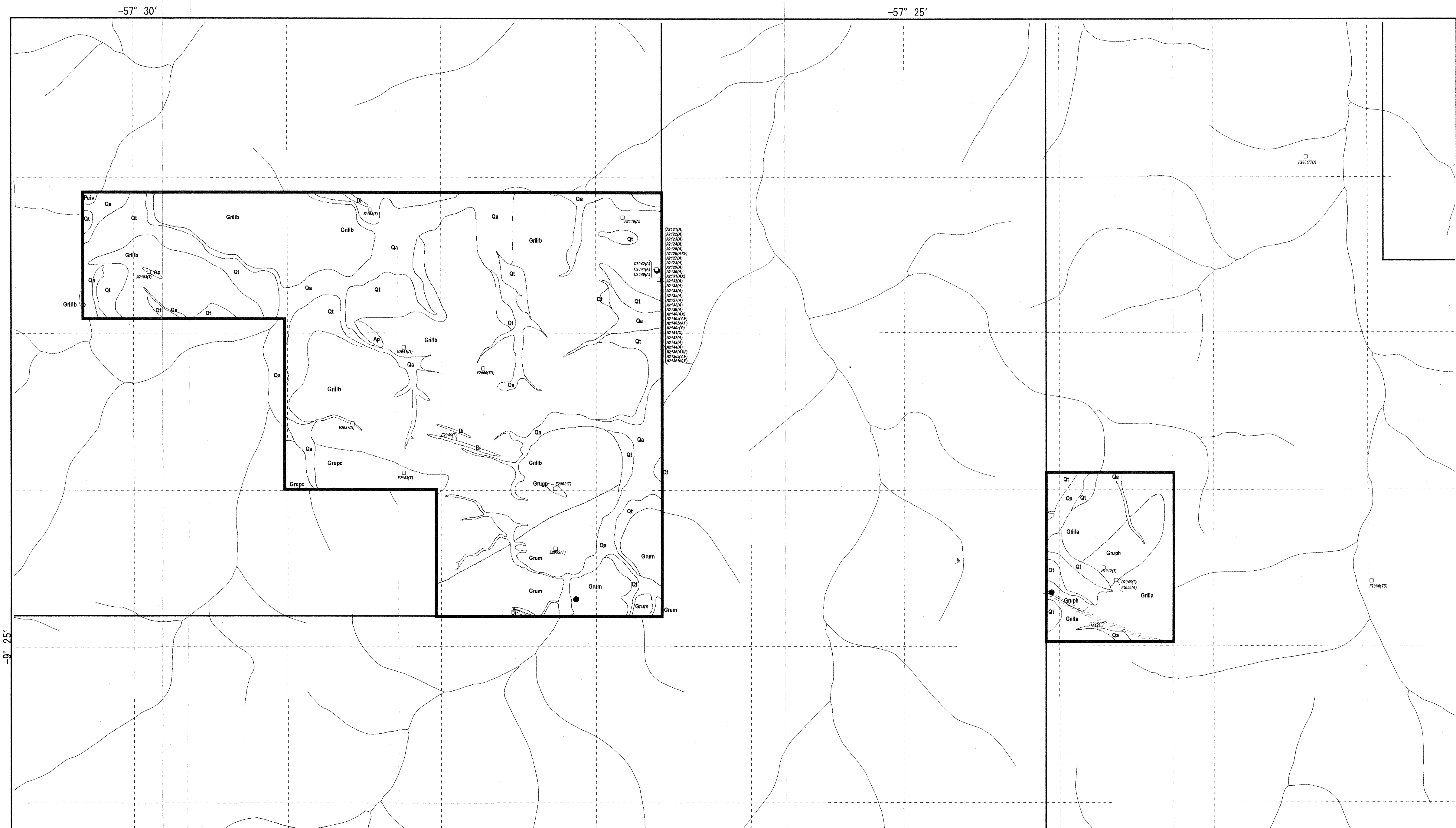
- Plate II-1-1 Sample location in Block B
- Plate II-1-2 Location map of soil and auger geochemical samples in Block B
- Plate II-1-3 Sample location in Block B South
- Plate II-2-1 Sample location in Block C
- Plate II-2-2 Location map of soil and auger geochemical samples in Block C
- Plate II-3-1 Geological map and cross section of the Serrinha do Guaranta in the Block F
- Plate II-3-2 Geological map and cross section of the Garimpo Aluizio in the Block F
- Plate II-3-3 Sample location in Block F
- Plate II-3-4 Location map of soil samples in Block F
- Plate II-4-1 Sample location in Block G
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PHASE II

Sample location in Block B



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Location of Phase II survey area

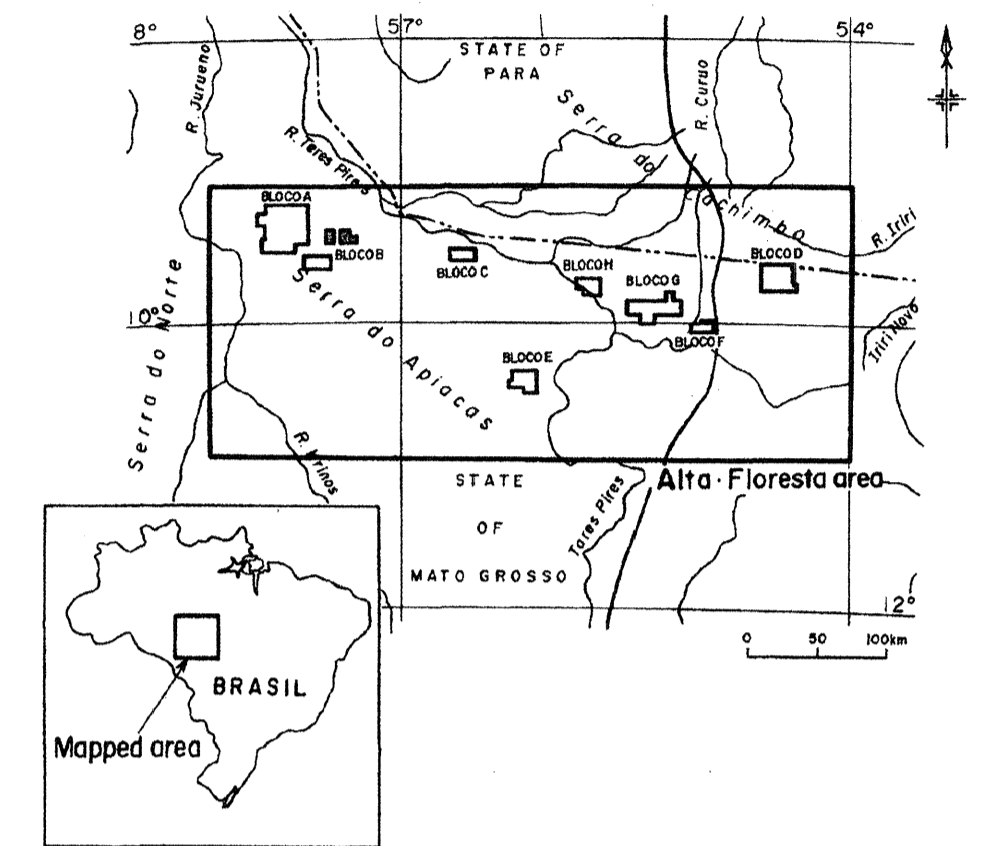
LEGEND

- | | | | |
|---------------------------|--|-----------------------------------|-----------------------------|
| Quaternary | Qa Gravels, sand, silt and clay. | Ap Aprite to fine granite. | Claim boundary |
| Alluvial deposits | Qt Gravels, sand, silt and clay. | Di Diabase. | Phase II survey area |
| Terrace deposits | | | River |
| Uatuma Group | Grupc Coarse, pinkish, potassium feldspar porphyritic, granite porphyry like, biotite granite. | Structure | |
| Teles Pires Granite | Grum Medium grained, biotite granite. | sheared zone. | |
| | Grupg Biotite granite porphyry | Mineralization | |
| | Gruph Coarse grained, quartz and potassium feldspar porphyritic, hornblende bearing biotite granodiorite. | Primary garimpo. | |
| Iriti Formation | Puiv Acidic volcanic rocks: biotite rhyolite and dacite. | Alluvial garimpo. | |
| | | | |
| Pre-Uatuma Granite | Grillb Medium grained, pinkish, potassium feldspar porphyritic, biotite granite. | | |
| | Grilla Medium grained, hornblende bearing biotite granite. | | |

