

Appendix 3-4

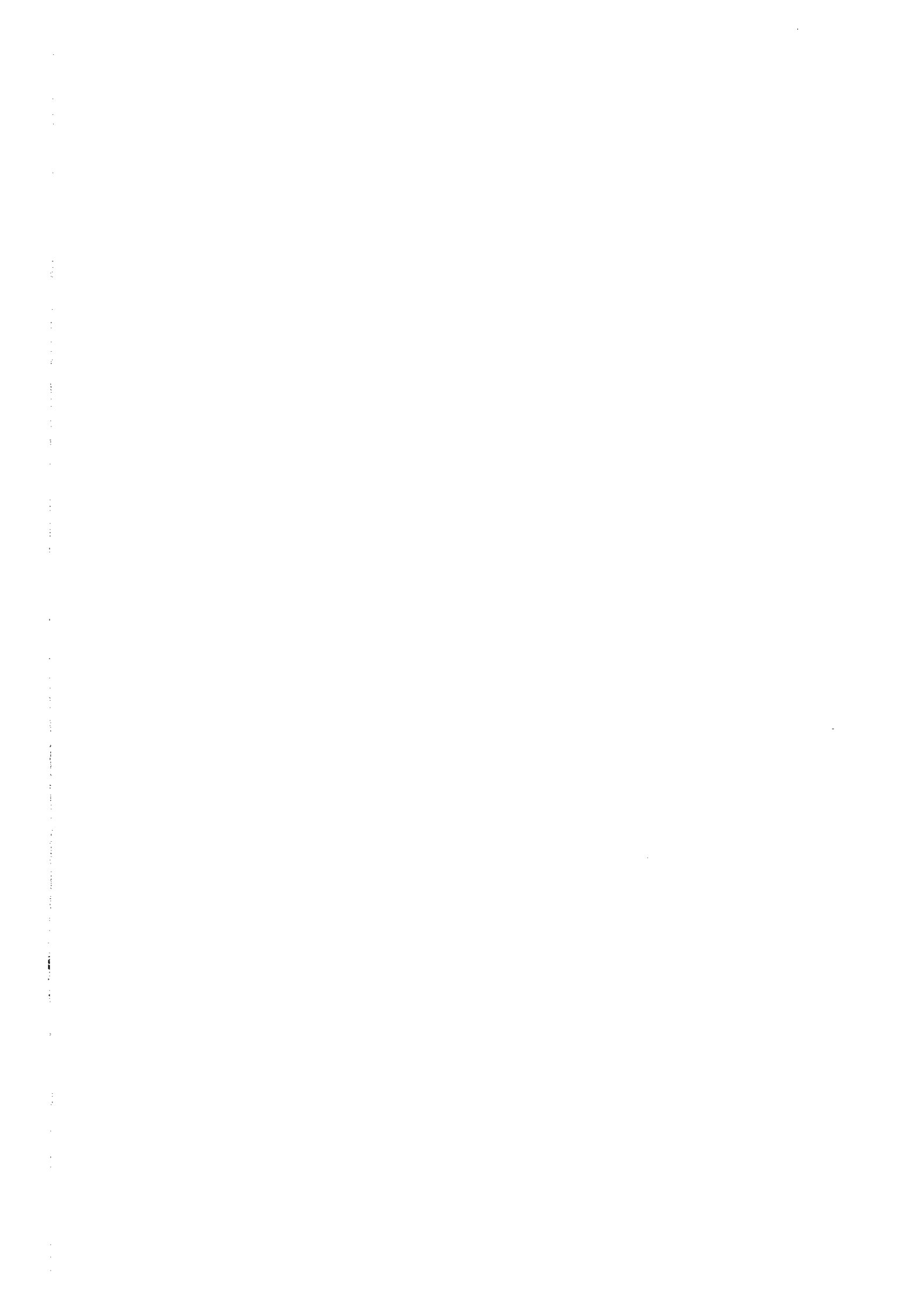
Drilling Meter of Diamond Bits

Apx. 3-4 Drilling Meter of Diamond Bits (1)

Size	Bits (pcs)	Drilling meter by drillhole (m)										Total (m)	Efficiency (m/bit)
		MJKA-1	MJKA-2	MJKA-4	MJKA-6	MJKA-7	MJKA-8	MJKA-9	MJKA-10	MJKA-11	MJKA-13		
HQ	1	29.2										29.2	29.2
	2		57.5									57.5	28.8
	1			29.4								29.4	29.4
	1				16.5							16.5	16.5
	3					30.3						30.3	10.1
	0						0					0	
	0							0				0	
	0								0			0	
	0									0		0	
	2										20	20	10.0
Sub total	10	29.2	57.5	29.4	16.5	30.3	0.0	0.0	0.0	0.0	20.0	182.9	18.3
NQ	2	56.5										56.5	28.3
	14		183.0									183	13.1
	3			30.1								30.1	10.0
	4				51.4							51.4	12.9
	5					61.4						61.4	12.3
	3						68.0					68.0	22.7
	4							99.4				99.4	24.9
	4								73.9			73.9	18.5
	5									54.4		54.4	10.9
	2										43.7	43.7	21.9
Sub total	46	56.5	183.0	30.1	51.4	61.4	68.0	99.4	73.9	54.4	43.7	721.8	15.7

Apx. 3-4 Drilling Meter of Diamond Bits (2)

Size	Bits (pcs)	Drilling meter by drillhole (m)										Total (m)	Efficiency (m/bit)
		MJKA-1	MJKA-2	MJKA-4	MJKA-6	MJKA-7	MJKA-8	MJKA-9	MJKA-10	MJKA-11	MJKA-13		
BQ	2	69.4										69.4	34.7
	0		0									0	
	8			99.8								99.8	12.5
	10				89.2							89.2	8.9
	11					185.4						185.4	16.9
	1						32.0					32.0	32.0
	4							106.4				106.4	26.6
	3								36.9			36.9	12.3
	0									0		0	
	7										108.4	108.4	15.5
Sub total	46	69.4	0.0	99.8	89.2	185.4	32.0	106.4	36.9	0.0	108.4	727.5	15.8
Grand total	102	155	241	159	157	277	100	206	111	54	172	1,632	16.0

