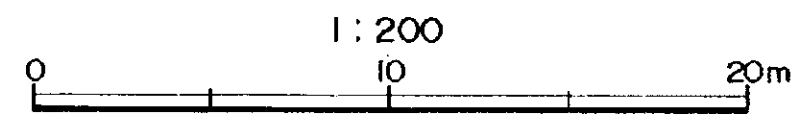
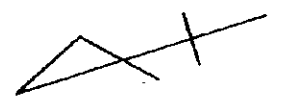
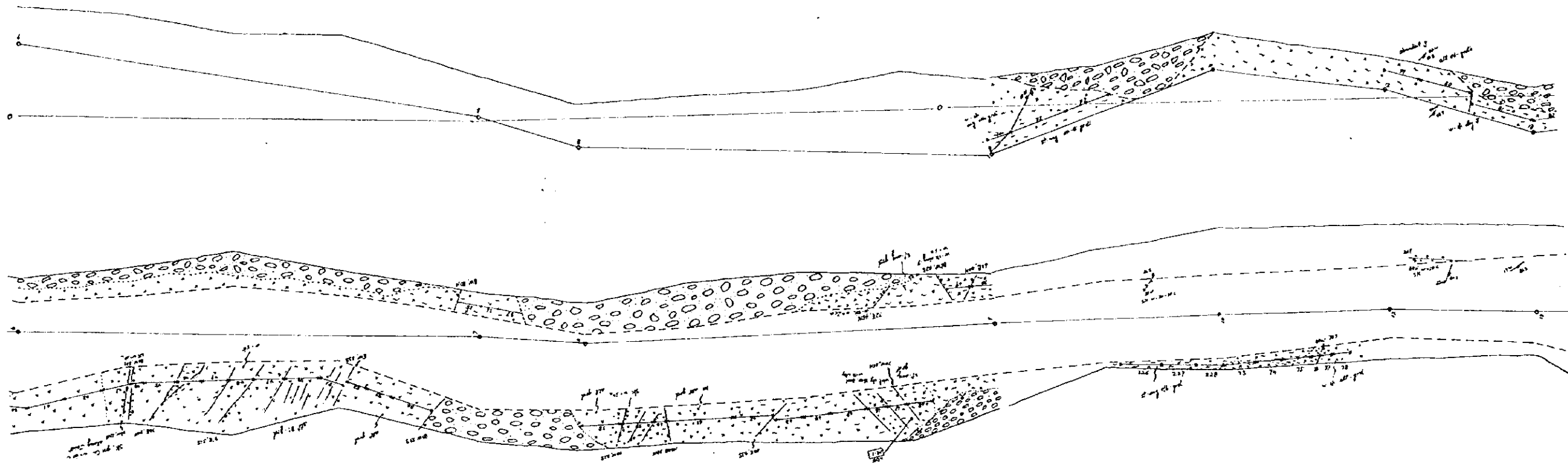
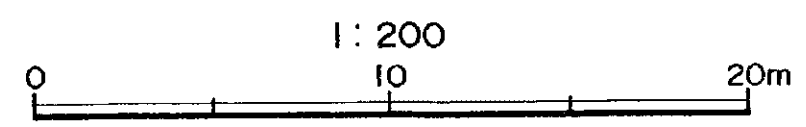


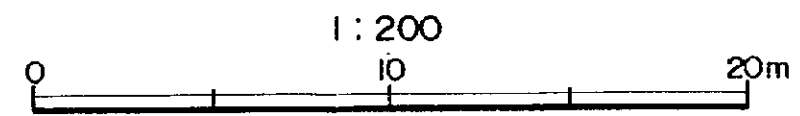
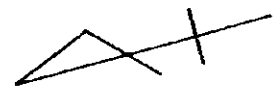
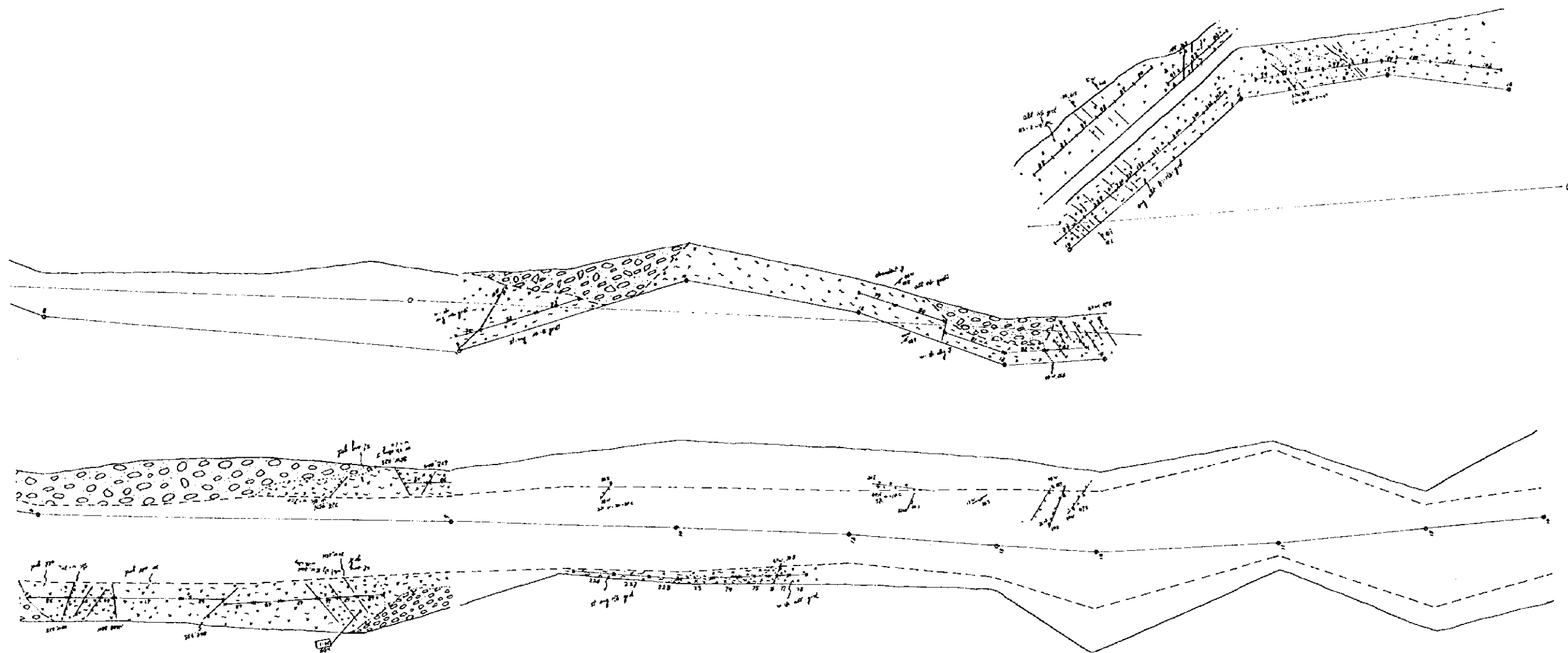
SKETCHES OF TRENCH T-1(1/7)



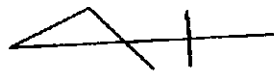
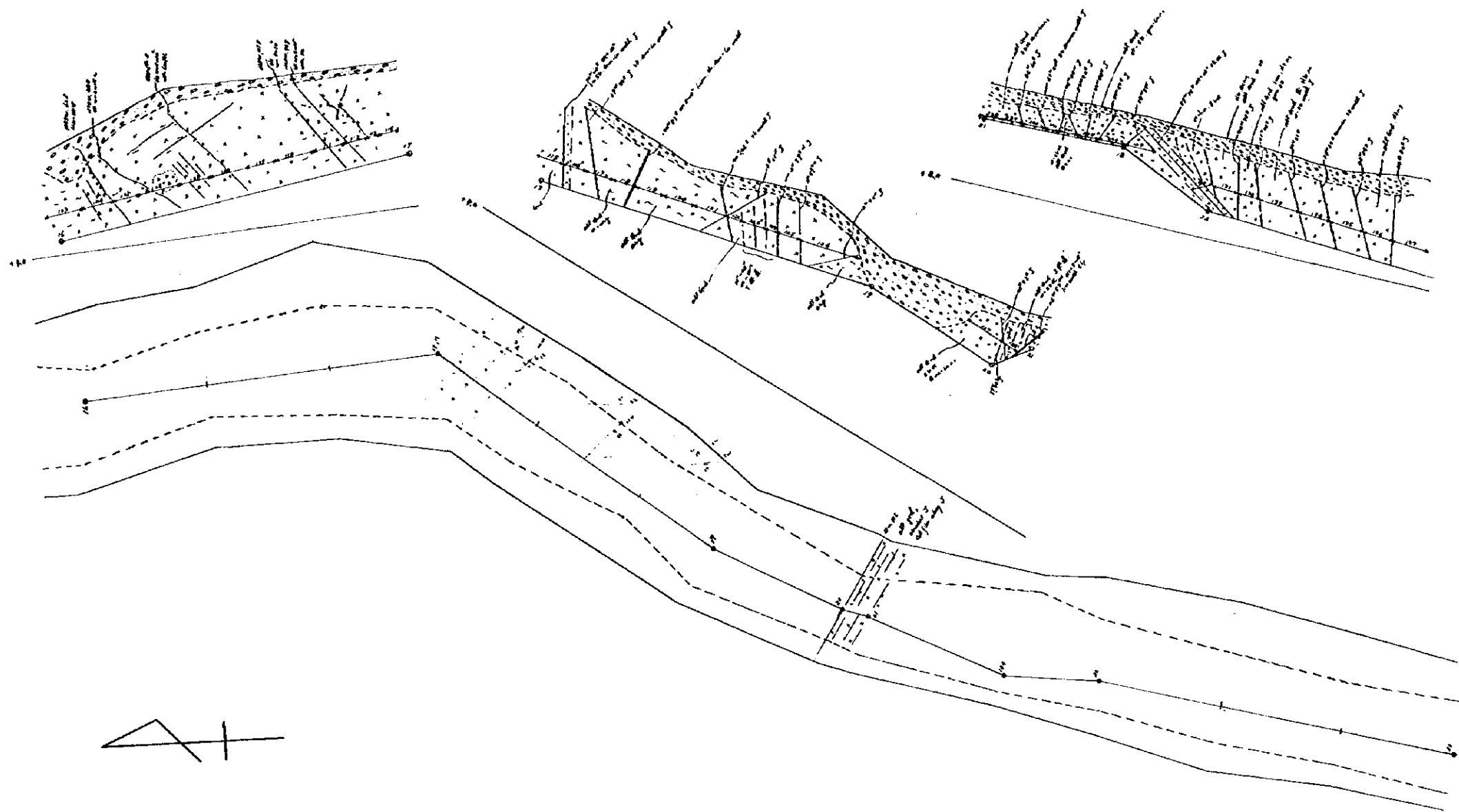


SKETCHES OF TRENCH T-1(2/7)

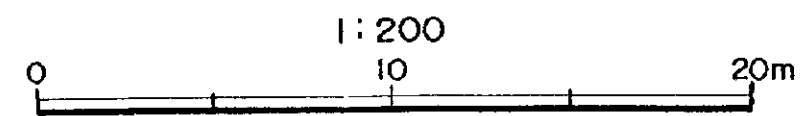


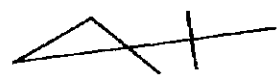
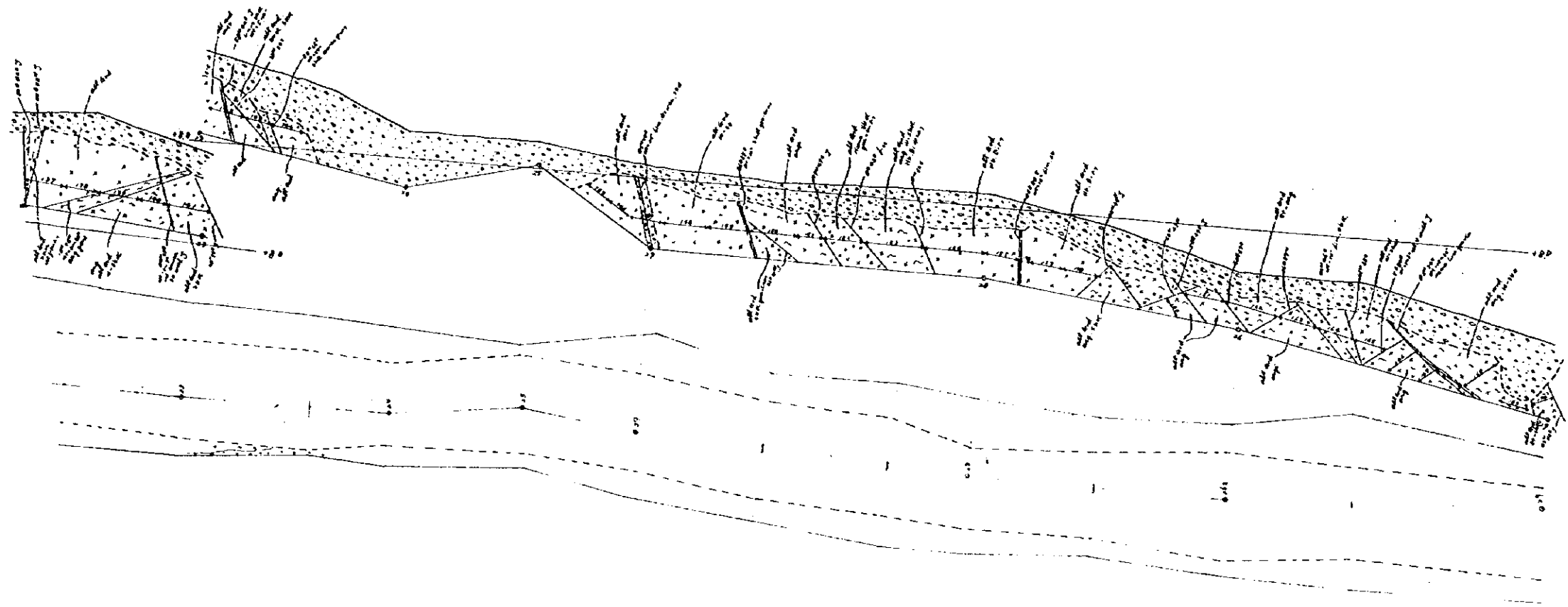


SKETCHES OF TRENCH T-1(3/7)

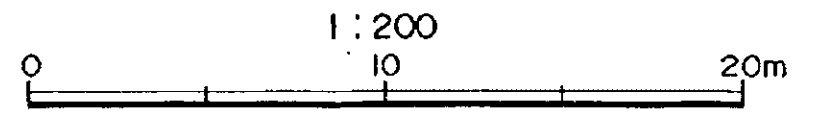


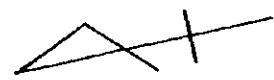
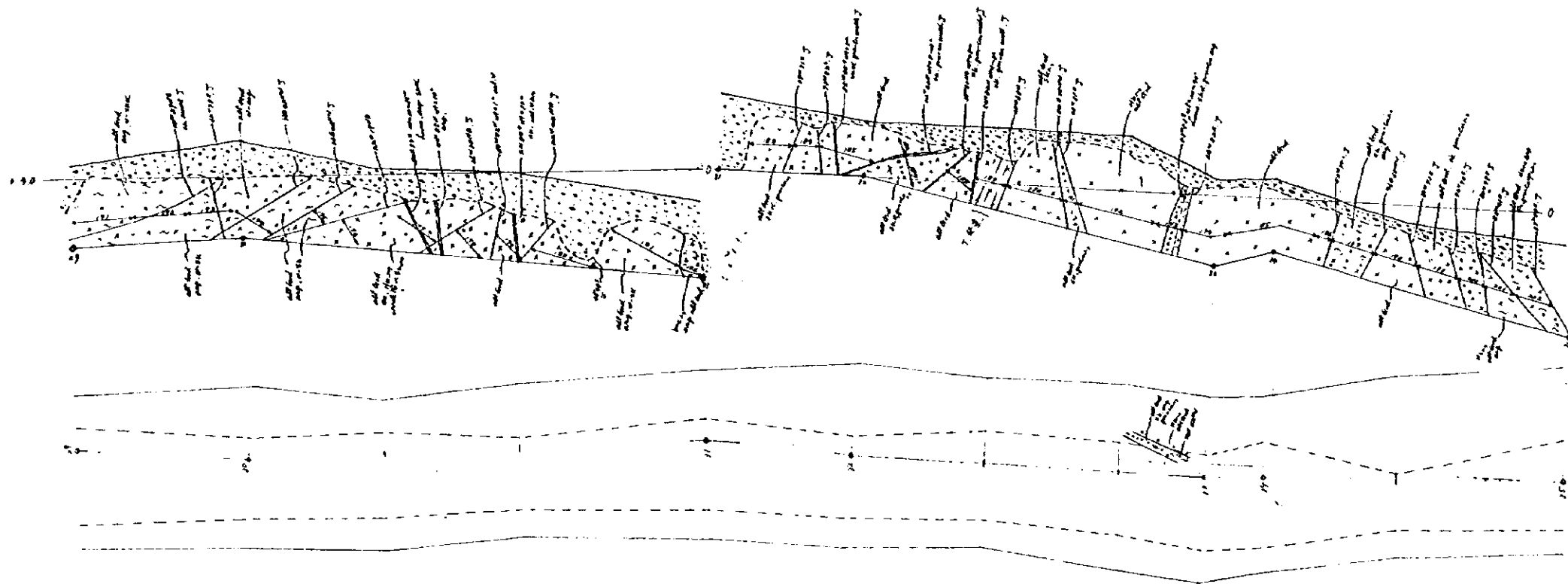
SKETCHES OF TRENCH T-1(4/7)



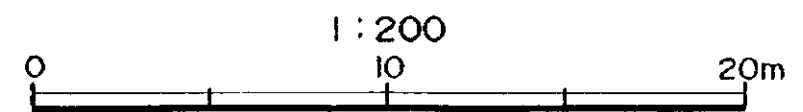


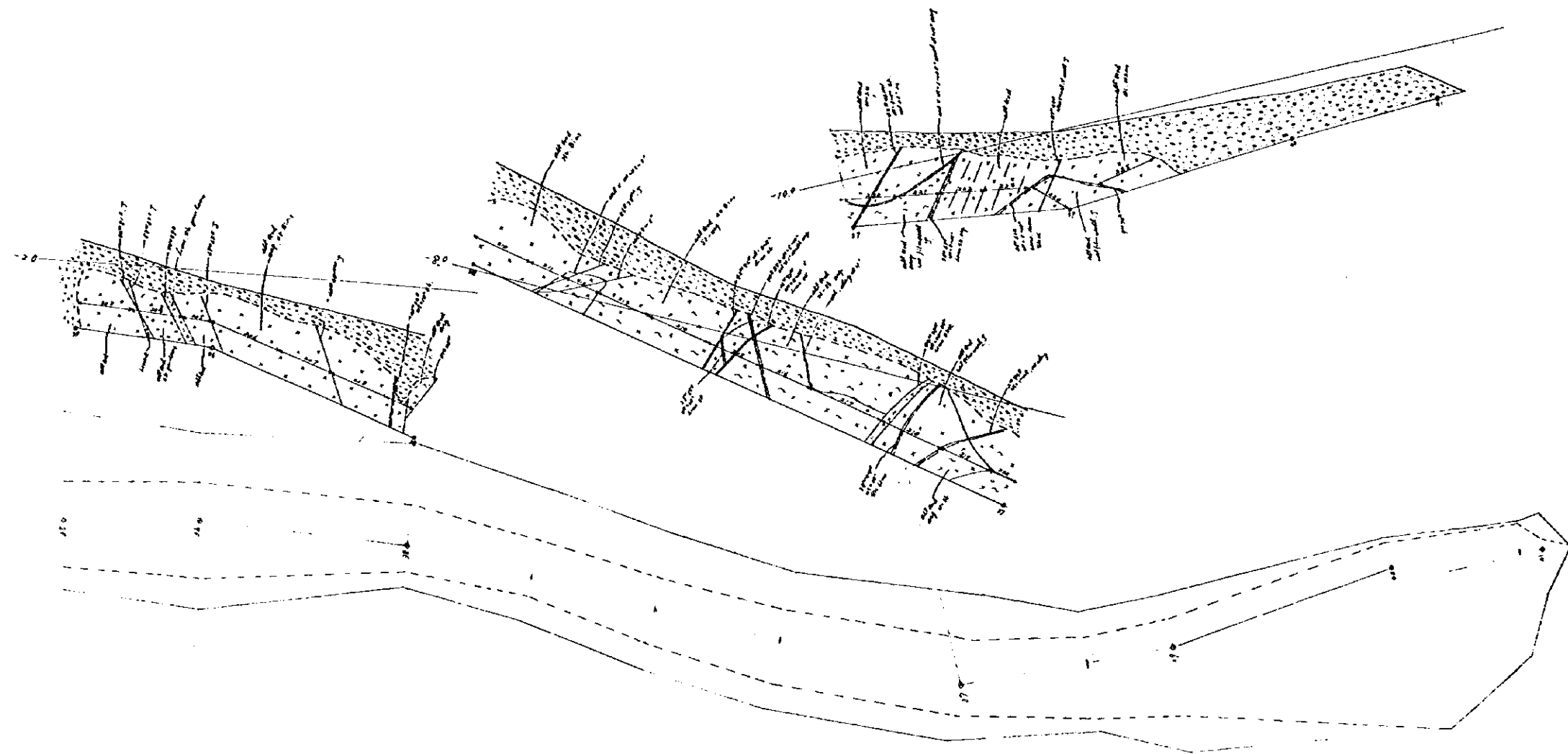
SKETCHES OF TRENCH T-1(5/7)



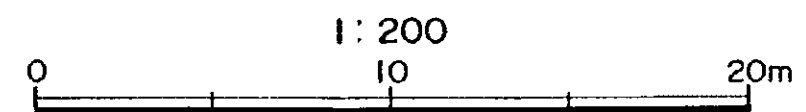


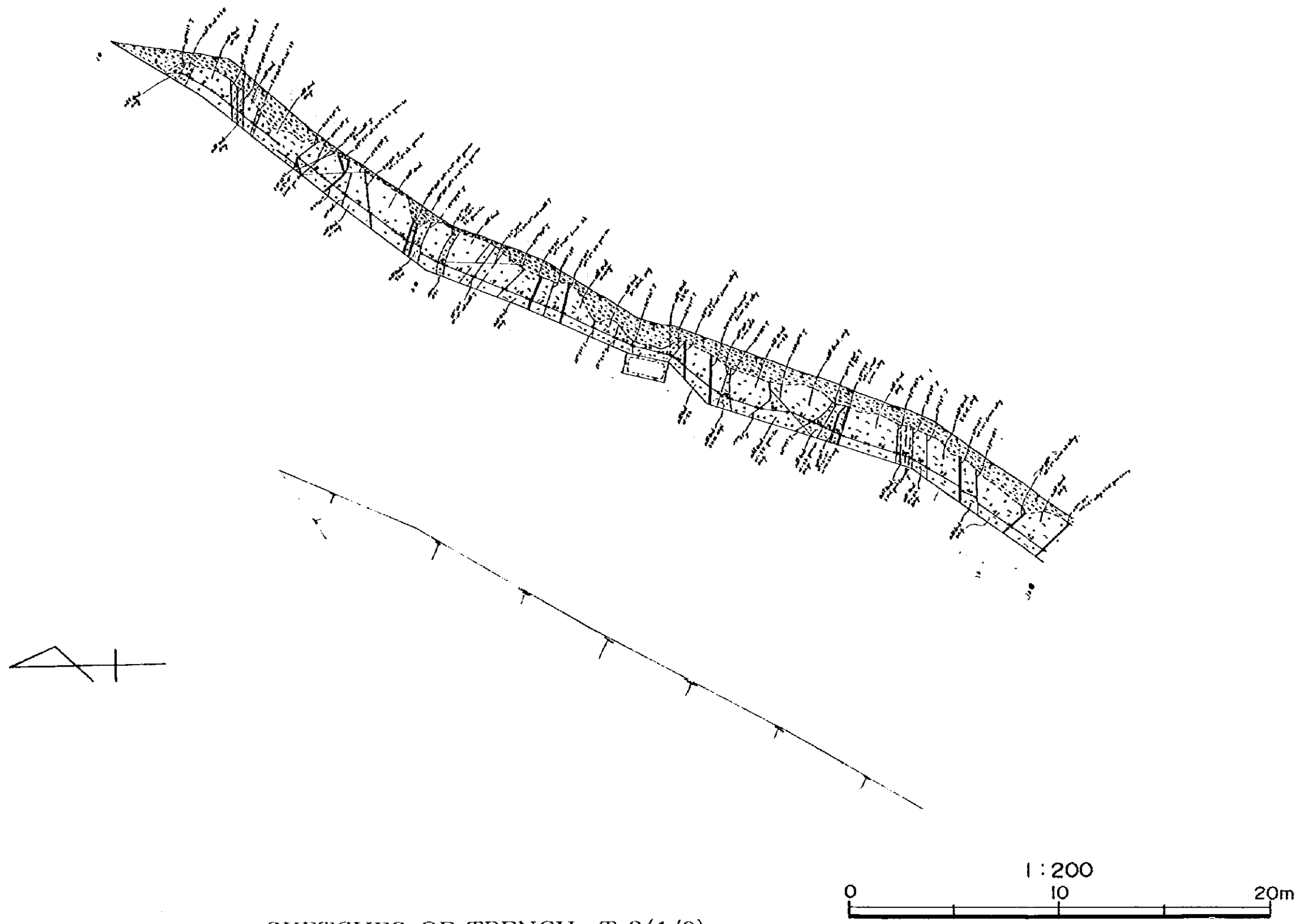
SKETCHES OF TRENCH T-1(6/7)



