

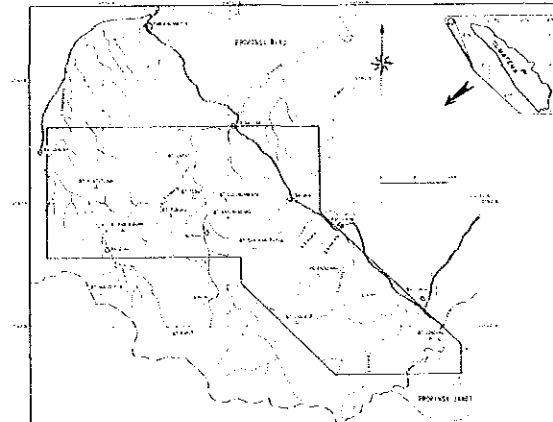


LEGEND

Quaternary	Alluvium		Clay, Sand, Gravel
	S. Demadi F.		Claystone, Siltstone, Quartz Arenite, Coal Seam
Tertiary	S. Empelu F.		Quartz Arenite, Acidic Fine Tuff Conglomerate, Claystone, Coal Seam

REPORT ON THE MINERAL EXPLORATION
IN THE PEGUNUNGAN TIGAPULUH AREA,
THE REPUBLIC OF INDONESIA
PHASE I

GEOLOGIC MAP



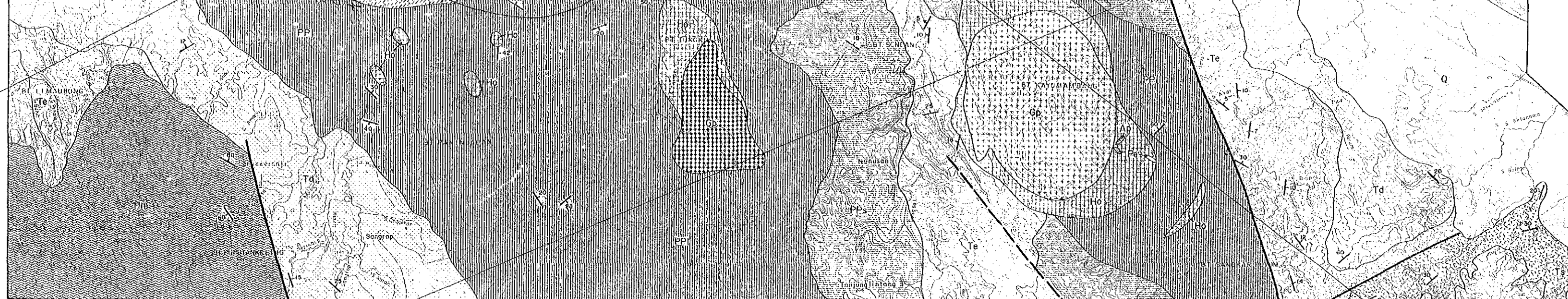
Survey Area

FEBRUARY 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

1:50,000
0 1 2 3 4 5km

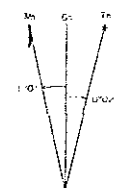




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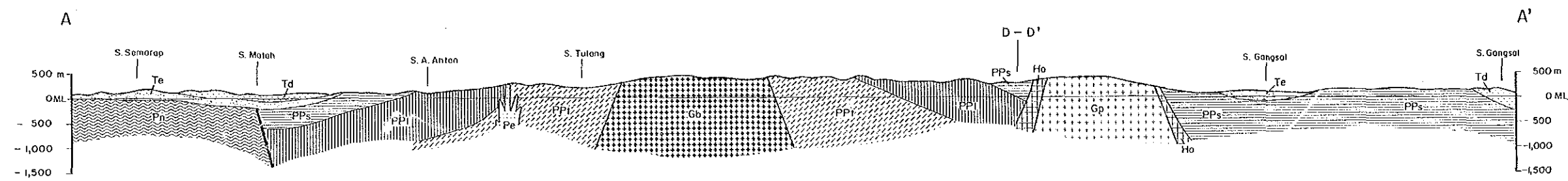
Quaternary	Alluvium	Q	Clay, Sand, Gravel
Tertiary	S. Demadi F.	Td	Claystone, Siltstone, Quartz Arenite, Coal Seam
	S. Empelu F.	Te	Quartz Arenite, Acidic Fine Tuff Conglomerate, Claystone, Coal Seam