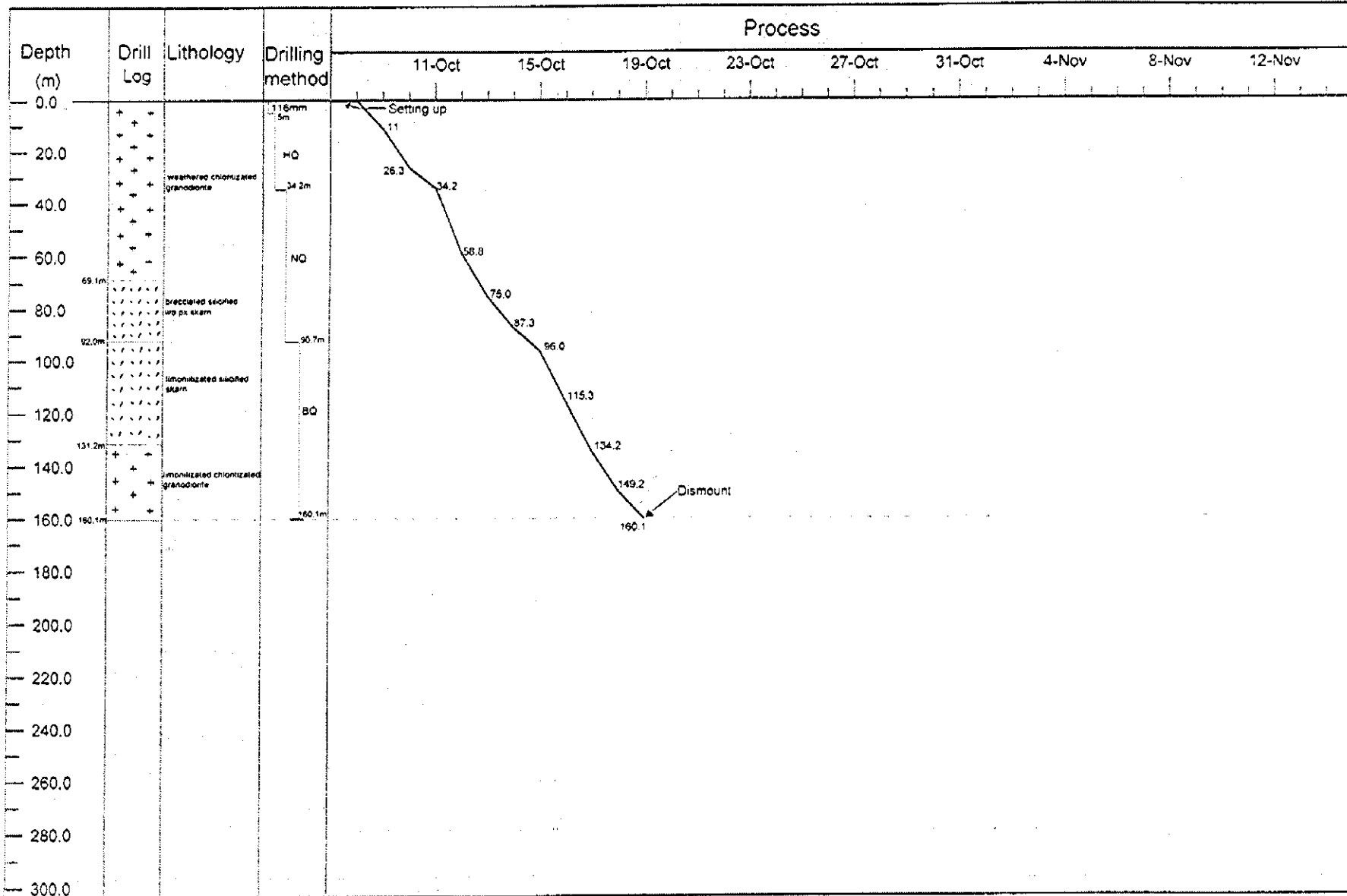


Appendix 3-5

Progress Record of Diamond Drilling

PROGRESS RECORD OF DIAMOND DRILLING

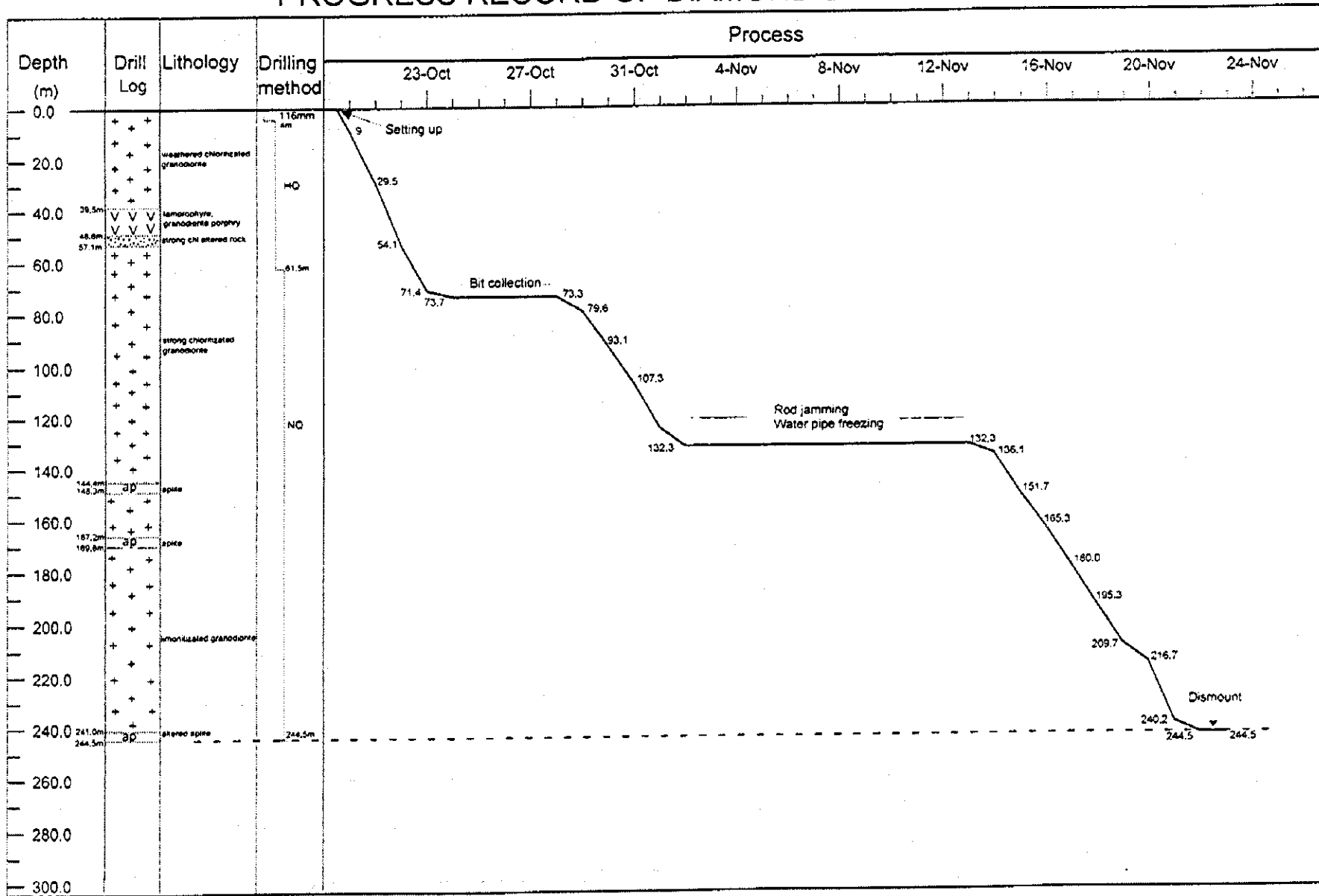
MJKA-1



861-V

PROGRESS RECORD OF DIAMOND DRILLING

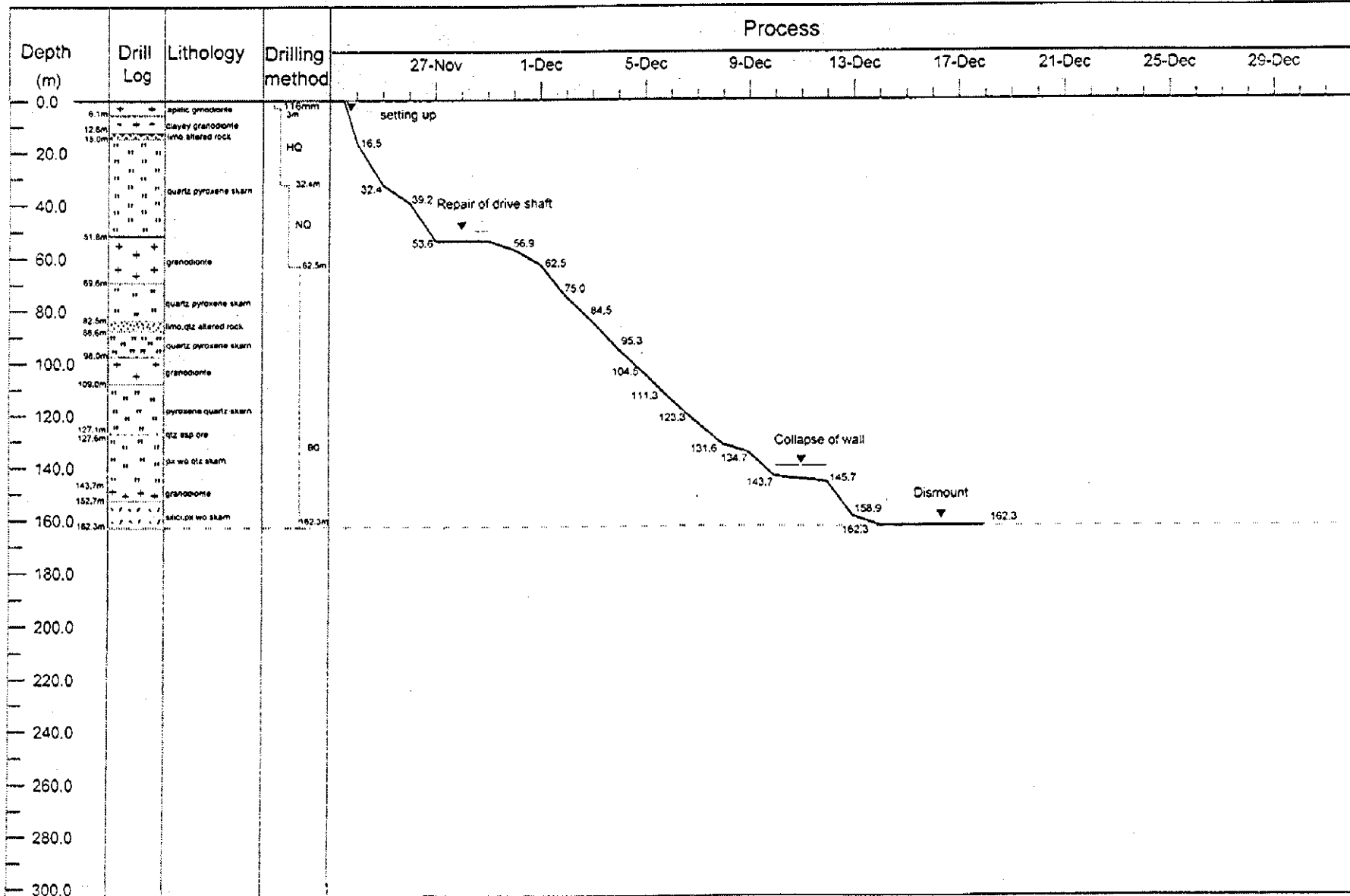
MJKA-2



A-194

PROGRESS RECORD OF DIAMOND DRILLING

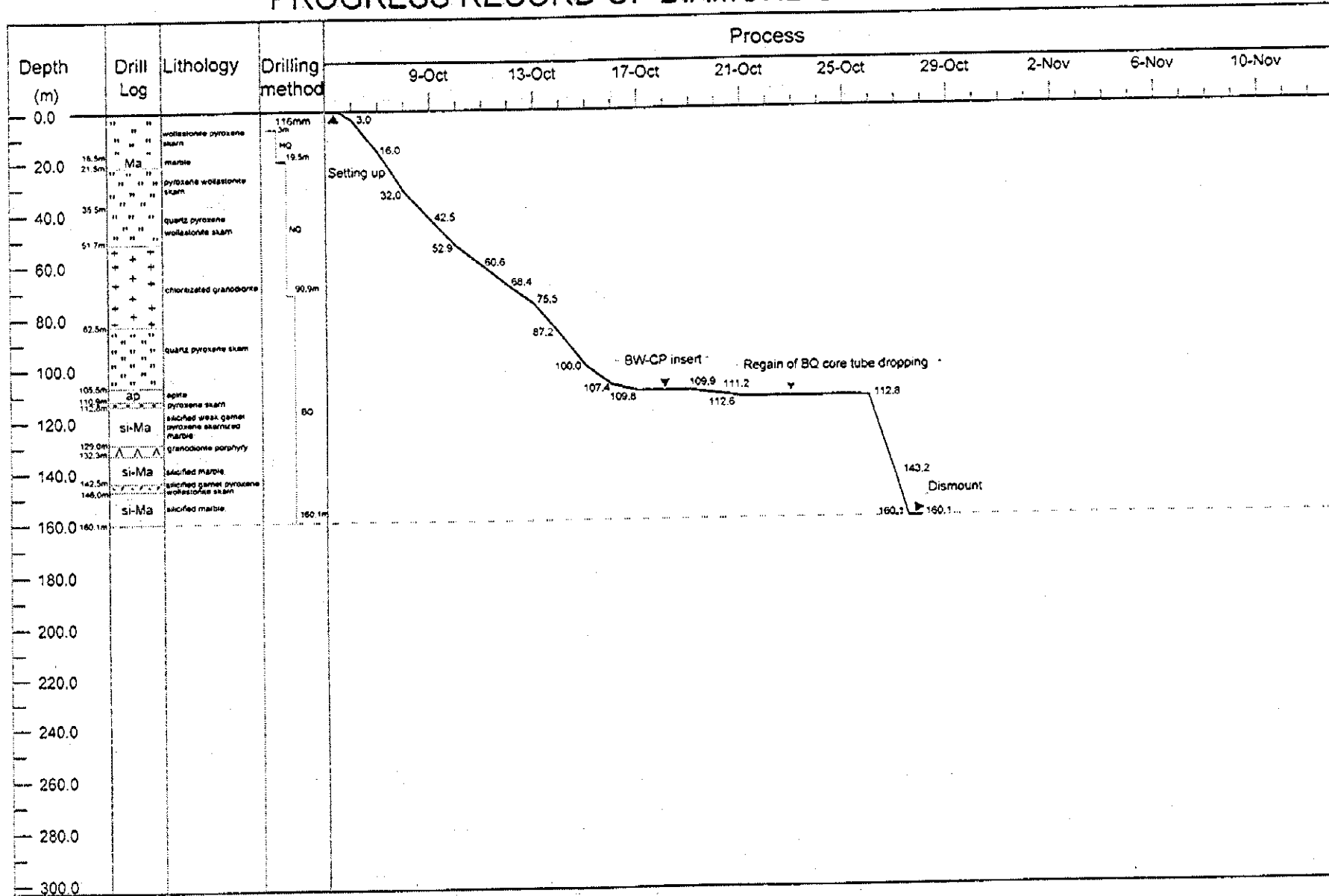
MJKA-4



A-195

PROGRESS RECORD OF DIAMOND DRILLING

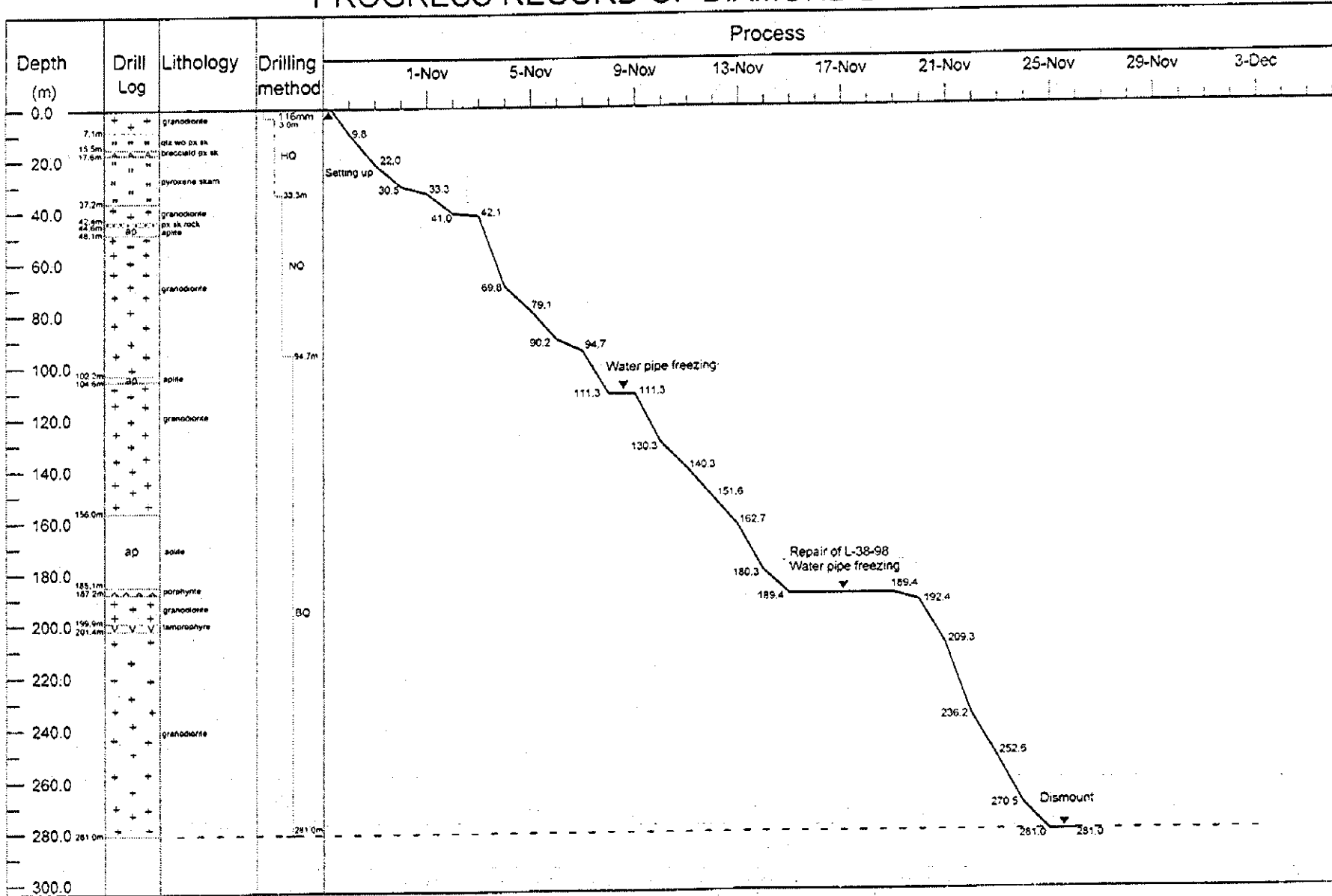
MJKA-6



A-196

PROGRESS RECORD OF DIAMOND DRILLING

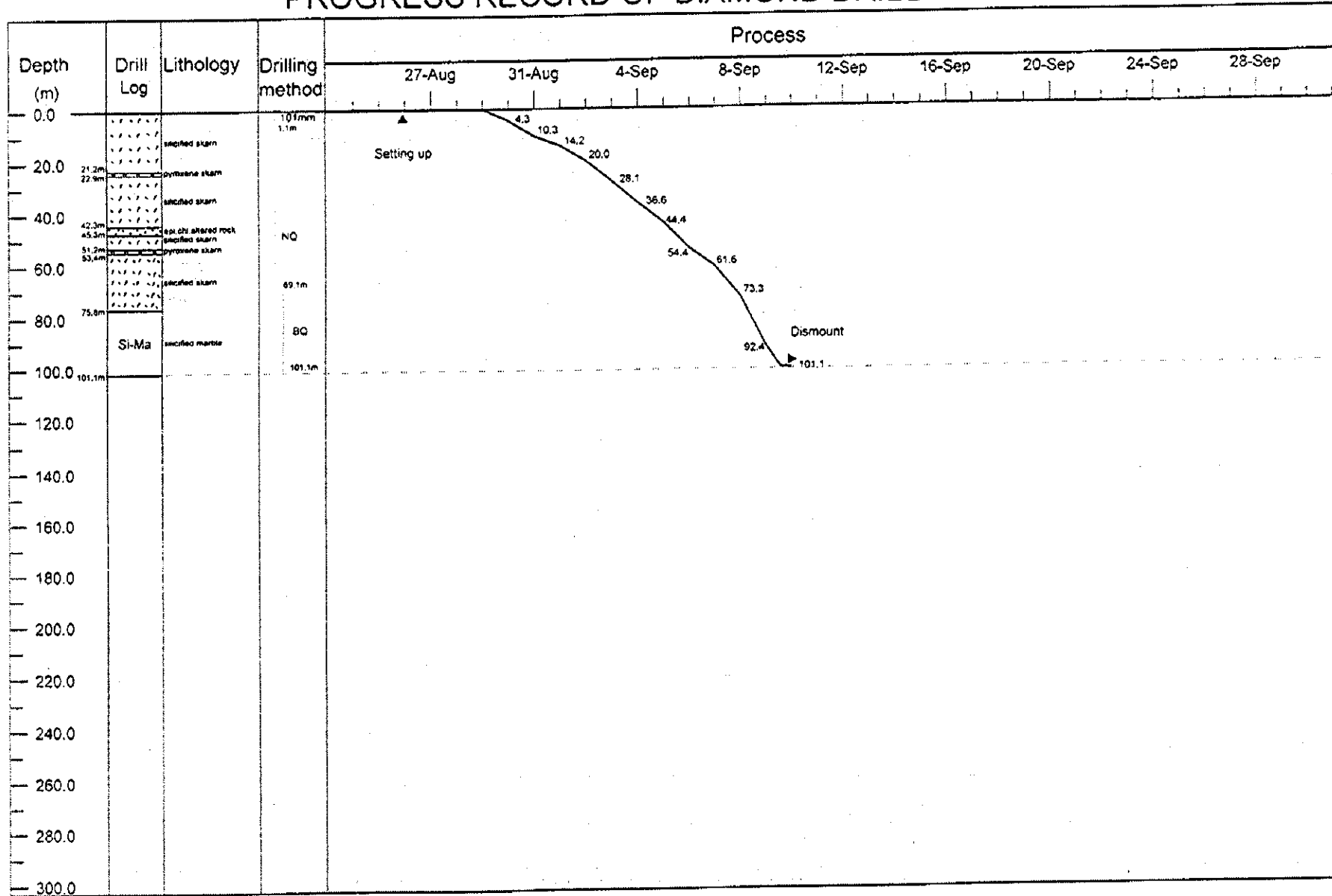
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A-197