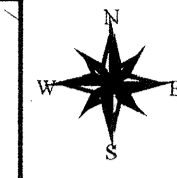
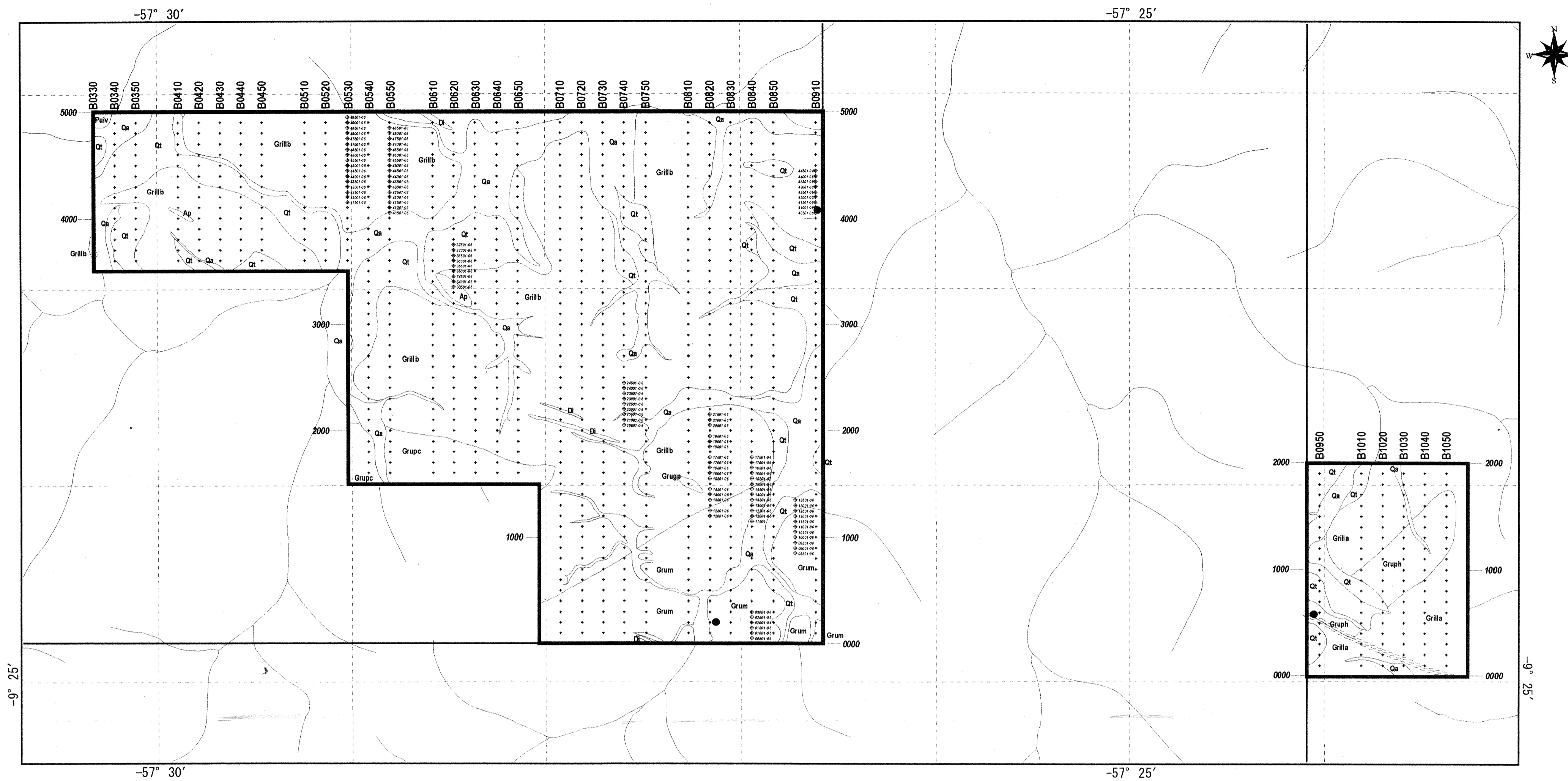
- Sample location**
- A2035 Analyzed sample
 - T Thin section
 - P Polished section
 - X X-ray diffraction analysis
 - F Fluid inclusion
 - D Dating
 - A Ore assay

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Location map of soil and auger
geochemical samples in Block B

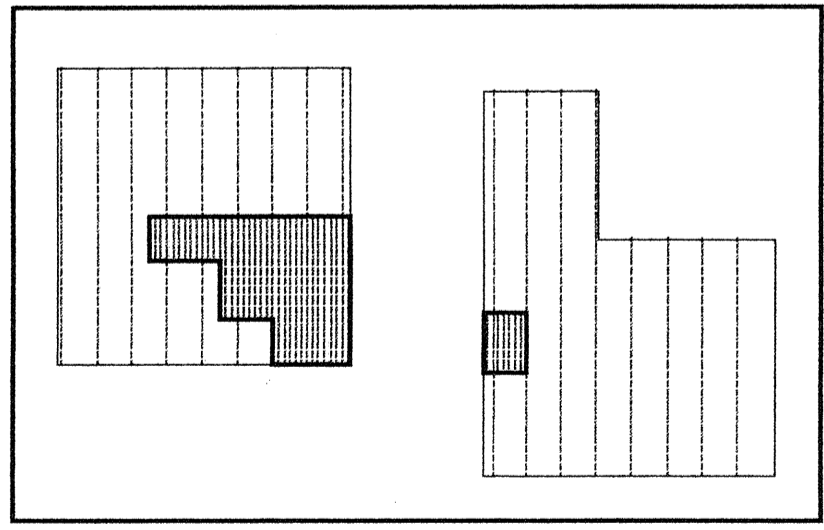


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FEBRUARY, 2000



LEGEND

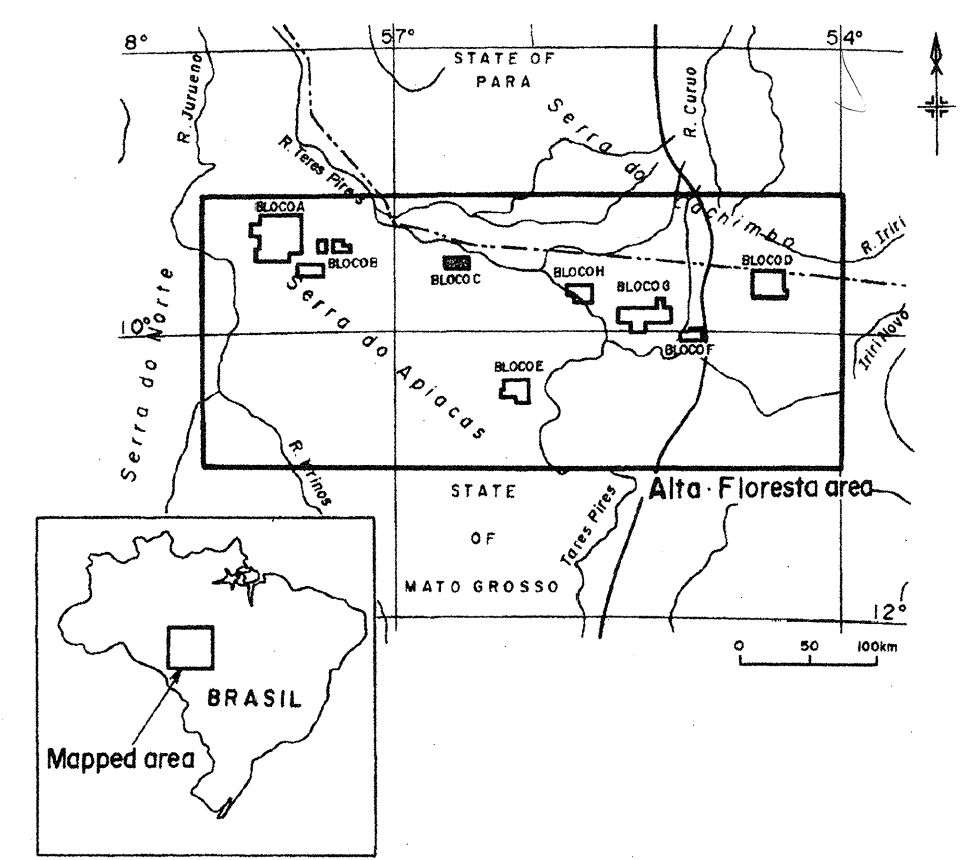
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|--|--|--|---|--|
| <p>Quaternary</p> <p>Alluvial deposits</p> <p>Terrace deposits</p> <p>Uatuma Group</p> <p>Teles Pires Granite</p> <p>Iniri Formation</p> <p>Pre-Uatuma Granite</p> | <p>Qa Gravels, sand, silt and clay.</p> <p>Qt Gravels, sand, silt and clay.</p> <p>Grupc Coarse, pinkish, potassium feldspar porphyritic, granite porphyry like, biotite granite.</p> <p>Grum Medium grained, biotite granite.</p> <p>Grupp Biotite granite porphyry</p> <p>Gruph Coarse grained, quartz and potassium feldspar porphyritic, hornblende bearing biotite granodiorite.</p> <p>Puiv Acidic volcanic rocks: biotite rhyolite and dacite.</p> <p>Grillb Medium grained, pinkish, potassium feldspar porphyritic, biotite granite.</p> <p>Grilla Medium grained, hornblende bearing biotite granite.</p> | <p>Dyke rock</p> <p>Ap Aprite to fine granite.</p> <p>Di Diabase.</p> <p>Structure</p> <p>sheared zone.</p> <p>Mineralization</p> <p>Primary garimpo.</p> <p>Alluvial garimpo.</p> | <p>Soil Sampling Point</p> <p>Line name</p> <p>Sampling point</p> <p>Sample number</p> <p>Auger Sampling Point</p> <p>Sampling point</p> <p>Sample number</p> | <p>Claim boundary</p> <p>Phase II survey area</p> <p>River</p> |
|--|--|--|---|--|