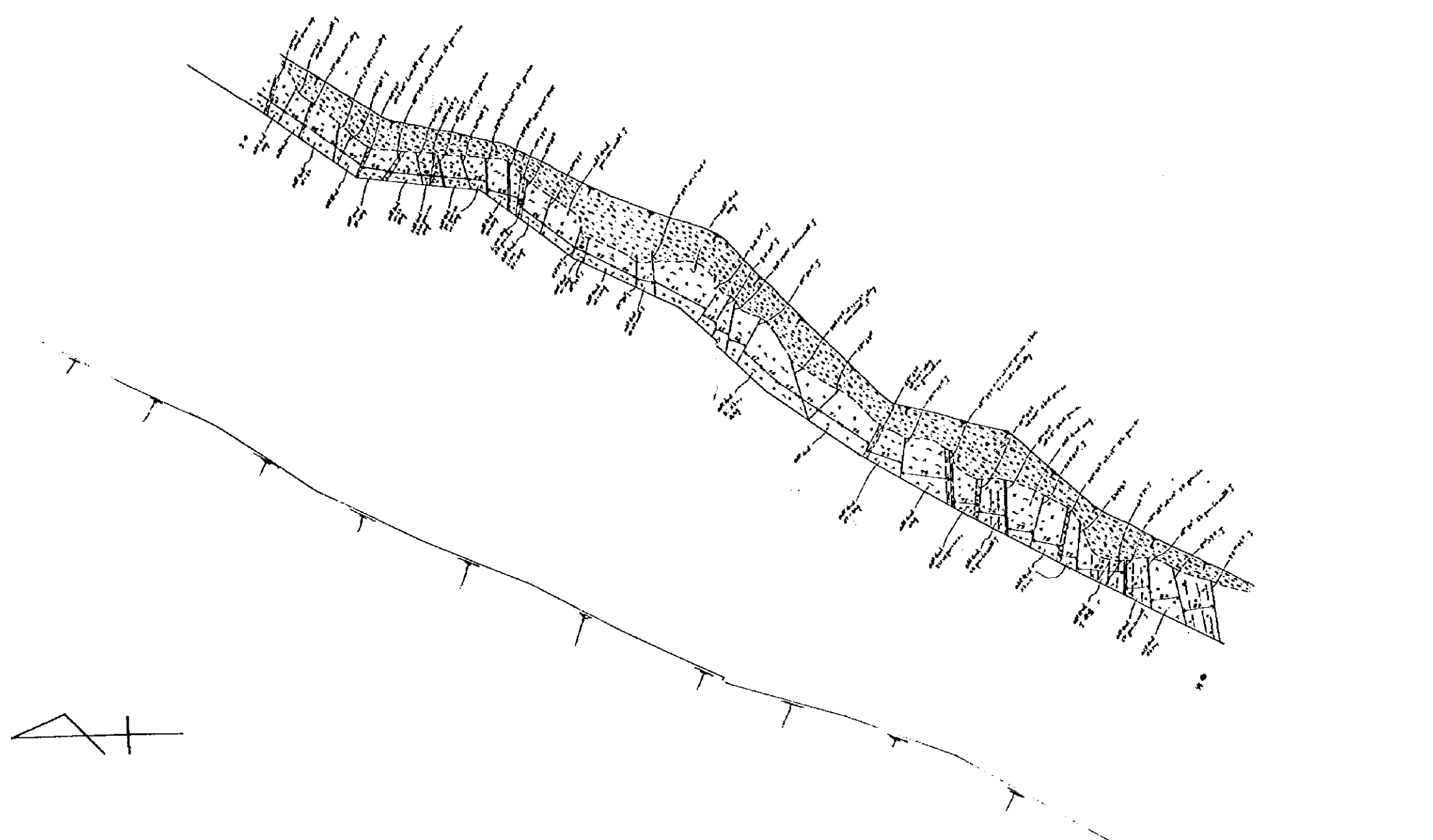


SKETCHES OF TRENCH T-1(7/7)

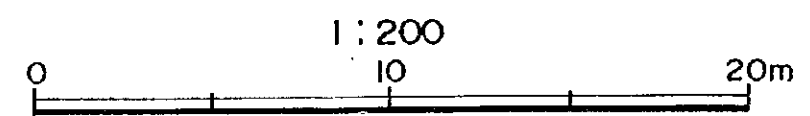


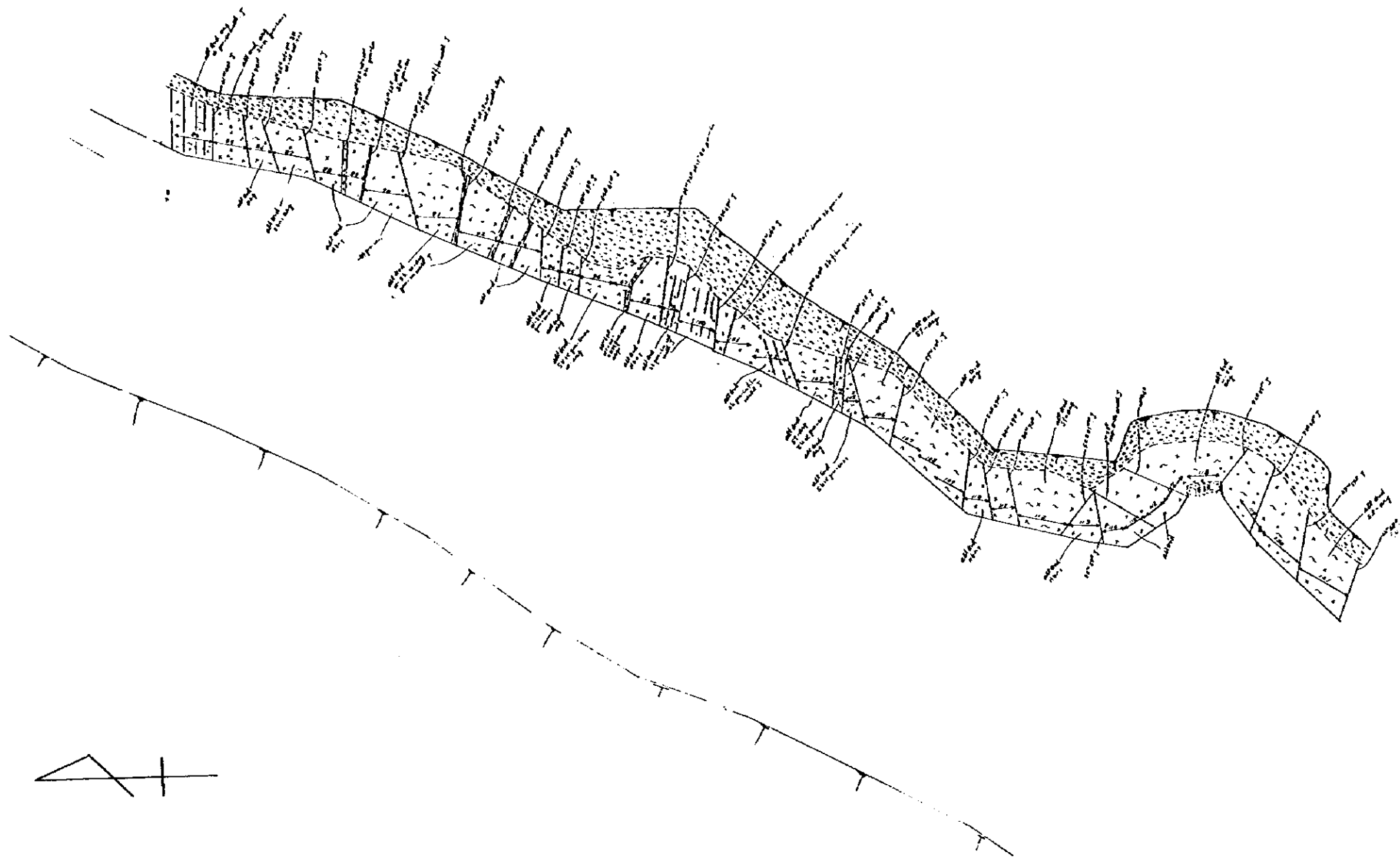


SKETCHES OF TRENCH T-2(1/9)

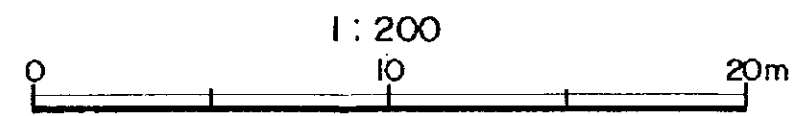


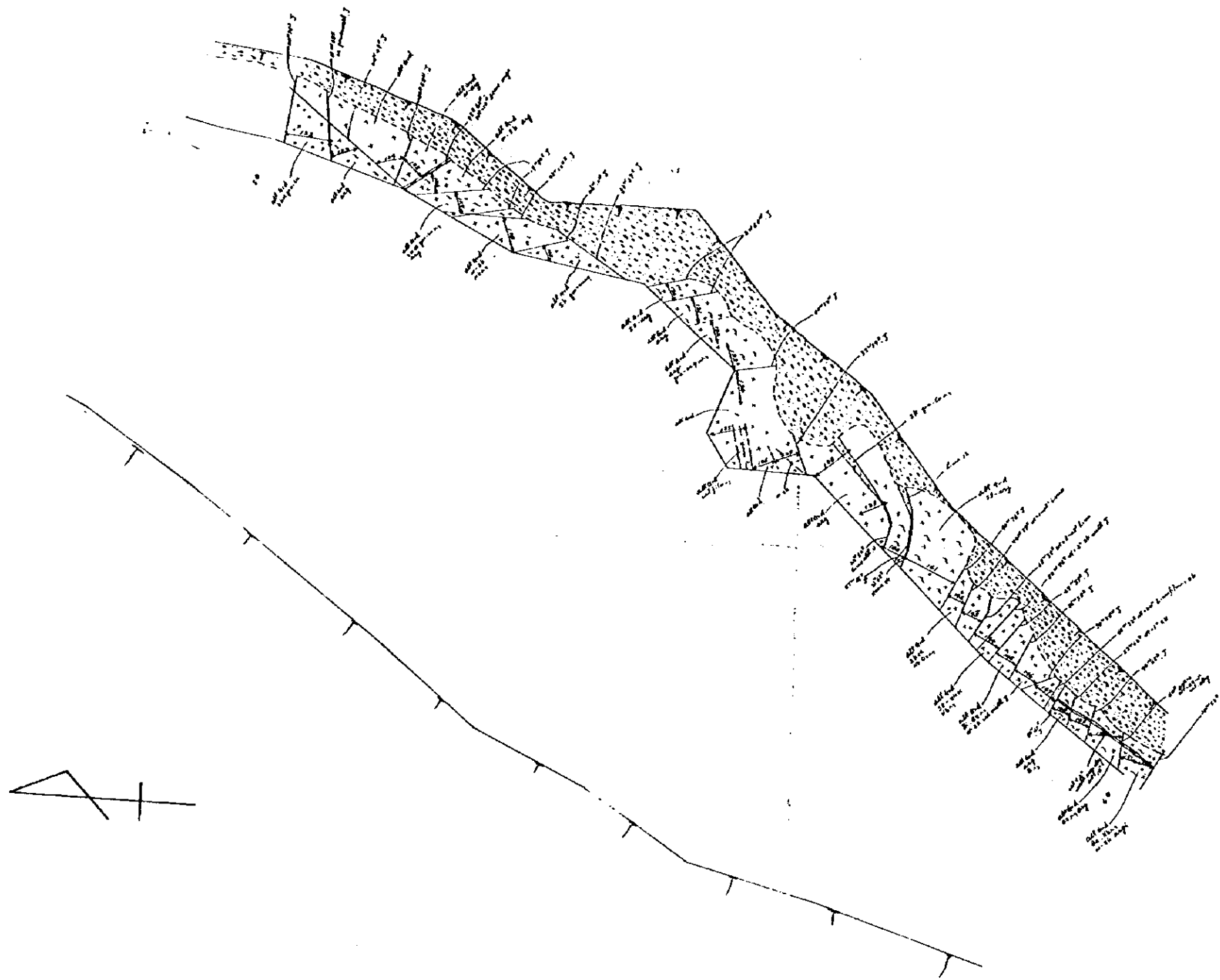
SKETCHES OF TRENCH T-2(2/9)



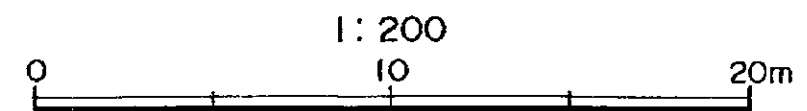


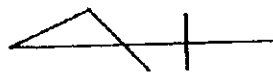
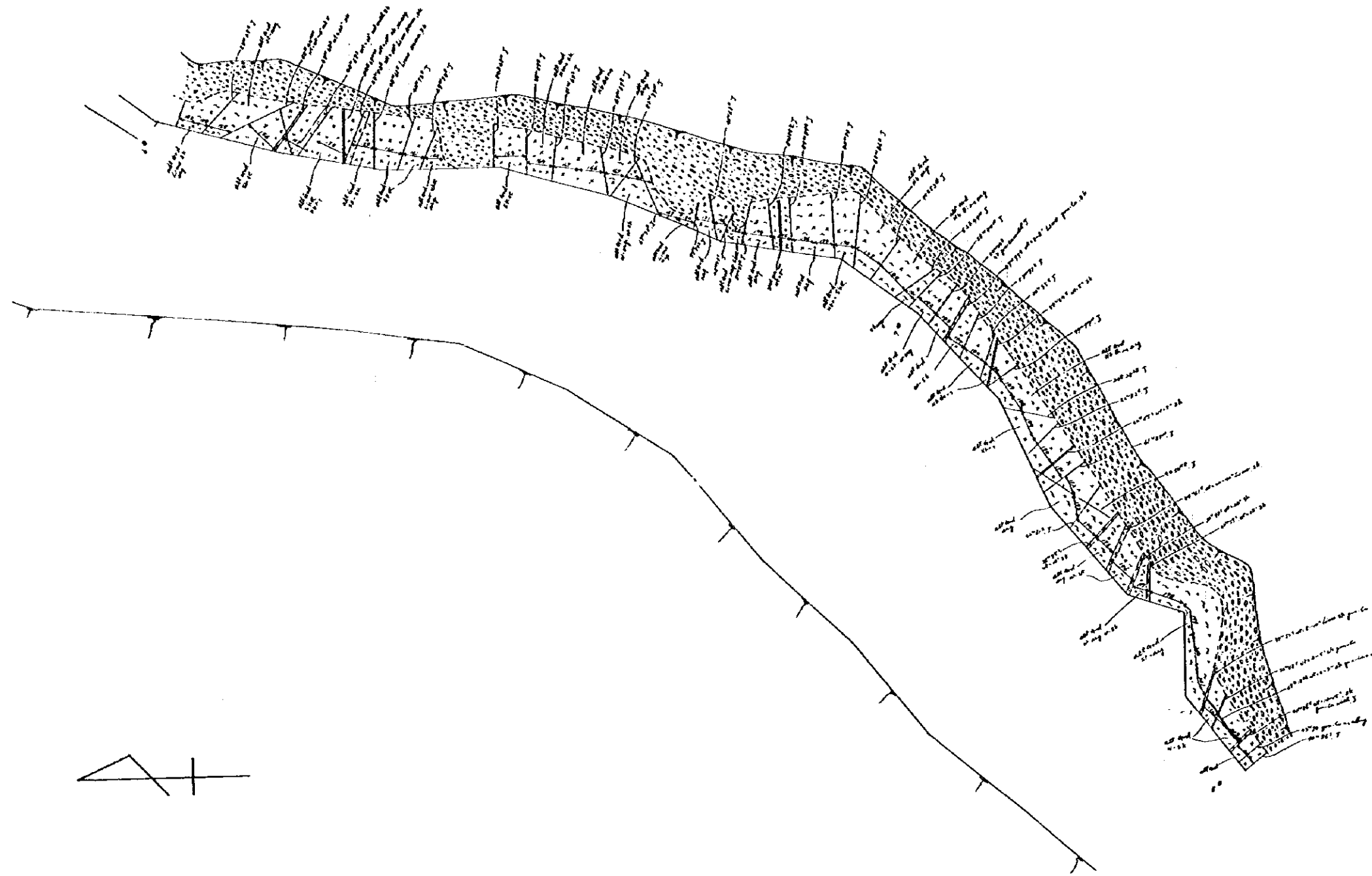
SKETCHES OF TRENCH T-2(3/9)



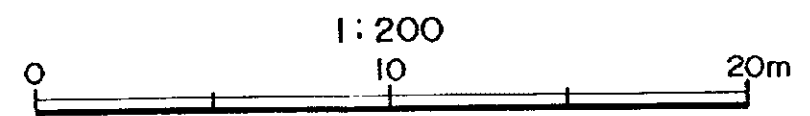


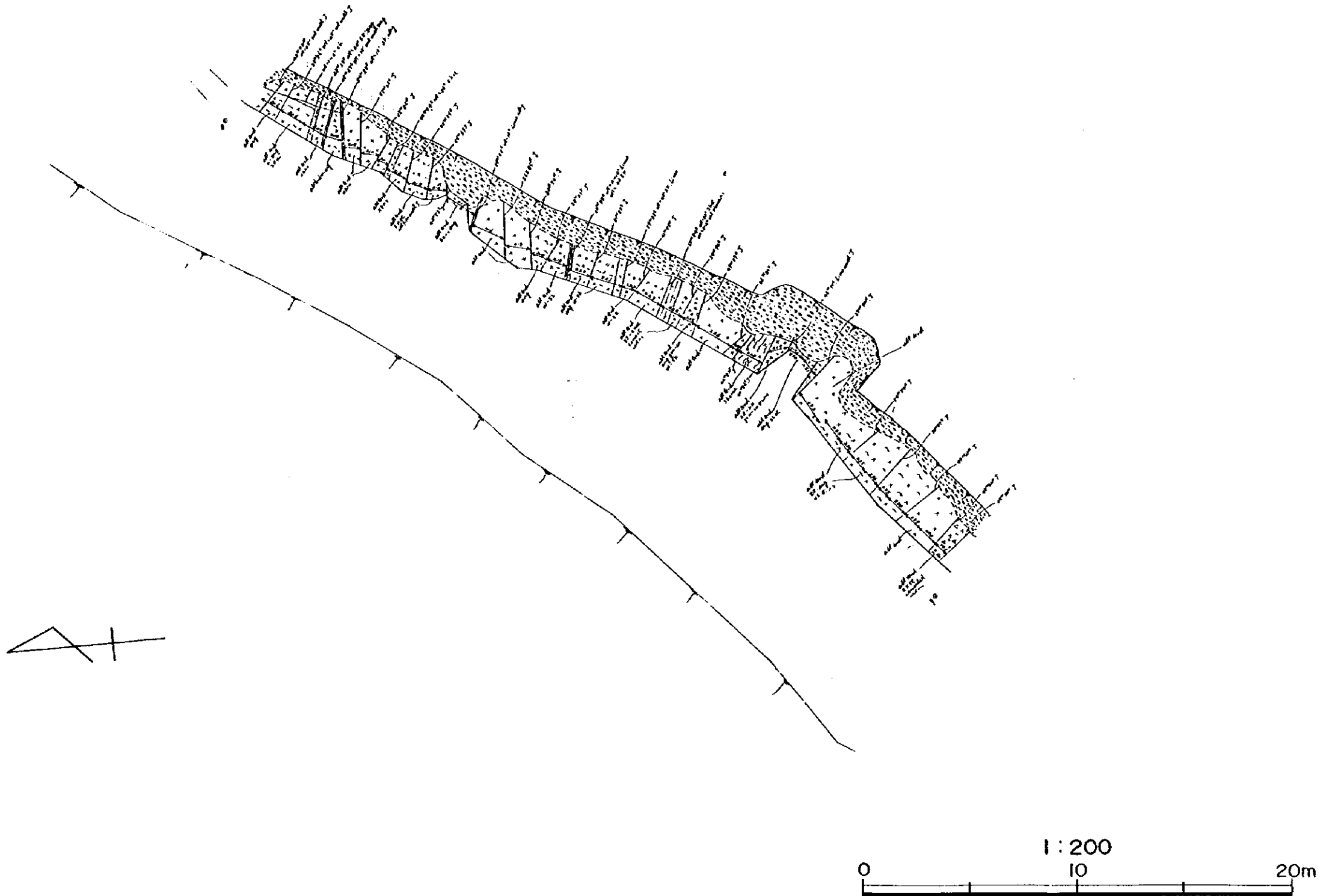
SKETCHES OF TRENCH T-2(4/9)



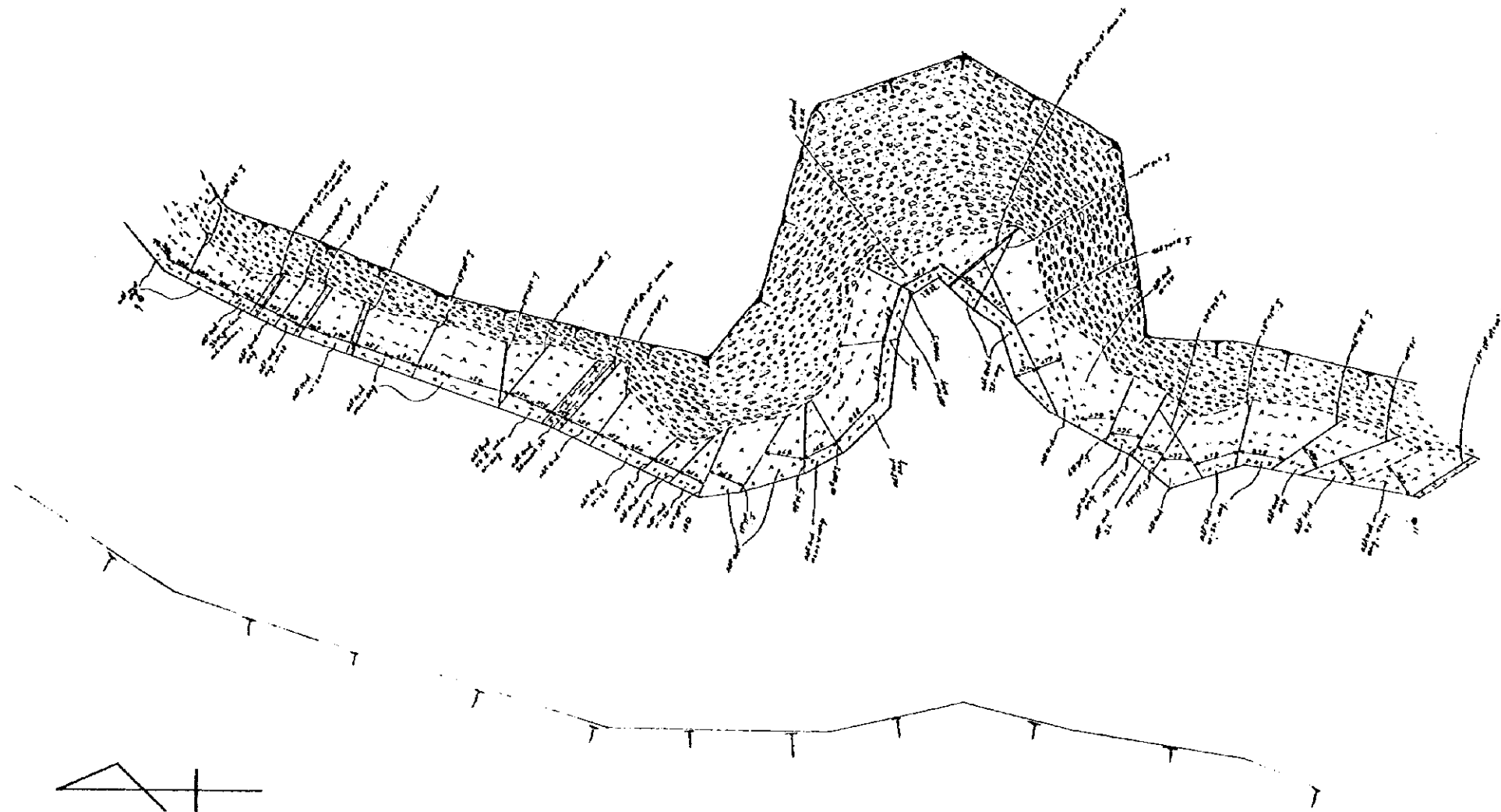


SKETCHES OF TRENCH T-2(5/9)

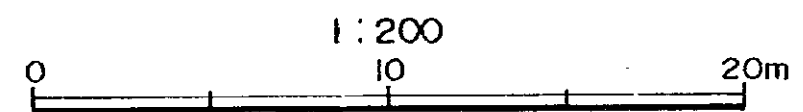


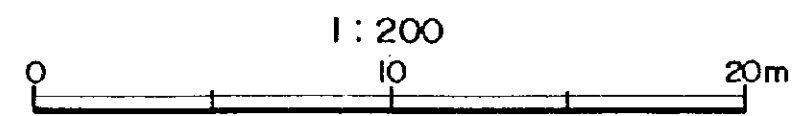
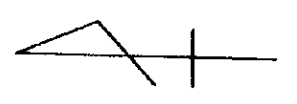
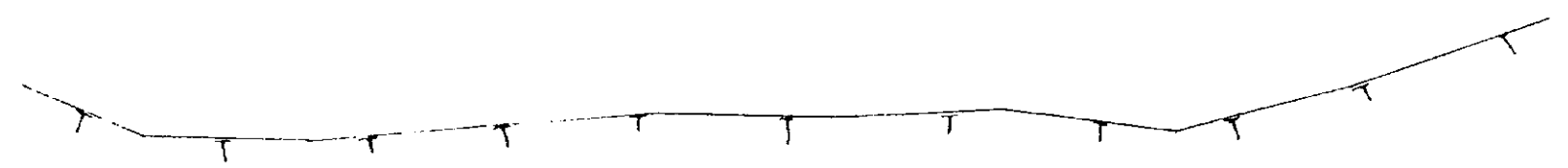
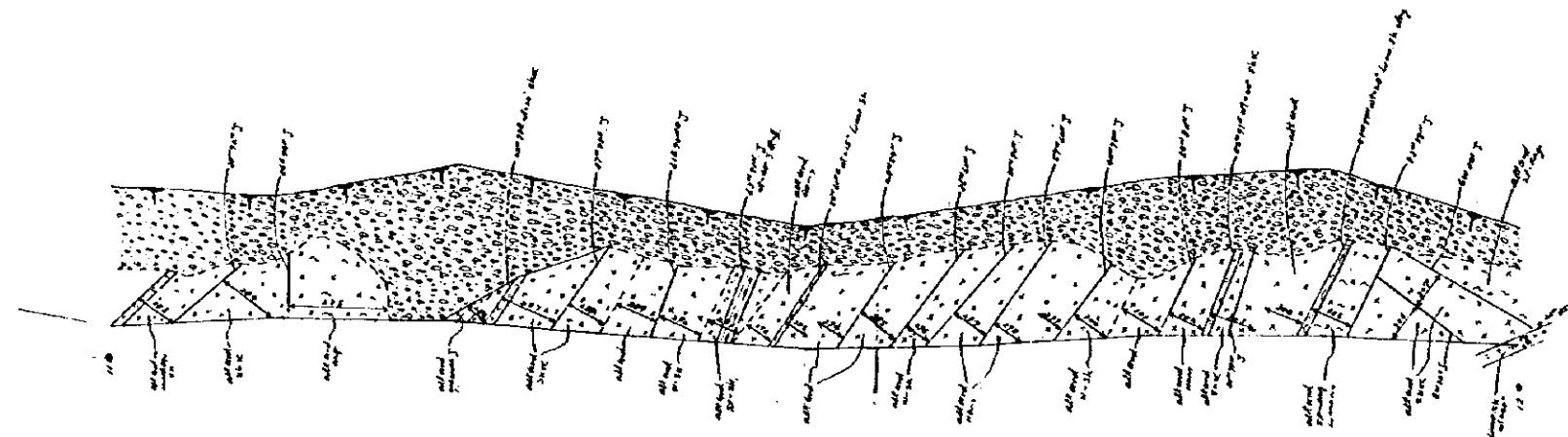