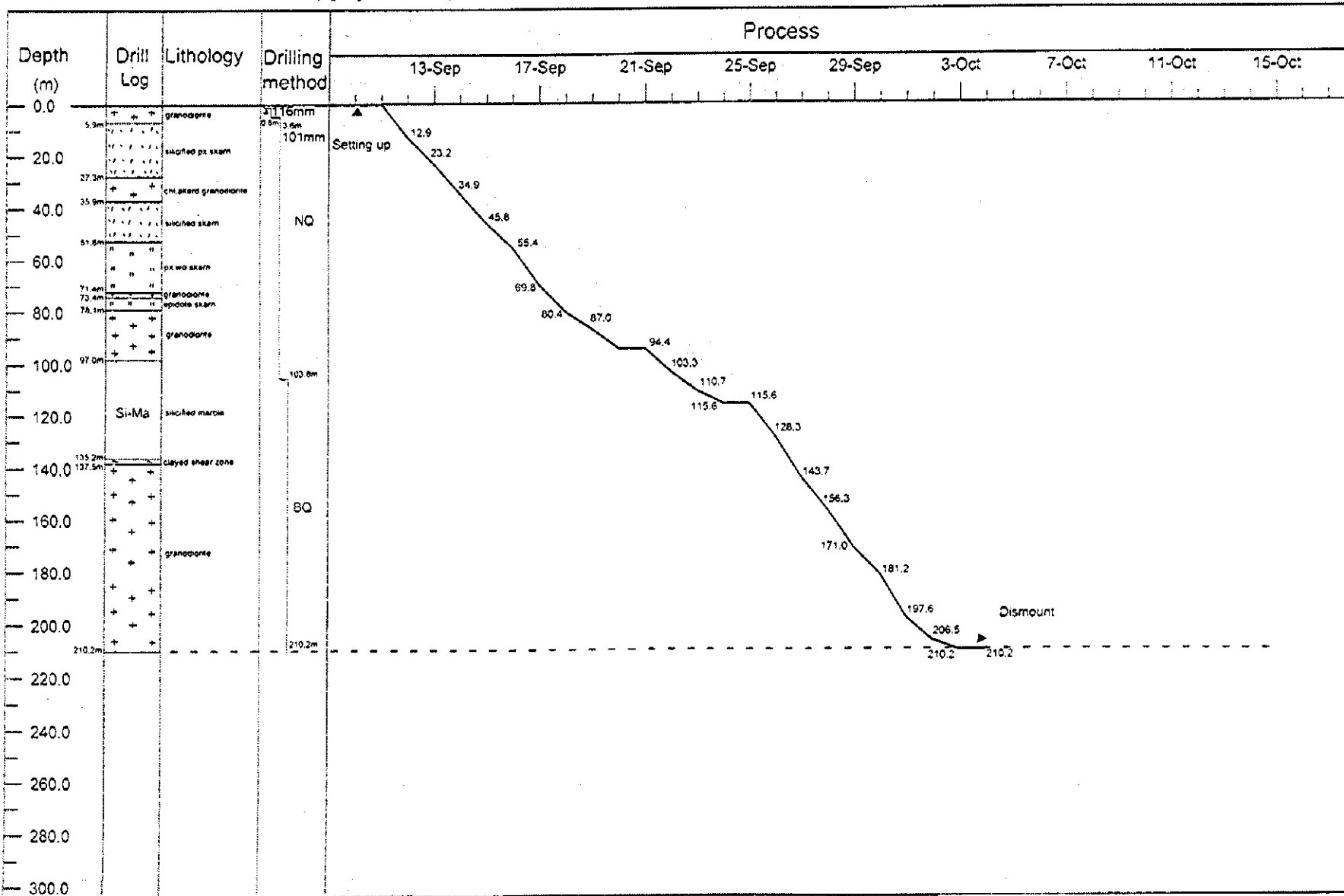
PROGRESS RECORD OF DIAMOND DRILLING

MJKA-8



PROGRESS RECORD OF DIAMOND DRILLING

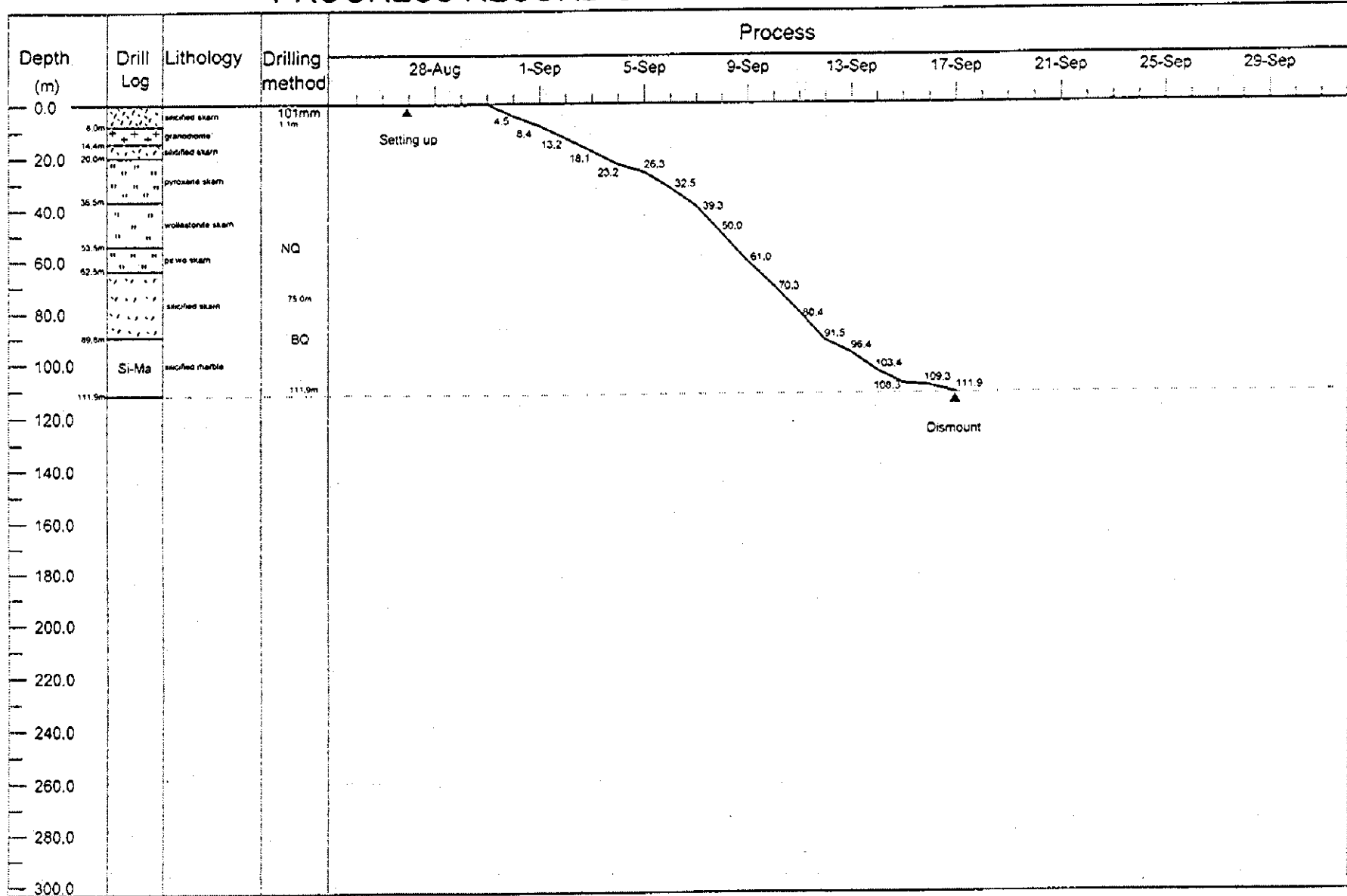
MJKA-9



A-199

PROGRESS RECORD OF DIAMOND DRILLING

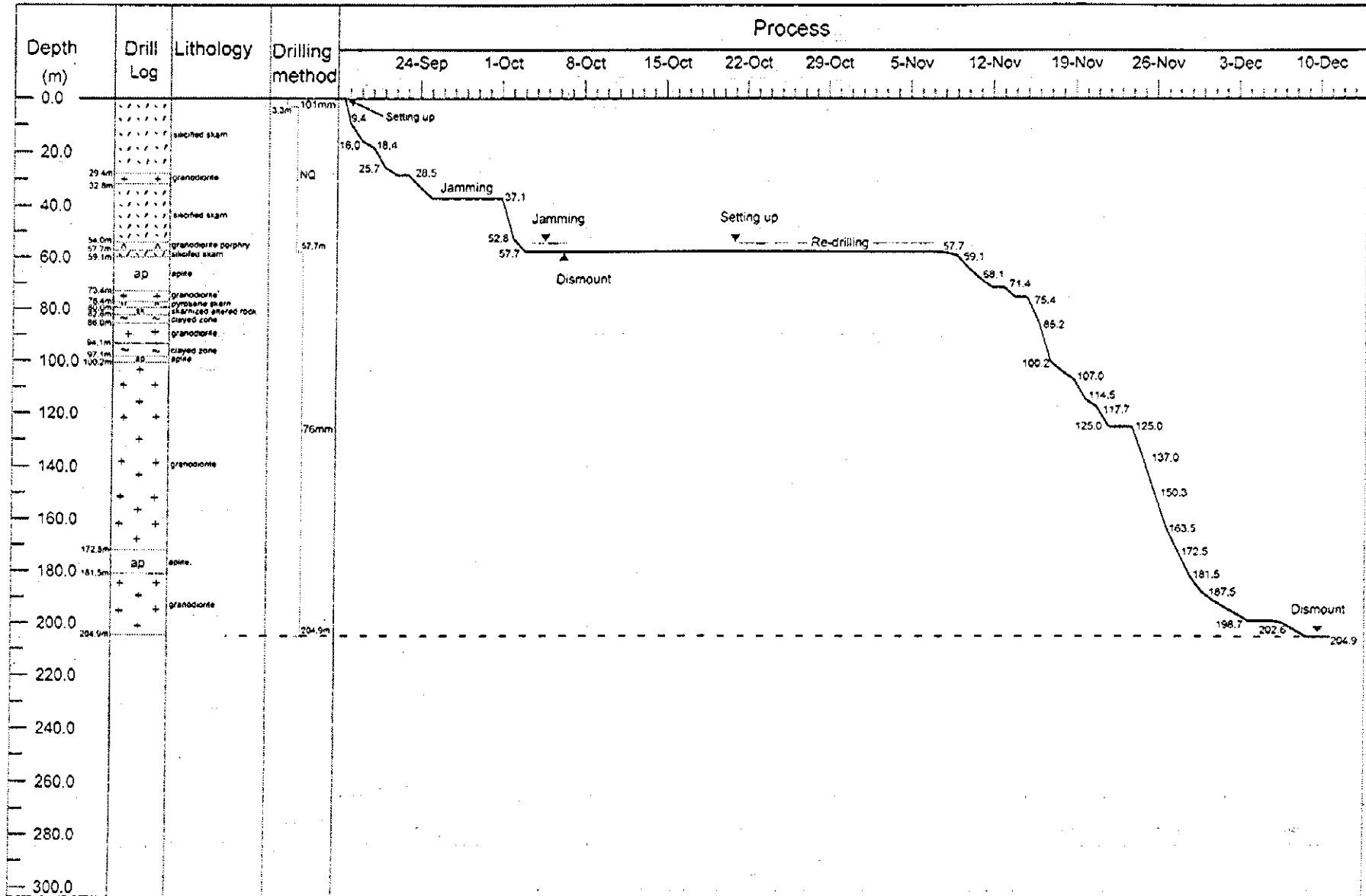
MJKA-10



A-200

PROGRESS RECORD OF DIAMOND DRILLING

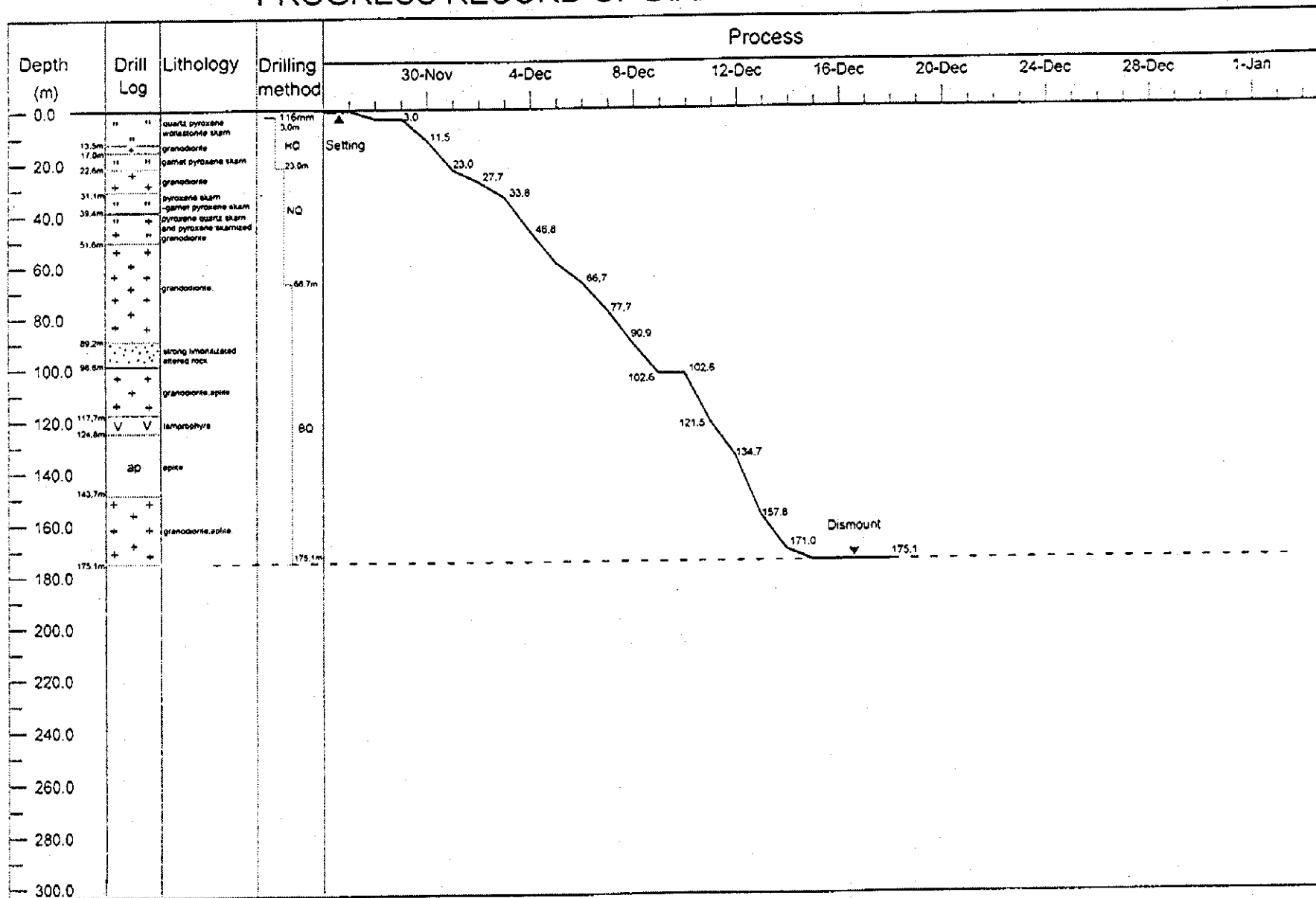