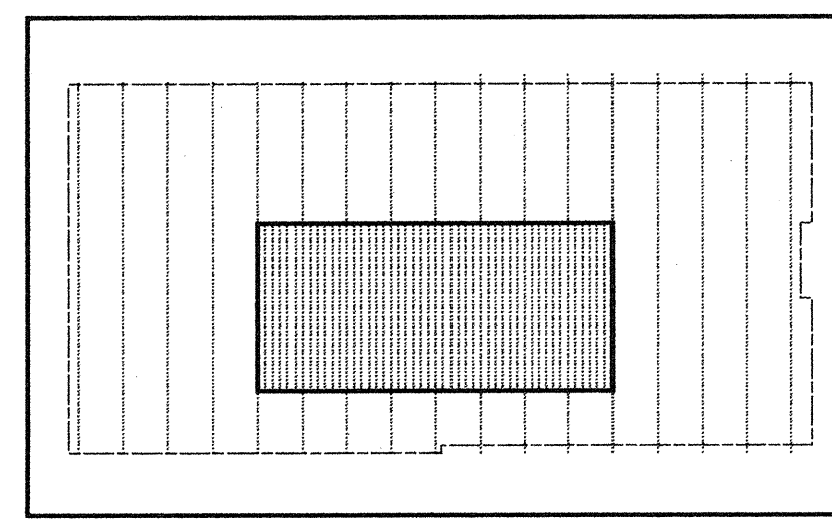
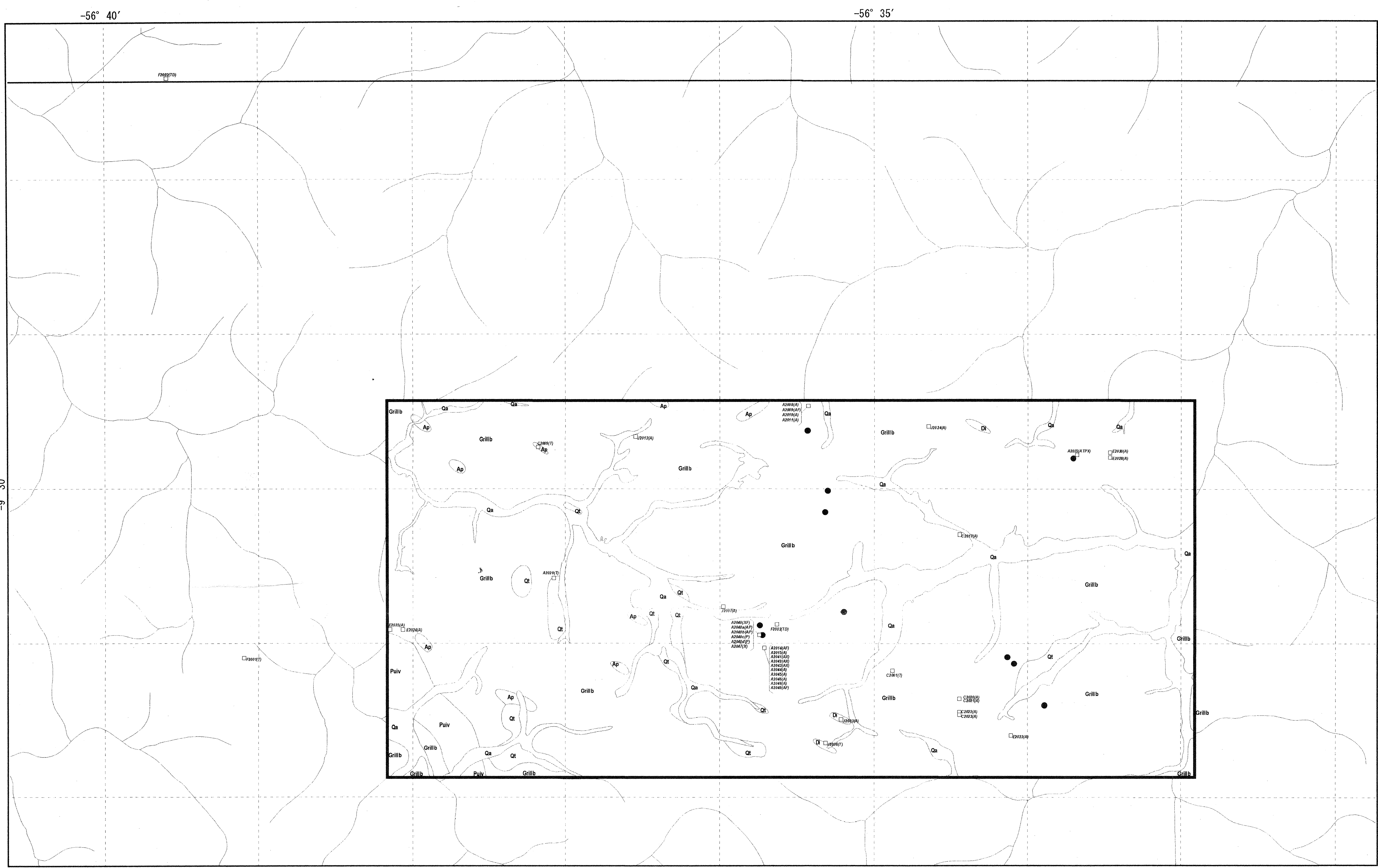
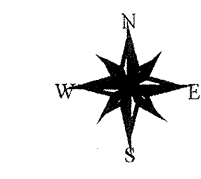
Location of Phase II survey area

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Sample location in Block C



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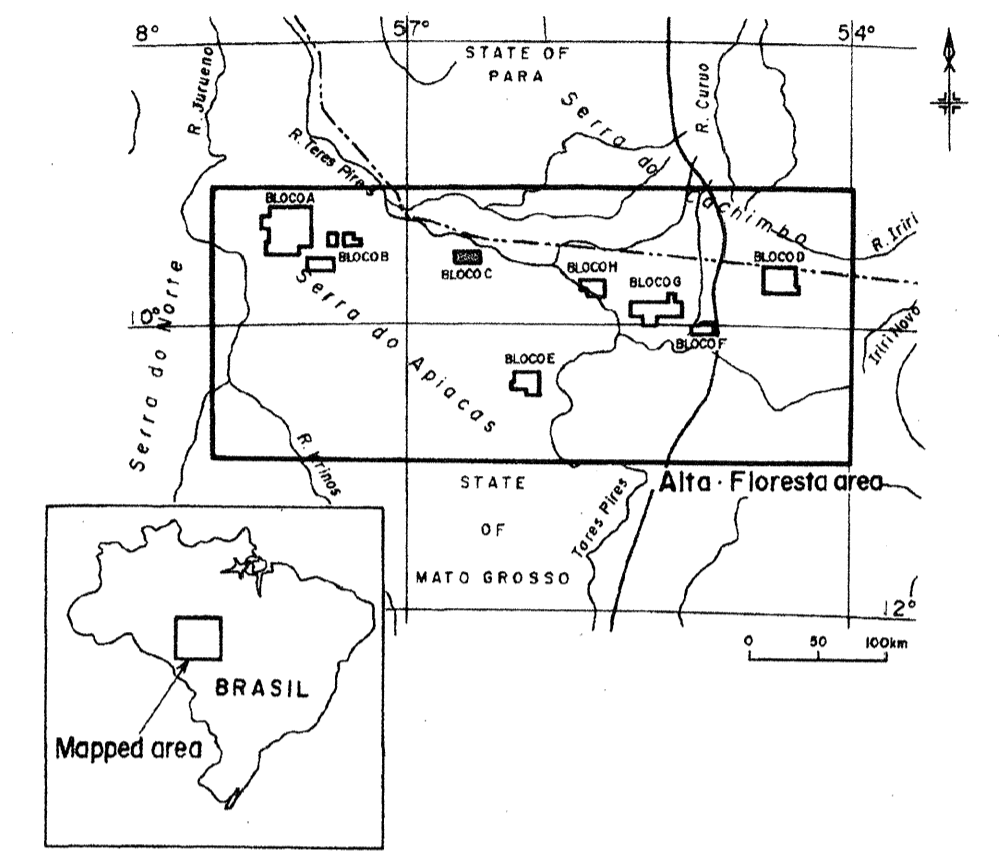
Location of Phase II survey area