SKETCHES OF TRENCH T-2(6/9)

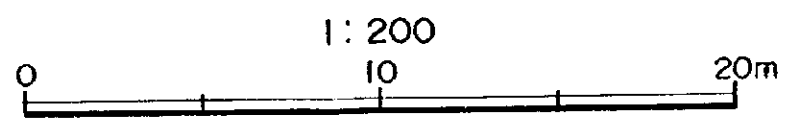
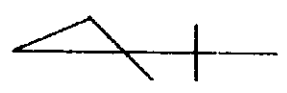
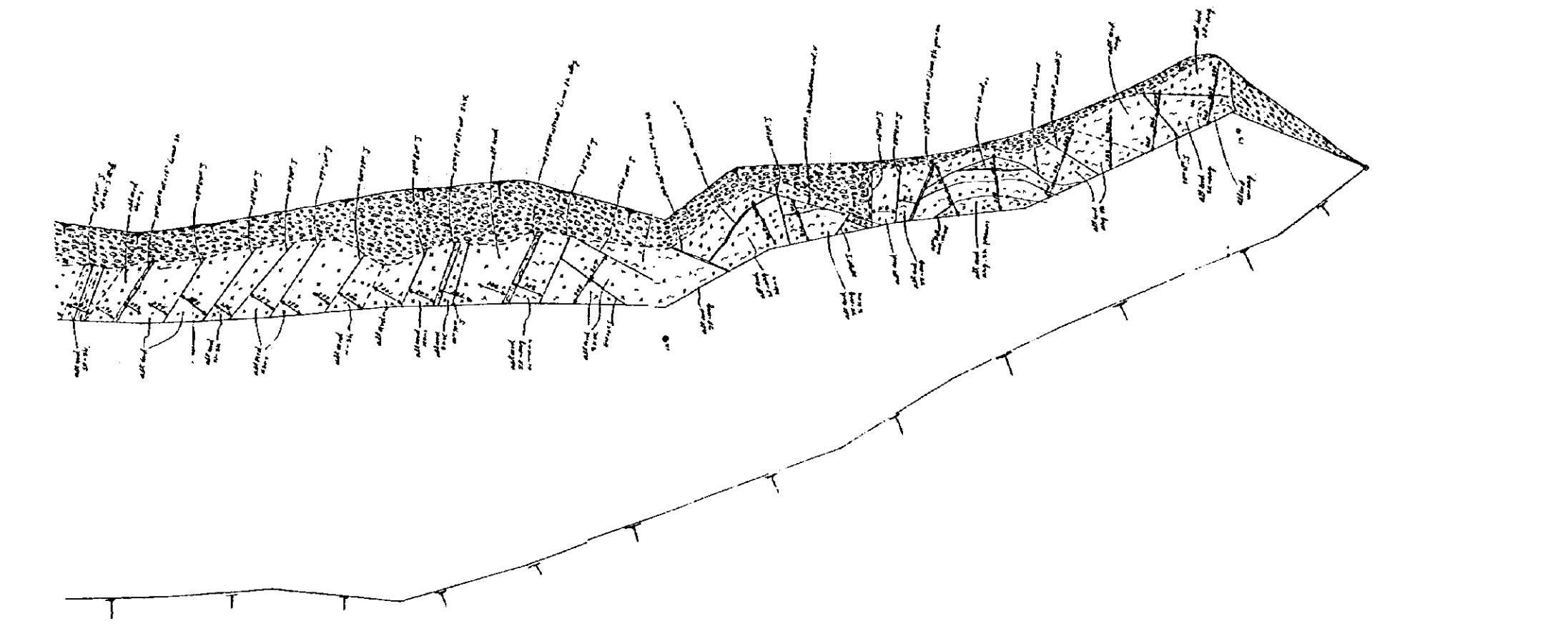


SKETCHES OF TRENCH T-2(7/9)

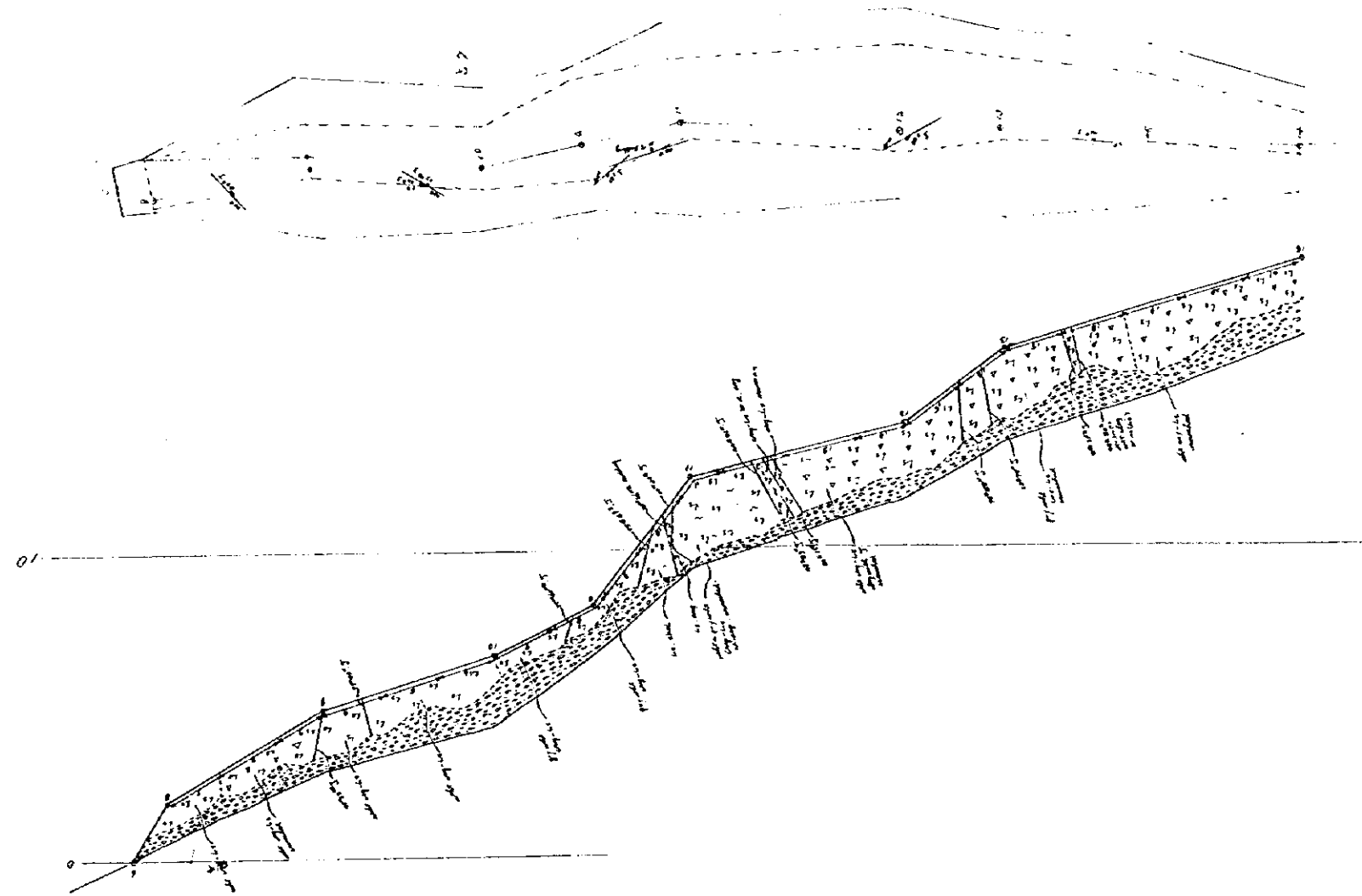
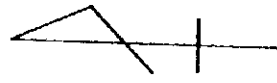




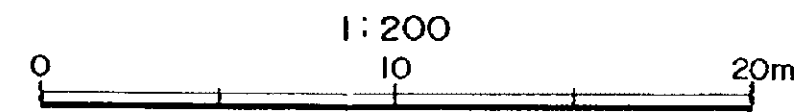
SKETCHES OF TRENCH T-2(8/9)

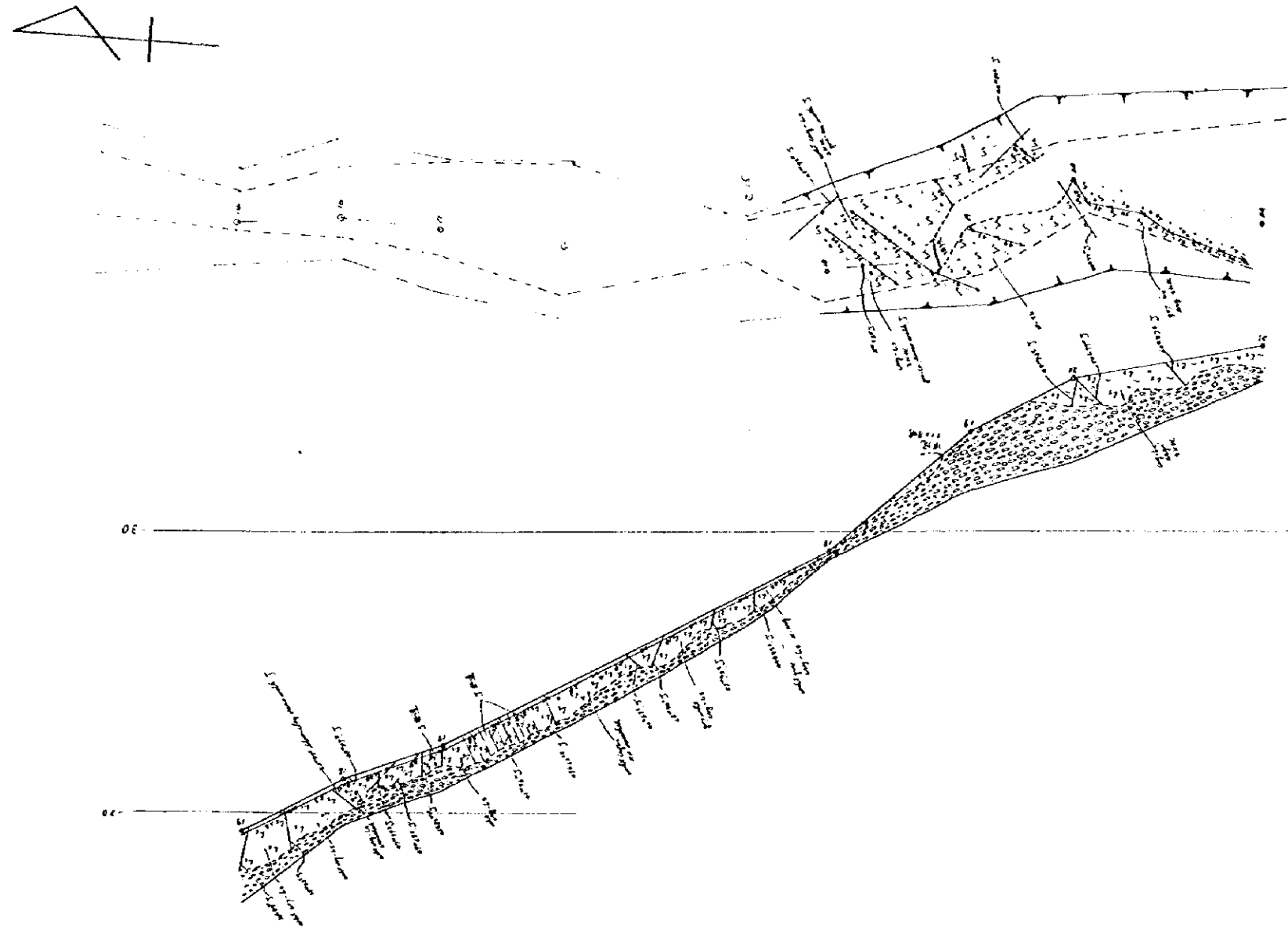


SKETCHES OF TRENCH T-2(9/9)

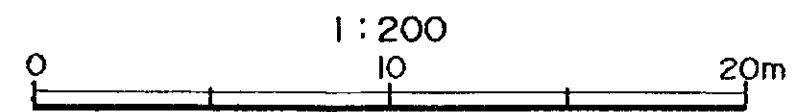


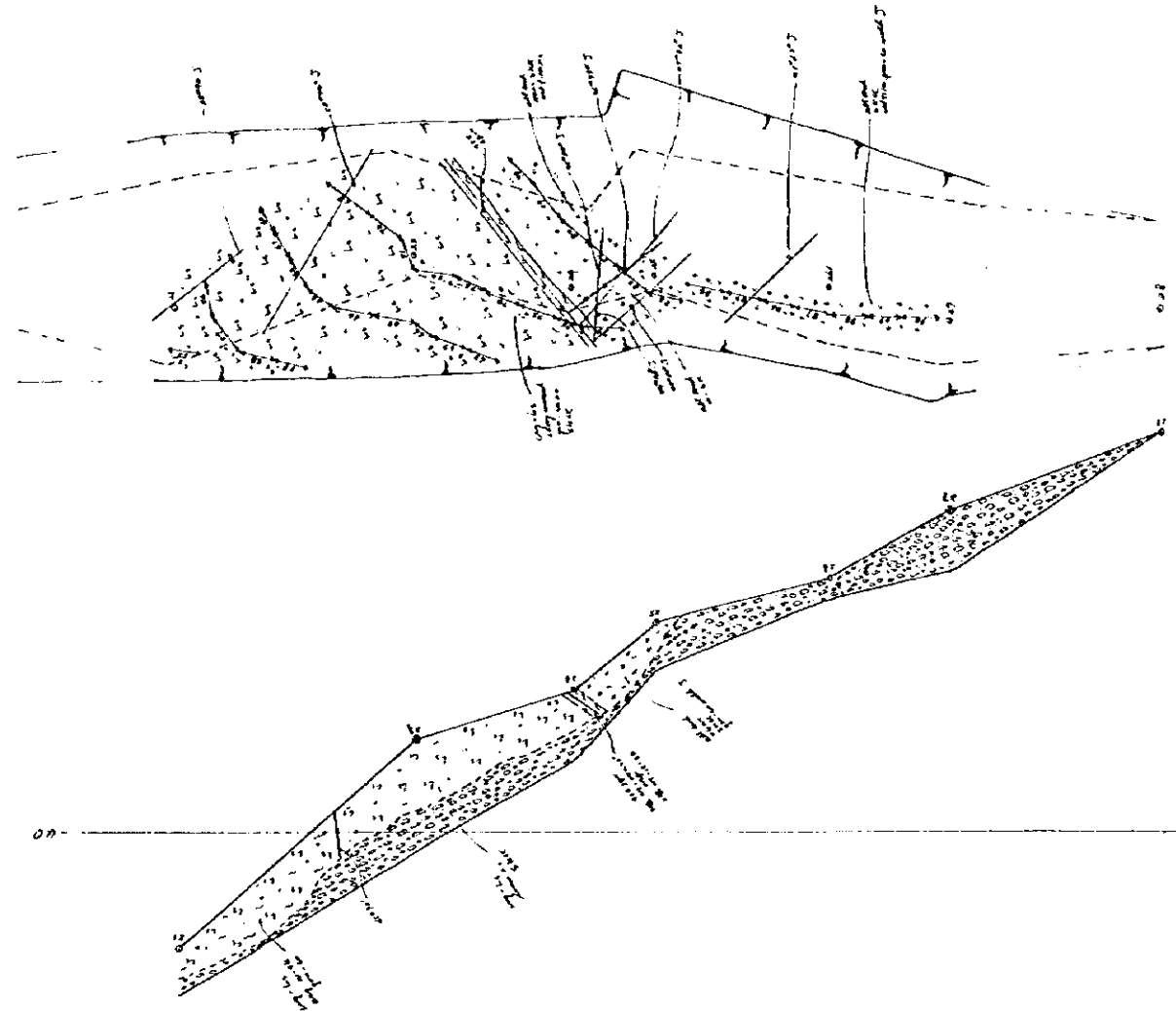
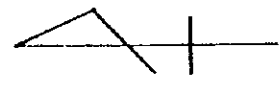
SKETCHES OF TRENCH T-3(1/3)





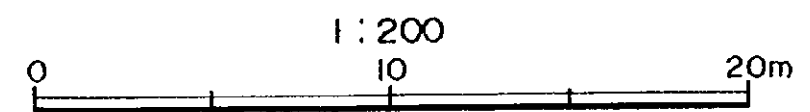
SKETCHES OF TRENCH T-3(2/3)





45 -

SKETCHES OF TRENCH T-3(3/3)

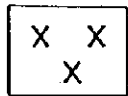


Appendix 14 Sketches of Trenches in the Kichi-Sandyk Deposit
(R-1, R-2)

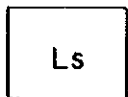
LEGEND



Soil, sand, ancient extraction



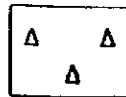
Granodiorite Porphyry



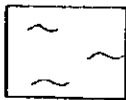
Limestone



Skarnization



Crushed Zone.



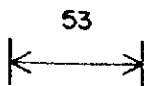
Argillic Alteration



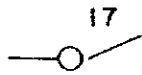
Mineralization
(green Cu, Cp, Bn, Py)



Strike and dip
(joint & fracture)



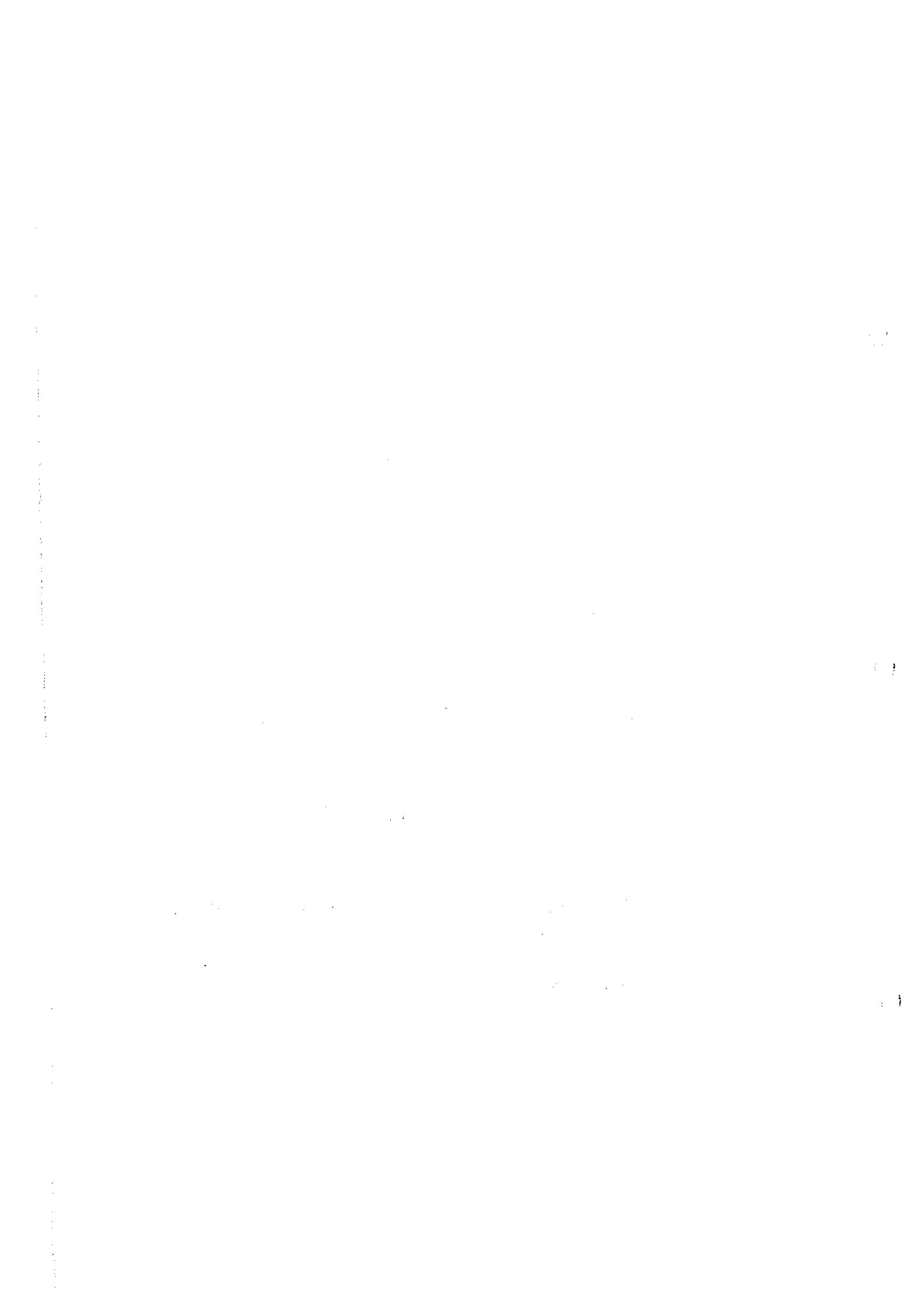
Sample for chemical assay
and collecting length.

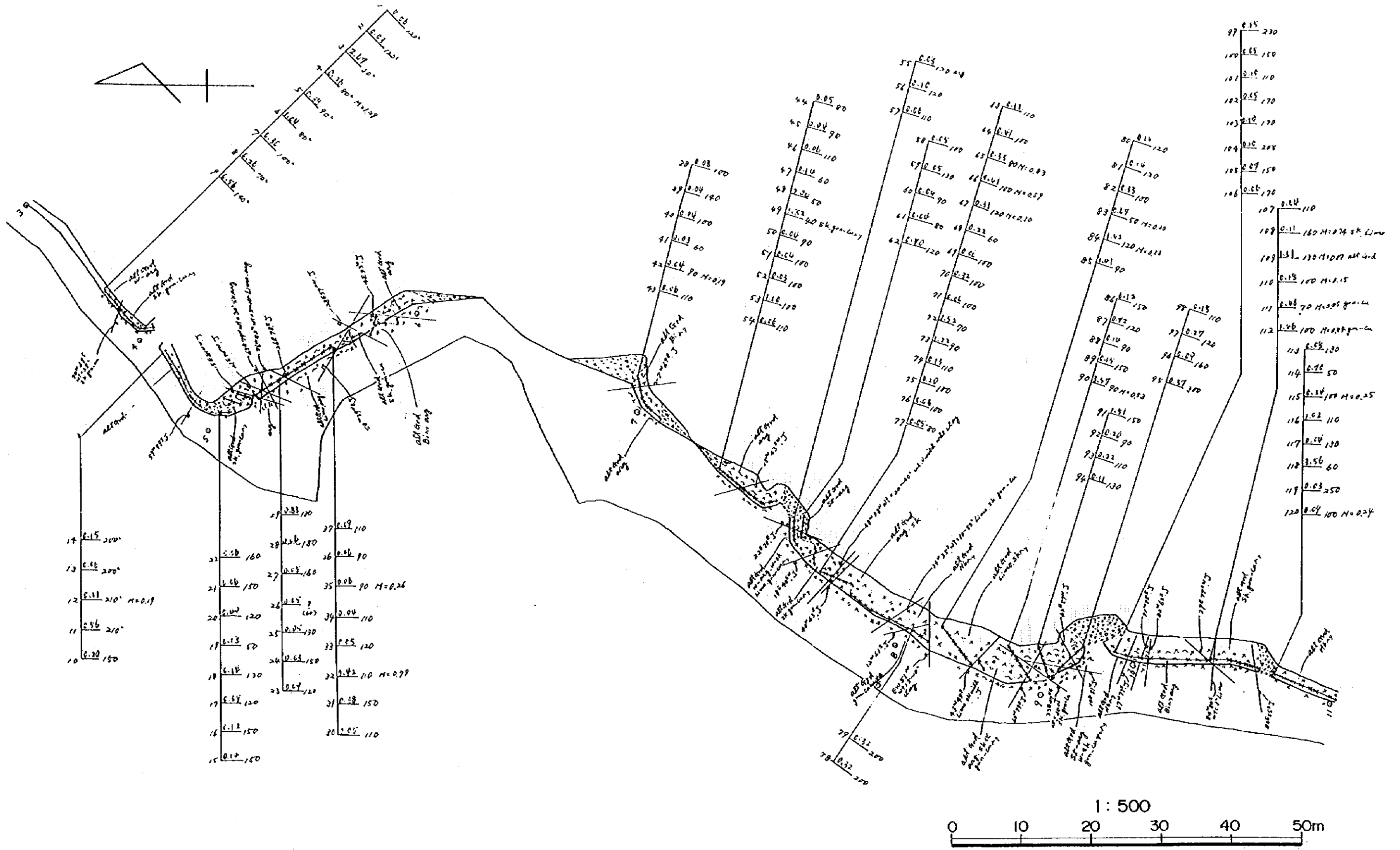


Surveying point

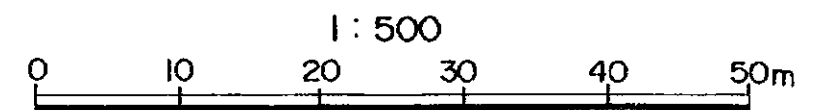
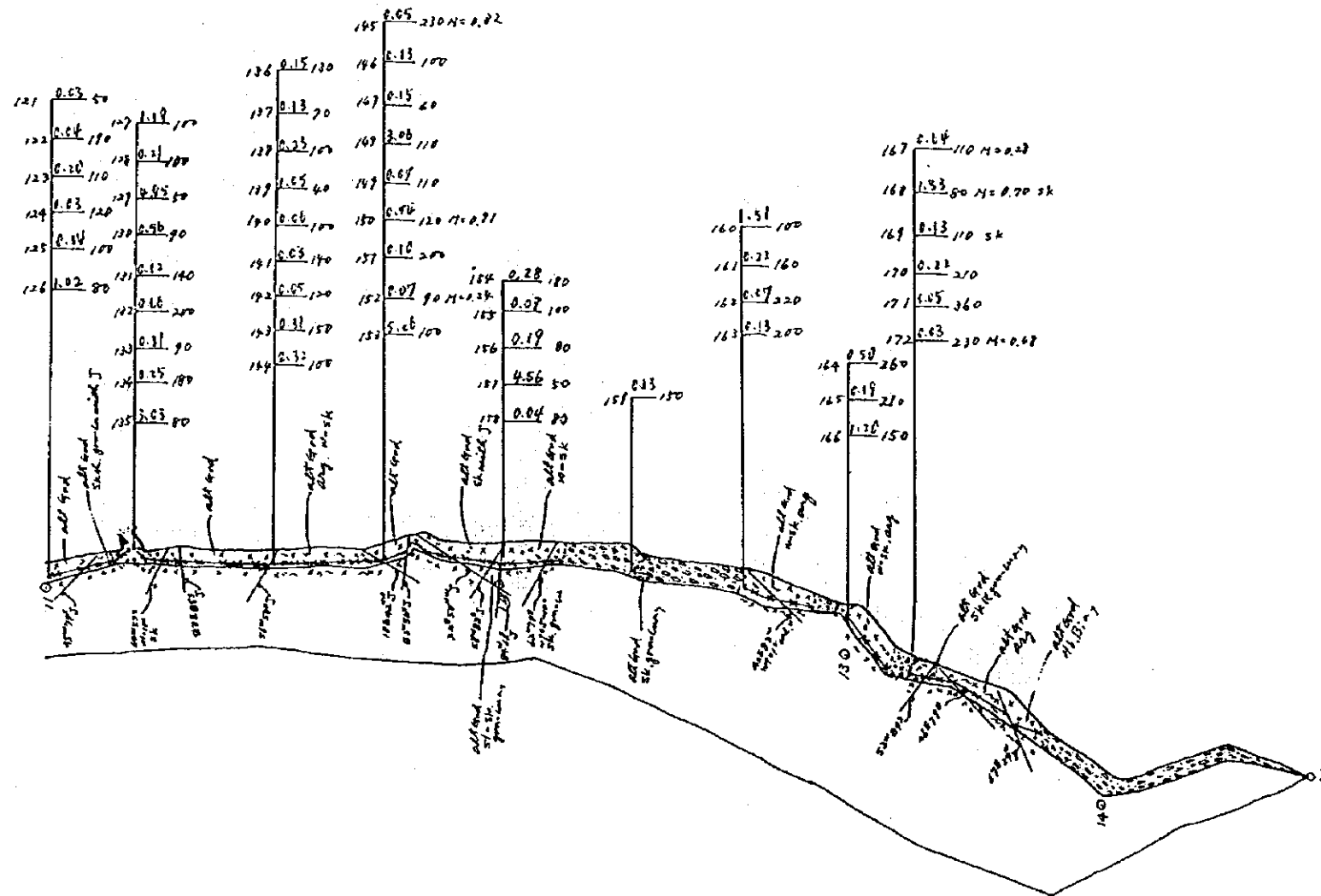
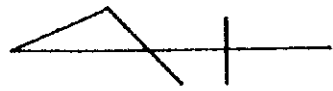
98	1.50	80
99	3.20	150

sampleNo Au(g/t) length (cm)