	S. Simpang F.	Ts	Andesitic Tuff, Tuffaceous Sandstone
Permian	Bt. Pintutujuh F.	S. Sesirih M.	Black Slate, Muddy Quartzite
		S. Laki M.	Siltstone, Lithic Wacke, Black Slate, Pebbly Mudstone
		S. Tulang M.	Slate
Carboniferous	S. Nunusan F.	Phyllite, Black Slate	
Contact Metamorphic rocks	Ho	Hornfels	
Intrusives	Gp	Porphyritic Biotite Granite	
	Gb	Biotite Granite	
	Pe	Pegmatite	
	Ap	Aplite	
		Anticlinal axis	
		Synclinal axis	
		Fault	
		Strike and Dip of Beds	

Village	
Road	
River	
Field	
Conifer forest	
Broadleaf forest	
Natural grassland	
Cliff	
Contour	
Elevation	
Provincial boundary	



Tn: True North
Gn: Grid North
Mn: Magnetic North



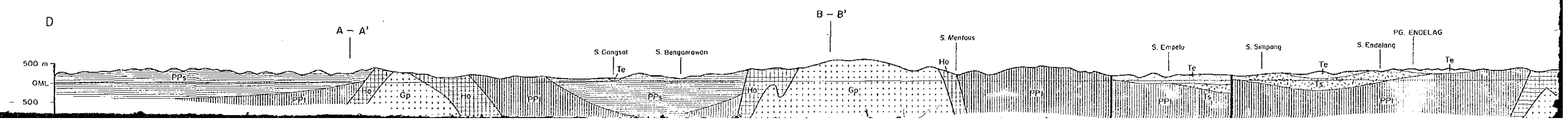
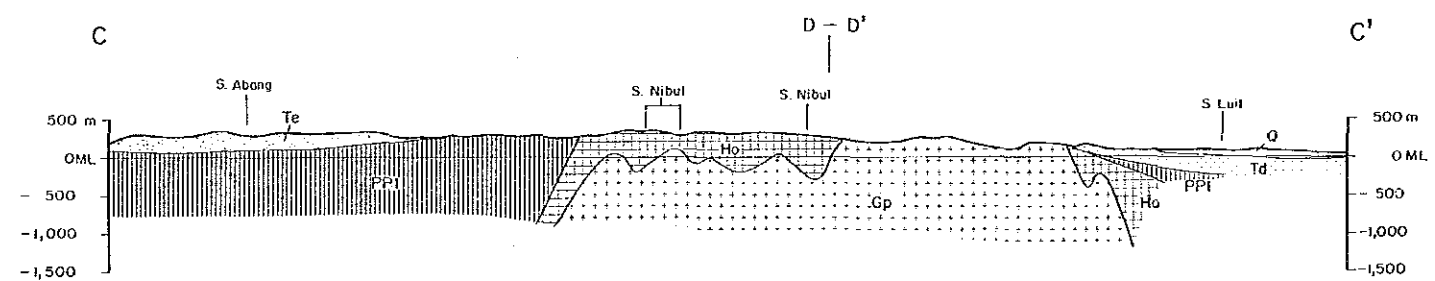
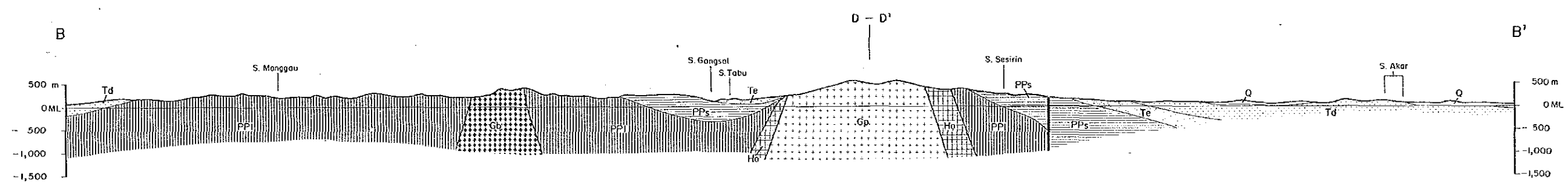