LEGEND

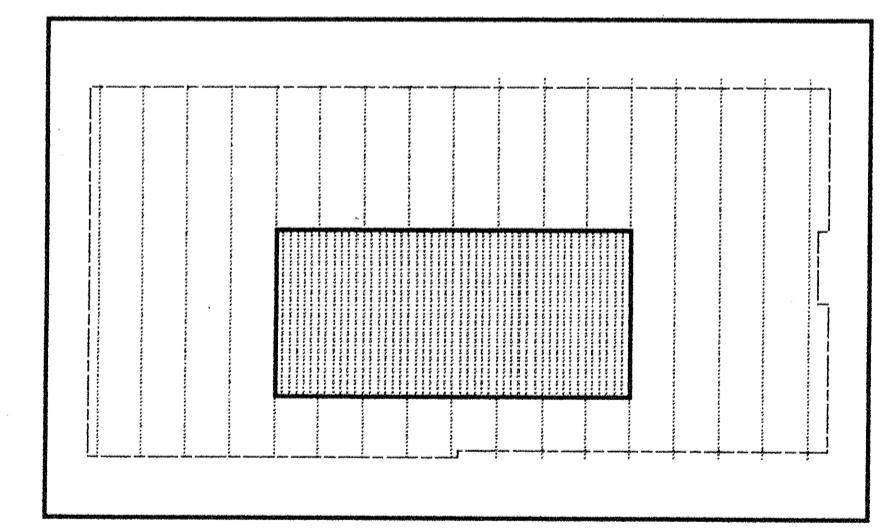
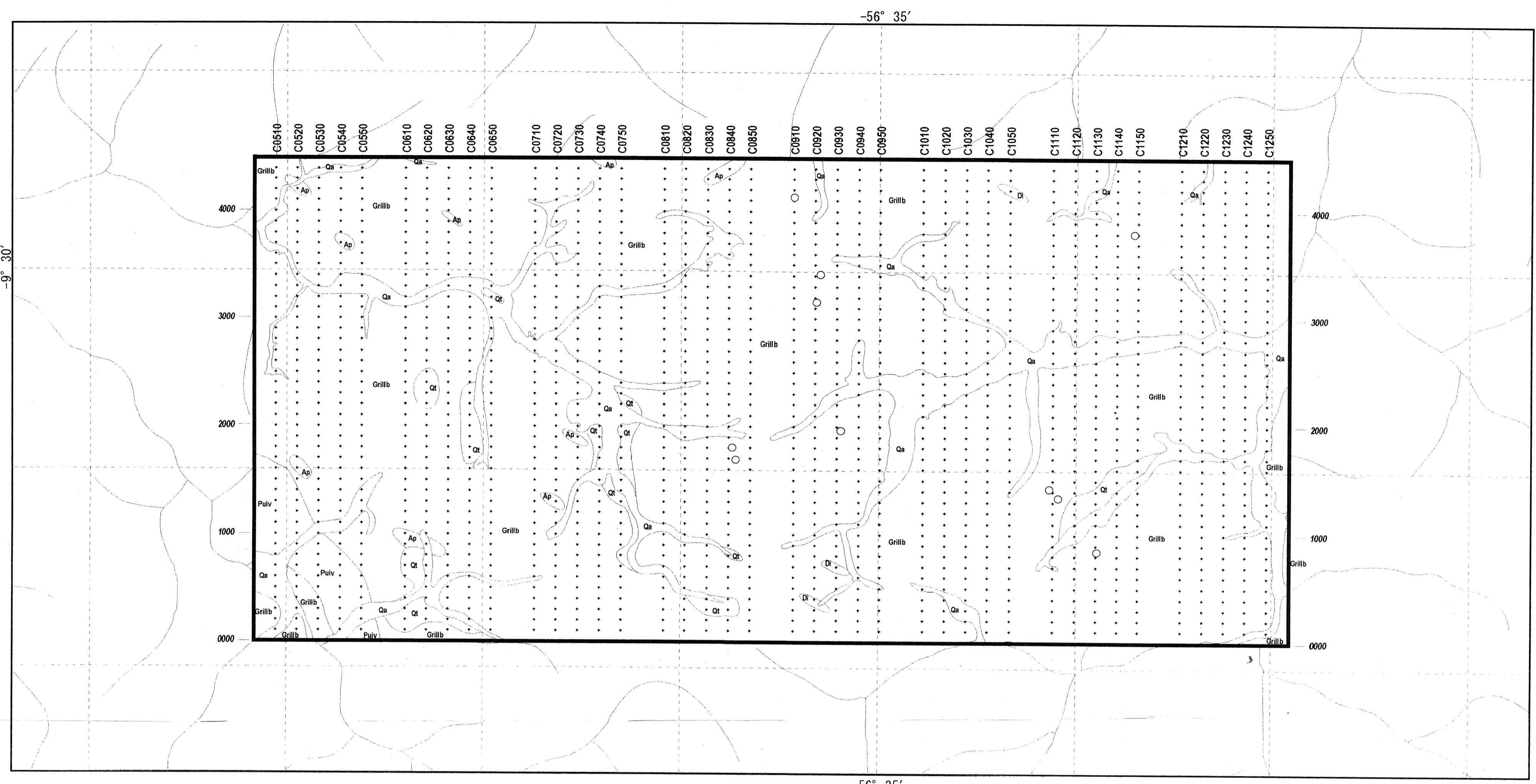
- | | | |
|---|--|---|
| <p>Quaternary</p> <p>Alluvial deposits Qa Gravels, sand, silt and clay.</p> <p>Terrace deposits Qt Gravels, sand, silt and clay.</p> <p>Uatuma Group</p> <p>Iriní Formation Puiv Acidic volcanic rocks: biotite rhyolite and dacite.</p> <p>Pre-Uatuma Granite</p> <p>Grilb Coarse grained, potassium feldspar porphyritic, biotite granite with weak Ep-Chl alteration and Py dissemination.</p> | <p>Dyke rock</p> <p>Ap Aprite to fine granite.</p> <p>Di Diabase.</p> <p>Structure</p> <p>sheared zone.</p> <p>Mineralization</p> <p>Primary garimpo.</p> <p>Alluvial garimpo.</p> | <p>Sample location</p> <p>A2035 Analyzed sample</p> <p>T: Thin section</p> <p>P: Polished section</p> <p>X: X-ray diffraction analysis</p> <p>F: Fluid inclusion</p> <p>D: Dating</p> <p>A: Ore assay</p> <p>Claim boundary</p> <p>Phase II survey area</p> <p>River</p> |
|---|--|---|

REPORT ON THE MINERAL EXPLORATION
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Location map of soil and auger
geochemical samples in Block C



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METAL MINING AGENCY OF JAPAN
FEBRUARY, 2000