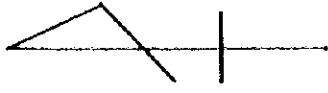




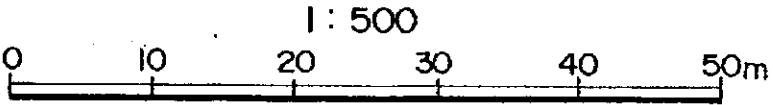
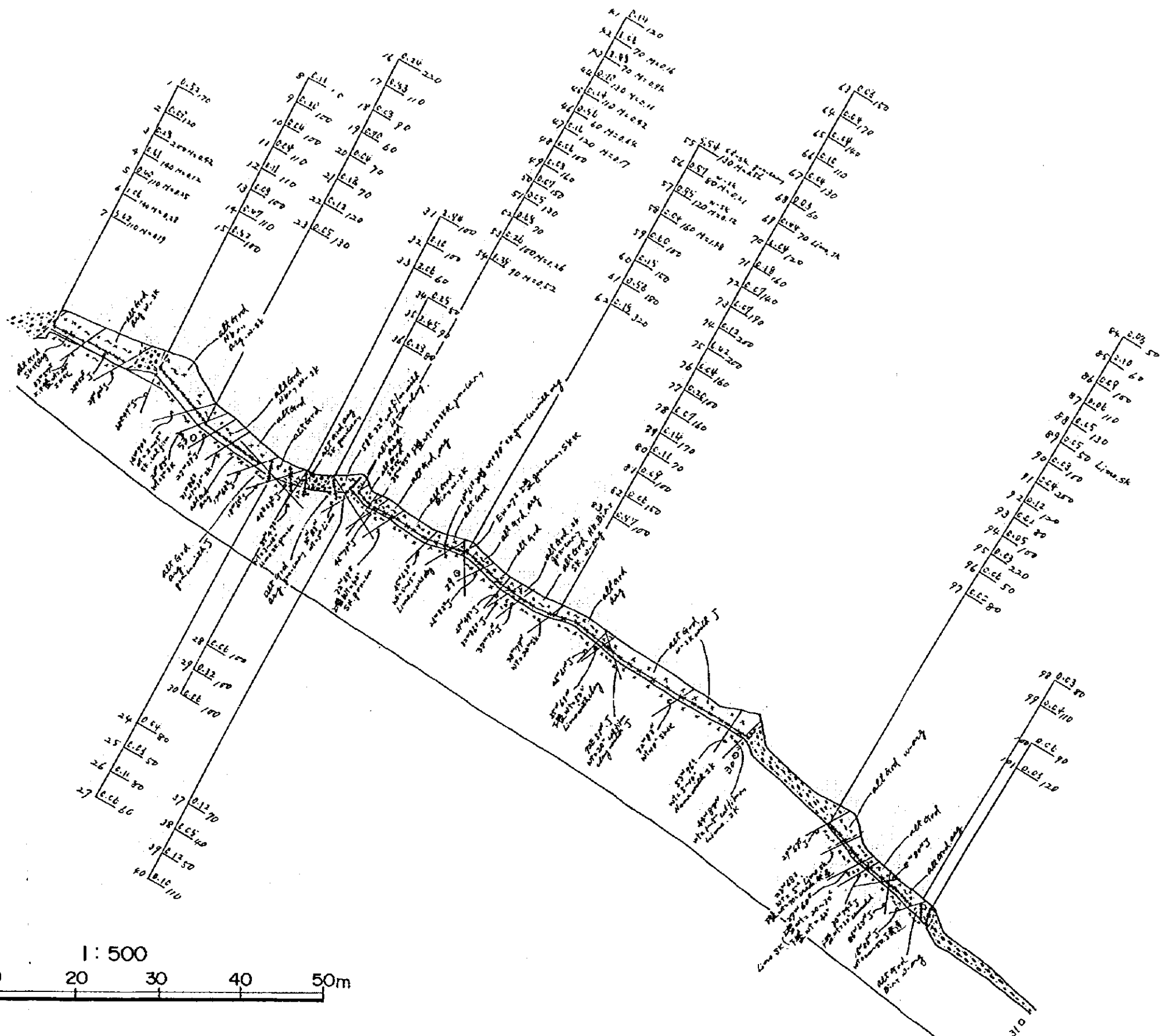
SKETCHES OF TRENCH R-1 (1/2)



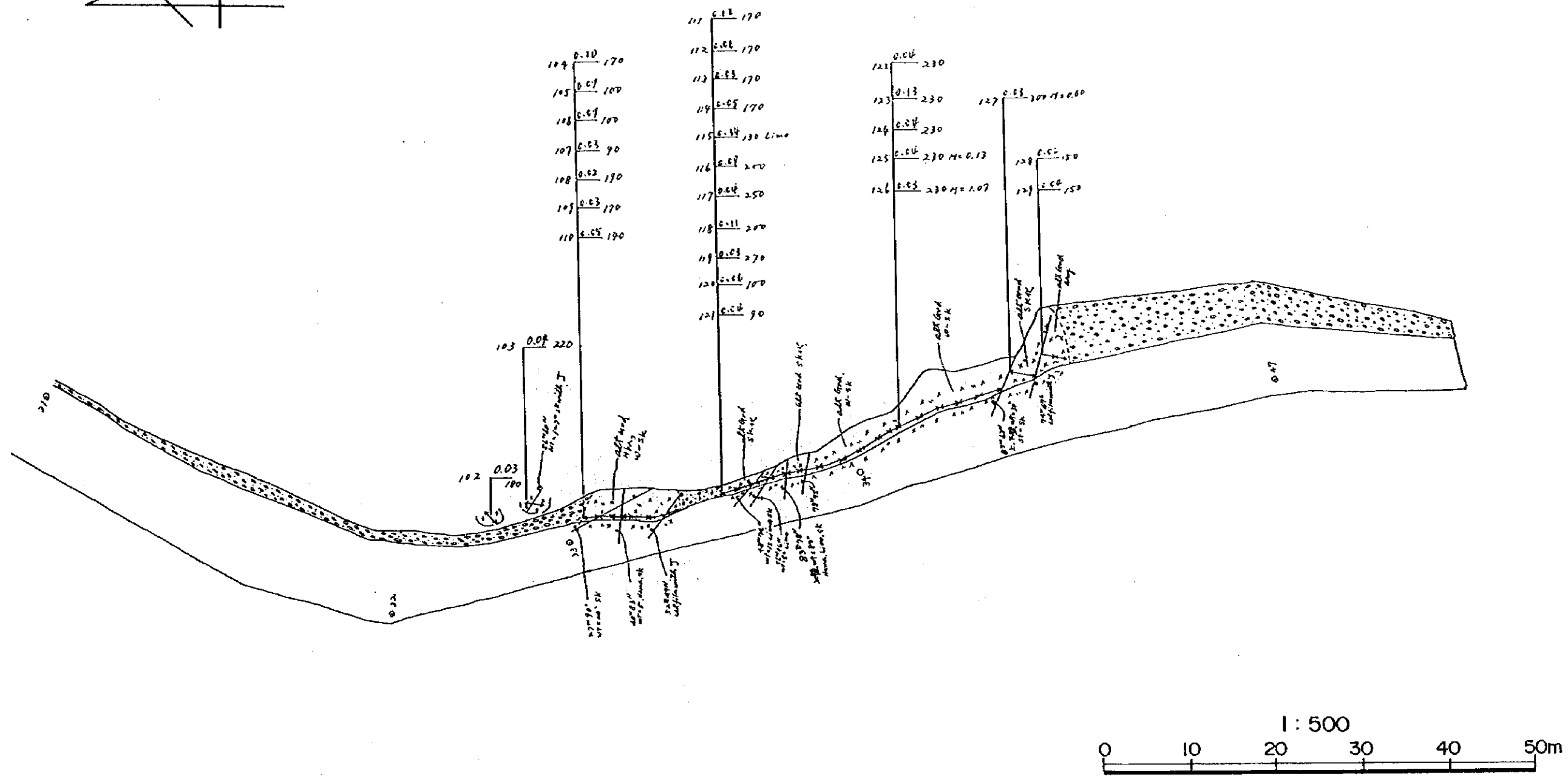
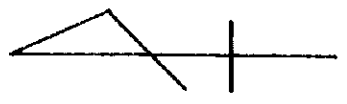
SKETCHES OF TRENCH R-1 (2/2)



20



SKETCHES OF TRENCH R-2 (1/2)



SKETCHES OF TRENCH R-2 (2/2)

5,600

3,000

3,200

3,400

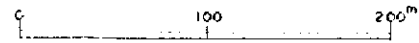
3,600

3,800

4,000

4,200

4,400



5,400

5,200

5,000

4,800

4,600

A

D

C

Ls

Kichi-Sandyk (North)

Ls

Gdp

Gdp

Ls

70~75

Gdp

Ls

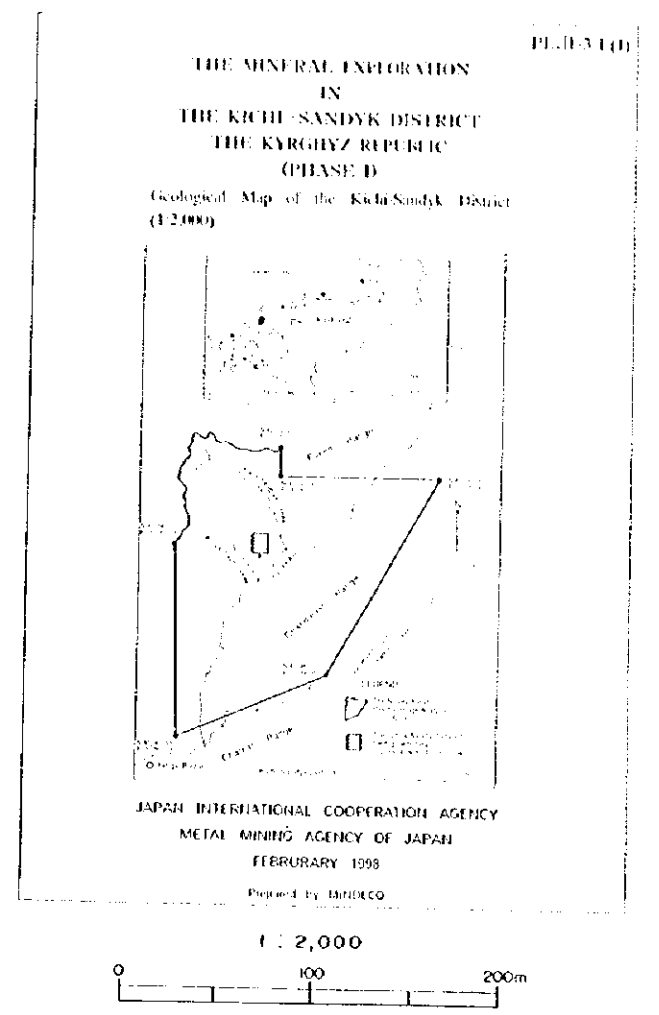
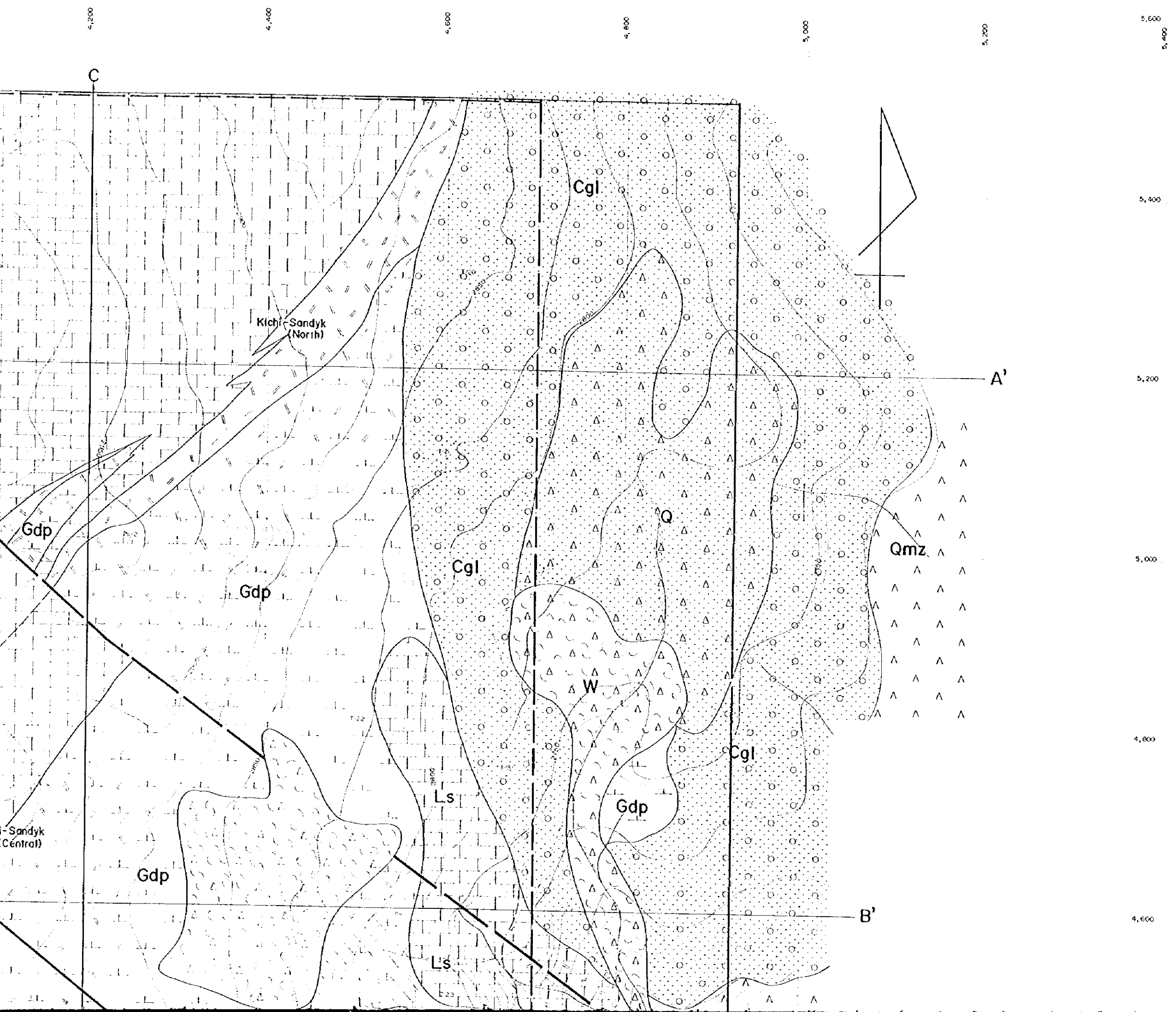
Kichi-Sandyk (Central)

Ls

Gdp

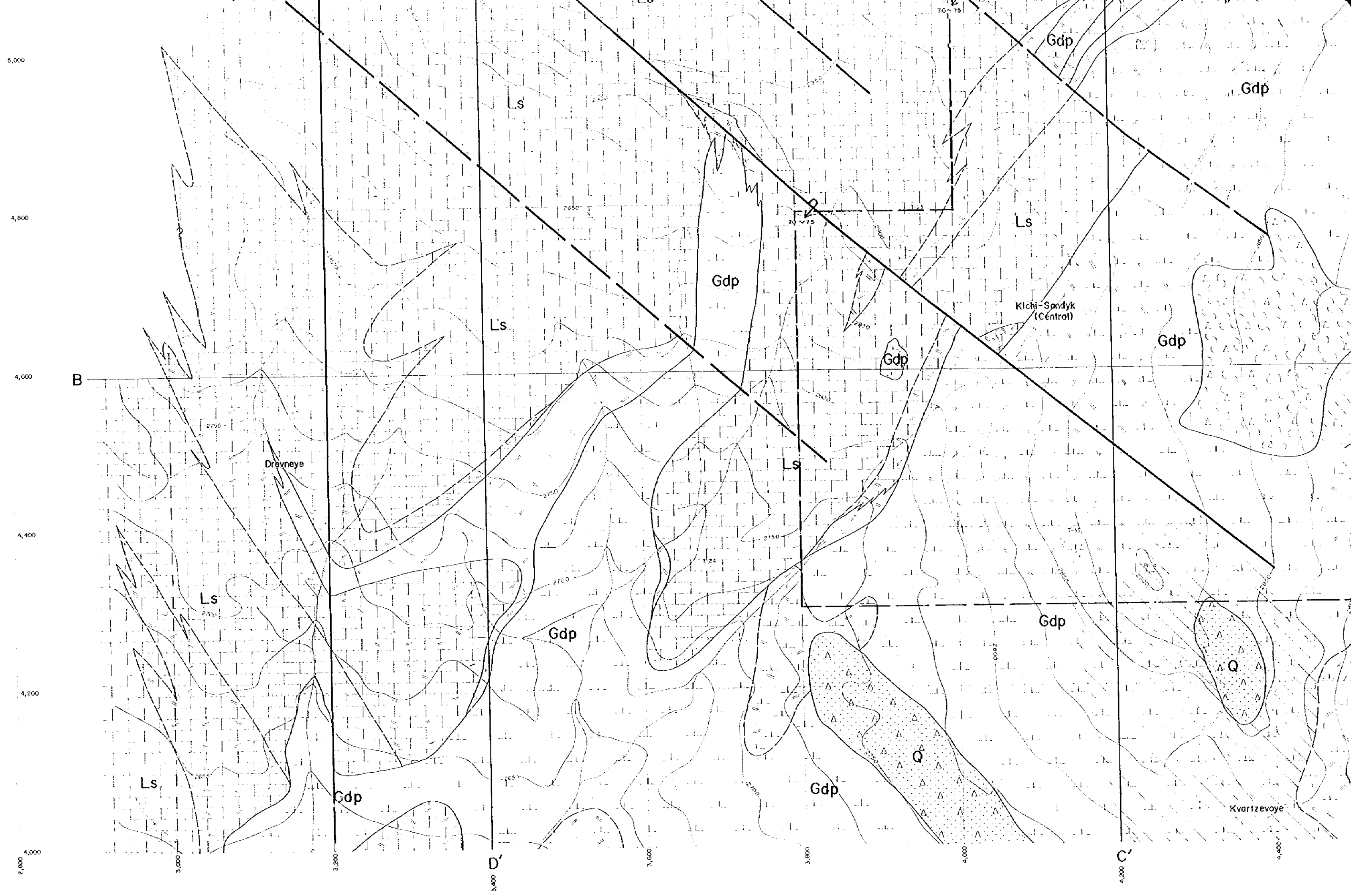
Gdp

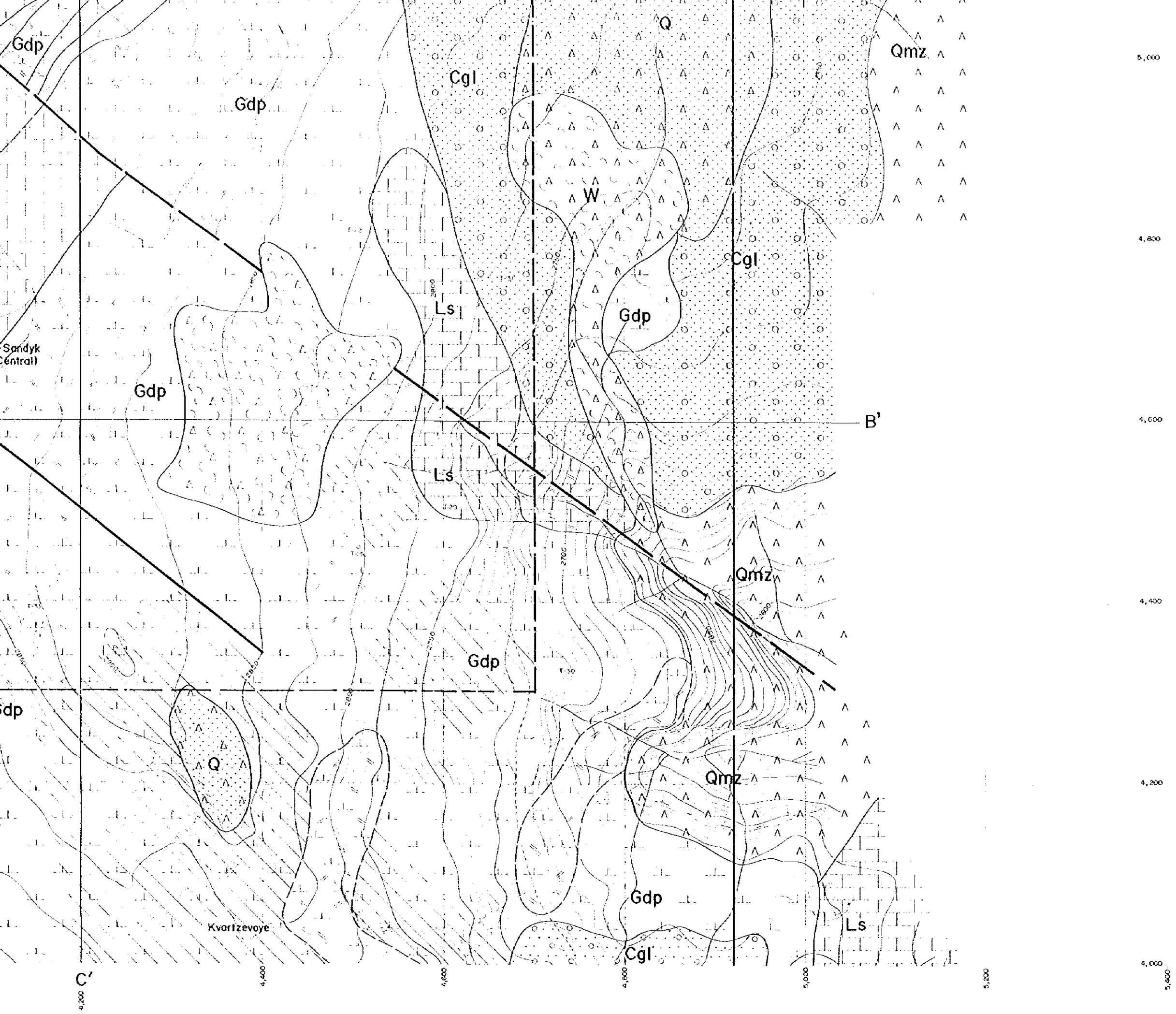
B



LEGEND

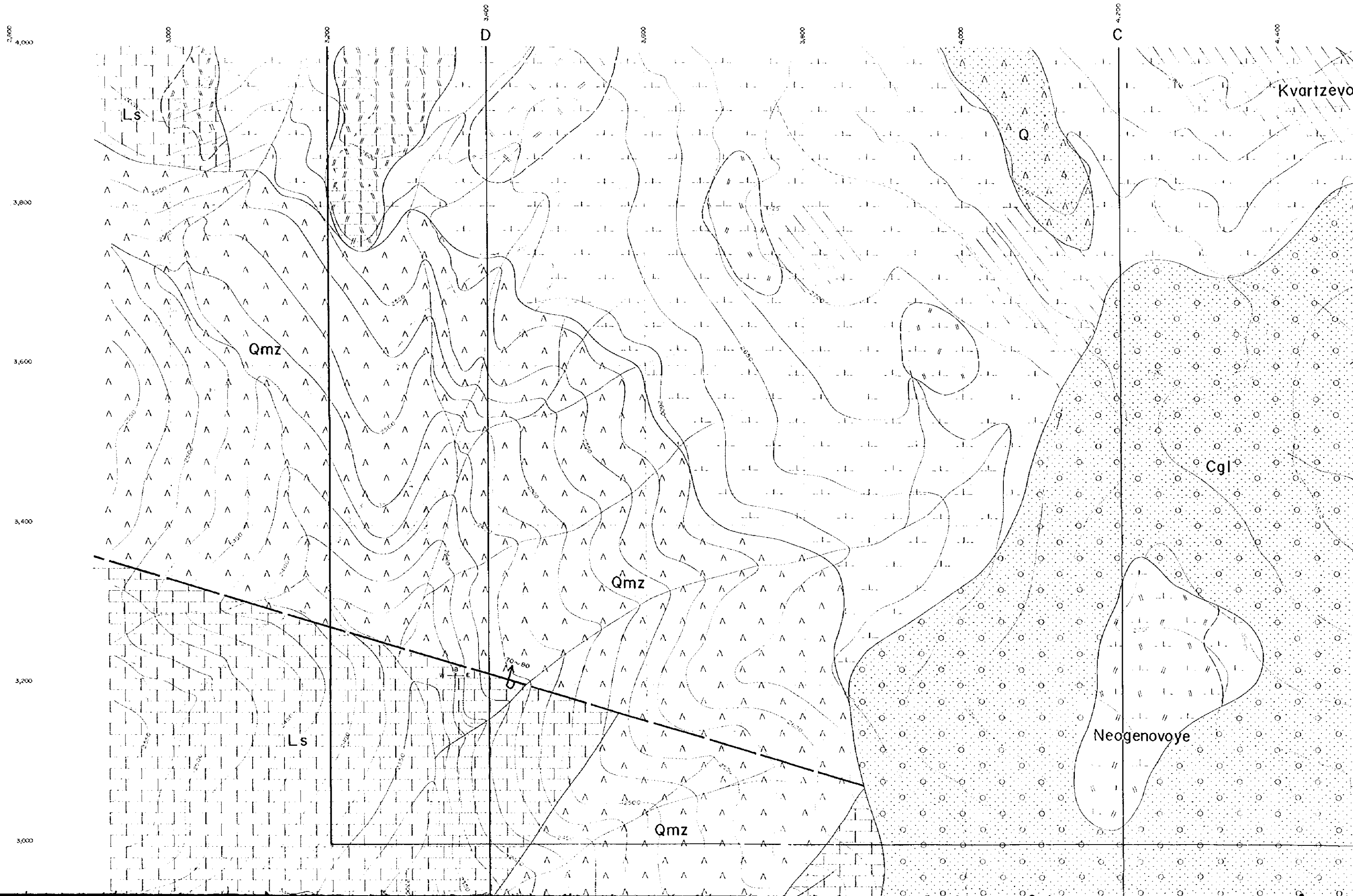
	W	waste, ancient extractions
	Q	Quaternary sand, clay unconsolidated sediments
	C	Tertiary conglomerate
	Ls	Carboniferous limestone, marble
[Intrusive Rocks]		
	Gdp	Permian granodiorite porphyry (Chalmonsay complex)
	Qmz	Carboniferous quartz monzonite (Sardalash complex)
		massive skarn (fexo skarn)
		skarnized limestone
		granodiorite porphyry
		silicified granodiorite porphyry (fendo skarn)
		mineralized zone
		strike and dip of strata
		fault
		inferred fault
		geological survey
		detailed geological