Quaternary

Tertiary

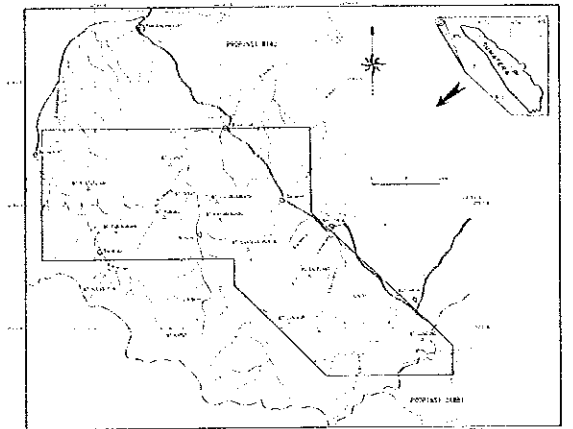
Permian
Carboniferous

Contact Met



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IN THE PEGUNUNGAN TIGAPULUH AREA,
THE REPUBLIC OF INDONESIA
PHASE I

GEOLOGIC PROFILE



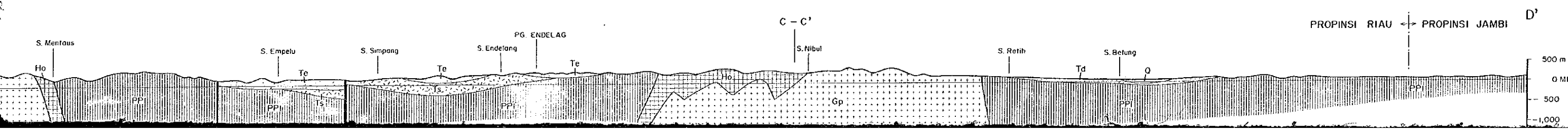
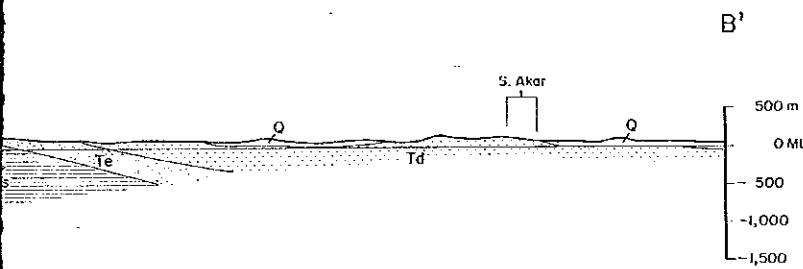
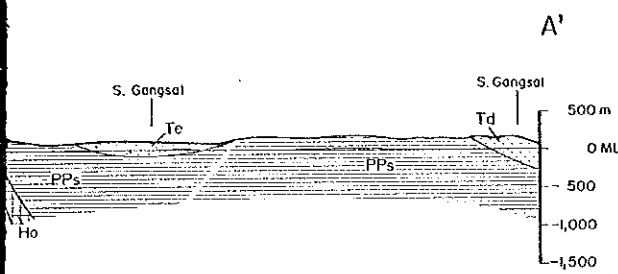
Survey Area
FEBRUARY 1990