Location of Phase II survey area

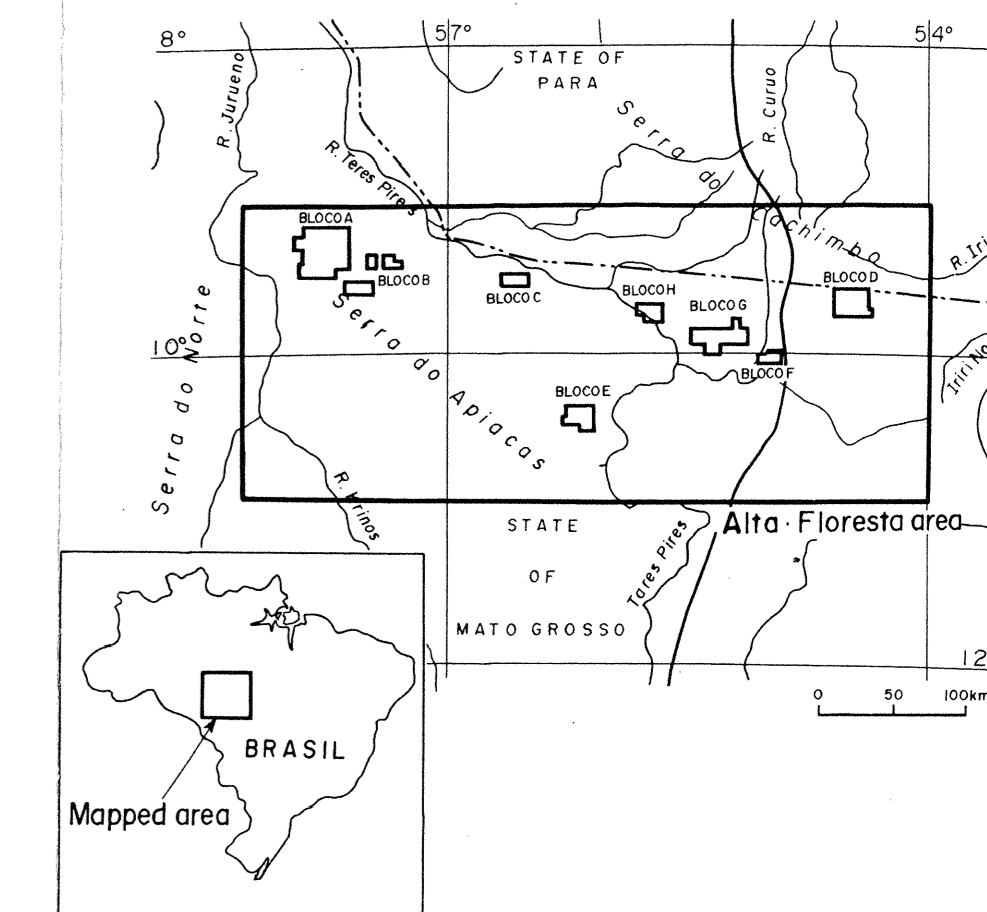


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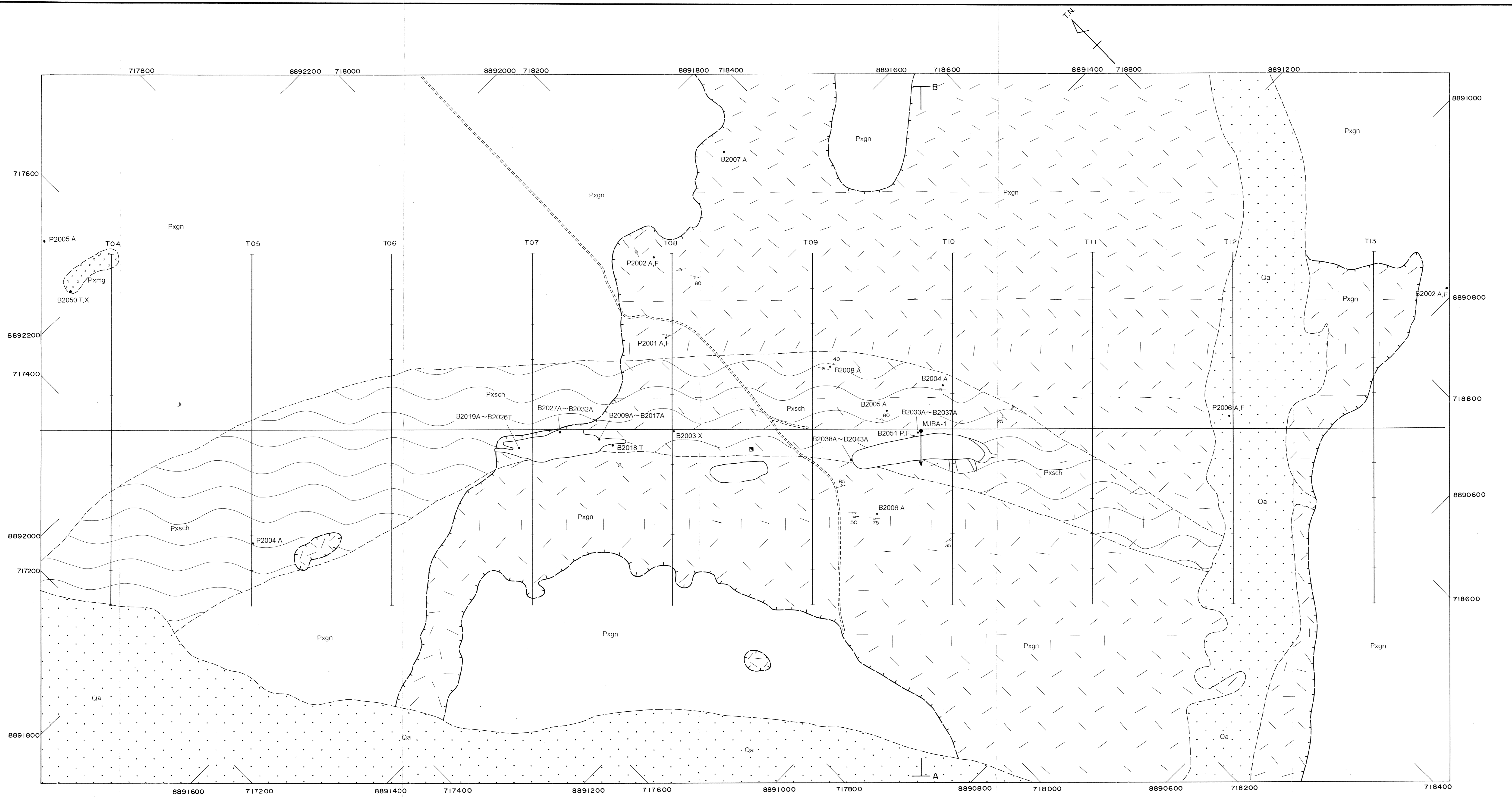
- | | | | | | |
|--------------------|-------|---|----------------|-------------------------|----------------------|
| Quaternary | | | Dyke rock | | Sampling Point |
| Alluvial deposits | Qa | Gravels, sand, silt and clay. | Ap | Aprite to fine granite. | Line name |
| Terrace deposits | Qt | Gravels, sand, silt and clay. | Di | Diabase. | Sampling point |
| Utuma Group | | | Structure | sheared zone. | Sample number |
| Iri Formation | Puiv | Acidic volcanic rocks: biotite rhyolite and dacite. | Mineralization | | Claim boundary |
| Pre-Uatuma Granite | Grilb | Coarse grained, potassium feldspar porphyritic, biotite granite with weak Ep-Chl alteration and Py dissemination. | | | Phase II survey area |
| | | | | | River |

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Geological map and cross section of the
Serrinha do Guaranta in the Block F



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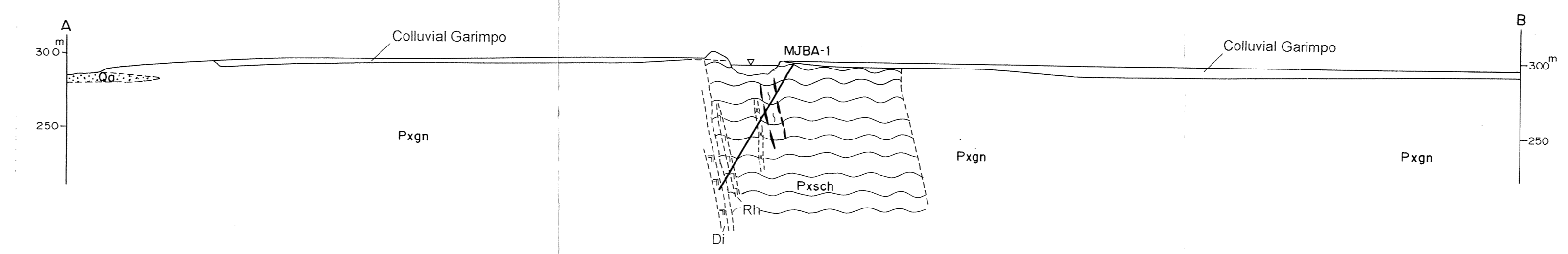


ERA	PERIOD	SECTION	SYMBOL	LITHOLOGY	IGNEOUS ACTIVITY	MISCELLANEOUS
QUATERNARY	Qa	Recent alluvium	Qa	Recent alluvial sediments		
		Devil Shearing Zone	Qa	Quartzite, mica breccia and silty limestone		
PALEO-PROTEROZOIC TO ARCHEAN	Pxn	Medium to coarse grained pinkish porphyritic granite	Pxn	Medium to coarse grained pinkish porphyritic granite		
		Talc phlogopite schist, talc chlorite schist and two mica schist	Pxsch	Talc phlogopite schist, talc chlorite schist and two mica schist		
		Xingu Complex	Pxn	Biotite gneiss and granite gneiss		

Stratigraphy in accordance with Schobbenhaus et al., 1981 and Antonio Ivan P. Barros, 1984, modified.