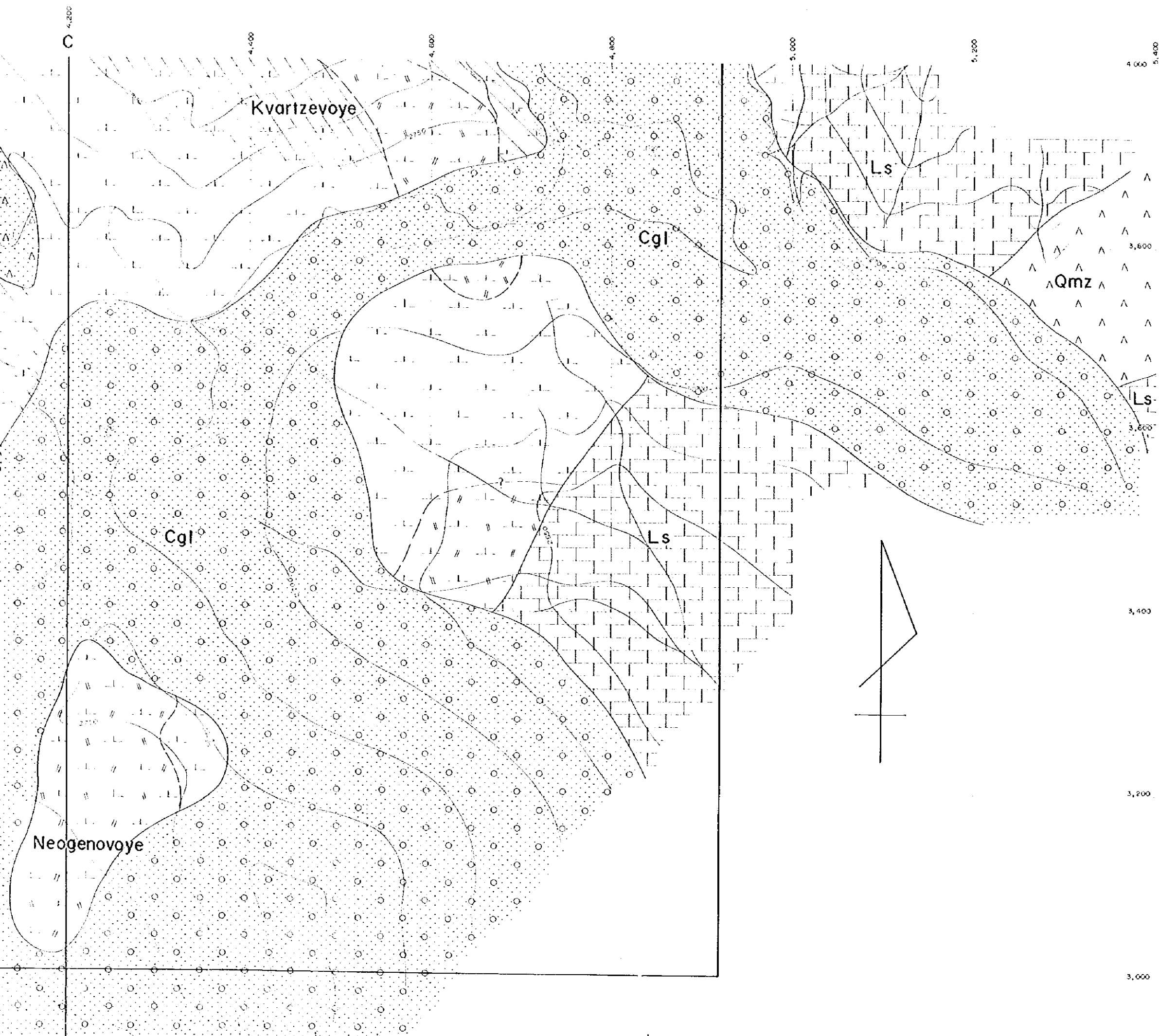




LEGEND

- W waste, ancient extractions
- Quaternary** Q sand, clay unconsolidated sediments
- Tertiary** C conglomerate
- Carboniferous** Ls limestone, marble
- [Intrusive Rocks]**
- Permian** Gdp granodiorite porphyry (chalimansay complex)
- Carboniferous** Qmz quartz monzonite (sardalash complex)
- massive skarn (exo skarn)
- skarnized limestone
- granodiorite porphyry
- silicified granodiorite porphyry (endo skarn)
- mineralized zone
- strike and dip of strata
- fault
- inferred fault
- geological survey area (1:2,000)
- detailed geological survey area (1:1,000)

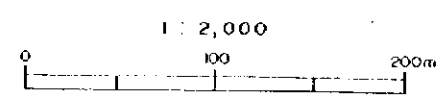




PL. 31 (2)

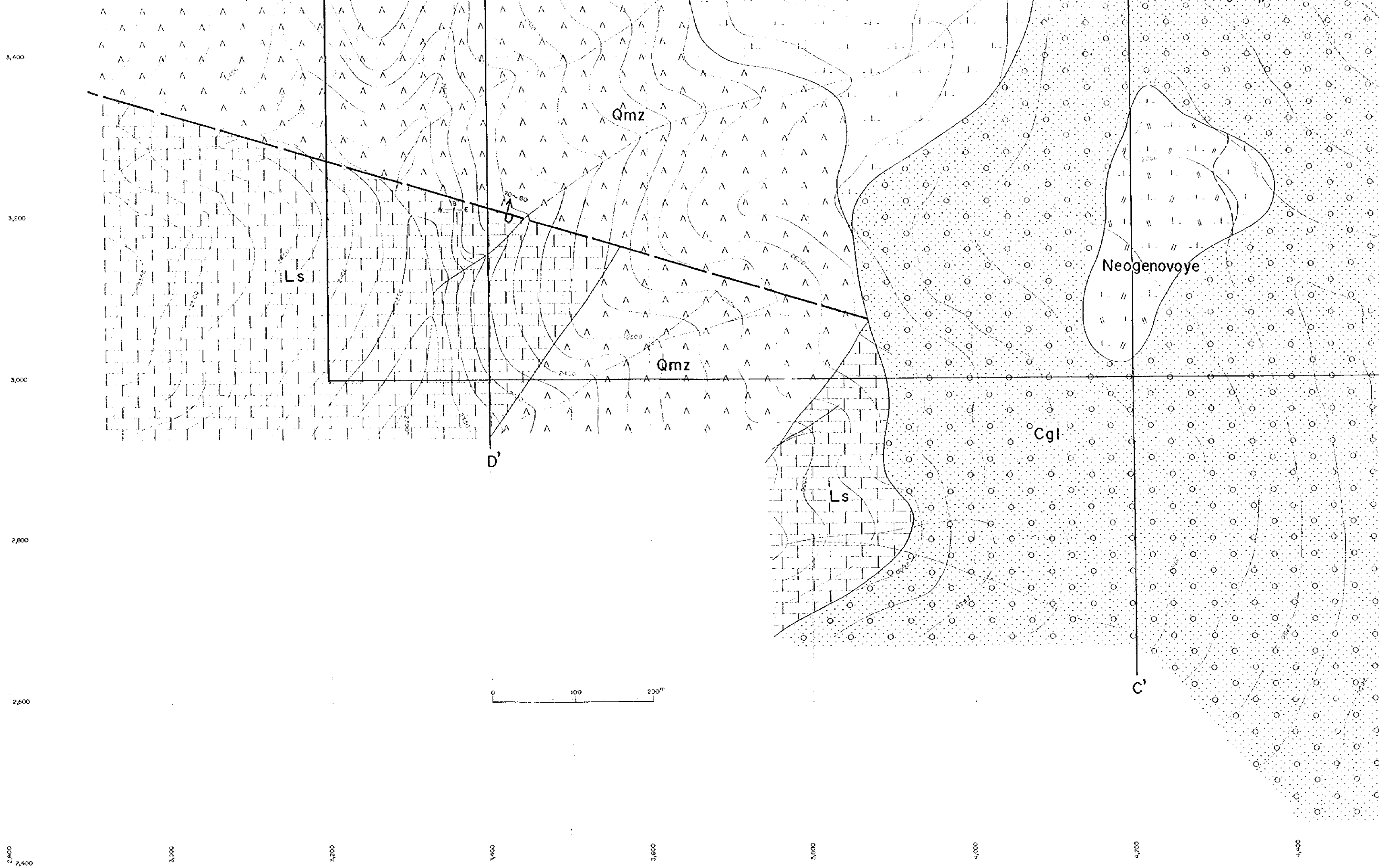
**THE MINERAL EXPLORATION
 IN
 THE KICH-SANDYK DISTRICT
 THE KYRGYZ REPUBLIC
 (PHASE I)**
 Geological Map of the Kich-Sandyk District
 (1:2,000)

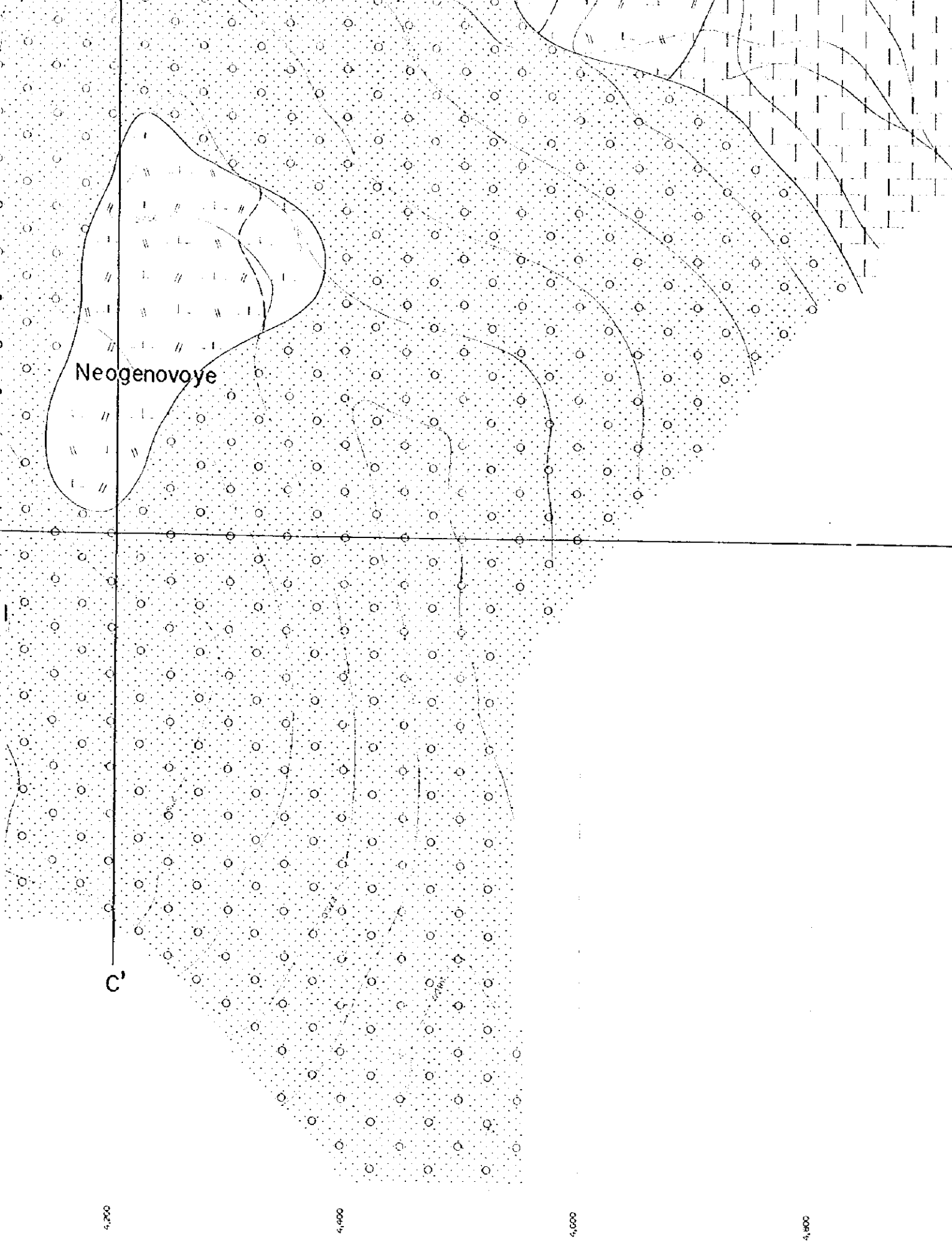
JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRUARY 1998
 Prepared by MMECO



LEGEND

	W	waste, ancient extractions
	Q	sand, clay unconsolidated sediments
	C	conglomerate
	Ls	limestone, marble
[Intrusive Rocks]		
	Gdp	granodiorite porphyry (Chimansoy complex)
	Qmz	quartz monzonite (Sardulinsk complex)
		massive skarn (fero skarn)
		granodiorite porphyry
		siltified granodiorite porphyry (fero skarn)
		mineralized zone
		fault
		strike and dip of strata
		inferred fault

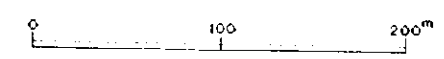




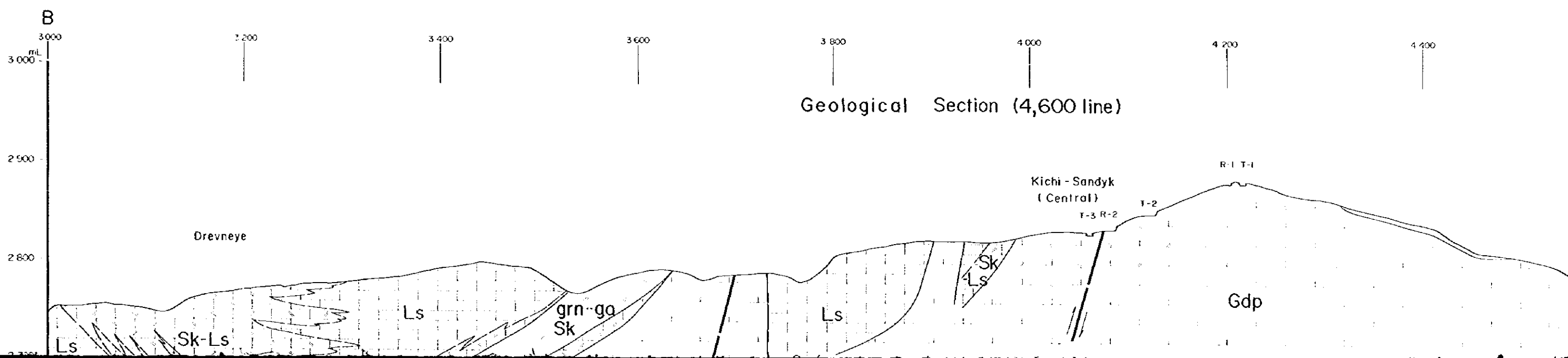
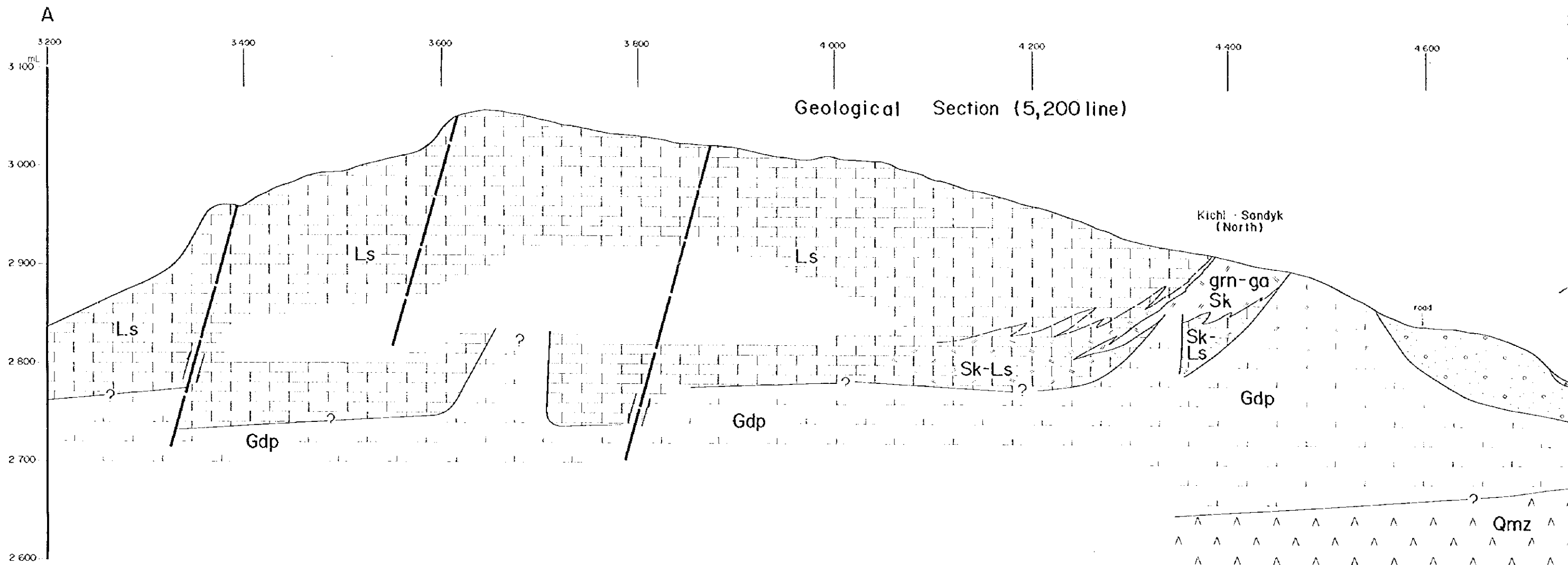
3,400
3,200
3,000
2,800
2,600
2,400

LEGEND

- W waste, ancient extractions
- Quaternary Q sand, clay unconsolidated sediments
- Tertiary C conglomerate
- Carboniferous Ls limestone, marlite
- (Intrusive Rocks)**
- Permian Gdp granodiorite porphyry (Chalmersoy complex)
- Carboniferous Qmz quartz monzonite (Sandalash complex)
- massive skarn (Exo skarn)
- skarnized limestone
- granodiorite porphyry
- silicified granodiorite porphyry (Endo skarn)
- mineralized zone
- strike and dip of strata
- fault
- inferred fault
- geological survey area (1:2,000)
- detailed geological survey area (1:1,000)

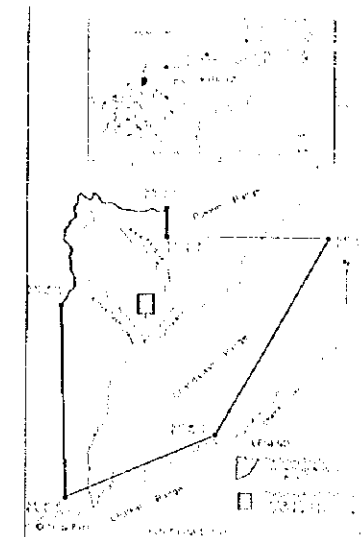


4,200 4,400 4,600 4,800 5,000 5,200



THE MINERAL EXPLORATION
IN
THE KICHI-SANDYK DISTRICT
THE KYRGHYZ REPUBLIC
(PHASE D)

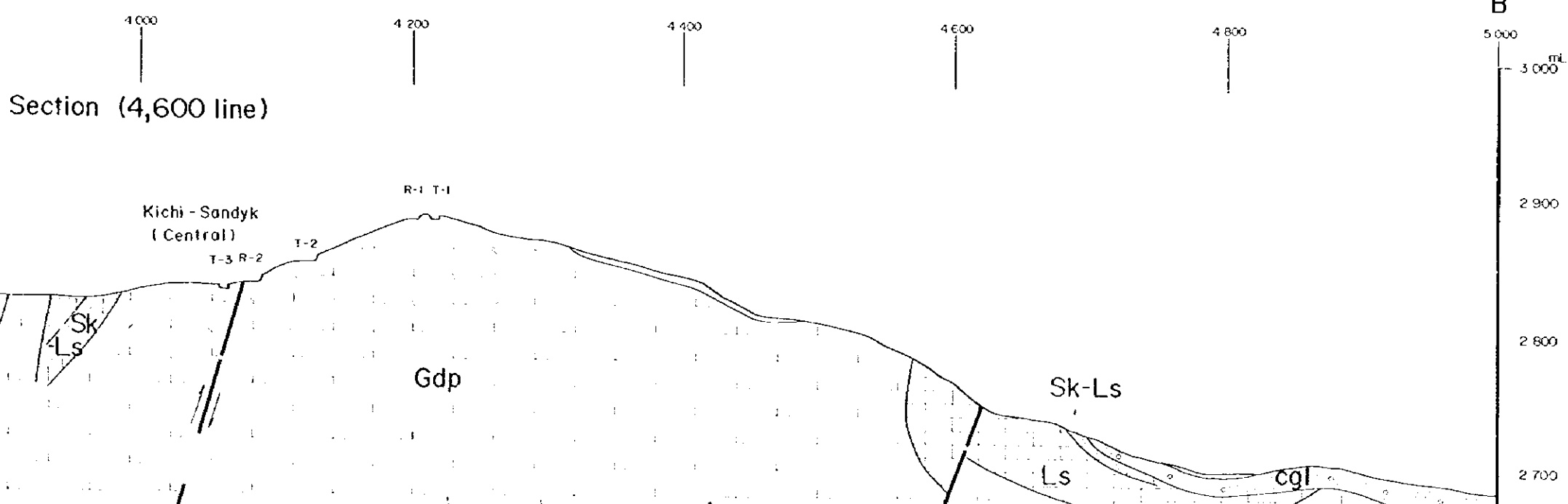
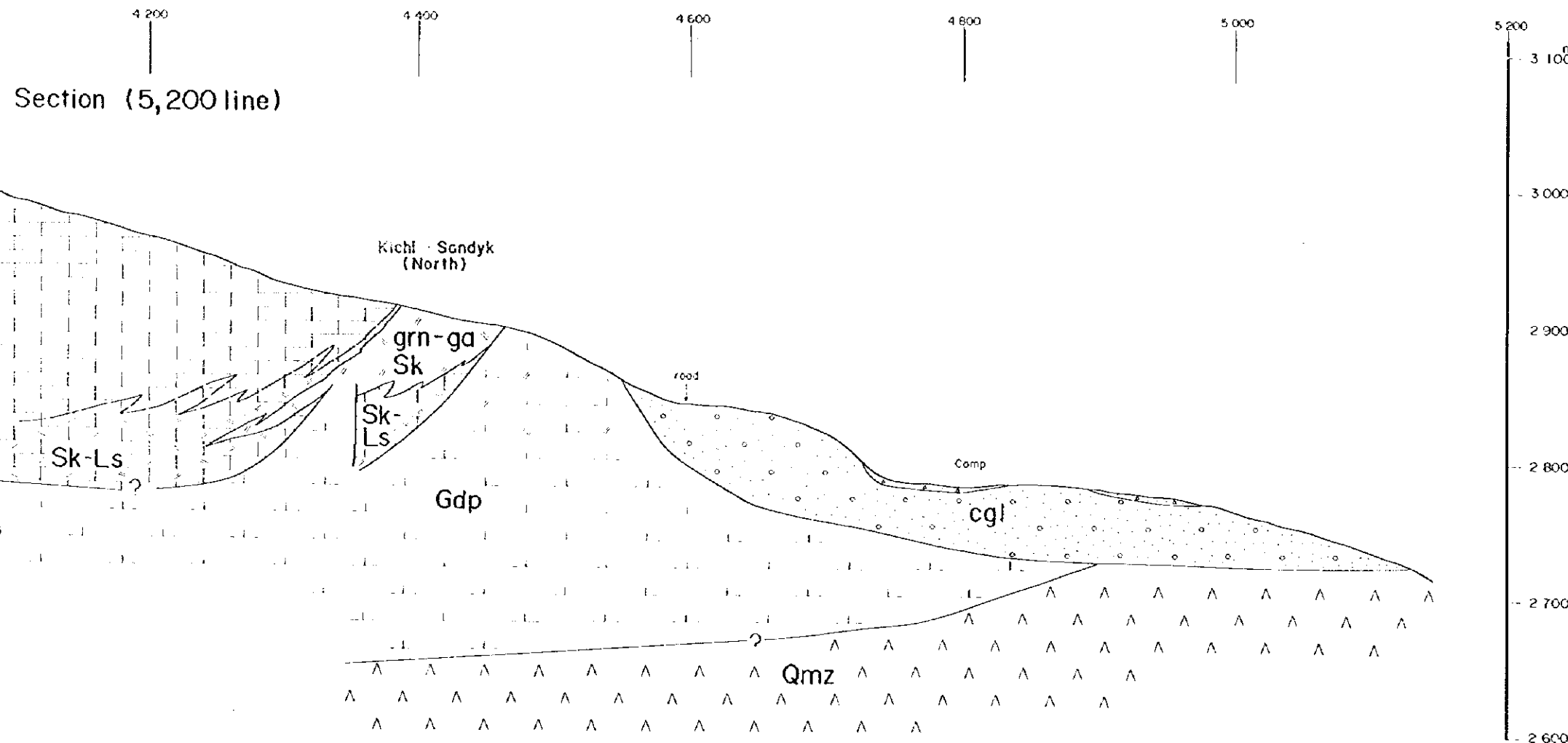
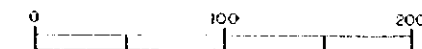
Geological Cross Section (A-A', B-B') of the
Kichi-Sandyk District (1:2,000)