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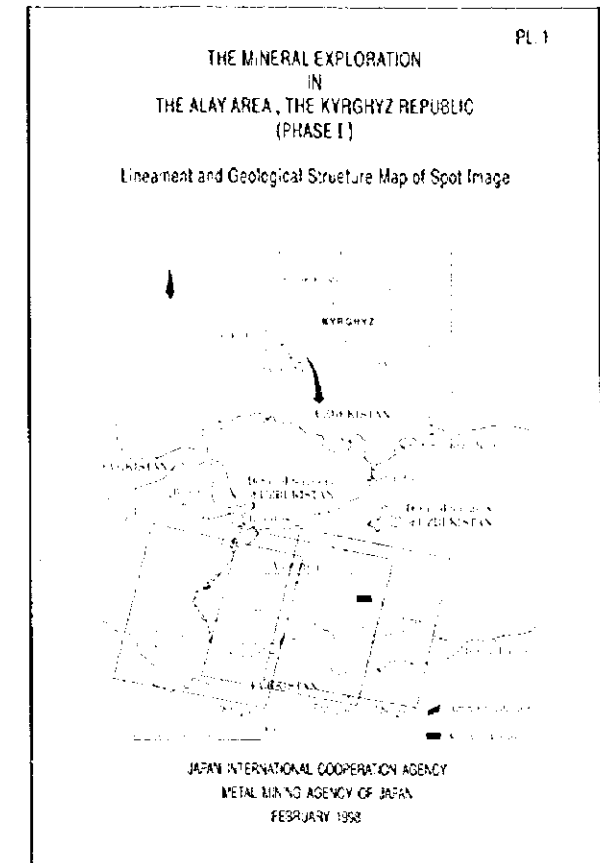
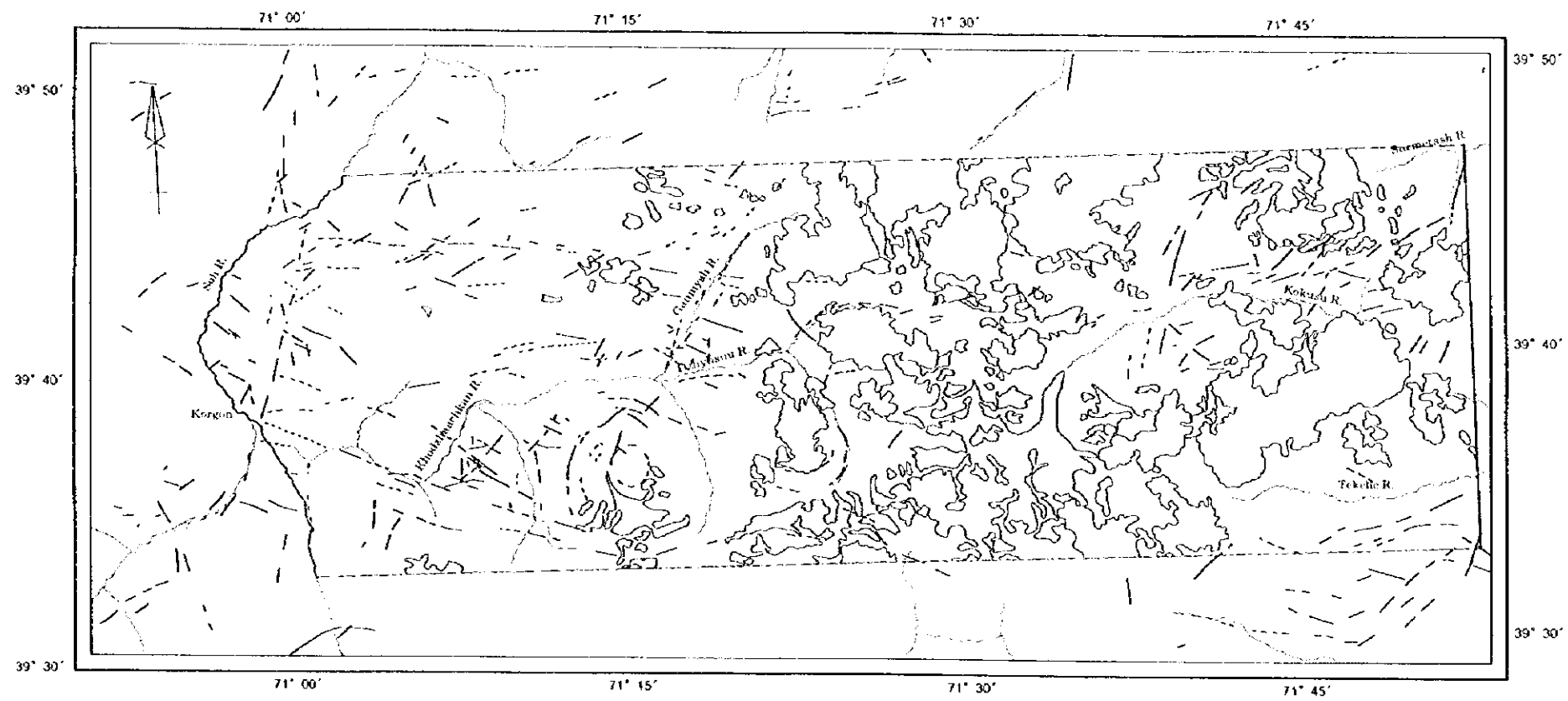
A-201

PROGRESS RECORD OF DIAMOND DRILLING

MJKA-13

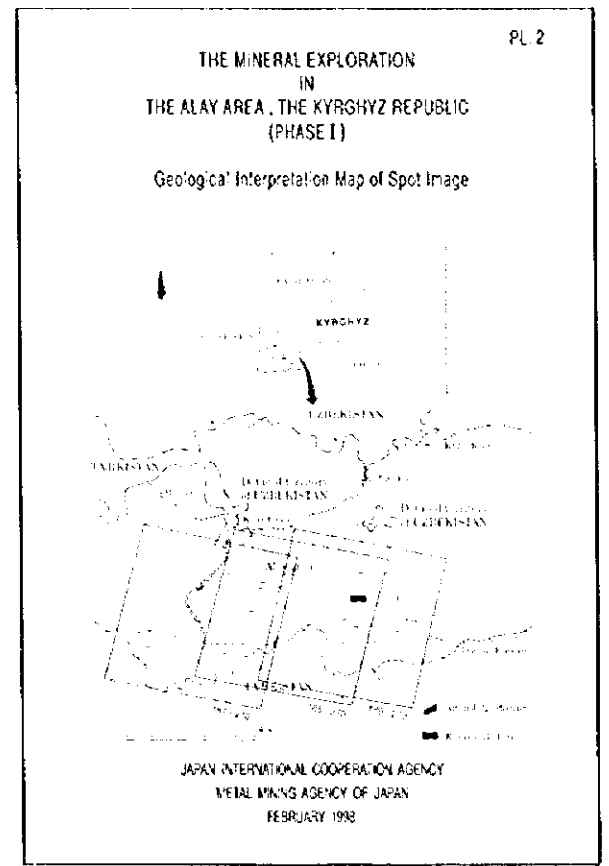
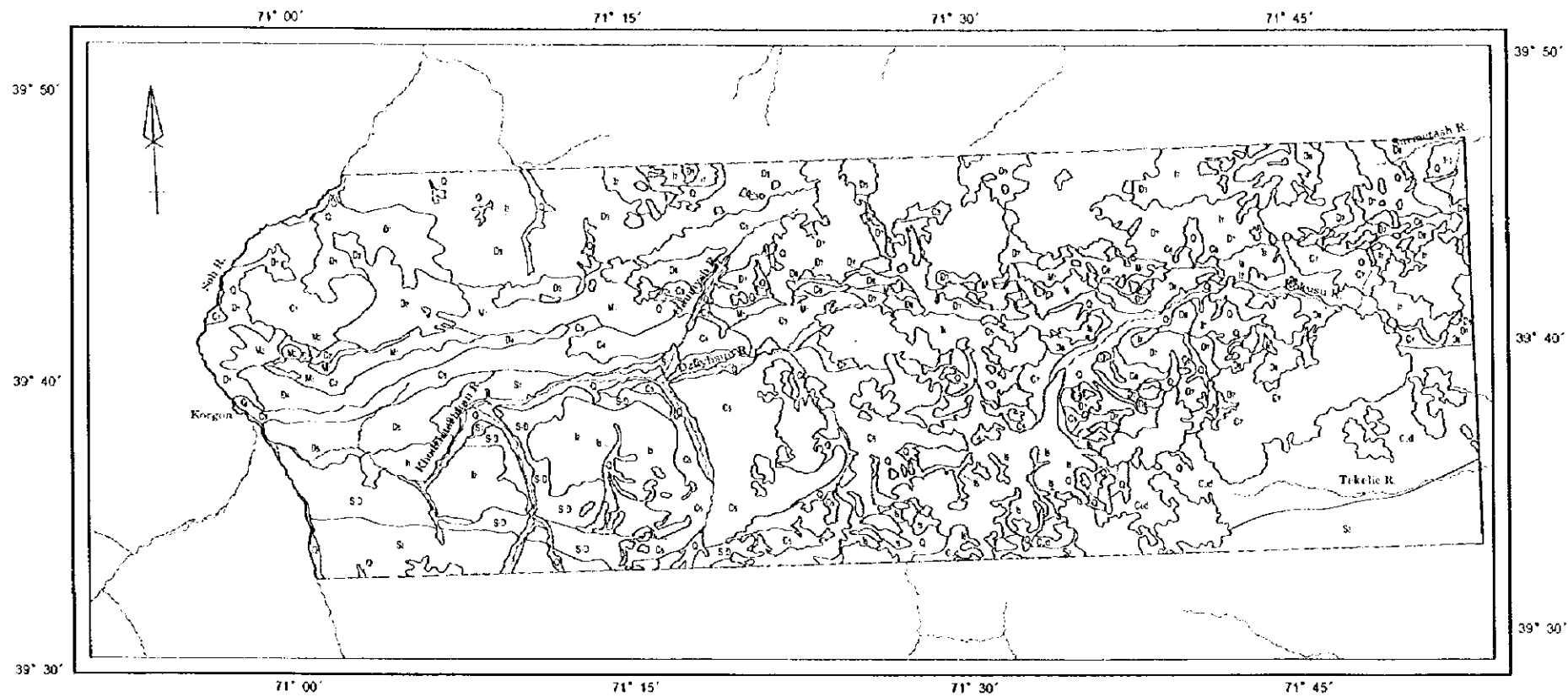


A-202



LEGEND

- Bedding trace and dip direction
- Lineament
- Glacier, snow cover
- Cloud
- Drainage
- Alay area