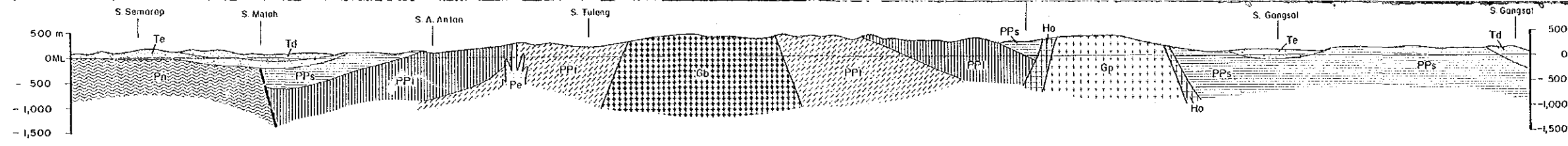
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

1:50,000
0 1 2 3 4 5 km

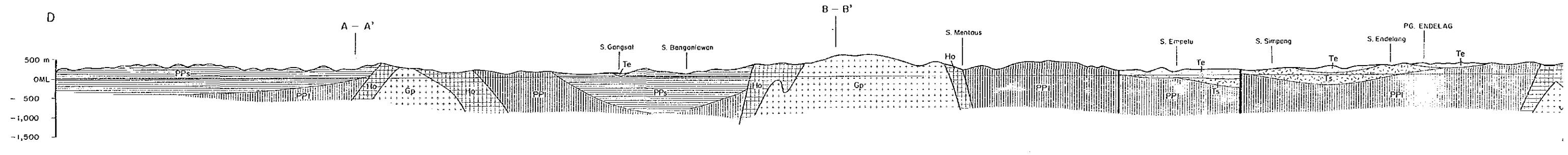
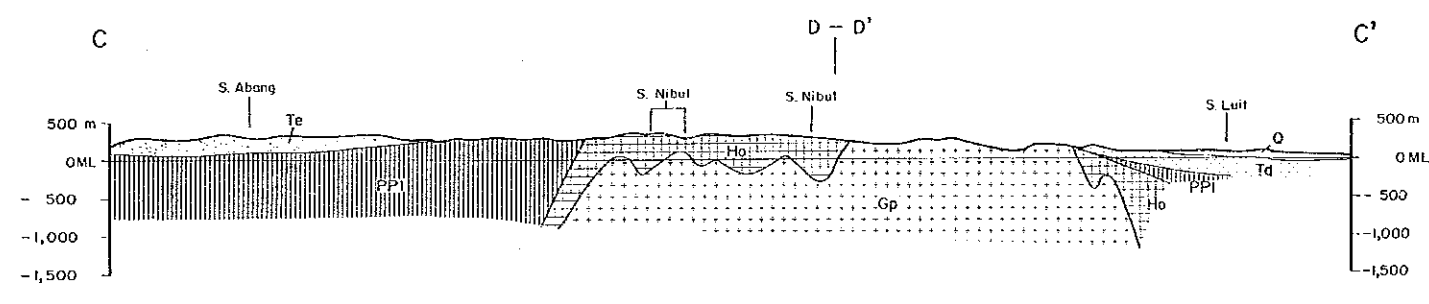
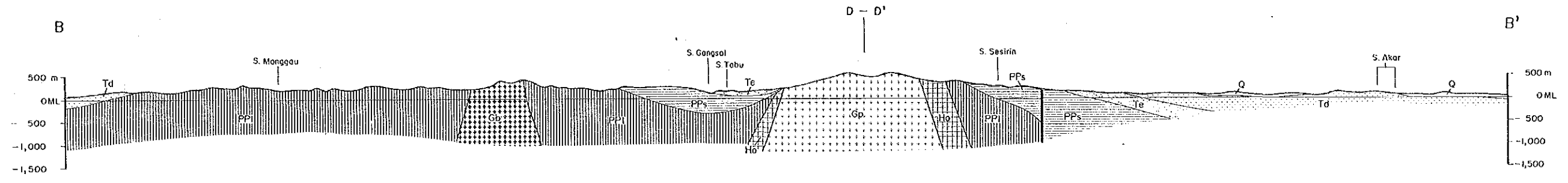
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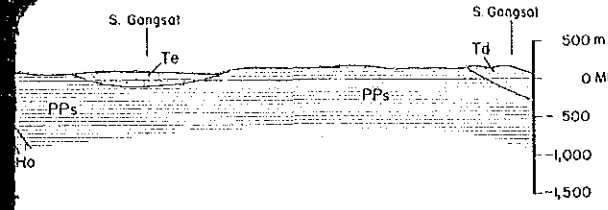
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Carboniferous	S. Tulang M.	PPs	Slate
		S. Nunusan F.	Phyllite, Black Slate
Contact Metamorphic rocks		Ho	Hornfels
Intrusives		Gp	Porphyritic Biotite Granite
		Gb	Biotite Granite
		Pe	Pegmatite
		Ap	Aplite
		(Symbol)	Anticlinal axis
		(Symbol)	Synclinal axis
		(Symbol)	Fault
		(Symbol)	Strike and Dip of Beds