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1998

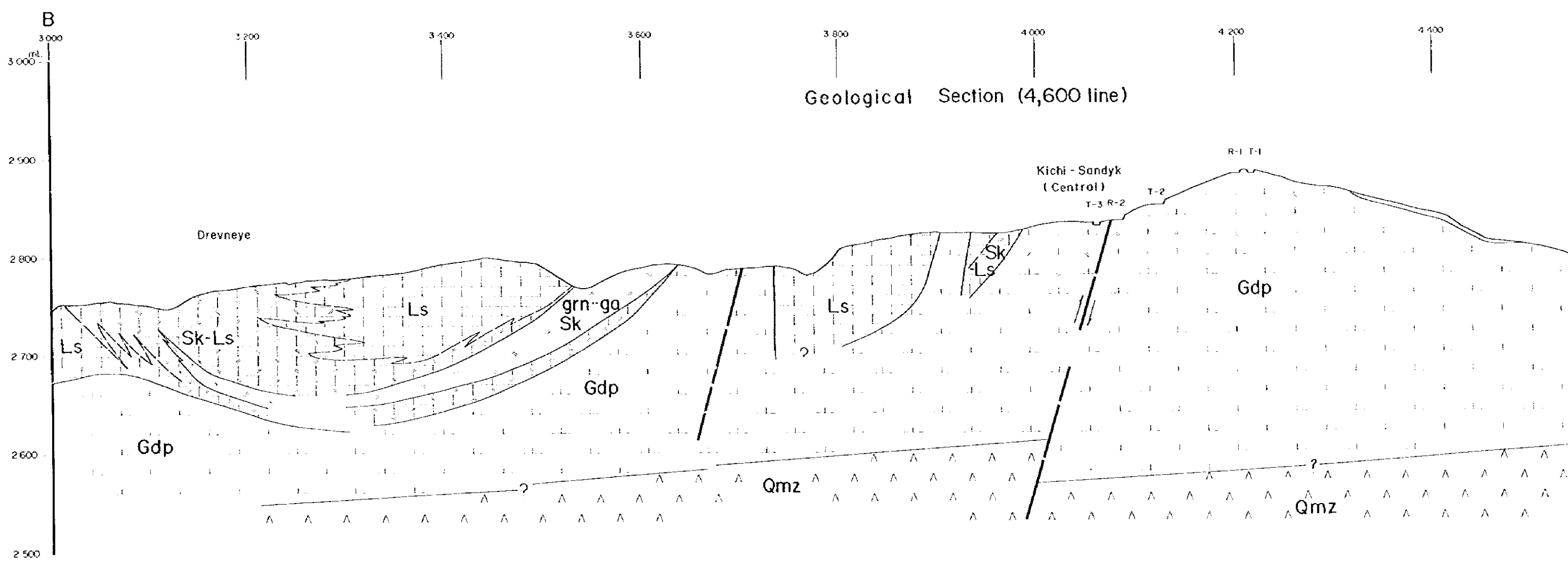
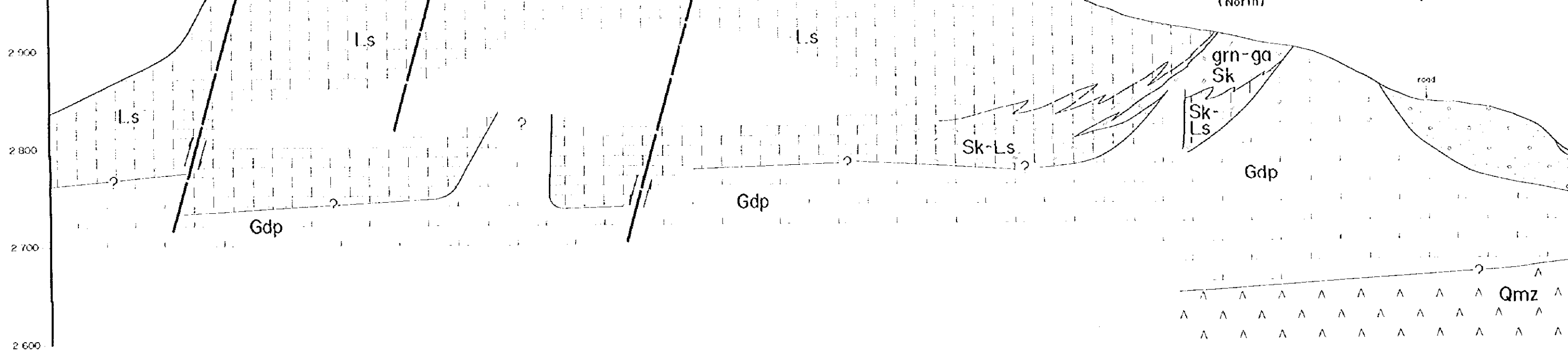
Prepared by MIDDECO

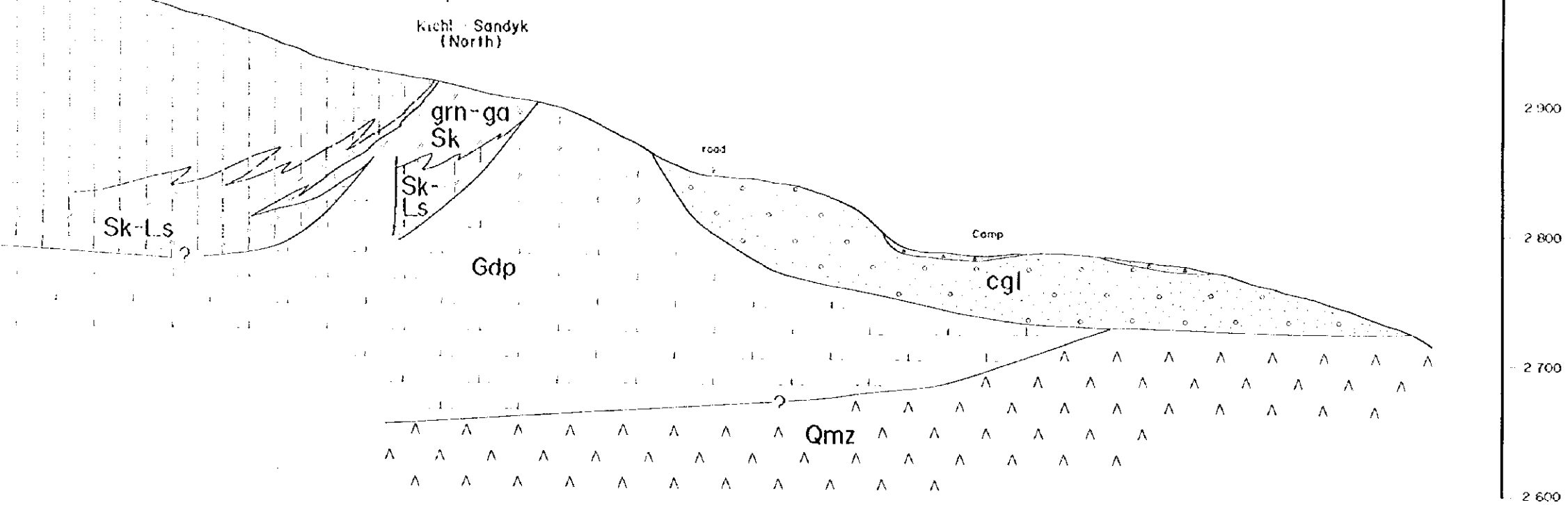
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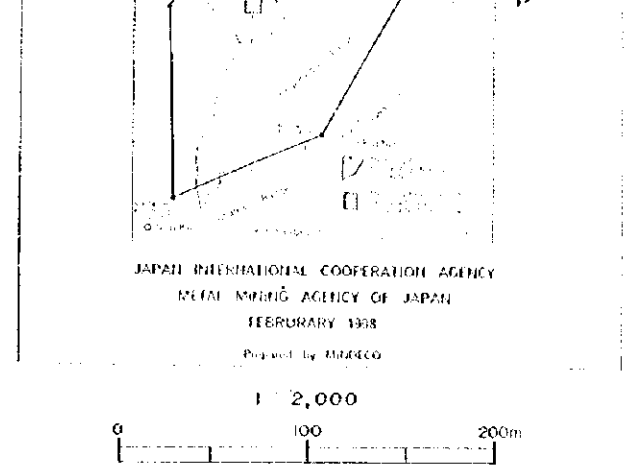
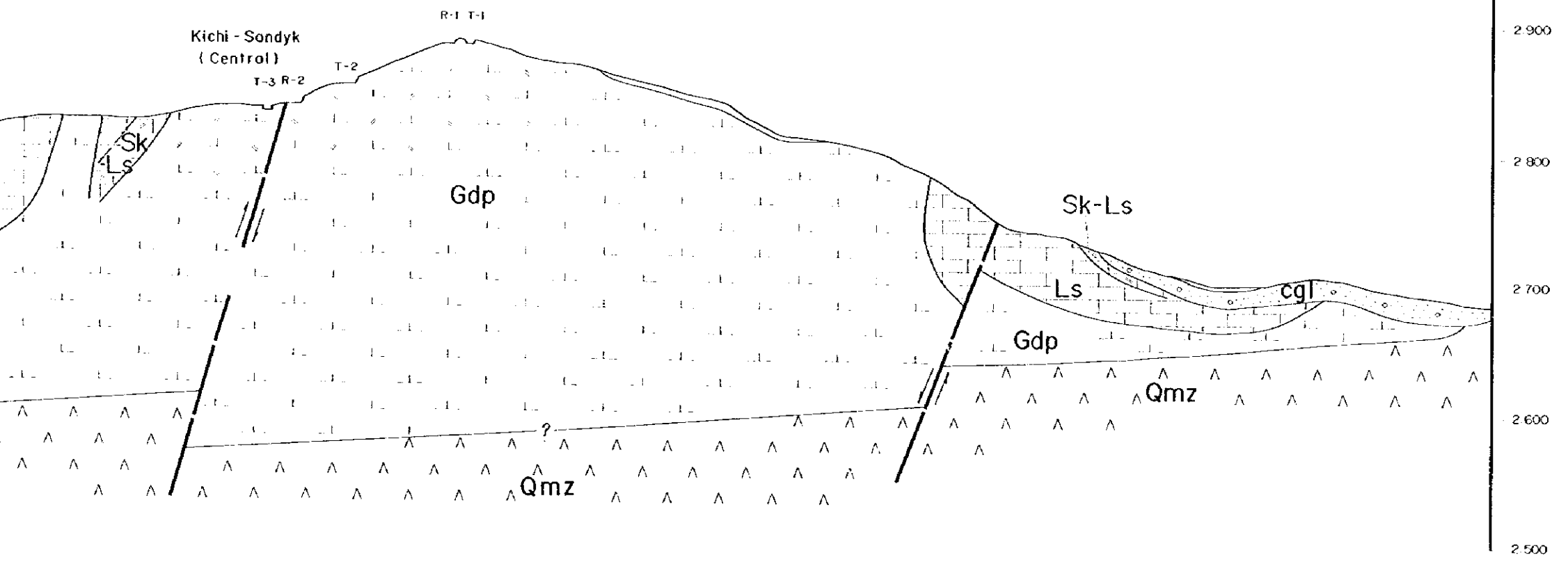
LEGEND

- W waste, ancient extractions
- Quaternary Q sand, clay unconsolidated sediments
- Tertiary C conglomerate
- Carboniferous Ls limestone, marble
- [Intrusive Rocks]
- Permian Gdp granodiorite porphyry (chairsay complex)
- Carboniferous Qmz quartz monzonite (sandolash complex)
- massive skarn (exo skarn)
- skarnized limestone
- granodiorite porphyry (endo skarn)
- skarnized granodiorite porphyry (endo skarn)
- fault
- inferred fault



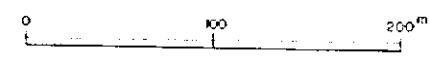


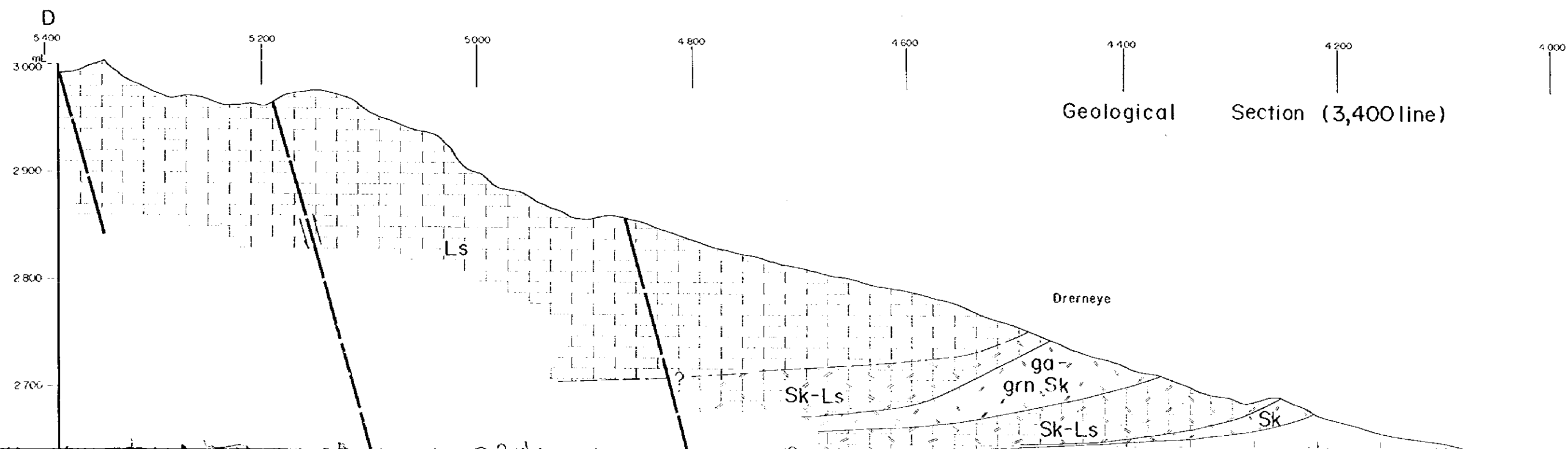
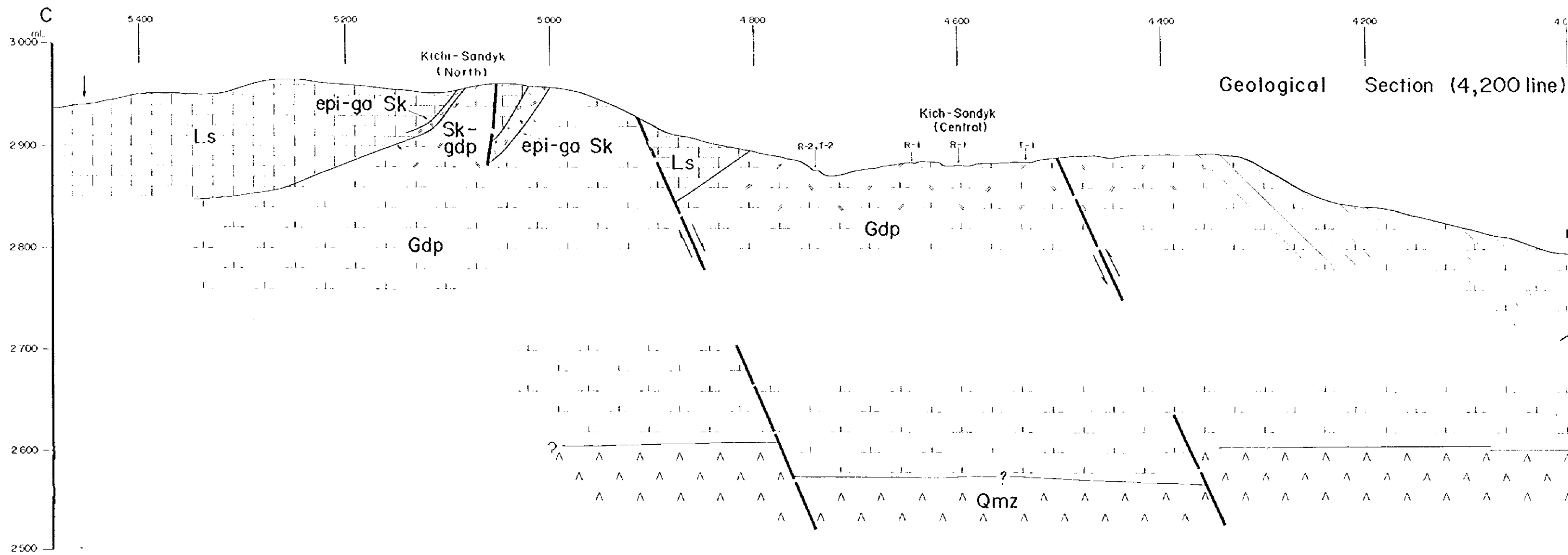
al Section (4,600 line)

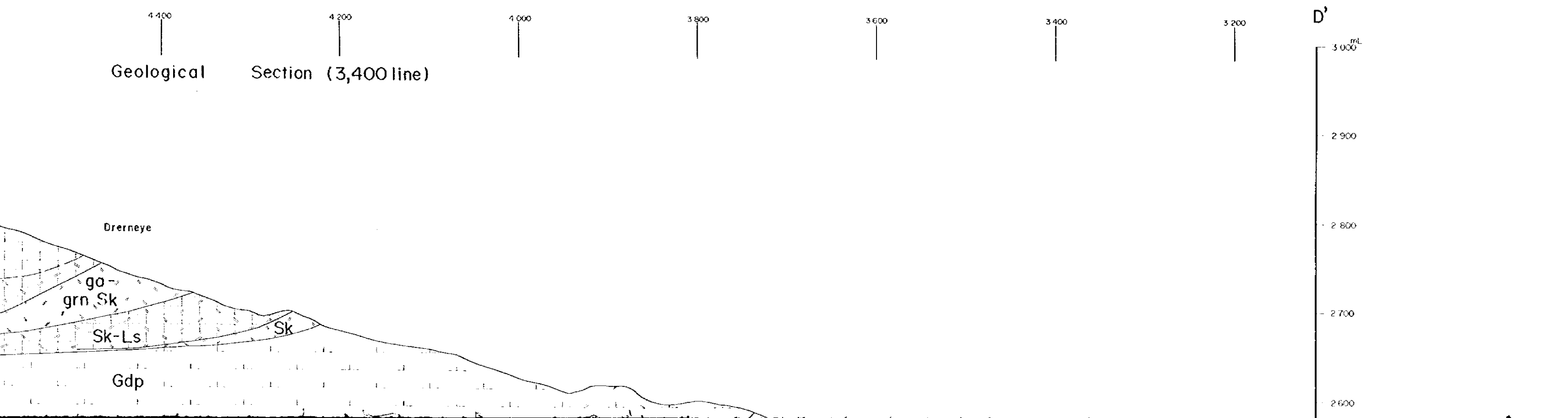
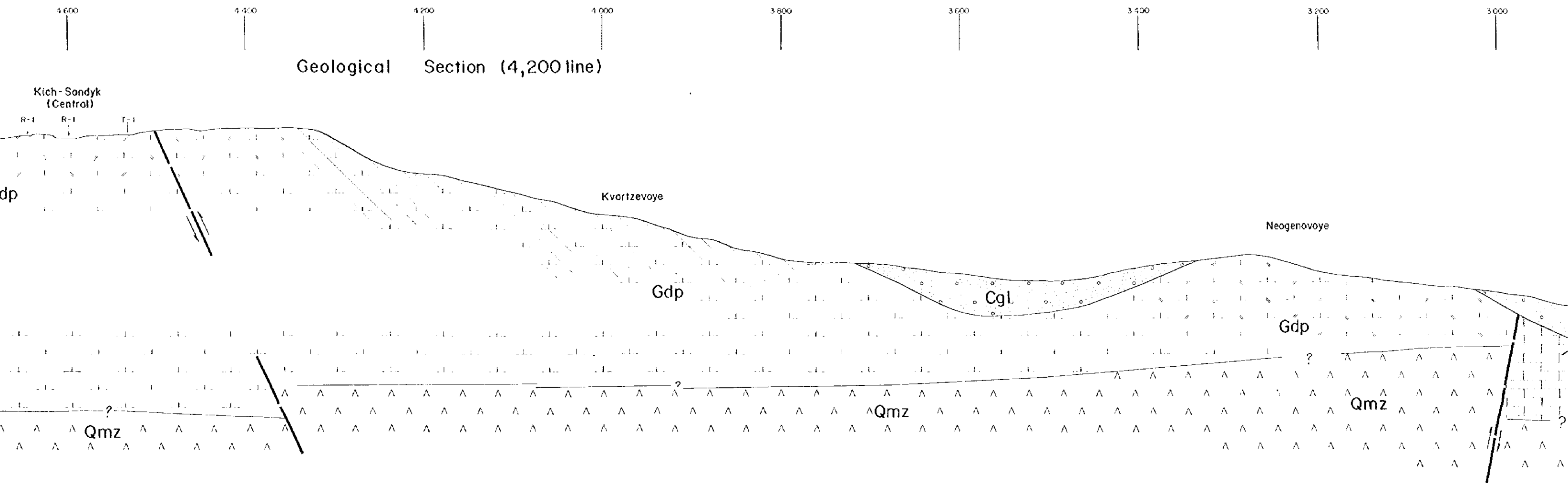


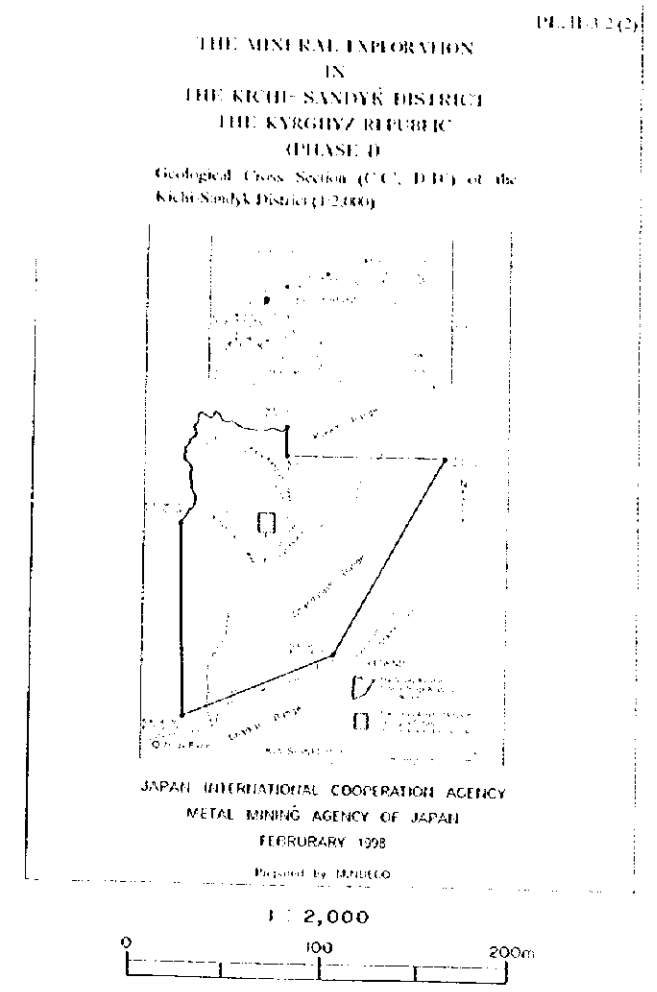
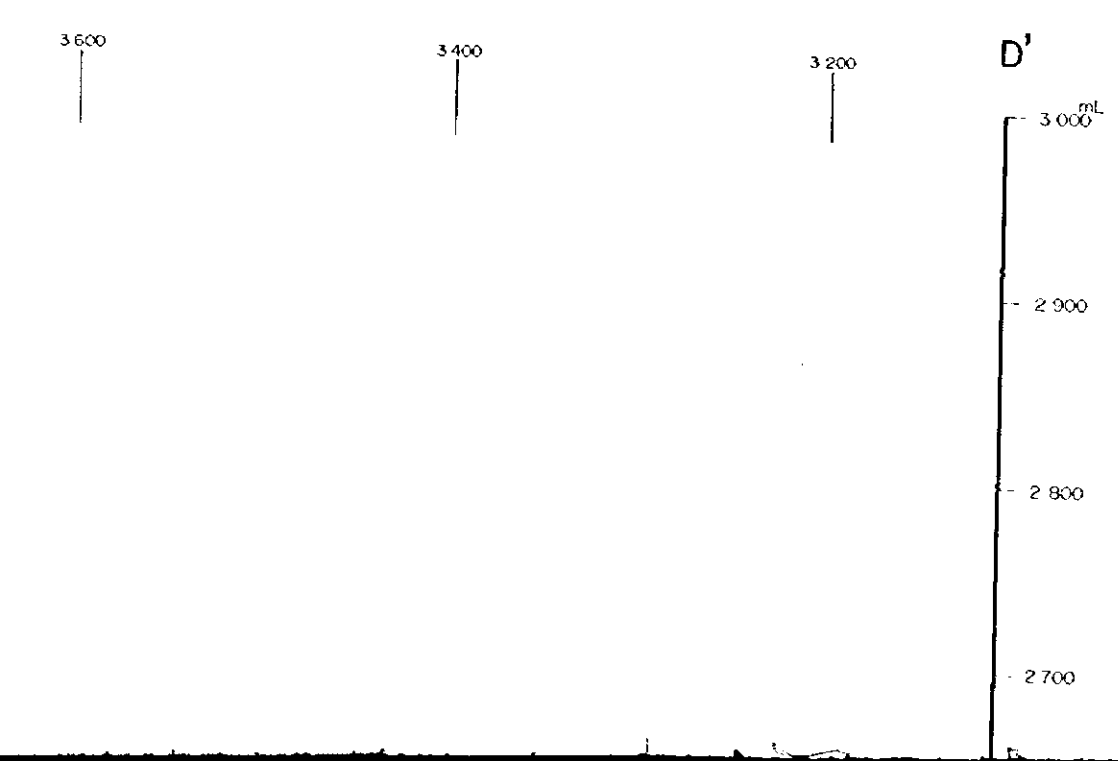
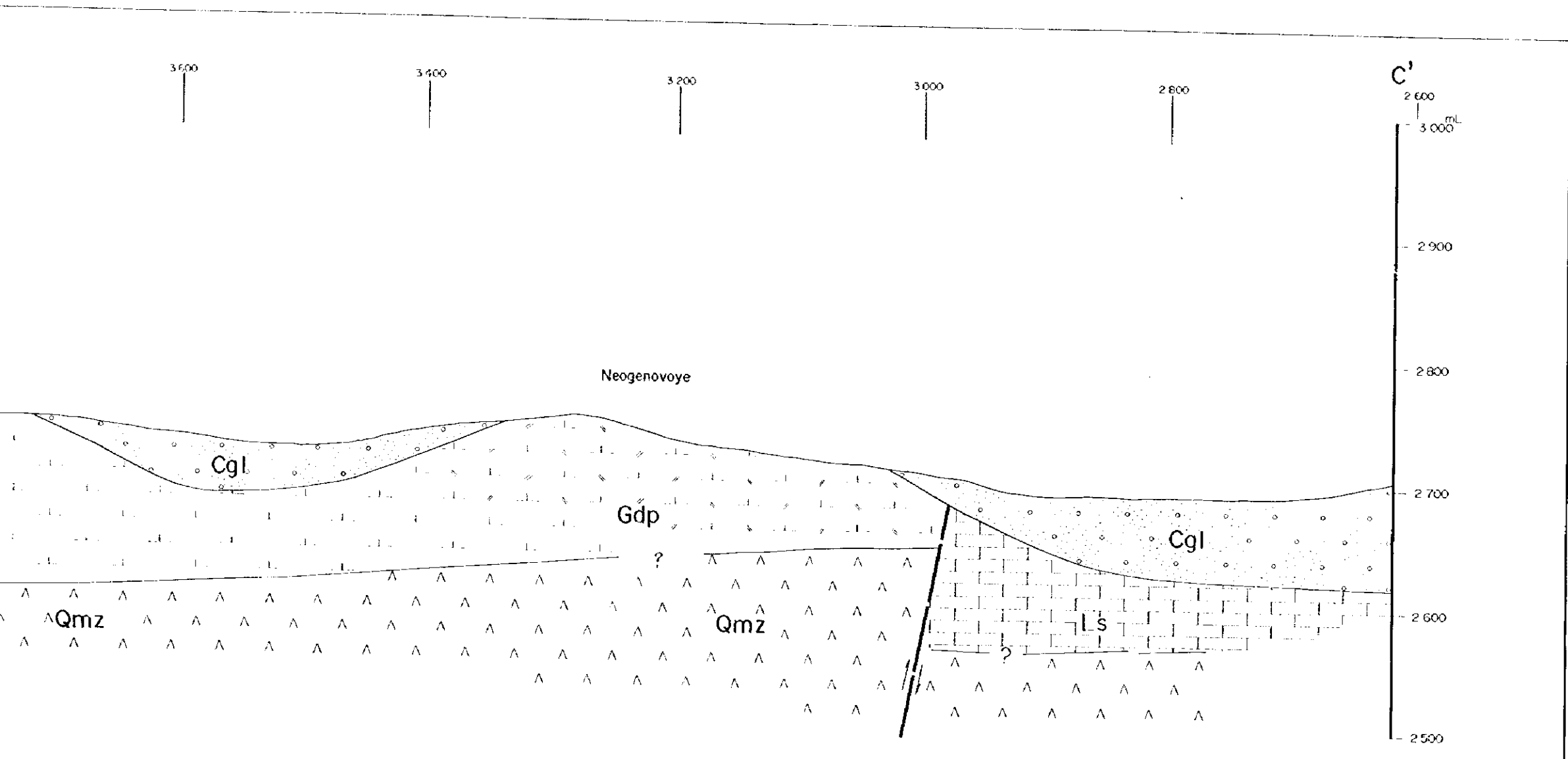
LEGEND