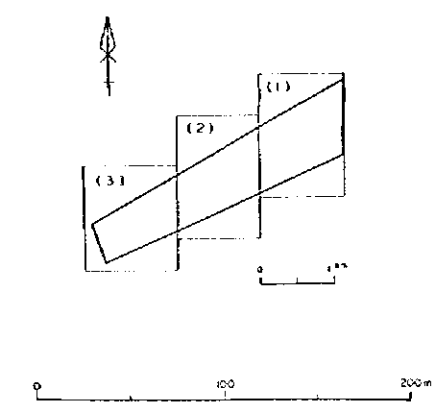
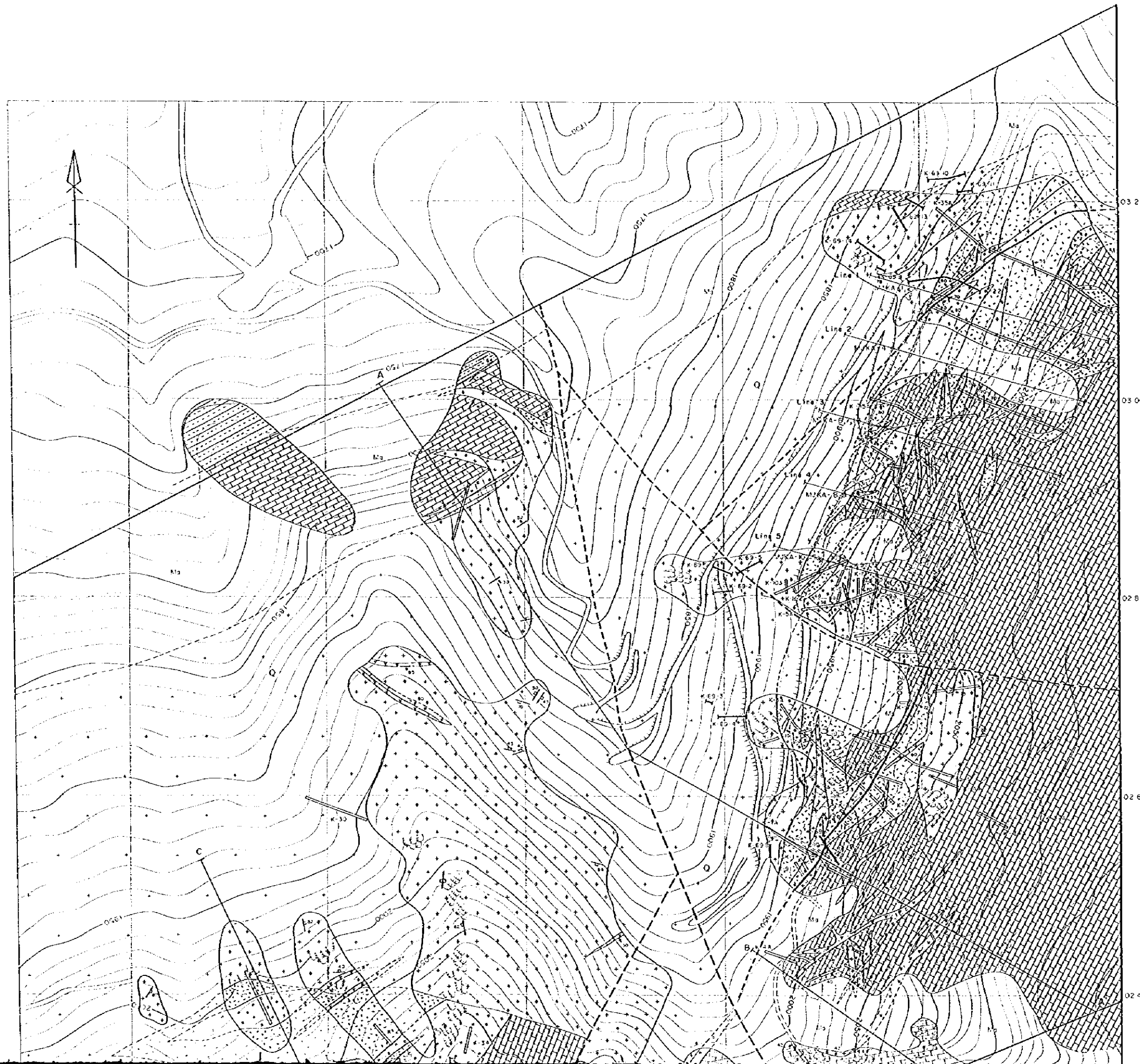


Photogeologic Characteristics of Interpretation Units

Unit	Color	Texture	Drainage pattern	Density	Relief	Geomorphologic aspect	Correlation	Rock Types
O	gray to dark brown	fine	parallel	very low	none	Quaternary	Quaternary	sand, gravel
M	brown	fine	dendritic	low	none	Tertiary-Cretaceous	Tertiary-Cretaceous	silt ss, clay
M1	red	moderate	dendritic	high	moderate	Ordovician	Ordovician	silt ss, clay
C1	red	coarse	dendritic	high	moderate	L.M. Carboniferous	L.M. Carboniferous	shale ss
C2	dark gray	fine	subparallel	moderate	low	none	L.M. Carboniferous	shale ss
C3	dark gray to red	fine	subparallel	moderate	low	none	M.U. Carboniferous	shale ss, rhy
C4	reddish gray	coarse	subparallel	high	high	none	L.M. Carboniferous	shale ss
C5	dark gray	coarse	dendritic	high	high	none	M.U. Carboniferous	shale ss, rhy
C6	dark brown	fine	dendritic	moderate	moderate	none	L.M. Carboniferous	shale ss
C7	dark brown	moderate	subparallel	high	high	low	L.M. Carboniferous	shale ss
C8	red	moderate	dendritic	high	moderate	good	Carboniferous	shale ss, rhy
D1	reddish gray	coarse	subparallel	high	high	none	Devonian	shale ss
D2	dark gray	fine	subparallel	moderate	low	none	Devonian	shale ss
D3	dark gray	fine	subparallel	moderate	moderate	poor to fair	Devonian	shale ss
D4	red to pinkish	coarse	subparallel	moderate	low	none	Devonian	shale ss
D5	dark gray to brown	fine	subparallel	moderate	low	none	Devonian	shale ss
D6	red to pinkish brown	coarse	subparallel	moderate	low	none	Devonian	shale ss
D7	gray to dark brown	coarse	subparallel	high	high	none	Devonian	shale ss
D8	light gray	moderate	subparallel	high	high	poor	Devonian	shale ss
S1	dark gray	coarse	subparallel	high	very high	good	Silurian-Devonian	shale ss
S2	dark gray	fine	subparallel	moderate	low	none	Silurian	shale ss
S3	dark gray	coarse	subparallel	high	high	poor	Silurian	shale ss
S4	red to reddish gray	moderate	dendritic	moderate	moderate	poor to fair	Devonian-Silurian	shale ss
S5	reddish pinkish	coarse	subparallel	high	very high	none	L.U. Permian	shale ss, conglomerate
S6	dark gray	coarse	dendritic	high	very high	none	L.U. Permian	shale ss
S7	dark gray	coarse	dendritic	high	very high	none	L.U. Permian	shale ss
S8	dark gray	coarse	dendritic	high	very high	none	L.U. Permian	shale ss
S9	dark brown	fine	dendritic	moderate	moderate	poor	U. Camb. & Permian	shale ss, conglomerate
S10	dark brown	moderate	dendritic	moderate	high	poor	U. Camb. & Permian	shale ss, conglomerate
S11	dark brown	coarse	subparallel	high	moderate	poor	U. Camb. & Permian	shale ss, conglomerate
S12	dark brown	coarse	subparallel	high	moderate	poor	U. Camb. & Permian	shale ss, conglomerate
S13	dark brown	moderate	subparallel	moderate	moderate	poor	U. Camb. & Permian	shale ss, conglomerate
S14	dark brown	fine	dendritic	moderate	moderate	poor	U. Camb. & Permian	shale ss, conglomerate
S15	dark brown	coarse	subparallel	moderate	moderate	poor	U. Camb. & Permian	shale ss, conglomerate

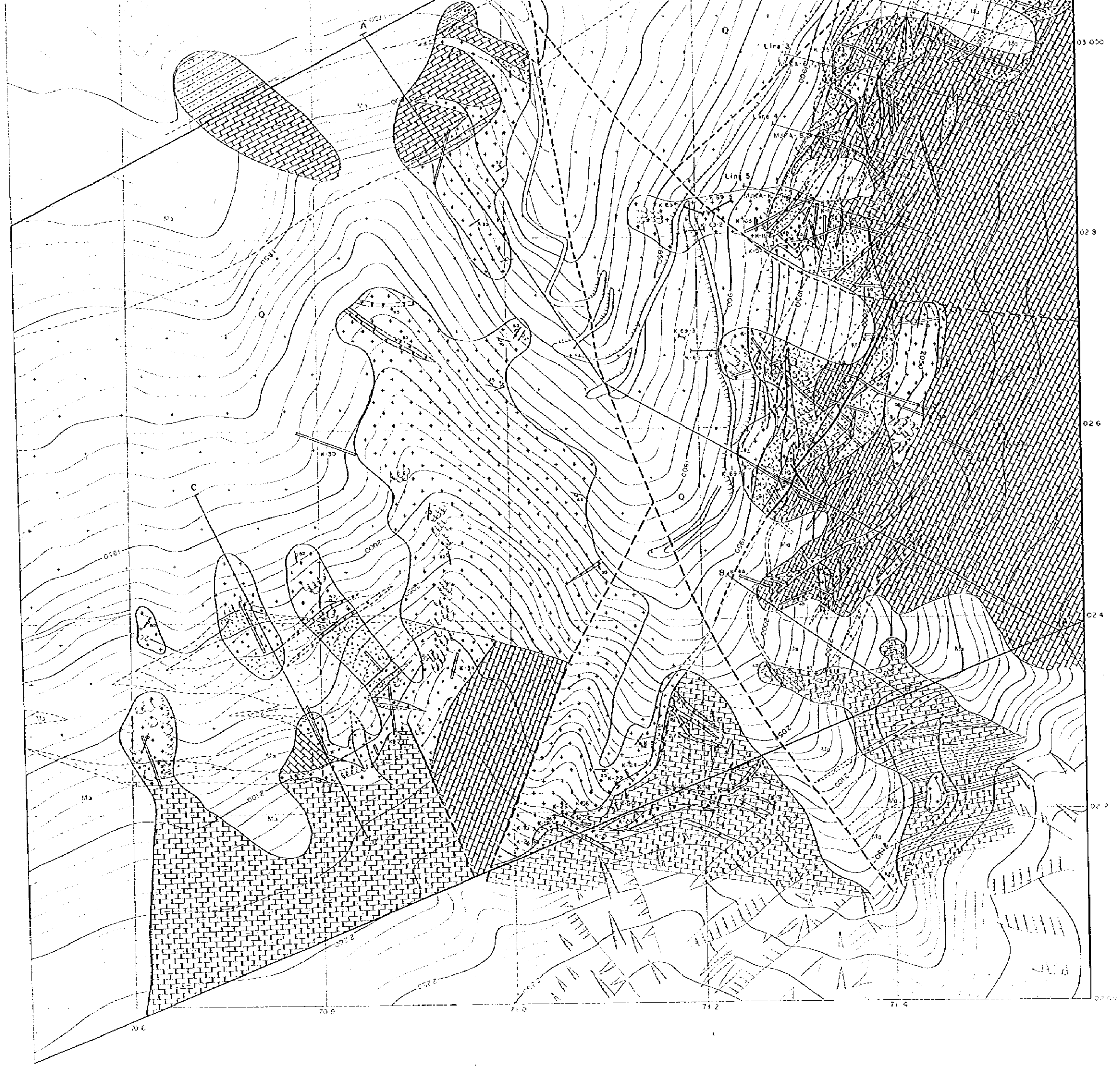
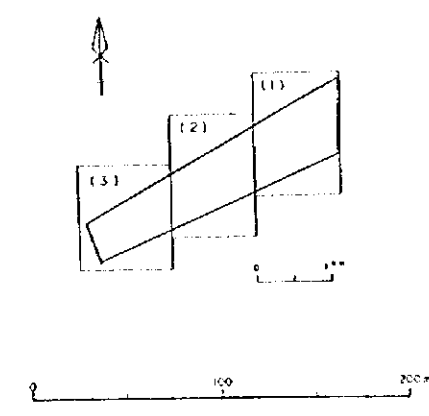
LEGEND

- Interpretation unit and boundary
- Glacier, snow cover
- Cloud
- Drainage
- Alay area





















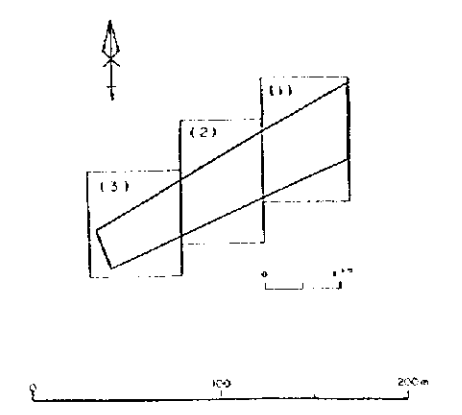
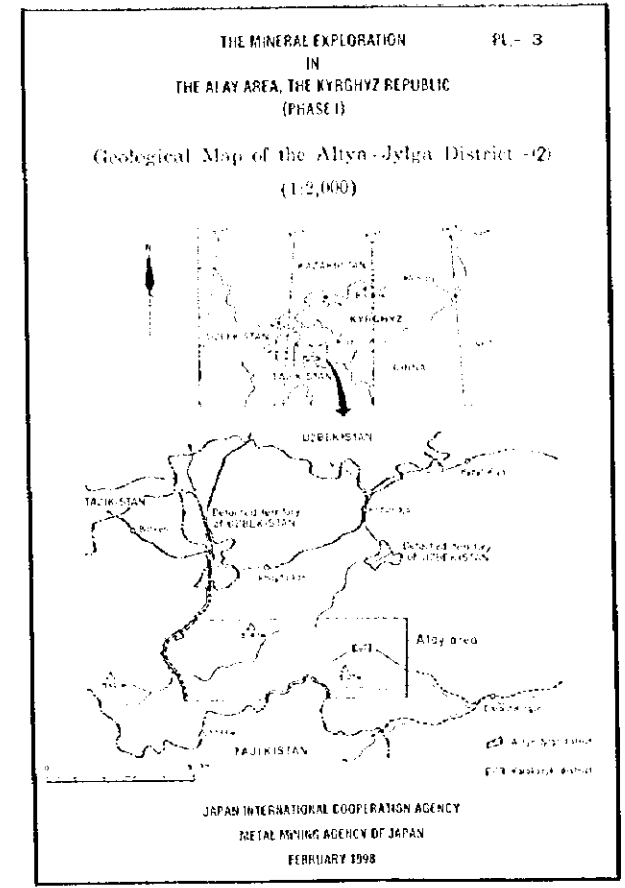
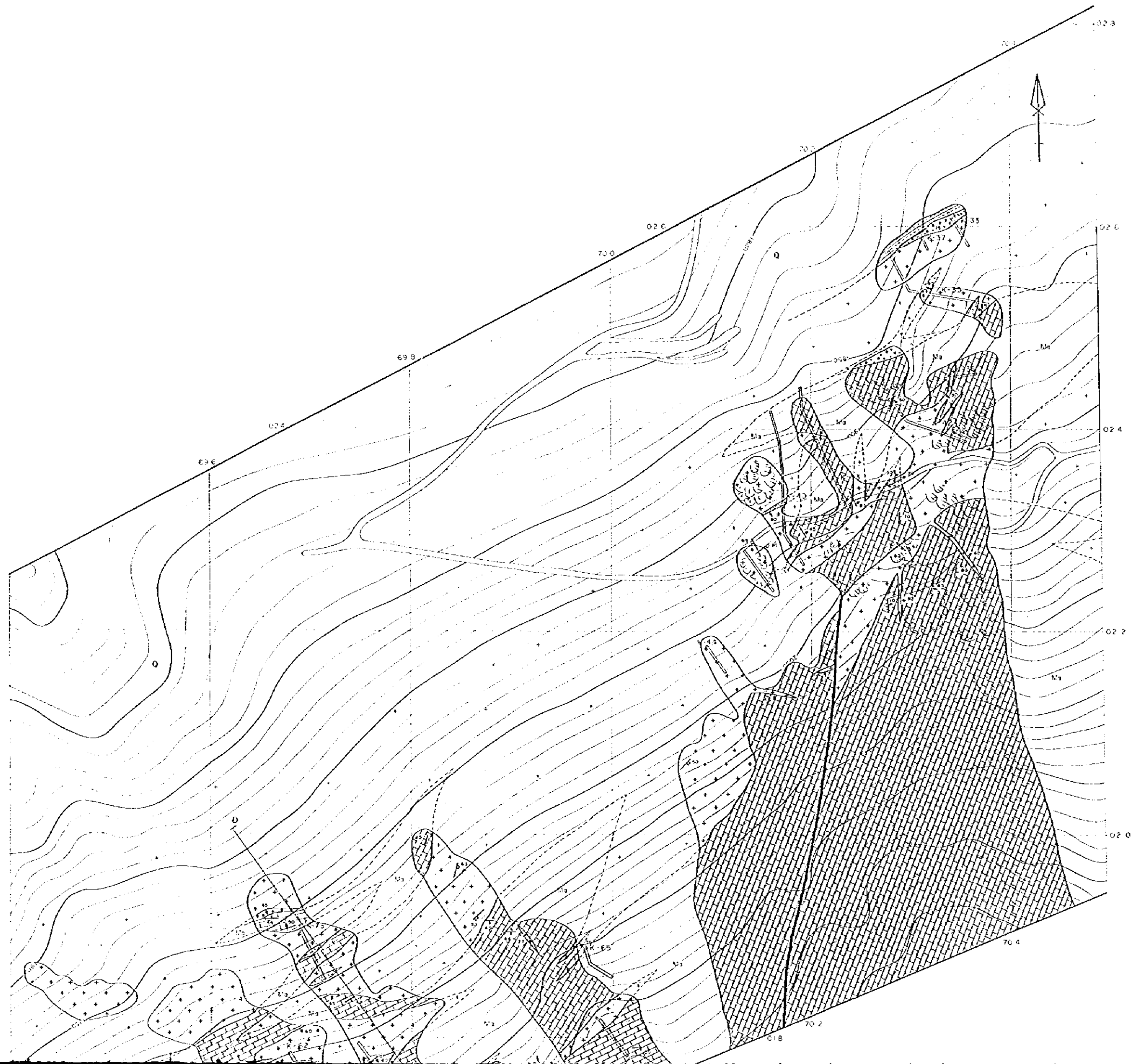
LEGEND