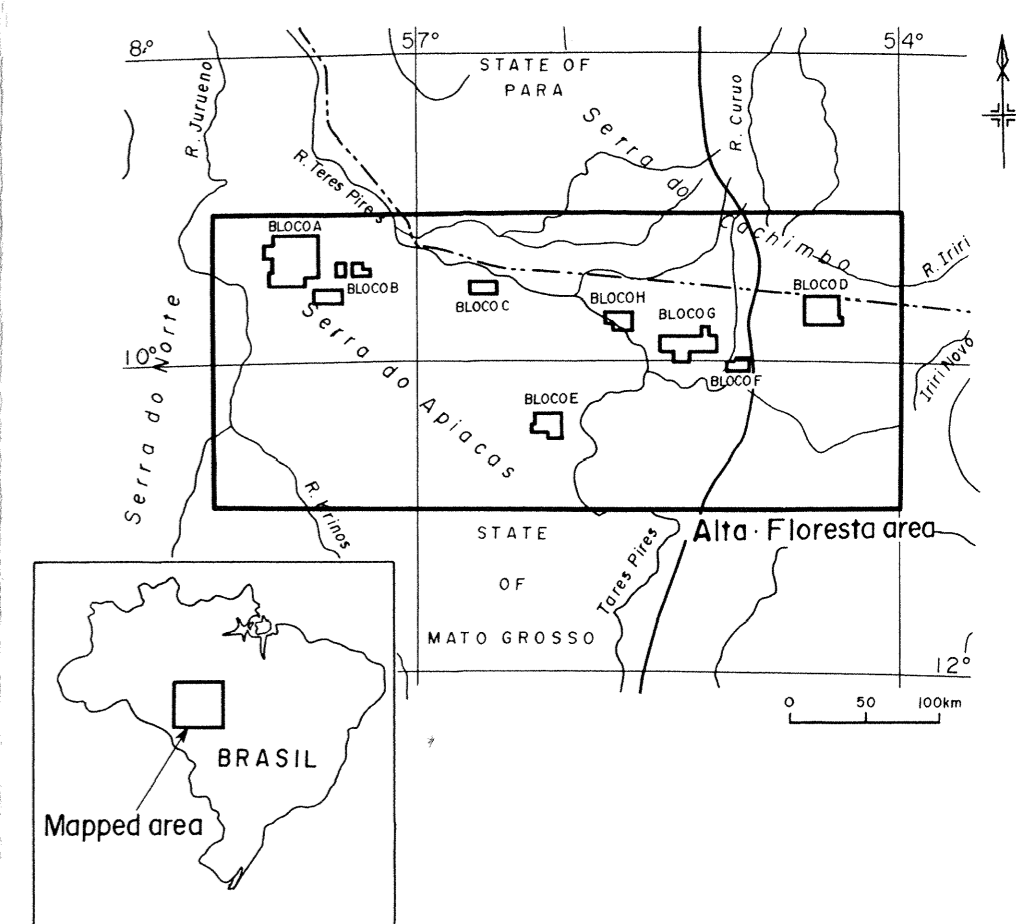
LEGEND

- Quaternary
 - Qa Alluvial deposits
Gravels, sand, silt and clay
- Xingu Complex
 - Pxm Medium to coarse grained, pinkish porphyritic granite
 - Pxsch Saprolite of schist (data from Auger survey)
Talc phlogopite schist, talc chlorite schist and two mica schist
 - Pxn Saprolite of granite-gneiss (data from Auger survey)
Biotite gneiss and granite gneiss
- Dyke Rock
 - Rh Rhyolite
 - Di Diabase
- Geological boundary
- Colluvial garimpo area
- Open pits of primary garimpo
- Sample location site and sample number
- MJBA-1 drilling site
- Shaft
- Quartz vein
- Schistosity
- Auger survey lines
- Road
- Geological section



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Geological map and cross section
of the Garimpo Aluizio in the Block F



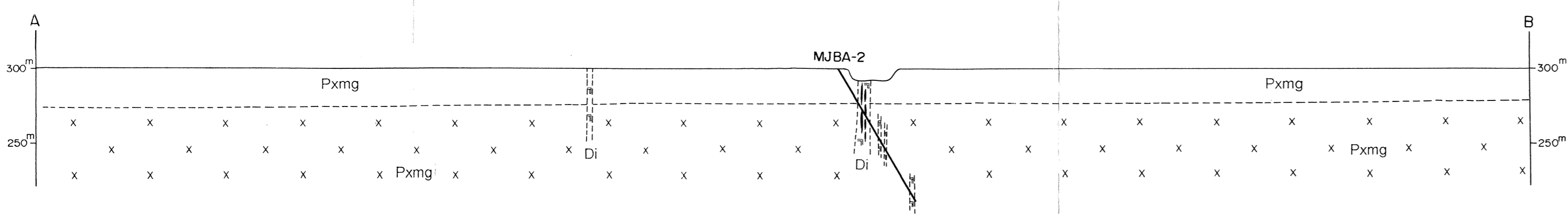
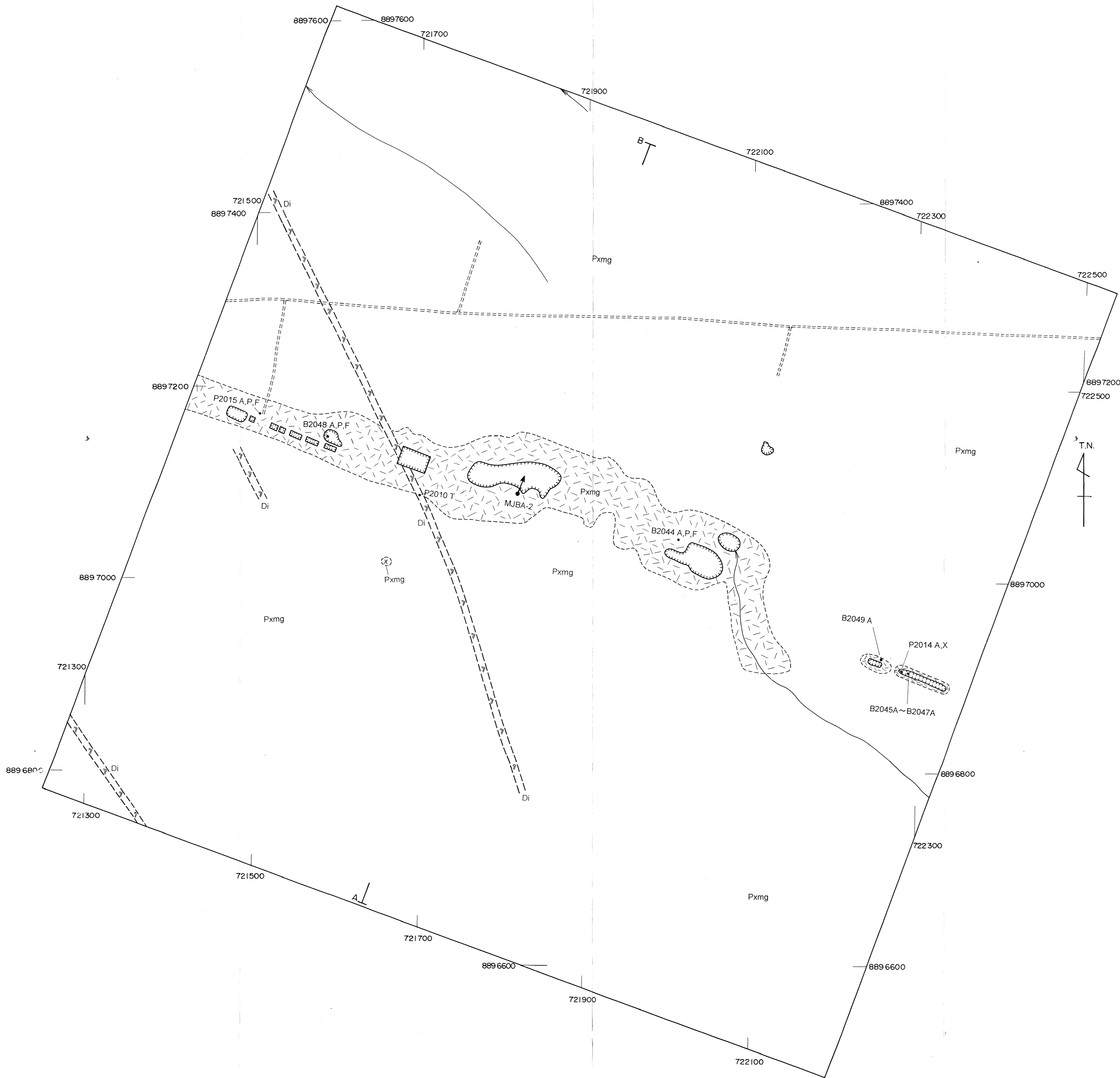
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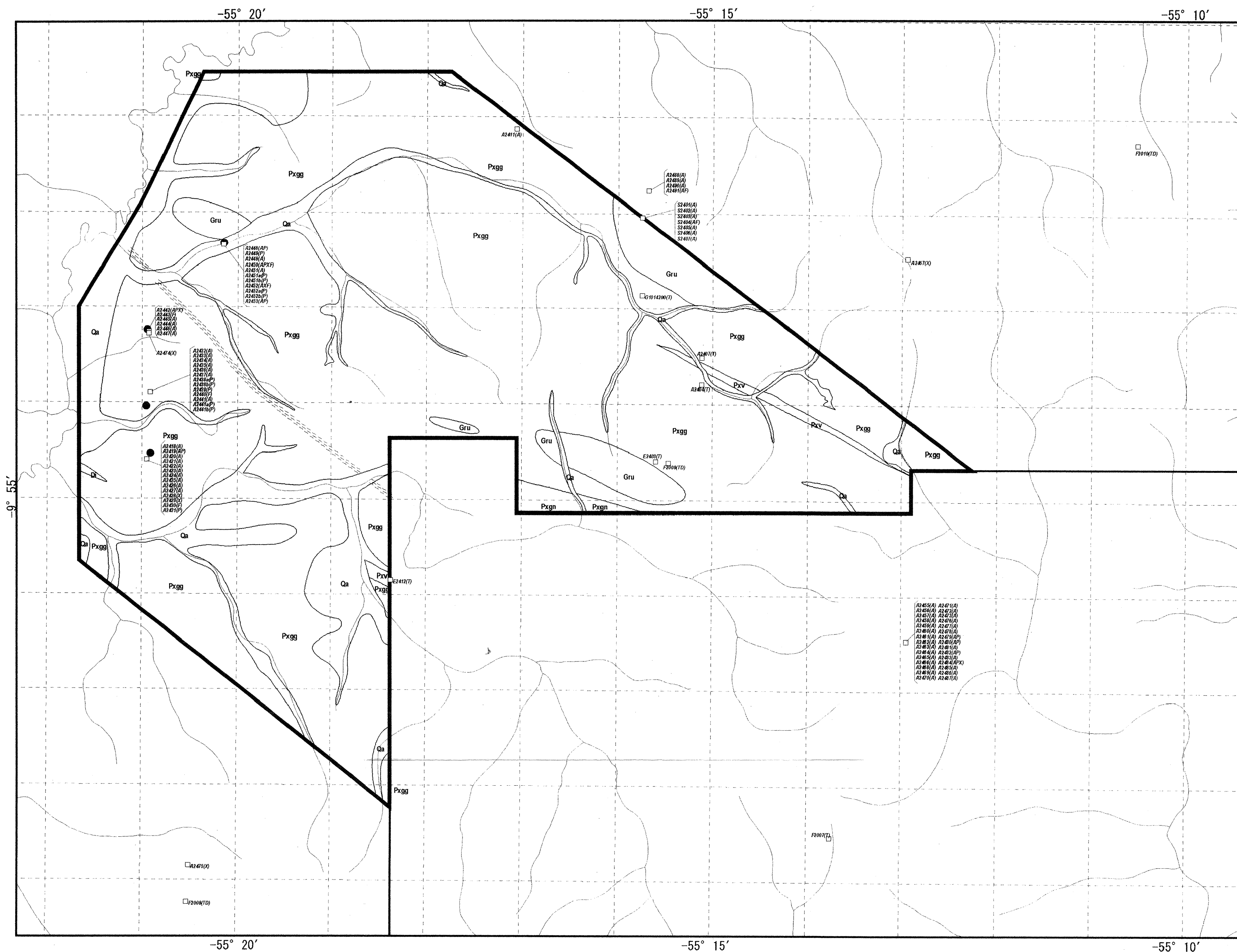
EON	ERA	COLUMNAR SECTION	STRATIGRAPHIC UNIT	SYMBOL	LITHOLOGY	GENEROUS ACTIVITY	MINERALIZATION
PHANEROZOIC	QUATERNARY		Recent Alluvium	Qa	Recent alluvial sediments		
			Quaternary Shallow Zone	Qs	Quartz amyloids, micro breccia and ultramylonite		
PALEO-PROTEROZOIC TO ARCHEAN			Pxmg		Medium to coarse grained pinkish porphyritic granitic; medium grained hornblende biotite granite		
			Di		Talc phlogopite schists, talc chlorite schists and two mica schists		
			Xingu Complex	Pxmg	Biotite gneiss and granite gneiss		