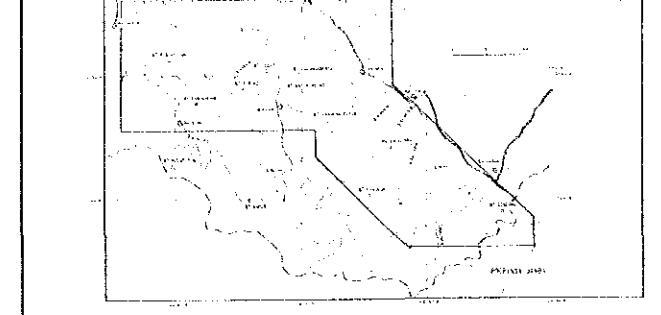
Tertiary
 Permian
 Carboniferous
 Contact M



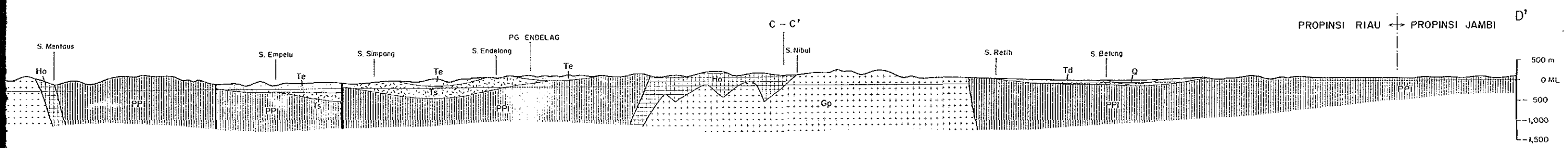
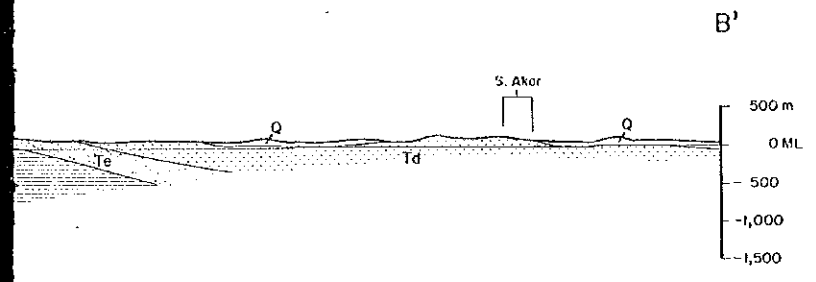