- | | | |
|---------------------------|---|--------------------|
| Quaternary | Q | Tolu |
| Devonian to Carboniferous | L | Limestone, marble |
| | A | Argillaceous slate |
| Intrusive Rocks | L | Lamprophyre |
| | P | Porphyry |
| | A | Aplite |
| | G | Granite rock |
| | S | Skarn |
| | S | Sulfidated shale |
| | L | Limonitization |



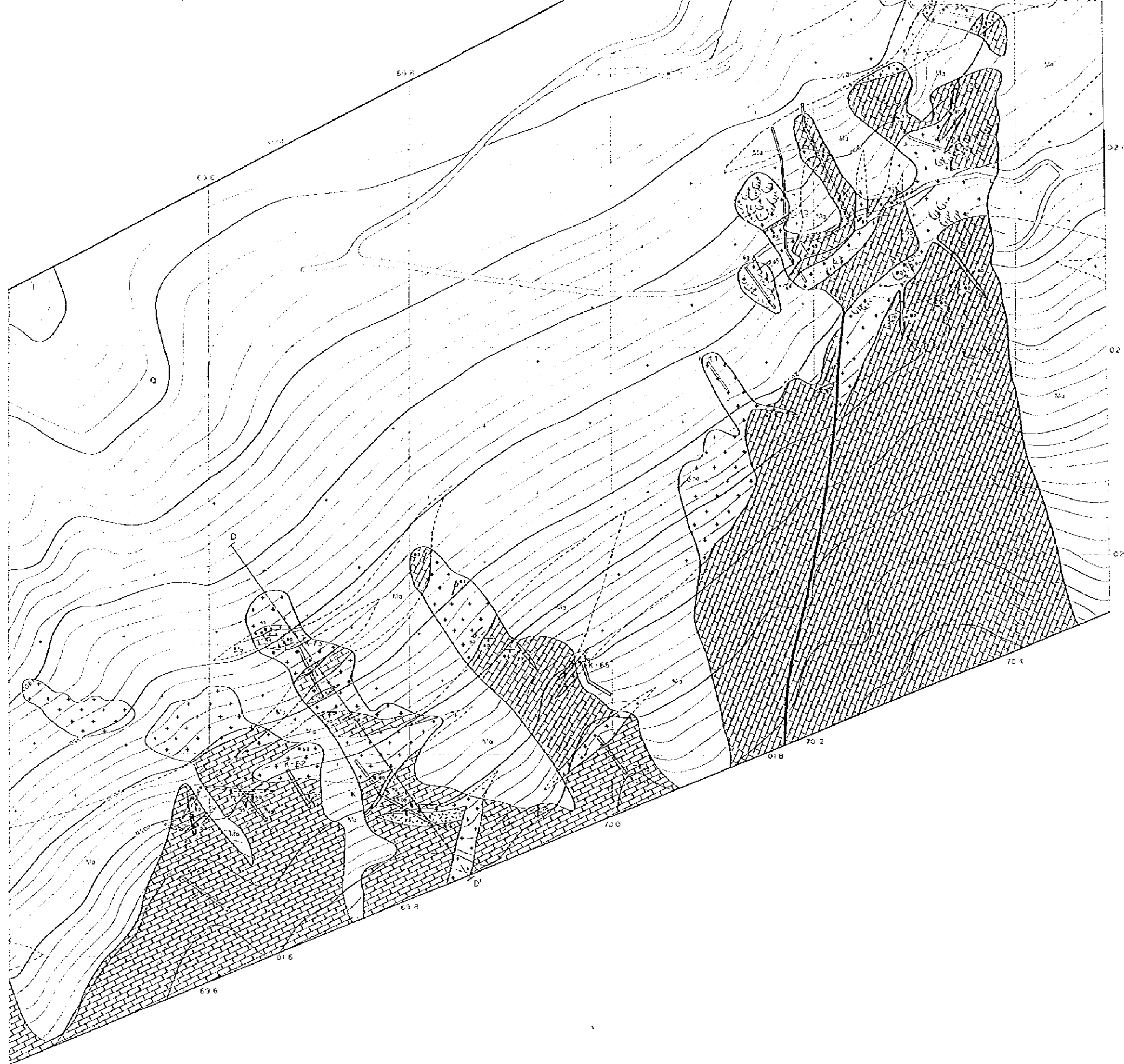
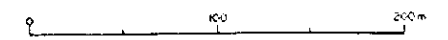
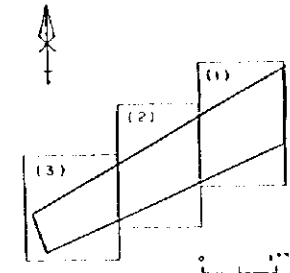
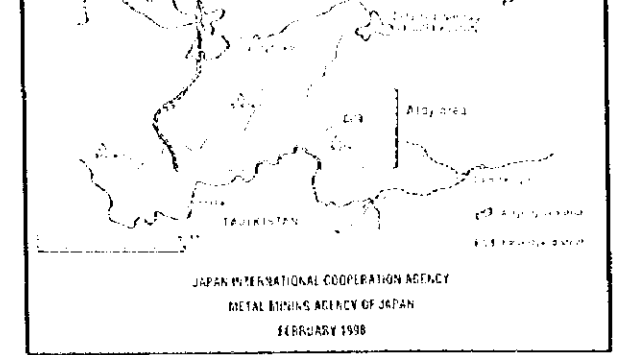
LEGEND

- | | | |
|---------------------------|---|------------------------------|
| Quaternary |  | Talus |
| Devonian to Carboniferous |  | Limestone, marble |
| |  | Argillaceous slate |
| Intrusive Rocks |  | Lamprophyre |
| |  | Porphyry |
| |  | Aplite |
| |  | Granite rock |
| |  | Skarn |
| |  | Sulfidized skarn |
| |  | Limonitization |
| |  | Serpentinization |
| |  | Fault |
| |  | Concealed and inferred fault |
| |  | bedding |
| |  | fissure, contact |
| |  | Drill hole |
| |  | Trench |
| |  | Adit |



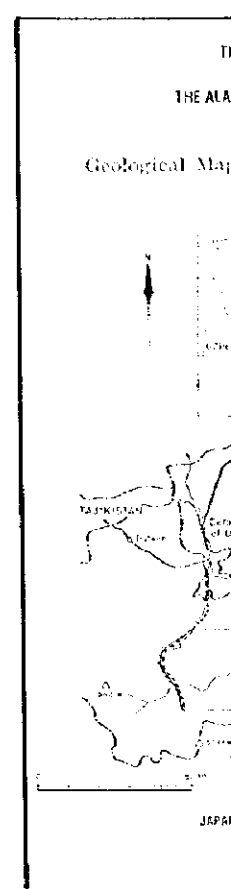
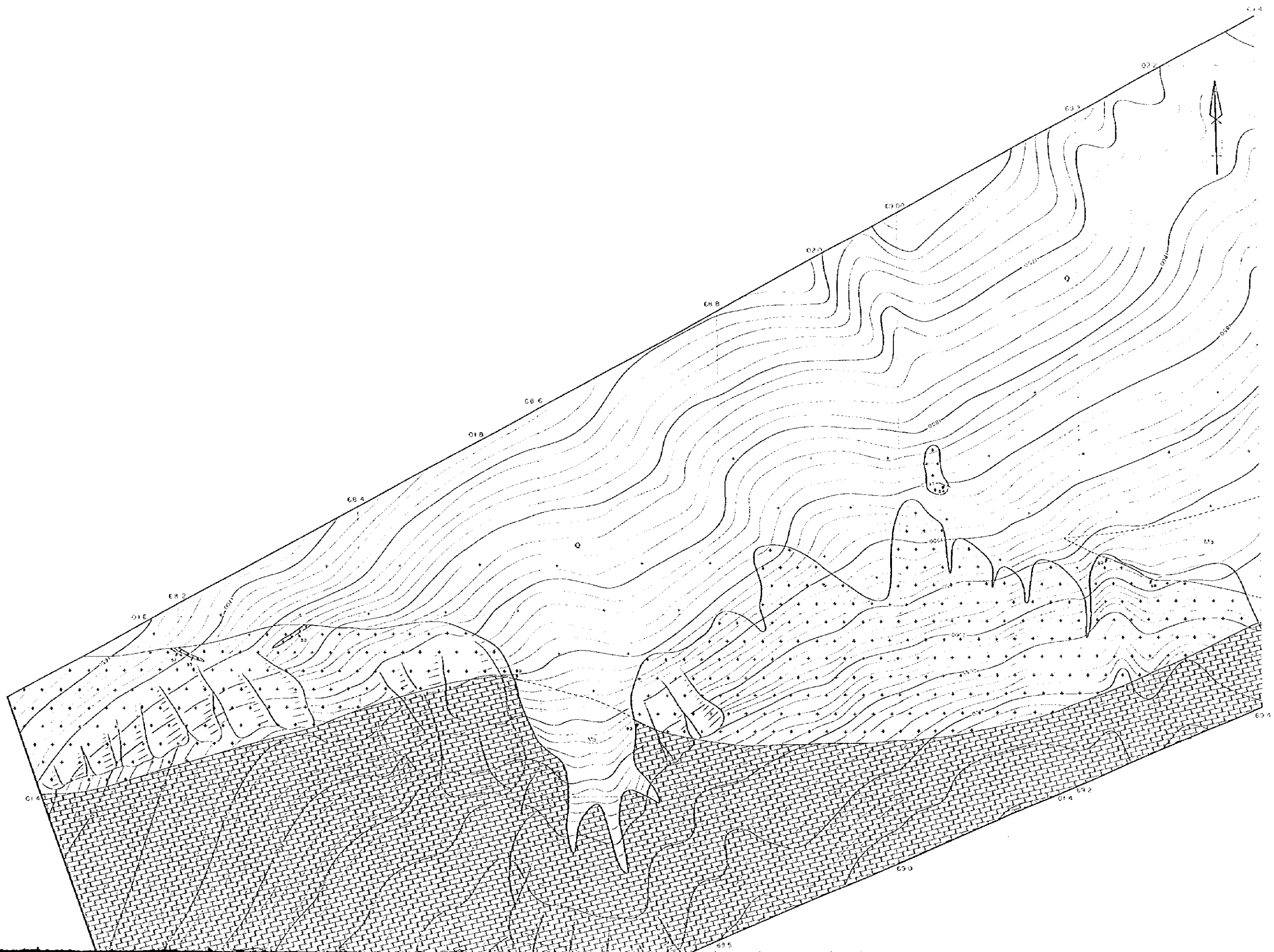
LEGEND

Quaternary		Talus
Devonian to Carboniferous		Limestone, marble
		Argillaceous shale
Intrusive Rocks		Lamprophyre
		Porphyry
		Aplite
		Granite rock
		Skarn
		Sulfidized skarn
		Limonitization

