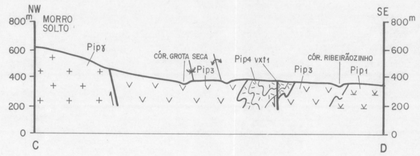
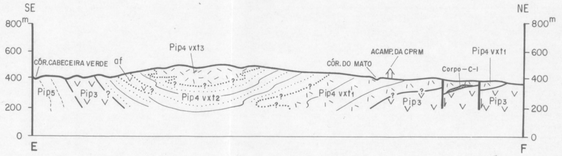
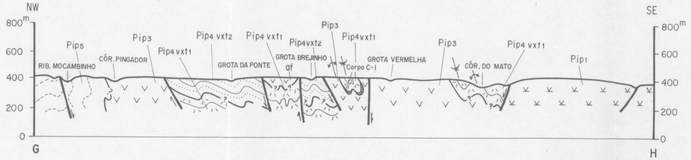






LEGEND

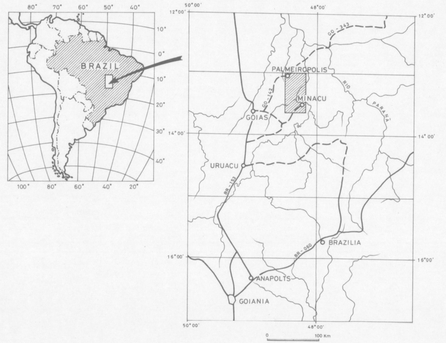
Paranoá Group	Pupa	Pupa	Photo interpretative Unit: quartzite, calcareous and graphytic phyllite, calc-schist, marble and sericite-quartzite
Rio Maranhão Cataclastic Zone	Cl		r : granite intrusive qt : quartzite xt : qtz-mv sch., qtz-sch., bt-mv sch., gnt-mv sch., calc sch. and cl-mv-qtz sch. af : amphibolite intrusion gn : gneiss (basement)
Serra da Mesa Group (MARINI, 1976)	Psxl Pmsm	xl/clxt Gneisses and pegmatite	qt : mg-bearing sc. quartzite fl : gray phyllite, with mg. in local xt : qtz-cl sch. and cl-qtz sch. with lenticular friable quartzite and graphite sch. mb : basic rock in sch. with mg. (post-metamorphism) cc : marble clxt: cl. sch. and foliated quartzite
			Photointerpretative Unit: r : Serra Dourada and Serra da Mesa Granite Pmsm: graphite sch., mv-gtz sch., gnt-mv-qtz sch., bt-mv-qtz sch. and quartzite cc : calcareous quartzite
Palmeiropolis Volcano-Sedimentary Sequence (FIGUEIRÊDO FILHO and TEIXEIRA, 1981)	Pip	Zn-Cu-Pb showing 4vxt₁ 4vxt₂ 4vs qtfe xt Lat. Ni ub 2vc	r : Filó granite S : ctr-bt-mv-qtz sch., ky-bt-mv-qtz sch., gnt-mv-qtz sch. and ky-ctr-mv-qtz sch. associated with basic sill and dyke (db), banded iron formation (ff) and quartzite (qt) 4vxt₁ : sc-mc-qtz sch. (rhyolitic composition) 4vxt₂ : pl-mc-bt-qtz sch. and pl-bt-qtz sch. intercalated with amphibolite (af) (rhyolitic to rhyodacitic composition) 4vxt₃ : feldspathic bt-qtz sch., ctr-gnt-bt-qtz sch., bt-anf sch., biotitite and cl. rock (dacitic to rhyodacitic composition) 4vs feldspathic gnt-bt-qtz sch. and mica sch. including ky. and qcidic meta tuff, with quartzite (qt) and amphibolite (af) 3 : dark fine-grained amphibolite with quartzite (qt), ferruginous quartzite (qtfe), gnt-bt-mv-qtz sch. (xt) and basic to ultra-basic dyke (db, ub) r : Morro Solto granite 2gr : metagraywacke, metaconglomerate and ultrabasic sill (ub) 2vc : acidic to intermediate tuff, lapilli tuff, volcanic breccia and their schist 1 : gabbroic banded coarse-grained amphibolite
Cana Brava Basic-Ultrabasic Bodies	Acb	ct mg sp px ub mb	mg : metagabbro, metanorite and metagabbronorite sp : serpentinite px : pyroxenite ub : serpentinite a.d pyroxenite mb : basic to ultrabasic rock (post-metamorphism)

- Geological boundary
- Lithological limit
- Fault
- Syncinal axis
- Anticinal axis
- Synclinorium axis
- Anticlinorium axis
- Bedding plane
- Schistosity (S_1)
- Schistosity (S_2)
- Lineation
- Lineament

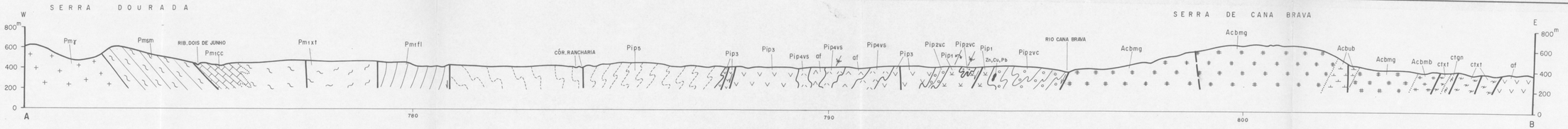
PL. II – 2

GEOLOGICAL SURVEY
IN
PALMEIROPOLIS, BRAZIL
PHASE I

Geological Profile of the Surveyed Area



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
DEC. 1986

Scale 1:50,000

0 — 5 km