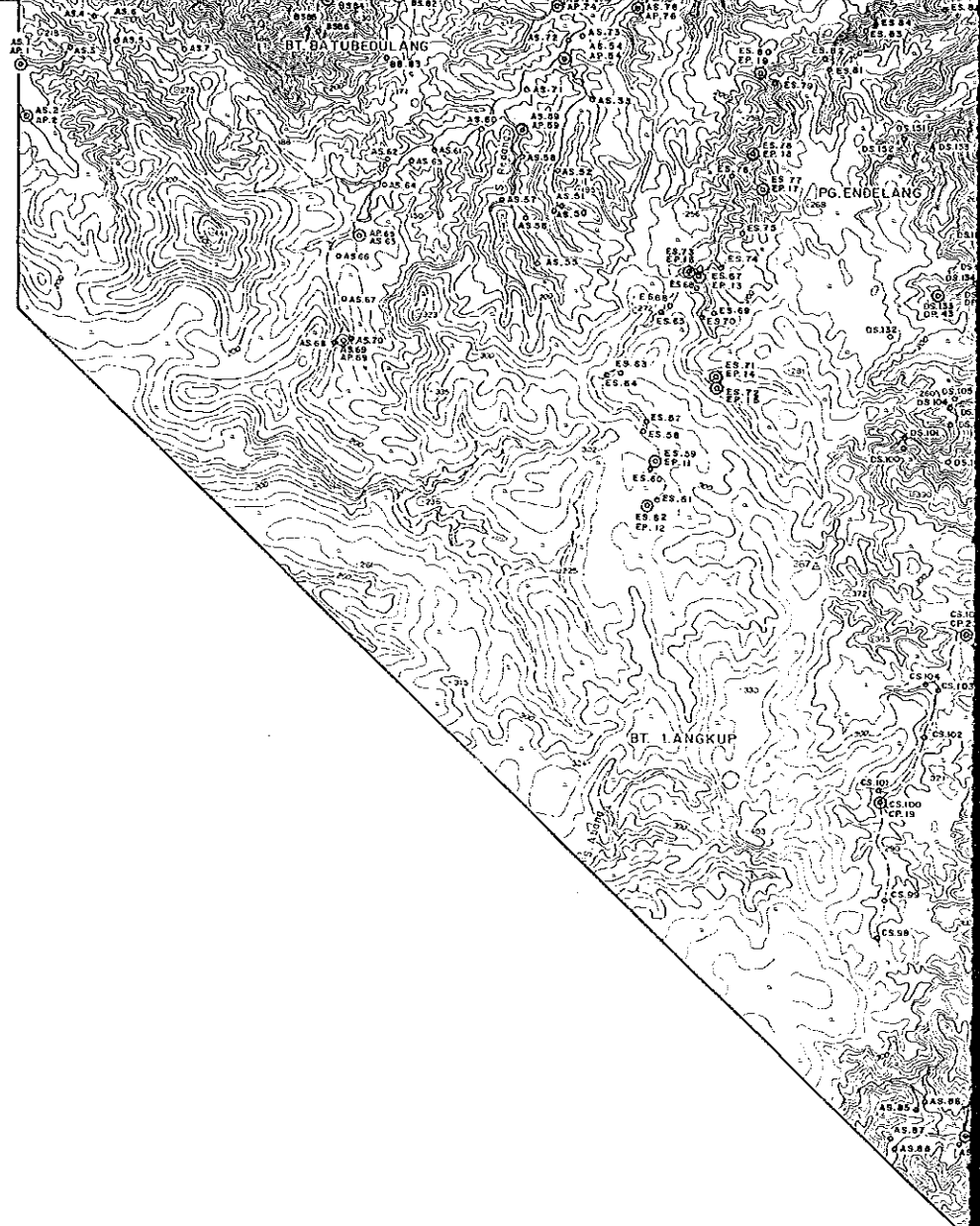
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Survey Area
 FEBRUARY 1990
 JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN

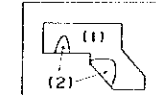
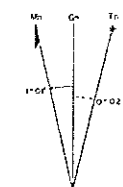