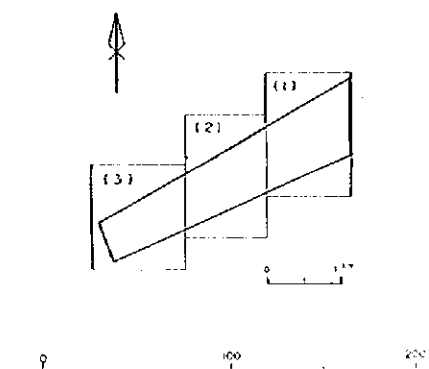
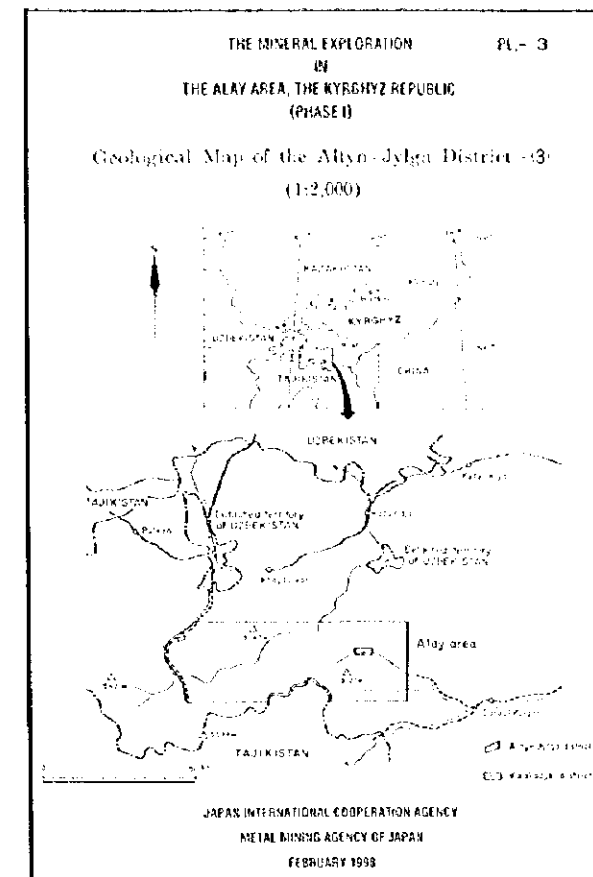
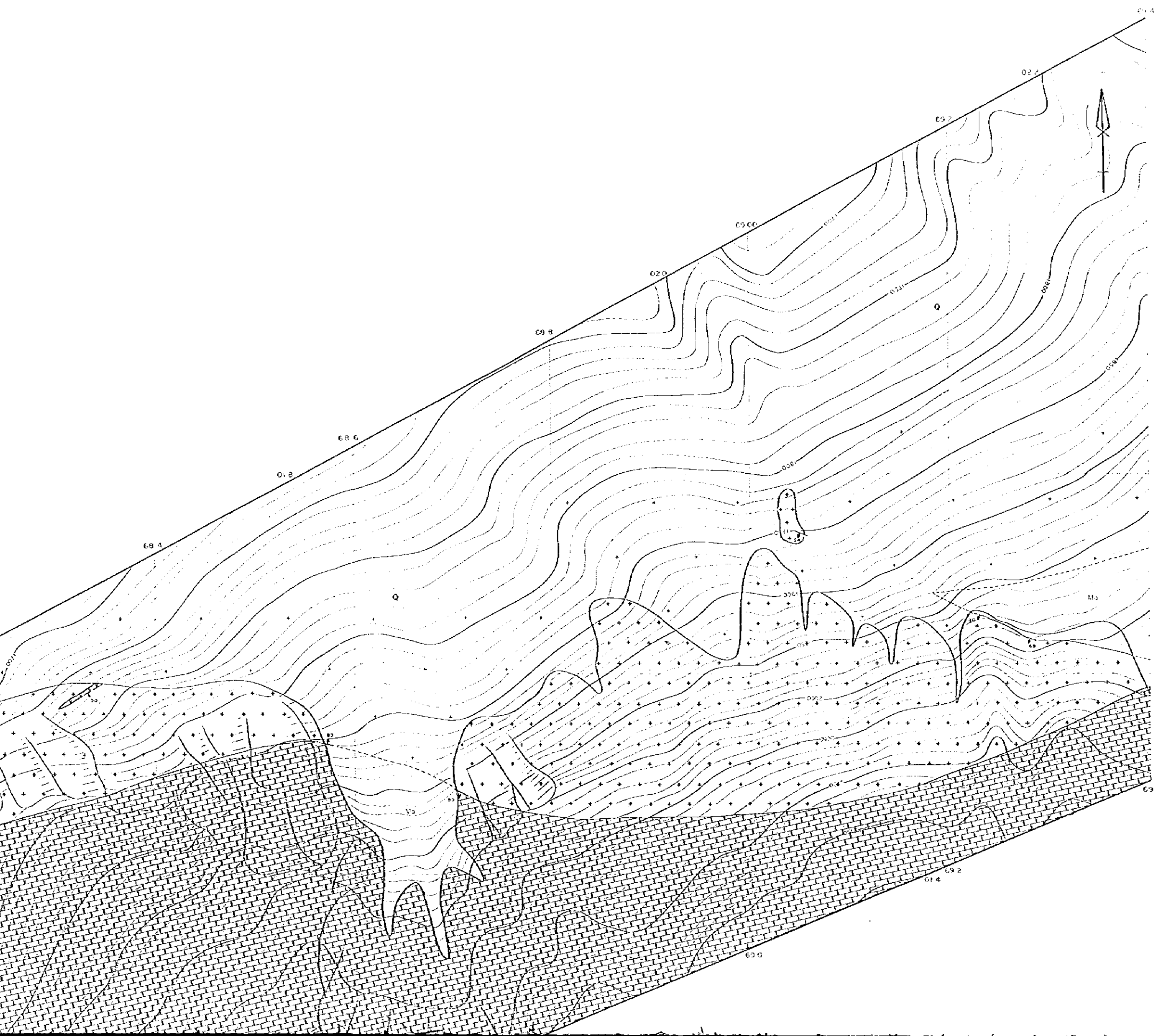


LEGEND

- Quaternary
 - Talus
- Devonian to Carboniferous
 - Limestone, marble
 - Argillaceous slate
- Intrusive Rocks
 - Lamprophyre
 - Porphyry
 - Aplite
 - Granitic rock
 - Skarn
 - Silicified skarn
 - Limonitization
 - Serpentinization
- Structural Features
 - Fault
 - Concealed and inferred fault
 - Bedding
 - Fissure, contact
- Other Features
 - Drill hole
 - Trench
 - Adit

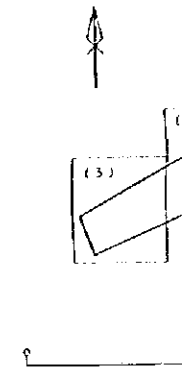
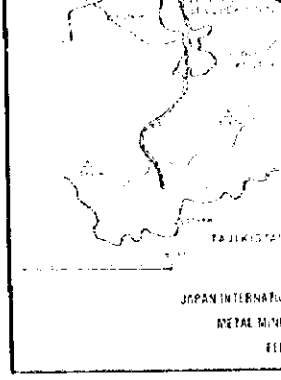
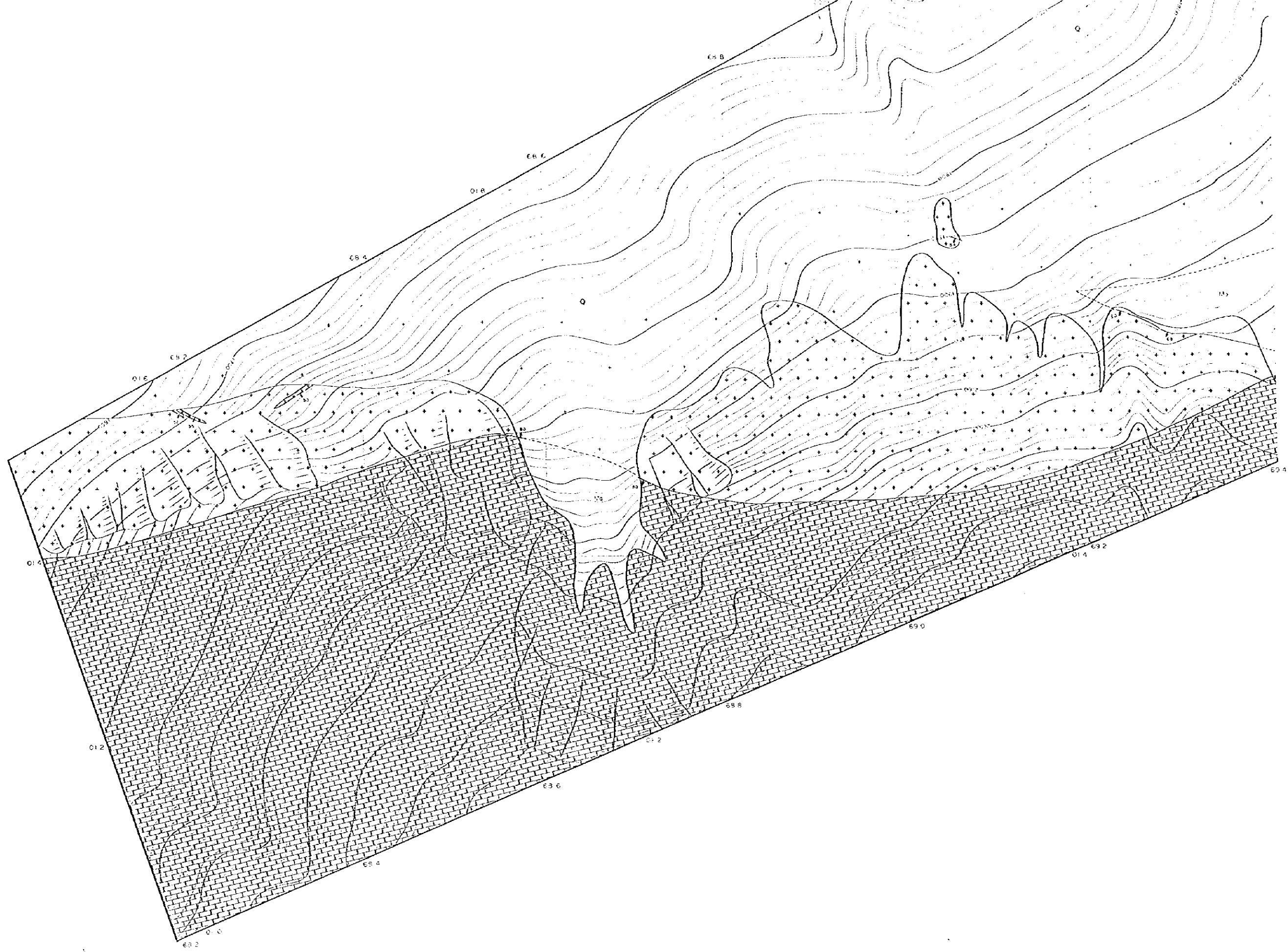


- Quaternary
- Devonian to Carboniferous
- Intrusive Rocks



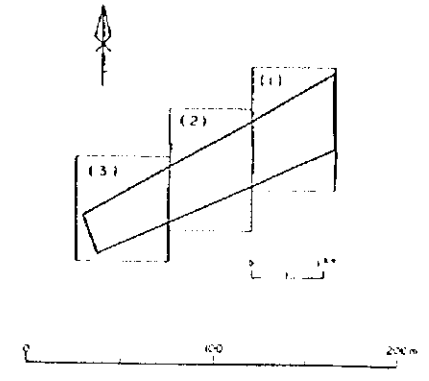
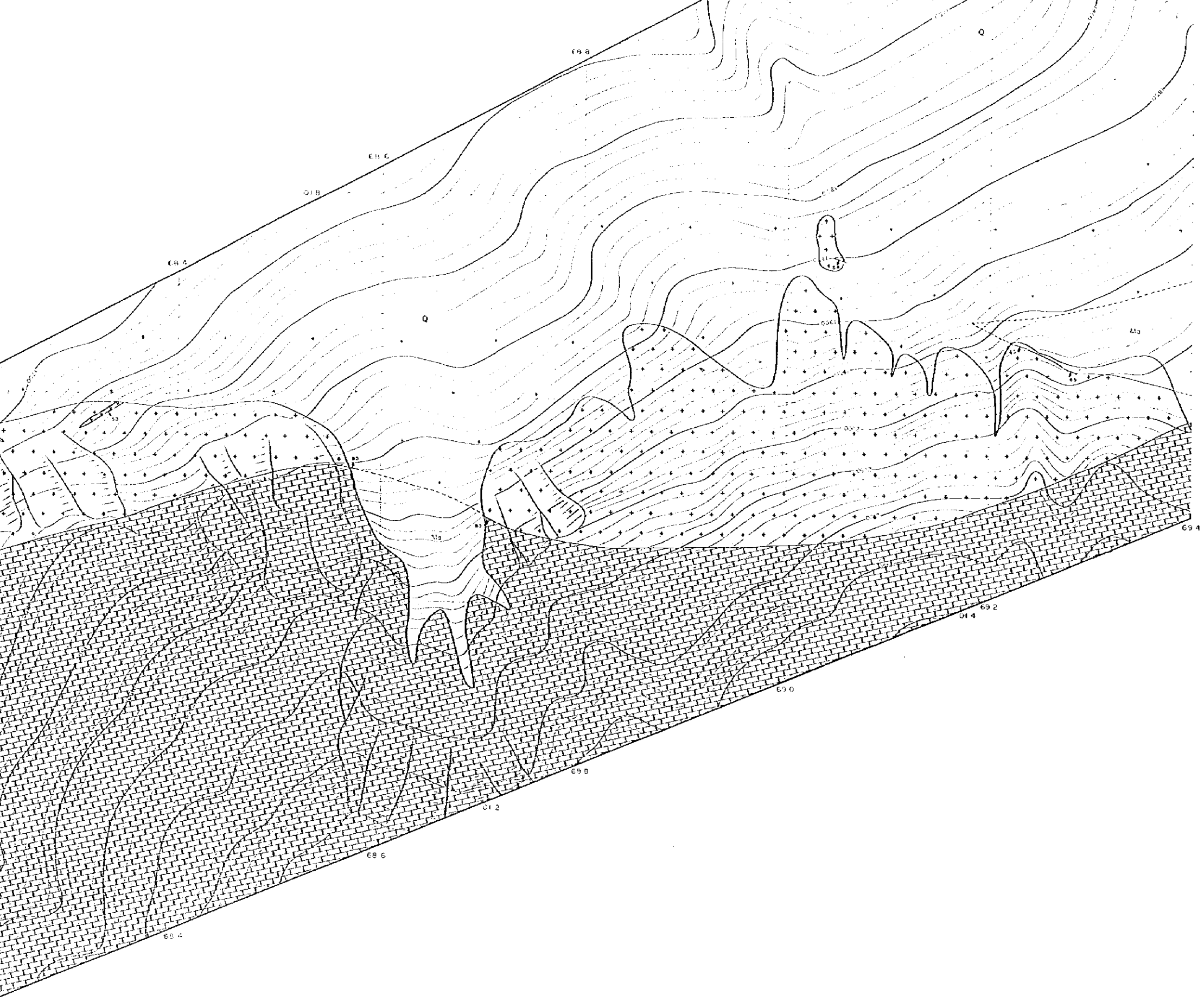
LEGEND