Stratigraphy in accordance with: Schobbenhaus et al., 1981 and Antonio Joao P. Barros, 1984, modified

LEGEND

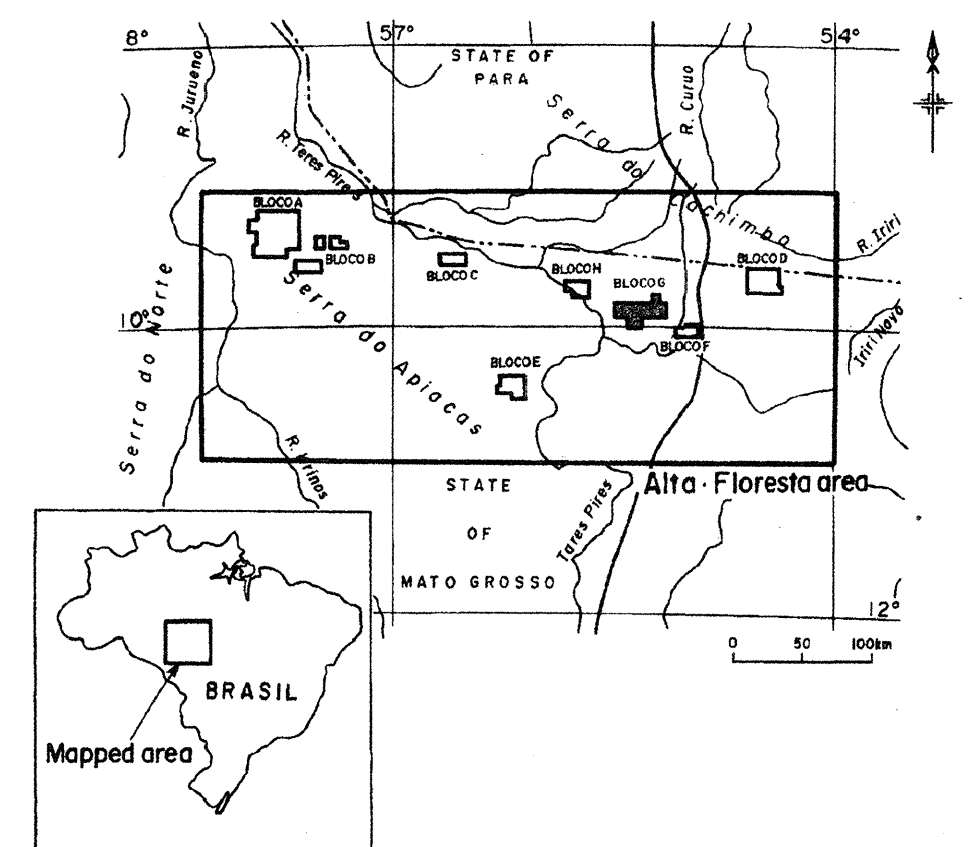
- Xingu Complex**
- Pxmg Medium grained hornblende biotite granite (Soil and saprolite)
 - Pxmg Medium grained hornblende biotite granite (Outcrop)
- Dyke**
- Di Soil and saprolite of diabase
- Geological boundary
 - Garimpo tailing
 - Open pits of primary garimpo
 - Sample location site
 - MJBA-2 drilling site
 - Road
 - Drainage
 - Geological section