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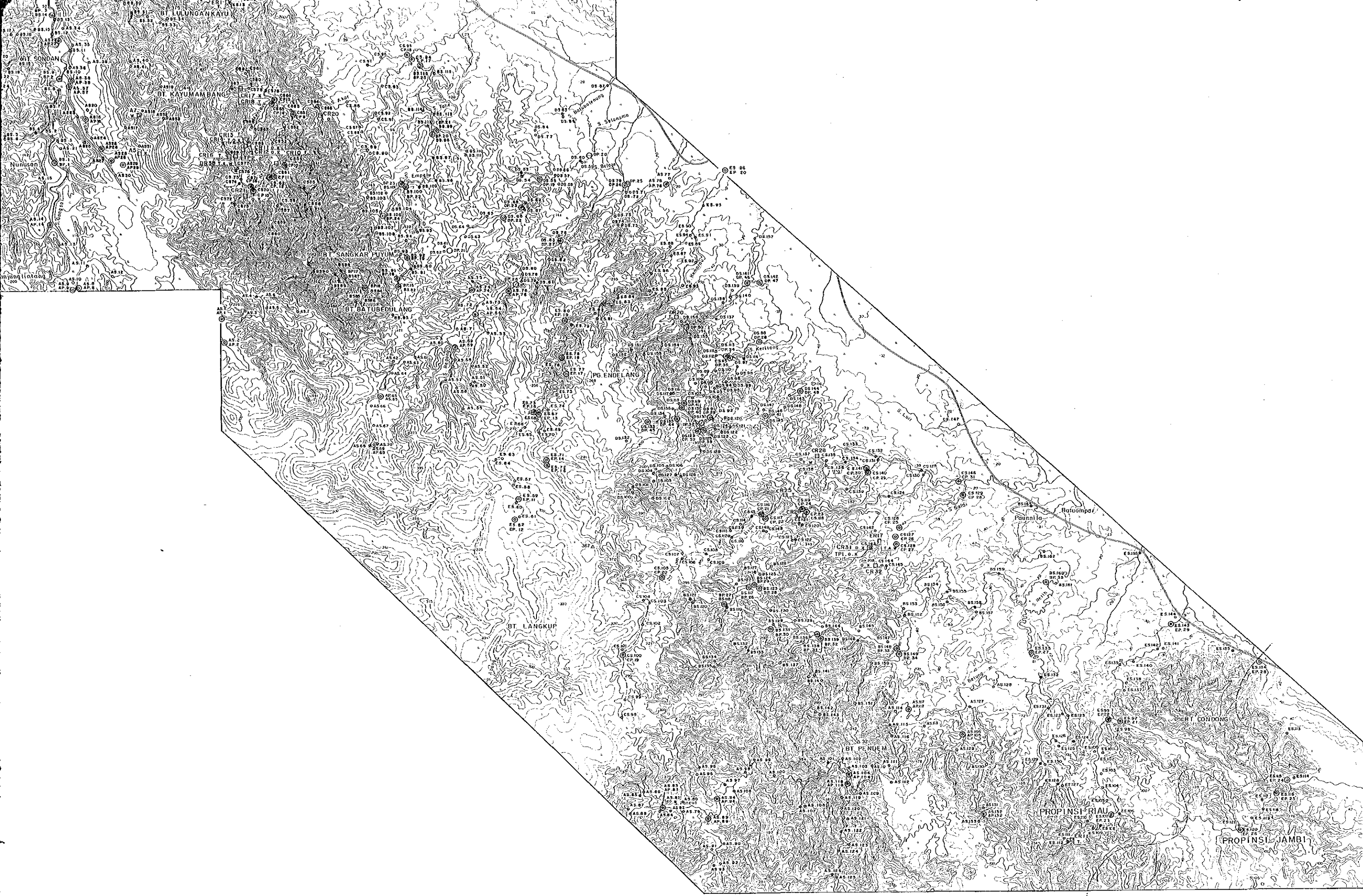
- AS.100. Stream Sediment Samples
- AP.100. Pan Concentrate Samples
- CR.45. Rock Samples
 - T : Thin Section
 - A : K/Ar Absolute Age Determination
 - W : Whole Rock Analysis
 - O : Ore Assay
 - X : X-ray Diffractive Analysis

- Village
- Road
- River
- Field
- Conifer forest
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- Natural grassland
- Cliff
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- Provincial boundary



Survey Map:
 (1) October, 1989. AVIDMAP AMH.
 (2) This map is 1:100,000 topographic map enlarged, compiled and traced.

Tn: True North
 Gn: Grid North
 Mn: Magnetic North



0°50'

1°00'

1°10'

100000

100000

100000