	W	waste, ancient extractions
	Q	Quaternary sand, clay unconsolidated sediments
	C	Tertiary conglomerate
	Ls	Carboniferous limestone, marble
[Intrusive Rocks]		
	Gdp	Permian granodiorite porphyry (chalmanisay complex)
	Qmz	Carboniferous quartz monzonite (sandalash complex)
	massive skarn (exo skarn)	
	skarnized limestone	
	granodiorite porphyry	
	silicified granodiorite porphyry (endo skarn)	
	fault	
	inferred fault	









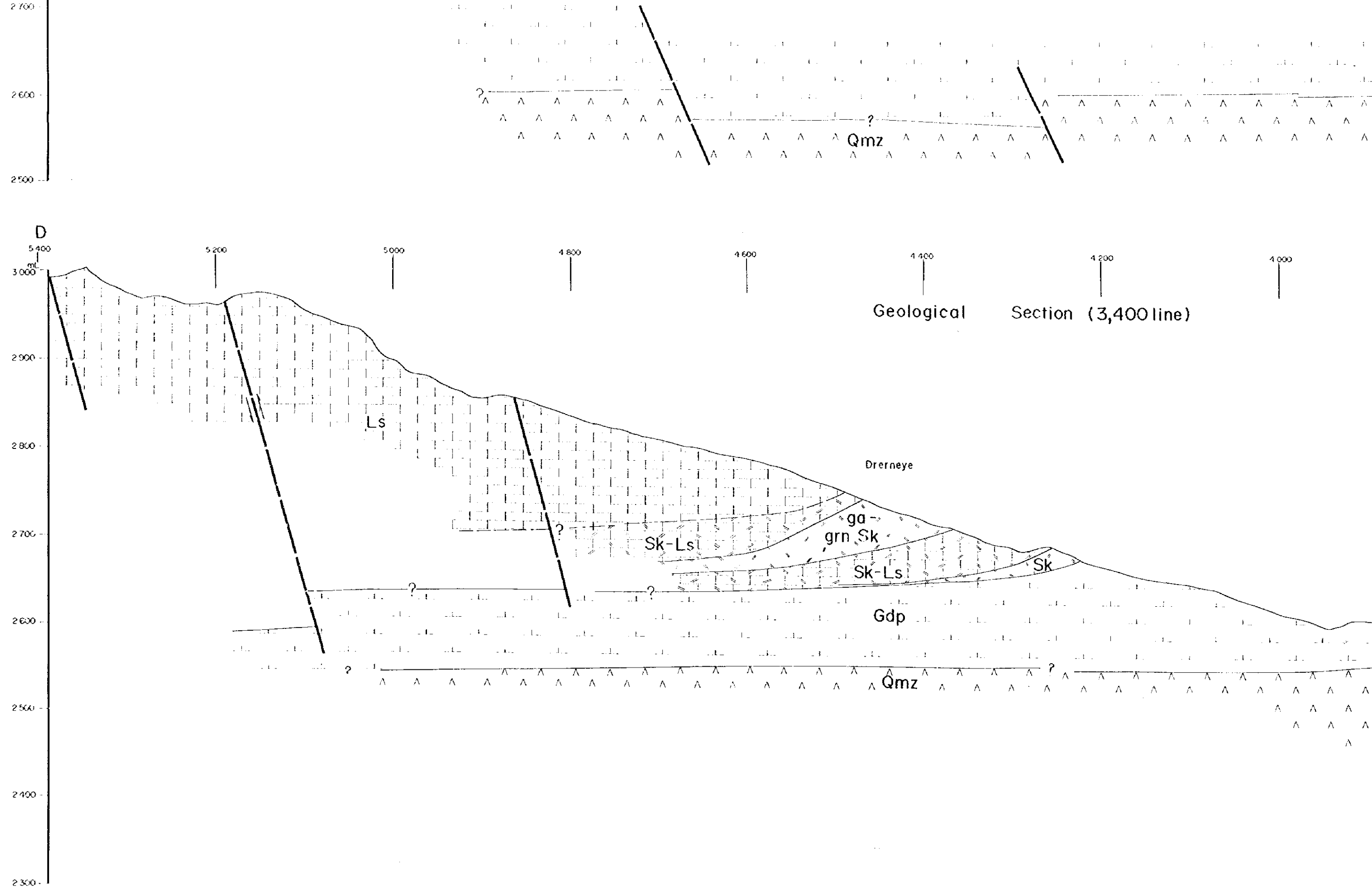
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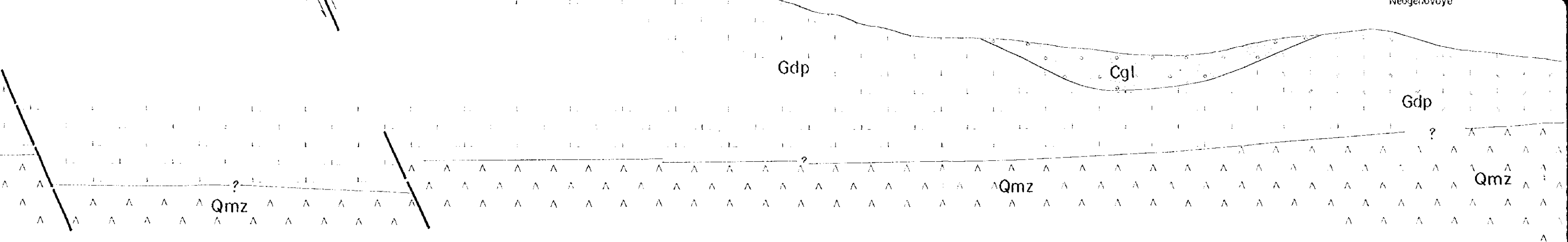
	W	waste, ancient extractions
	Q	Quaternary sand, clay unconsolidated sediments
	C	Tertiary conglomerate
	Ls	Carboniferous limestone, marl
[Intrusive Rocks]		
	Gdp	Permian granodiorite porphyry (Chaimarsay complex)
	Qmz	Carboniferous quartz monzonite (Isardalash complex)
	massive skarn (mass skarn)	
	skarnized limestone	
	granodiorite porphyry	
	silicified granodiorite porphyry (Tendo skarn)	

2700
2600
2500
3000
2900
2800
2700
2600
2500
2400
2300

D

5400 5200 5000 4800 4600 4400 4200 4000
Geological Section (3,400 line)





4600

4400

4200

4000

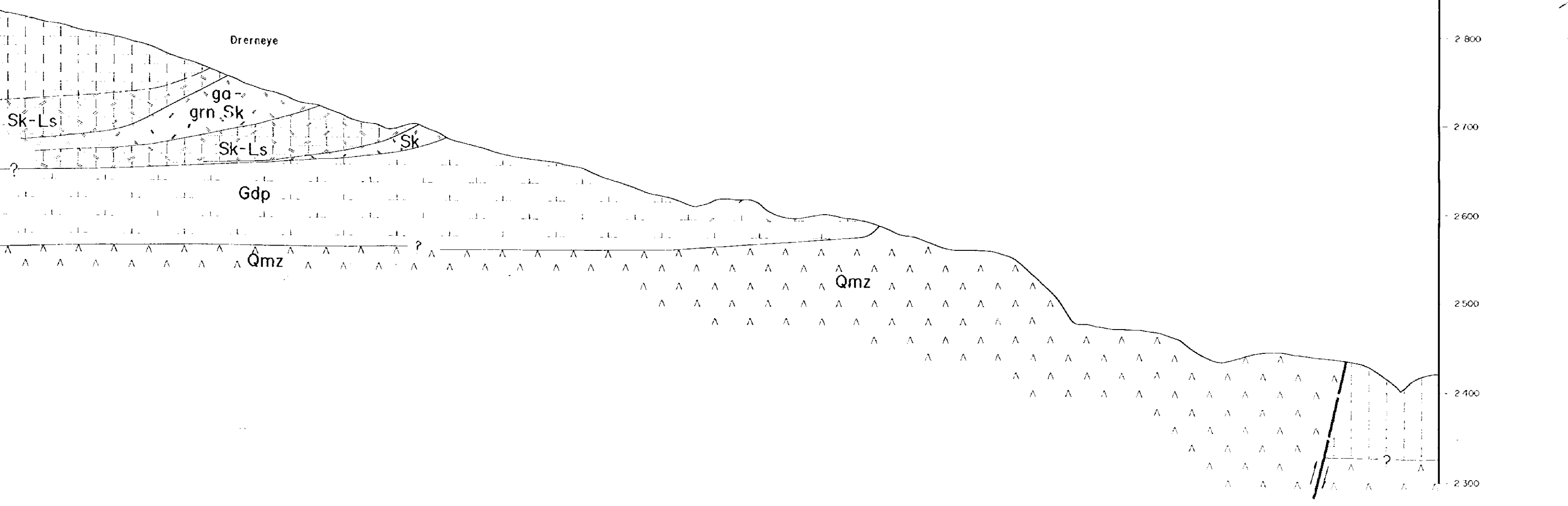
3800

3600

3400

3200

Geological Section (3,400 line)



D'

3000

2900

2800

2700

2600

2500

2400

2300

Drenneye

ga

grn Sk

Sk-Ls

Sk

Gdp

Qmz

Qmz

Qmz

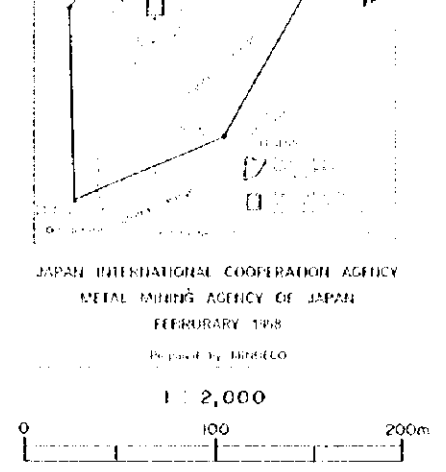
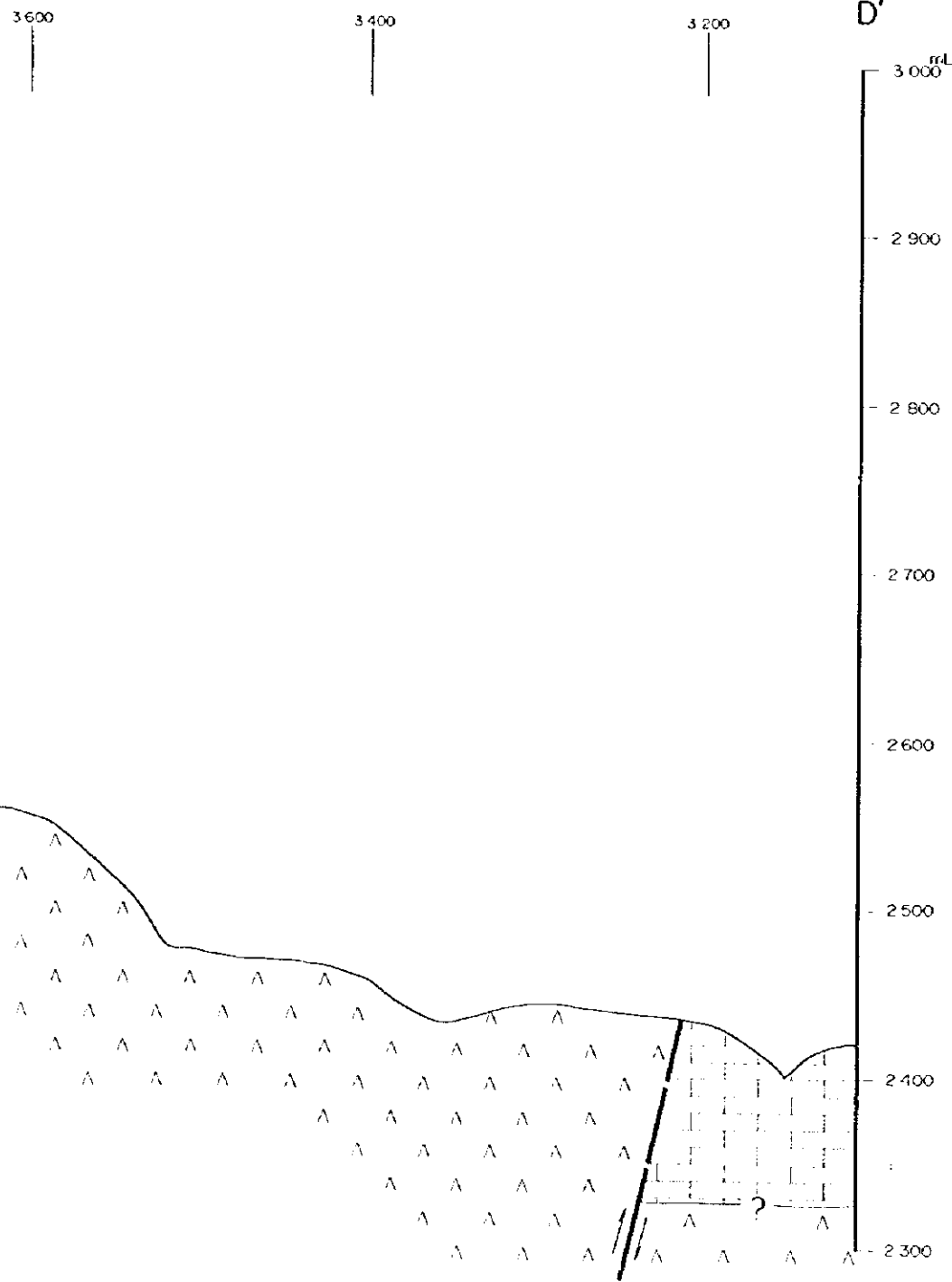
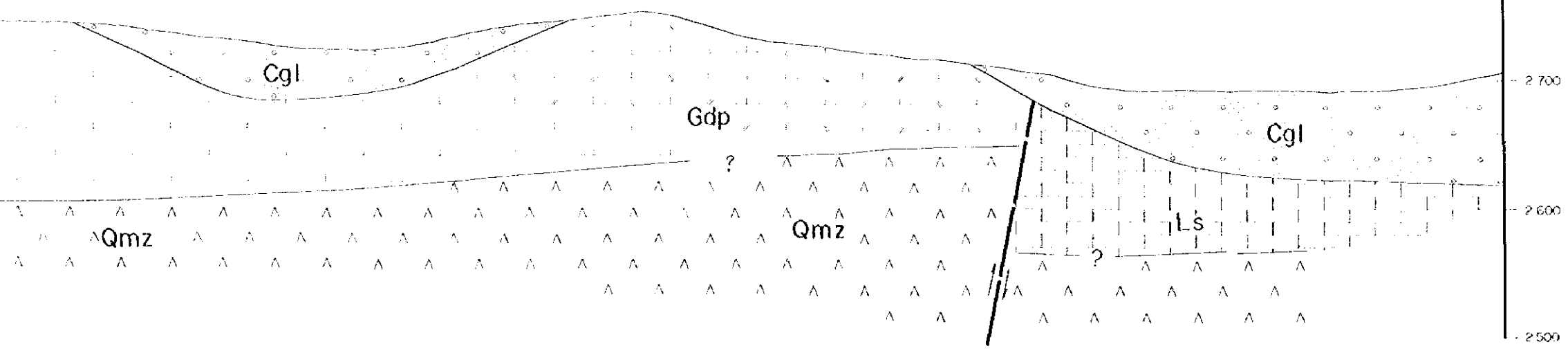
Gdp

Cgl

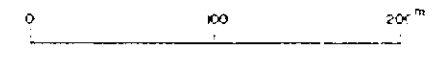
Gdp

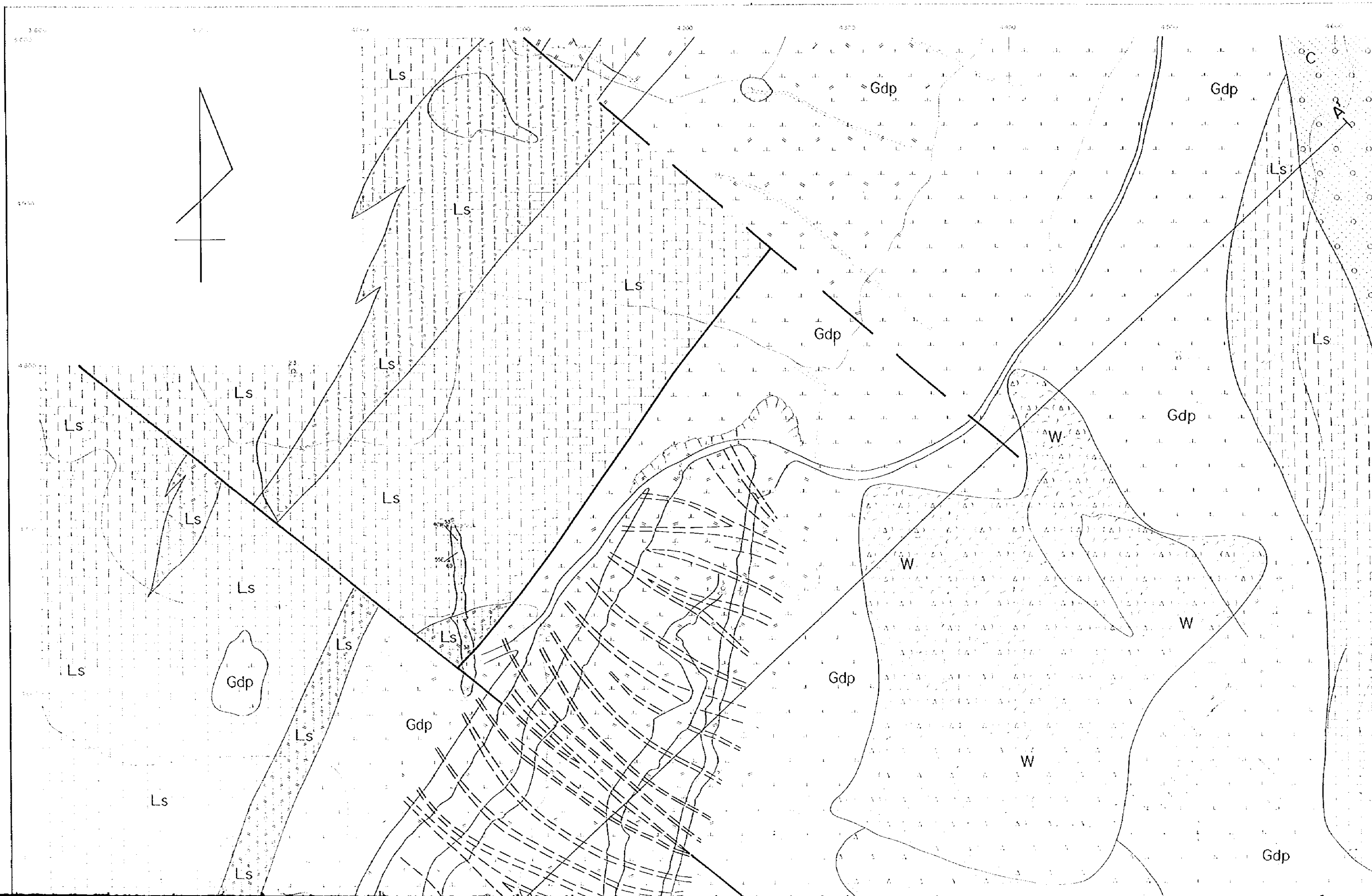
Qmz

Sk-Ls



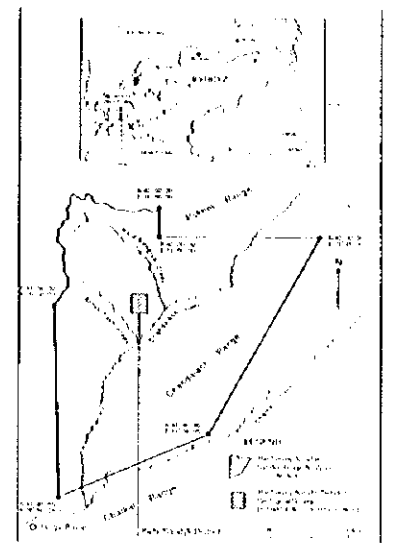
- LEGEND**
- W waste, ancient extractions
 - Quaternary Q sand, clay unconsolidated sediments
 - Tertiary C conglomerate
 - Carboniferous LS limestone, marble
 - [Intrusive Rocks]**
 - Permian Gdp granodiorite porphyry (chaimonsay complex)
 - Carboniferous Qmz quartz monzonite (sandalash complex)
 - massive skarn (exo skarn)
 - skarnized limestone
 - granodiorite porphyry
 - silicified granodiorite porphyry (endo skarn)
 - fault
 - inferred fault





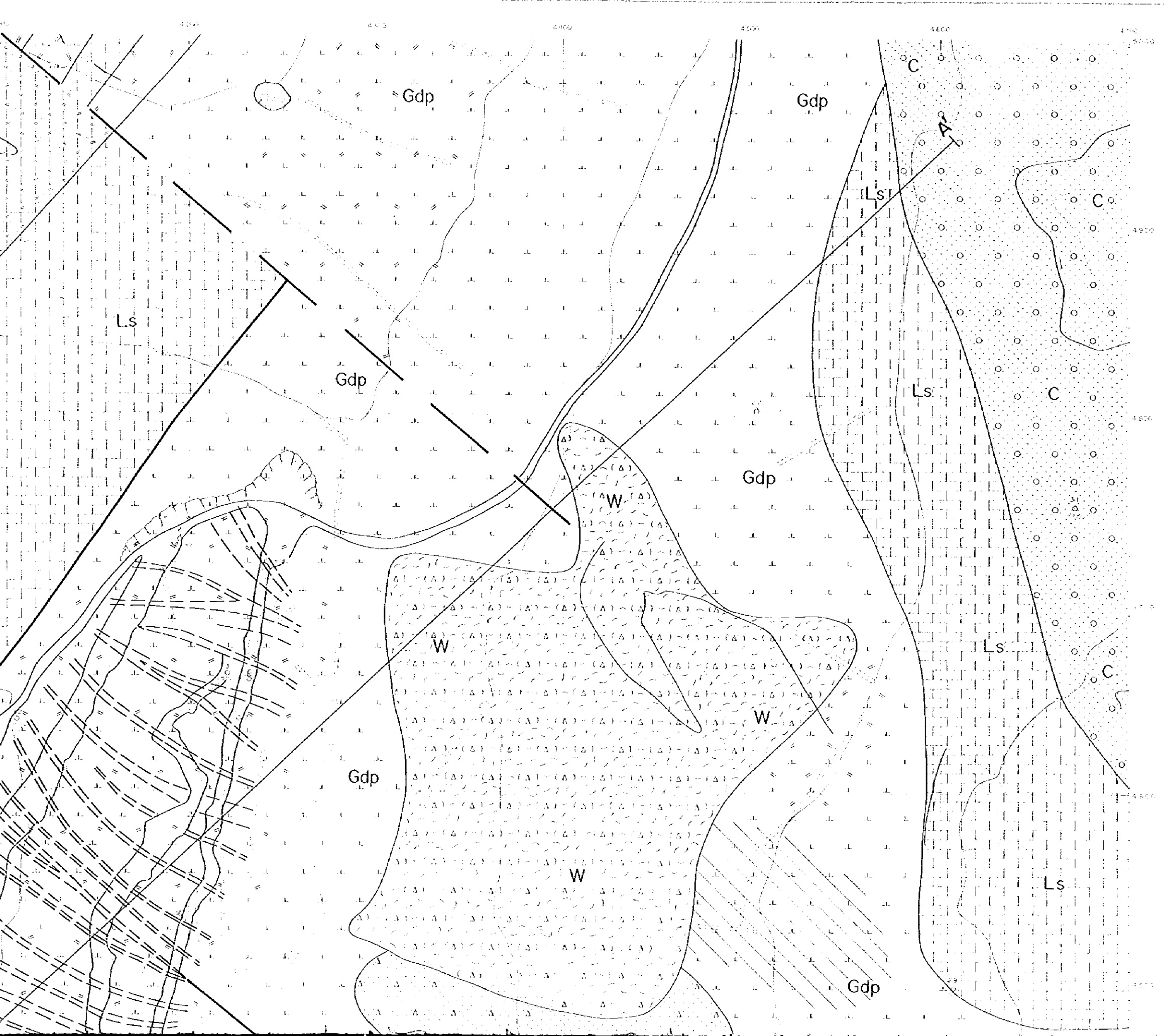
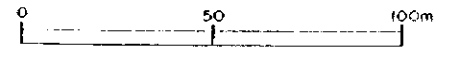
THE MINERAL EXPLORATION
IN
THE KICHI SANDYK DISTRICT
THE KYRGYZ REPUBLIC
(PHASE D)