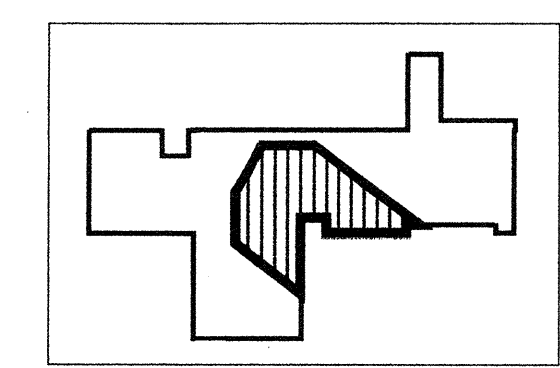


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Sample location in Block G



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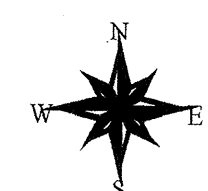
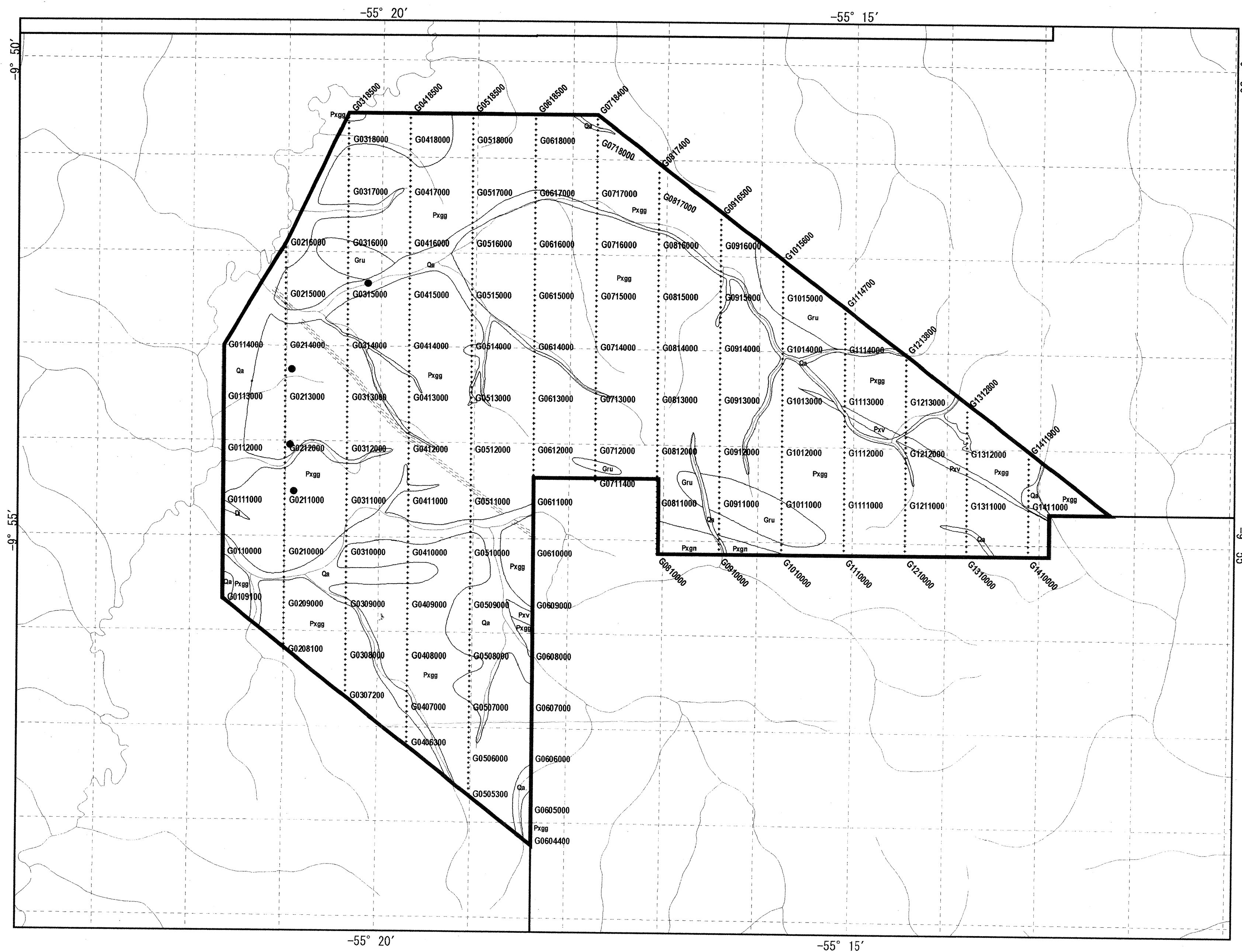


Location of Phase II survey area



LEGEND

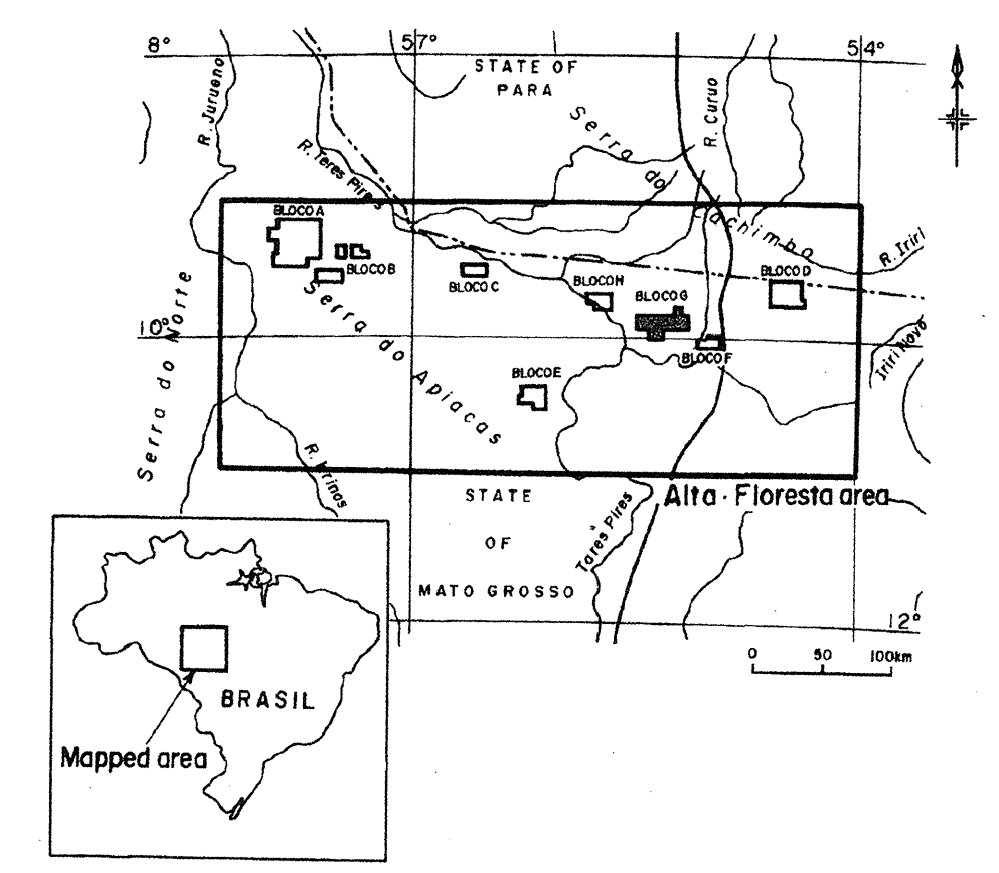
- | | | |
|---|--|--|
| <p>Quaternary</p> <p>Alluvial deposits Qa Gravels, sand, silt and clay.</p> <p>Uatuma Group</p> <p>Teles Pires Granite Gru Pinkish, potassium feldspar porphyritic, biotite granite.</p> <p>Xingu Complex</p> <p>Pxv Acidic volcanic rocks: dacitic tuff and welded tuff.</p> <p>Pxgg Medium to fine grained, biotite granite with gneissose structure.</p> <p>Pxgn Coarse to medium grained, biotite gneiss.</p> | <p>Dyke rock</p> <p>Di Diabase.</p> <p>Structure</p> <p>sheared zone.</p> <p>Mineralization</p> <p>Primary garimpo.</p> <p>Alluvial garimpo.</p> | <p>Sample location</p> <p>A2035 Analyzed sample</p> <p>T: Thin section</p> <p>P: Polished section</p> <p>X: X-ray diffraction analysis</p> <p>F: Fluid inclusion</p> <p>D: Dating</p> <p>A: Ore assay</p> <p>Claim boundary</p> <p>Phase II survey area</p> <p>River</p> |
|---|--|--|



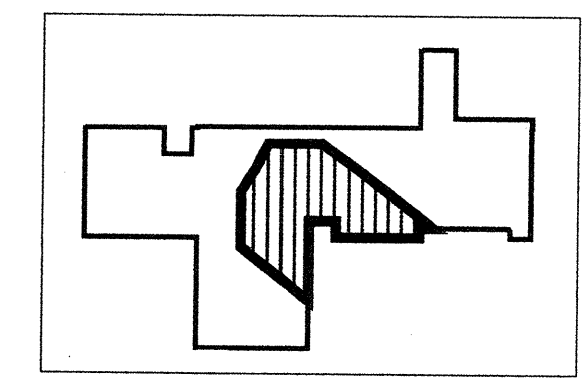
REPORT ON THE MINERAL EXPLORATION
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Plate II-4-2

Location map of soil samples in Block G



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Location of Phase II survey area

LEGEND

- | | | | | | |
|-------------------------------------|---|----------------|--------------------|----------------------|-----------------------------|
| Quaternary
Alluvial deposits | Qa Gravels, sand, silt and clay. | Dyke rock | Di Diabase. | Sampling Point | G0312000 Sample name |
| Uatuma Group
Teles Pires Granite | Gru Pinkish, potassium feldspar porphyritic, biotite granite. | Structure | sheared zone. | Sampling point | |
| Xingu Complex | Pxv Acidic volcanic rocks: dacitic tuff and welded tuff. | Mineralization | Primary garimpo. | Claim boundary | |
| | Pxgg Medium to fine grained, biotite granite with gneissose structure. | | Alluvial garimpo. | Phase II survey area | |
| | Pxgn Coarse to medium grained, biotite gneiss. | | | River | |