Geological Map of the Kichi Sandyk Deposit
(1:1,000)



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1988
Prepared by MIRECO

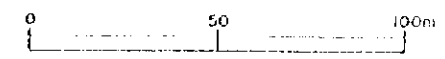
1 : 1,000



LEGEND

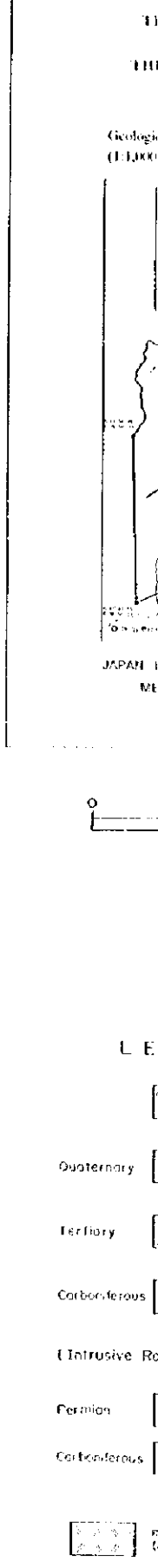
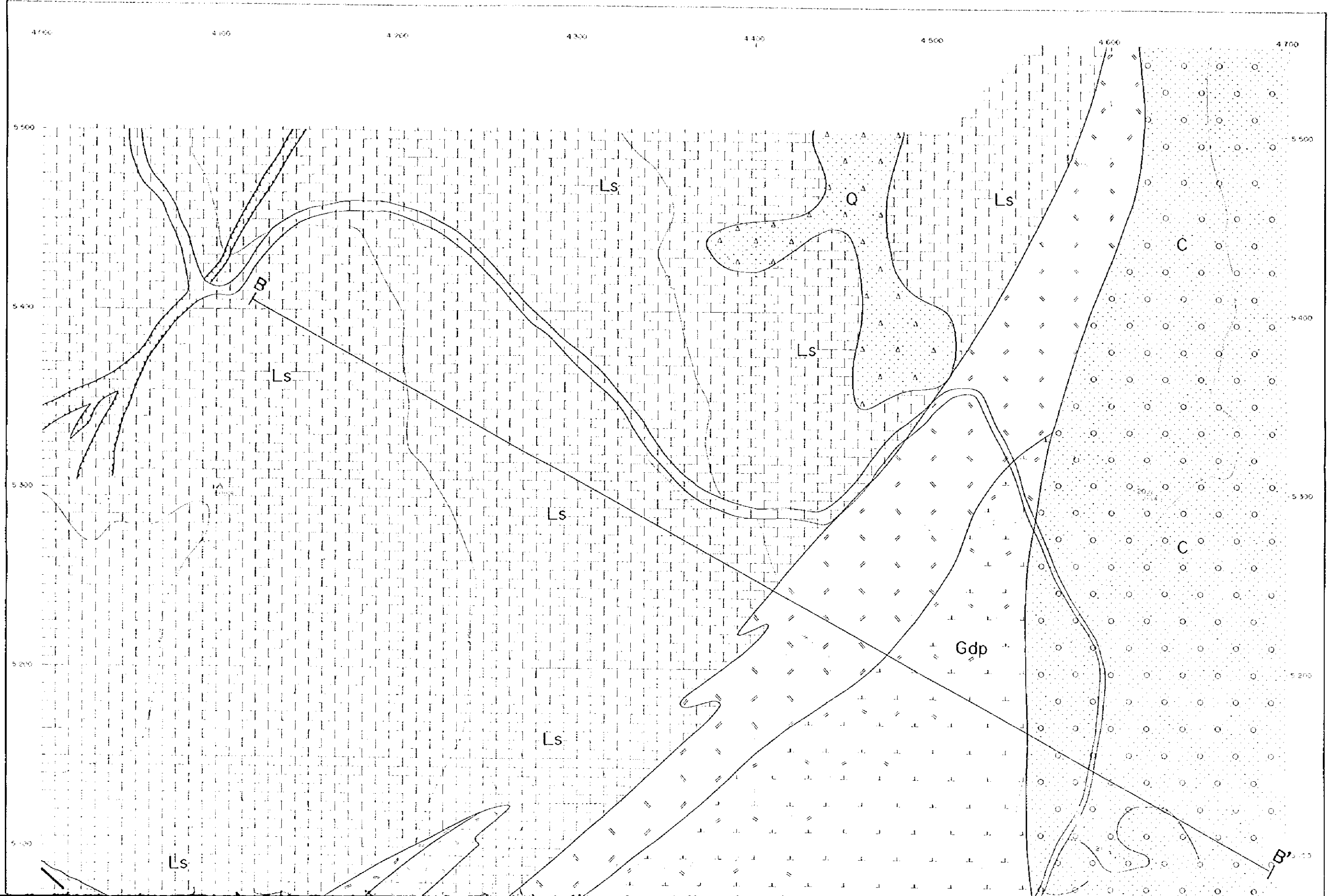
- W waste, ancient extractions
- Quaternary Q sand, clay unconsolidated sediments
- Tertiary C conglomerate
- Carboniferous Ls limestone, marble
- [Intrusive Rocks]
- Permian Gdp granodiorite porphyry (chalmersoy complex)
- Carboniferous Qmz quartz monzonite (sardakush complex)
- massive skarn (exo skarn)
- skarnized limestone
- granodiorite porphyry
- silicified granodiorite porphyry (endo skarn)
- mineralized zone
- strike and dip of strata
- fault
- inferred fault

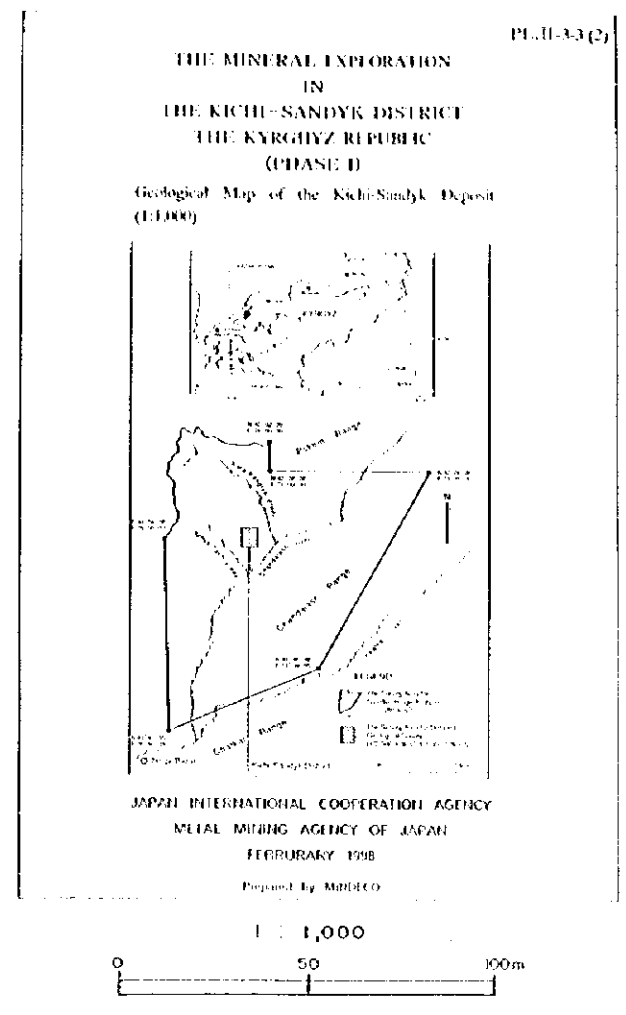
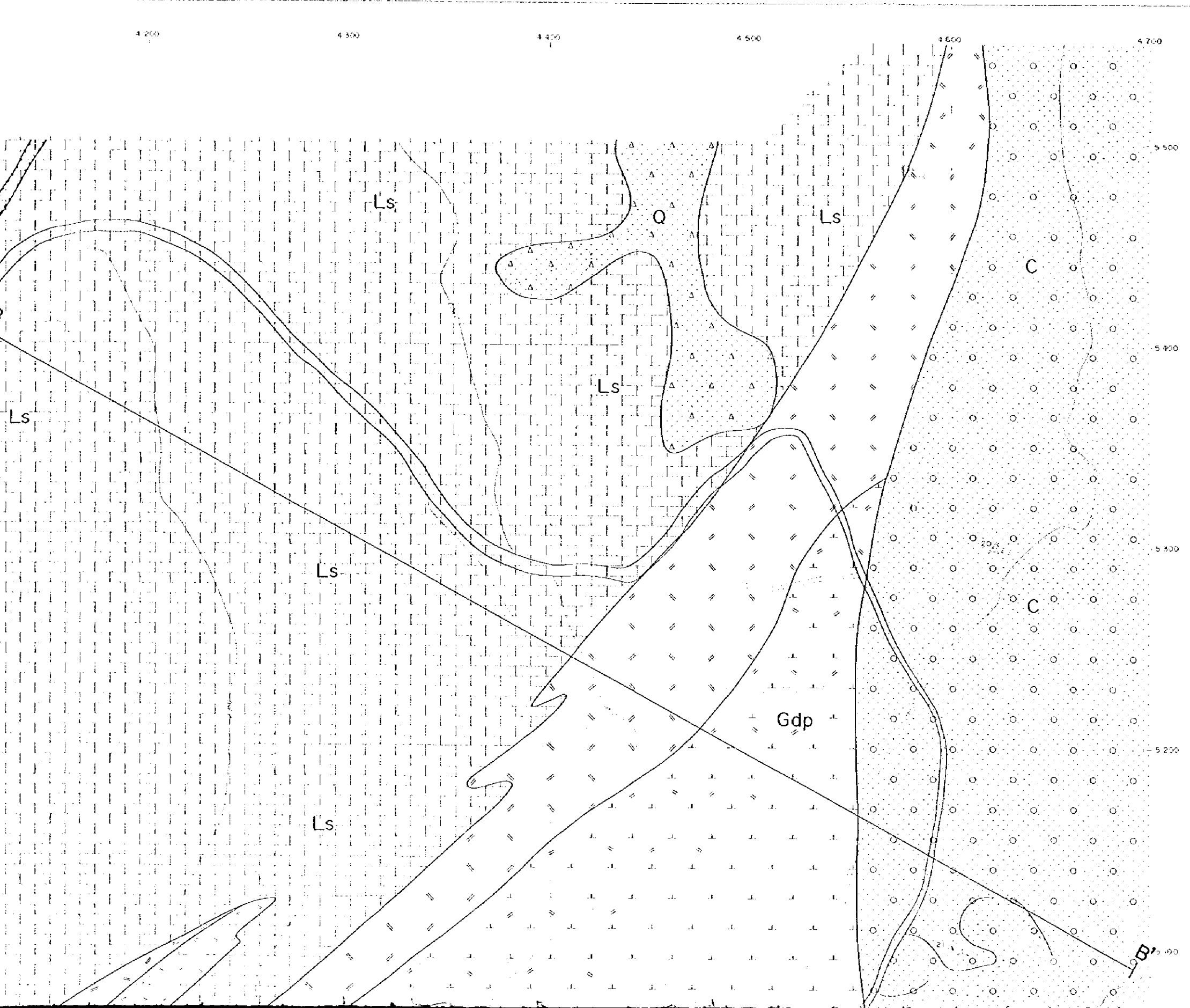




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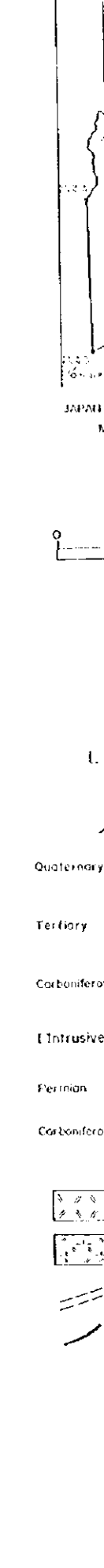
- | | | | |
|--------------------------|--|-----|---|
| | | W | waste, ore, and extraction |
| Quaternary | | Q | sand, clay, unconsolidated sediments |
| Tertiary | | C | conglomerate |
| Carboniferous | | Ls | limestone, marl |
| [Intrusive Rocks] | | | |
| Permian | | Gdp | granodiorite porphyry (chubrosay complex) |
| Carboniferous | | Qmz | quartz monzonite (sandalash complex) |
| | | | massive skarn (exo skarn) |
| | | | skarnized limestone |
| | | | granodiorite porphyry |
| | | | silicified granodiorite porphyry (endo skarn) |
| | | | mineralized zone |
| | | | fault |
| | | | strike and dip of strata |
| | | | inferred fault |

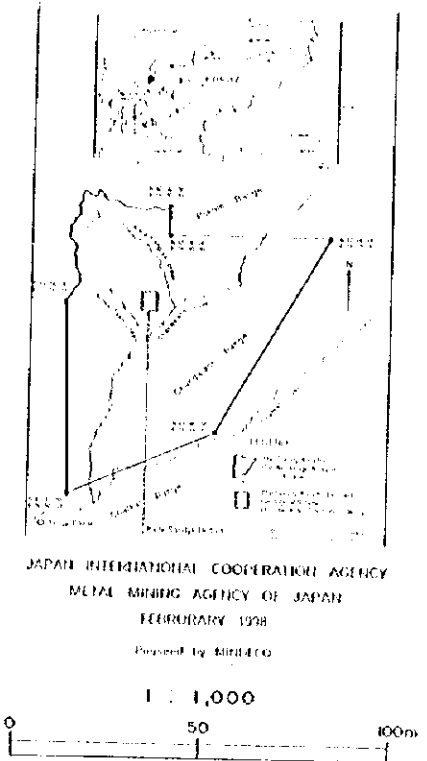




LEGEND

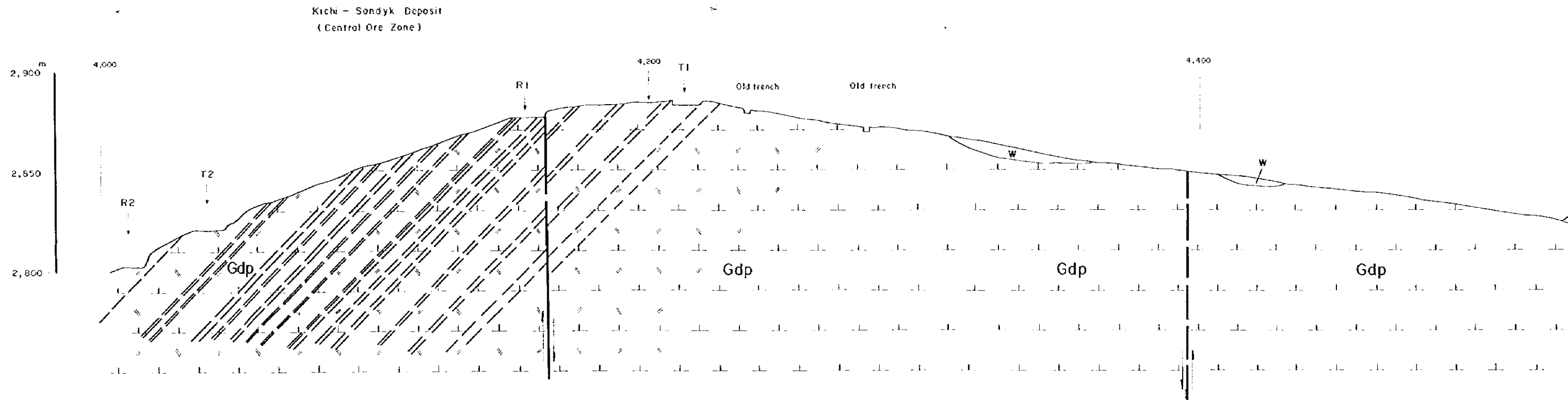
		W waste, ancient extractions
Quaternary		Q sand, clay unconsolidated sediments
Tertiary		C conglomerate
Carboniferous		Ls limestone, marl
(Intrusive Rocks)		
Permian		Gdp granodiorite porphyry (Chilinsaysay complex)
Carboniferous		Qinz quartz monzonite (Sardalash complex)
		massive skarn (ex skarn)
		skarnized limestone
		granodiorite porphyry
		silicified granodiorite porphyry





- LEGEND**
- W waste, ancient extractions
 - Quaternary** Q sand, clay unconsolidated sediments
 - Tertiary** C conglomerate
 - Carboniferous** Ls limestone, marble
 - [Intrusive Rocks]**
 - Permian** Gdp granodiorite porphyry (chikunousoy complex)
 - Carboniferous** Qmz quartz monzonite (sandalash complex)
 - massive skarn (exo skarn)
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 - granodiorite porphyry
 - silicified granodiorite porphyry (endo skarn)
 - mineralized zone
 - strike and dip of strata
 - fault
 - inferred fault

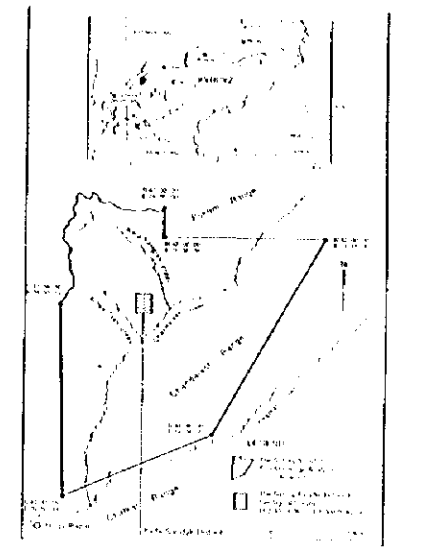
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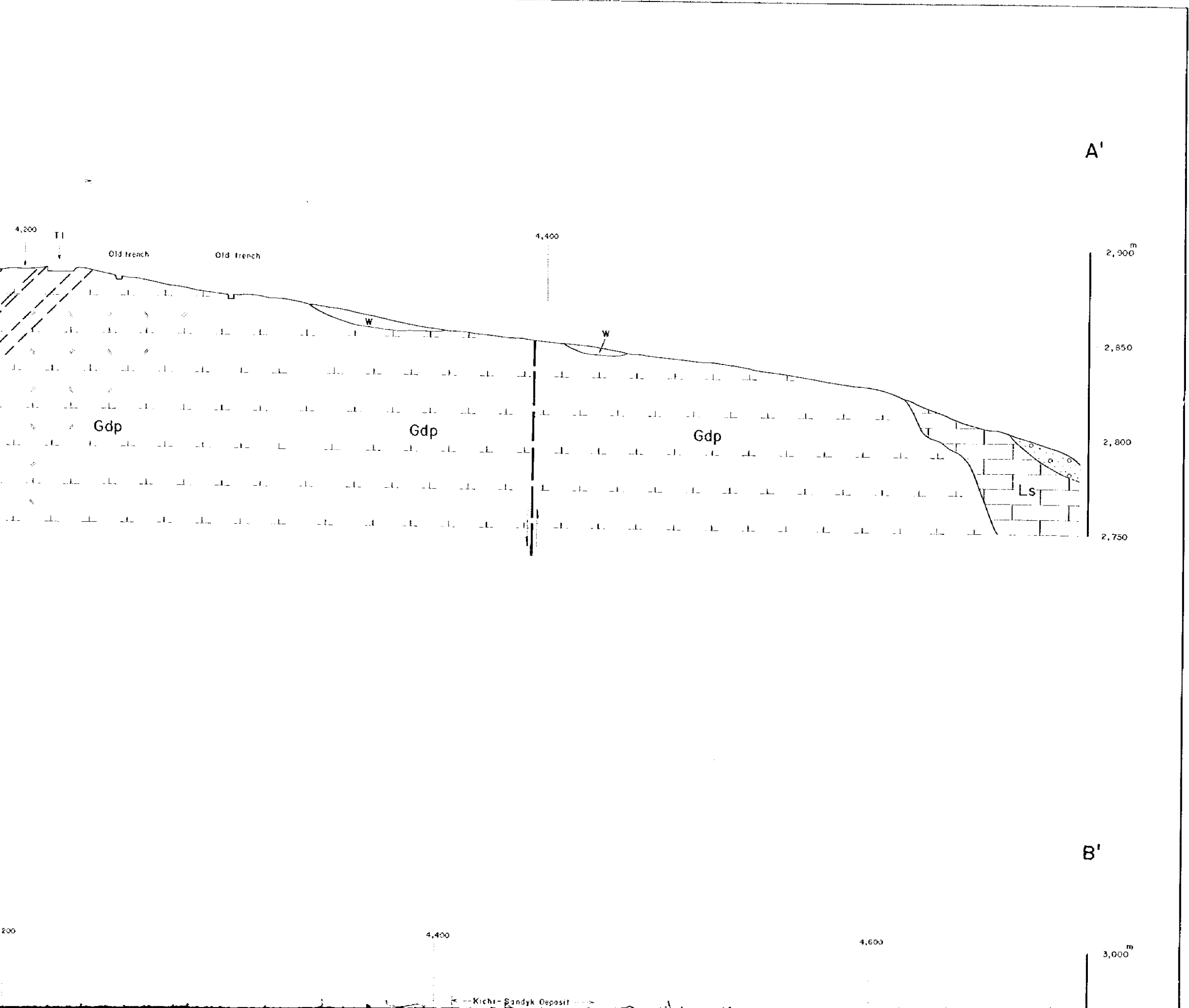
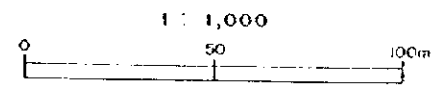
B



THE MINERAL EXPLORATION
IN
THE KICHI-SANDYK DISTRICT
THE KYRGHYZ REPUBLIC
(PHASE D)
Geological Cross Section (A-A', B-B') of the
Kichi-Sandyk Deposit (1:1,000)

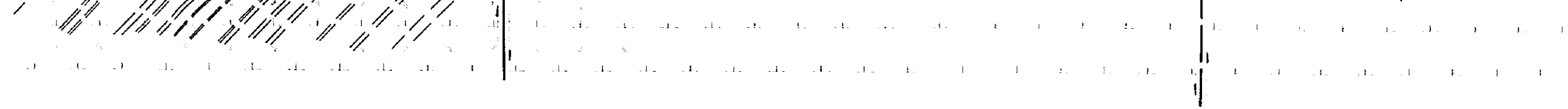


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METAL MINING AGENCY OF JAPAN
FEBRUARY 1978
Prepared by MIRECOK

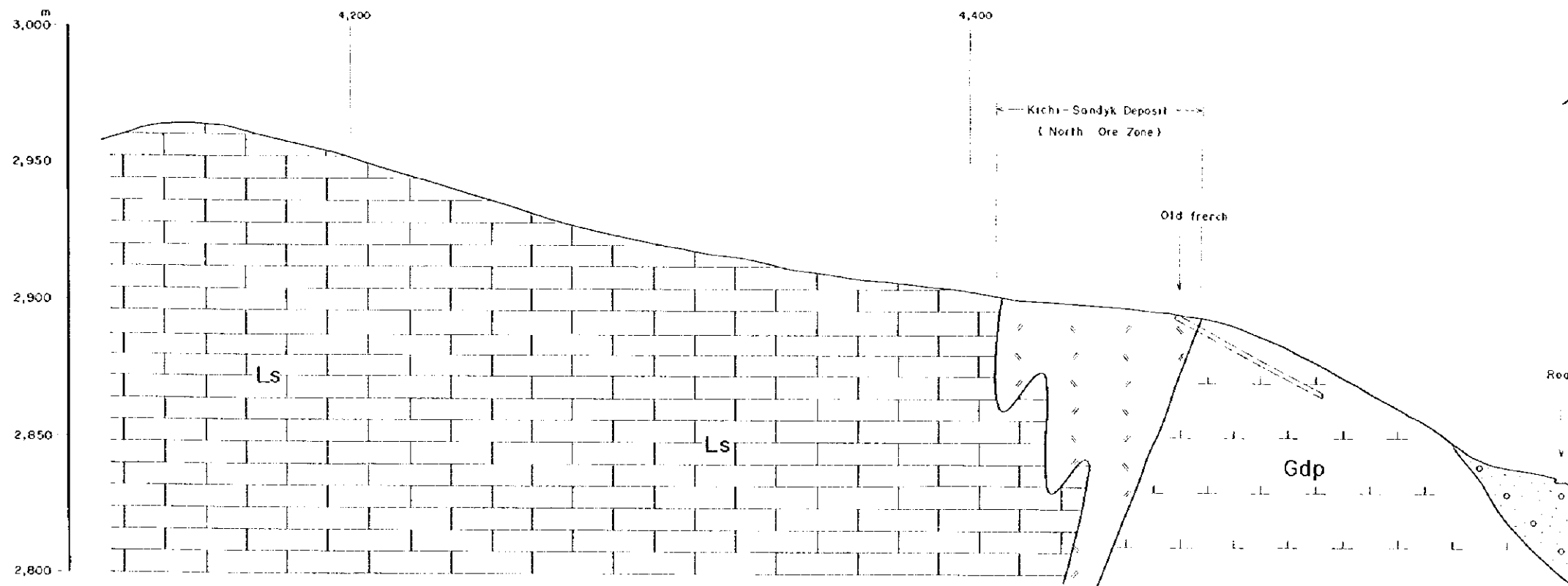


LEGEND

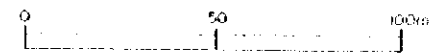
- W waste, ancient extractions
- Quaternary Q sand, clay unconsolidated sediments
- Tertiary C conglomerate
- Carboniferous Ls limestone, marl
- (Intrusive Rocks)
- Permian Gdp granodiorite porphyry (chiknarsay complex)
- Carboniferous Qrnz quartz monzonite (sardobach complex)
- massive skarn (exo skarn)
- skarnized limestone
- granodiorite porphyry
- silicified granodiorite porphyry (endo skarn)
- fault
- inferred fault



B



2,750



LEGEND

W waste, ancient extractions

Quaternary Q sand, clay unconsolidated sediments

Tertiary C conglomerate

Carboniferous Ls limestone, marble

(Intrusive Rocks)

Permian Gdp granodiorite porphyry (Chimonsay complex)

Carboniferous Qmz quartz monzonite (Sandulash complex)

massive skarn (oxo skarn)

skarnized limestone

granodiorite porphyry

silicified granodiorite porphyry (endo skarn)

fault

inferred fault

B'