- | | | |
|---------------------------|-----|--------------------|
| Quaternary | Q | Talus |
| Devonian to Carboniferous | D-C | Limestone, marble |
| | D-C | Argillaceous slate |
| Intrusive Rocks | I | Lamprophyte |
| | I | Porphyry |
| | I | Andite |
| | I | Granitic rock |
| | I | Diabase |
| | I | Ultrabasic skarn |
| | I | Ultramylonite |



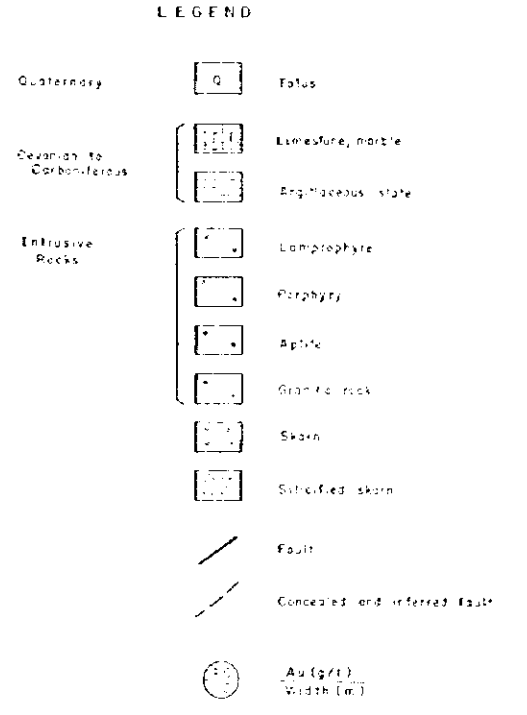
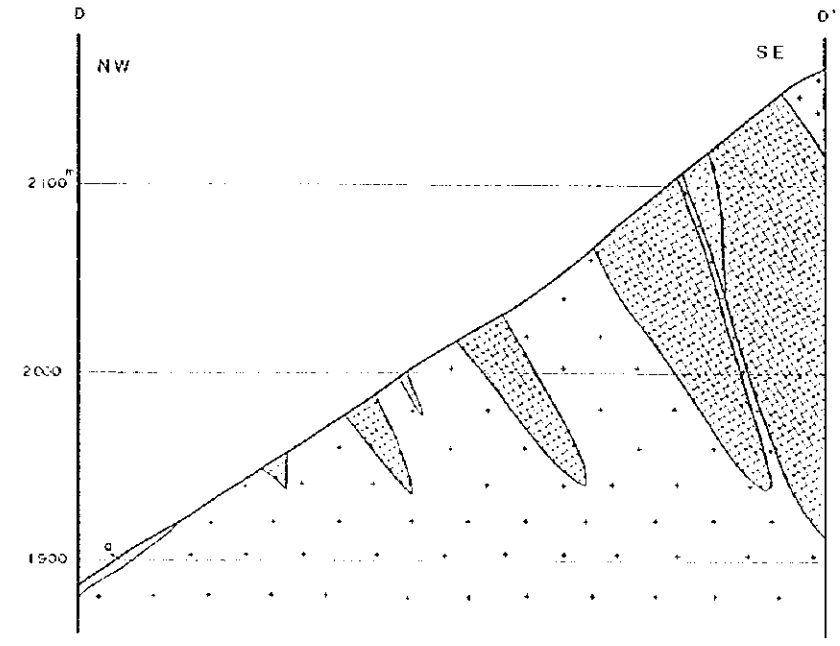
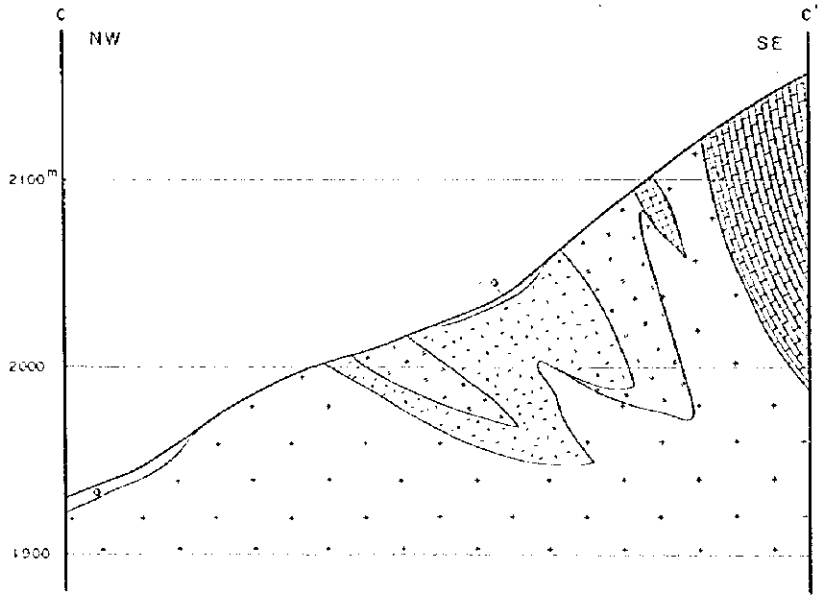
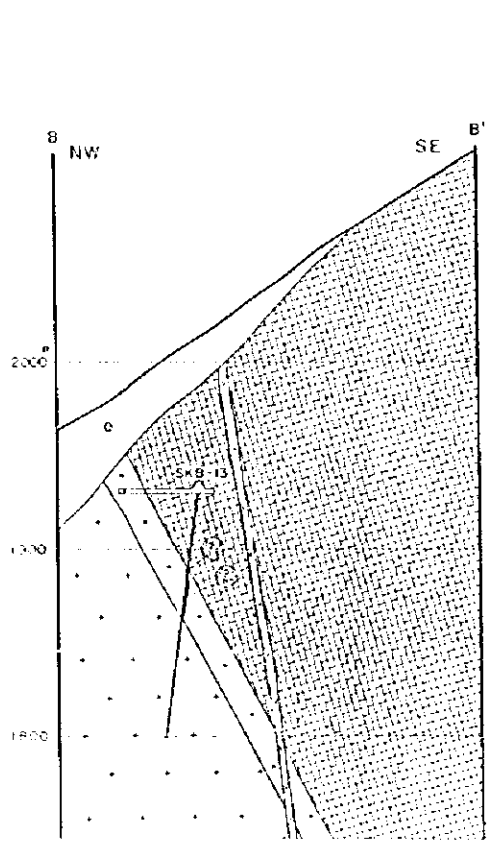
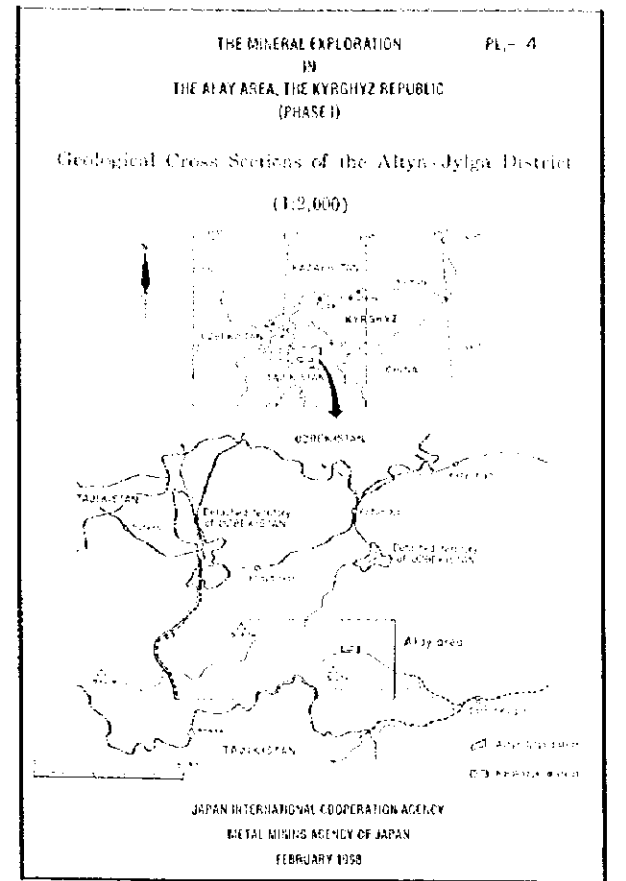
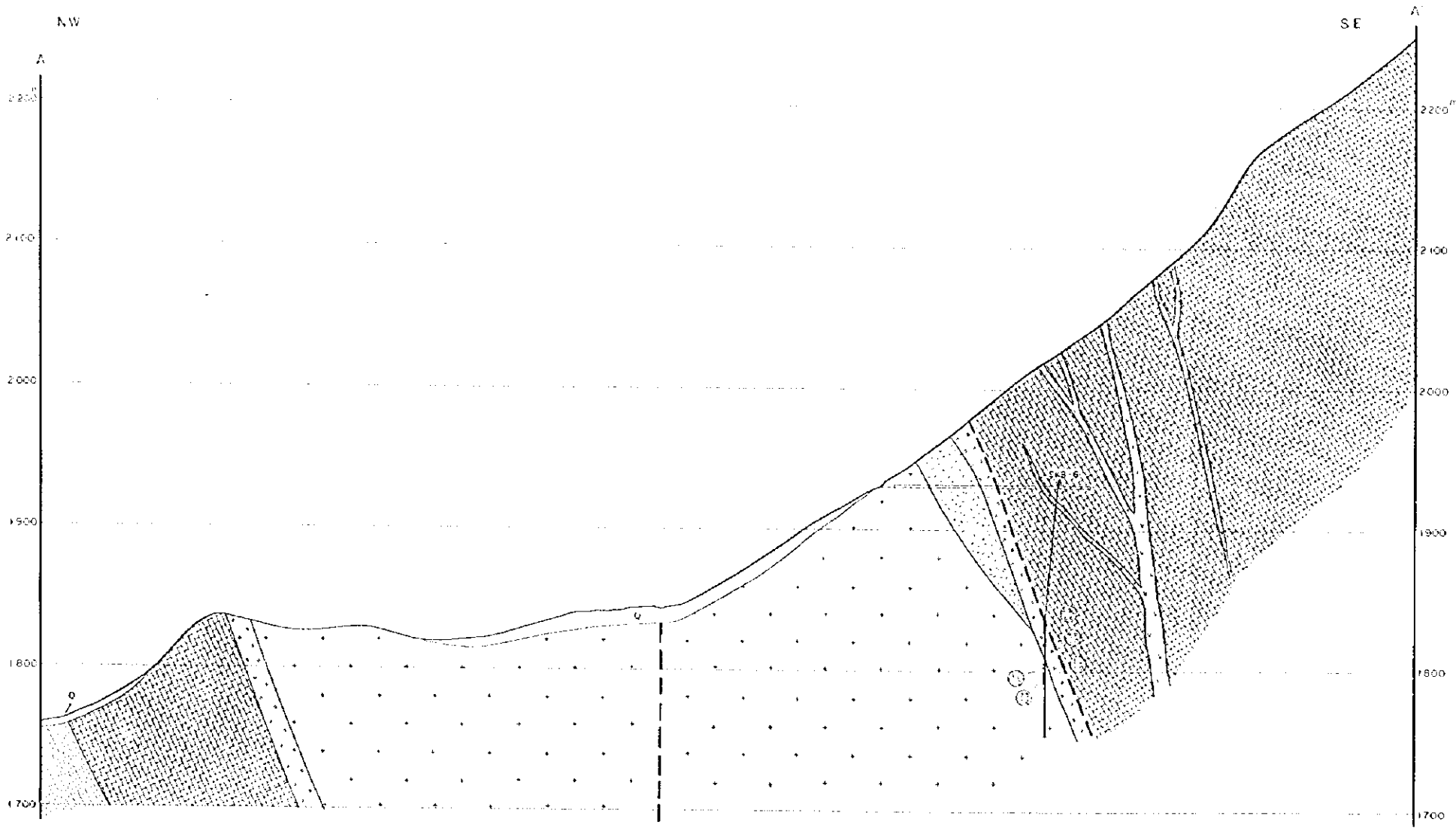
LEG

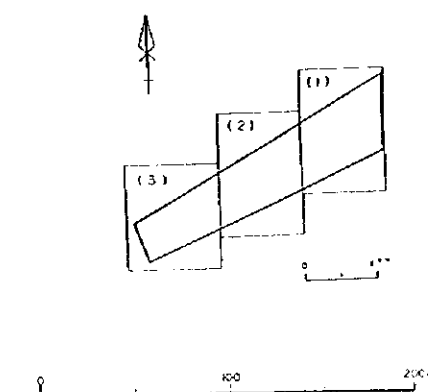
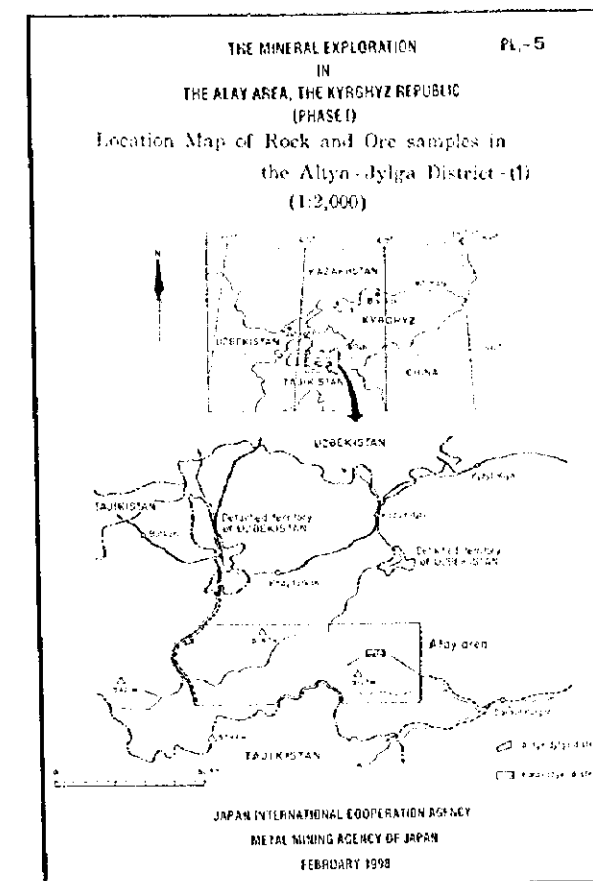
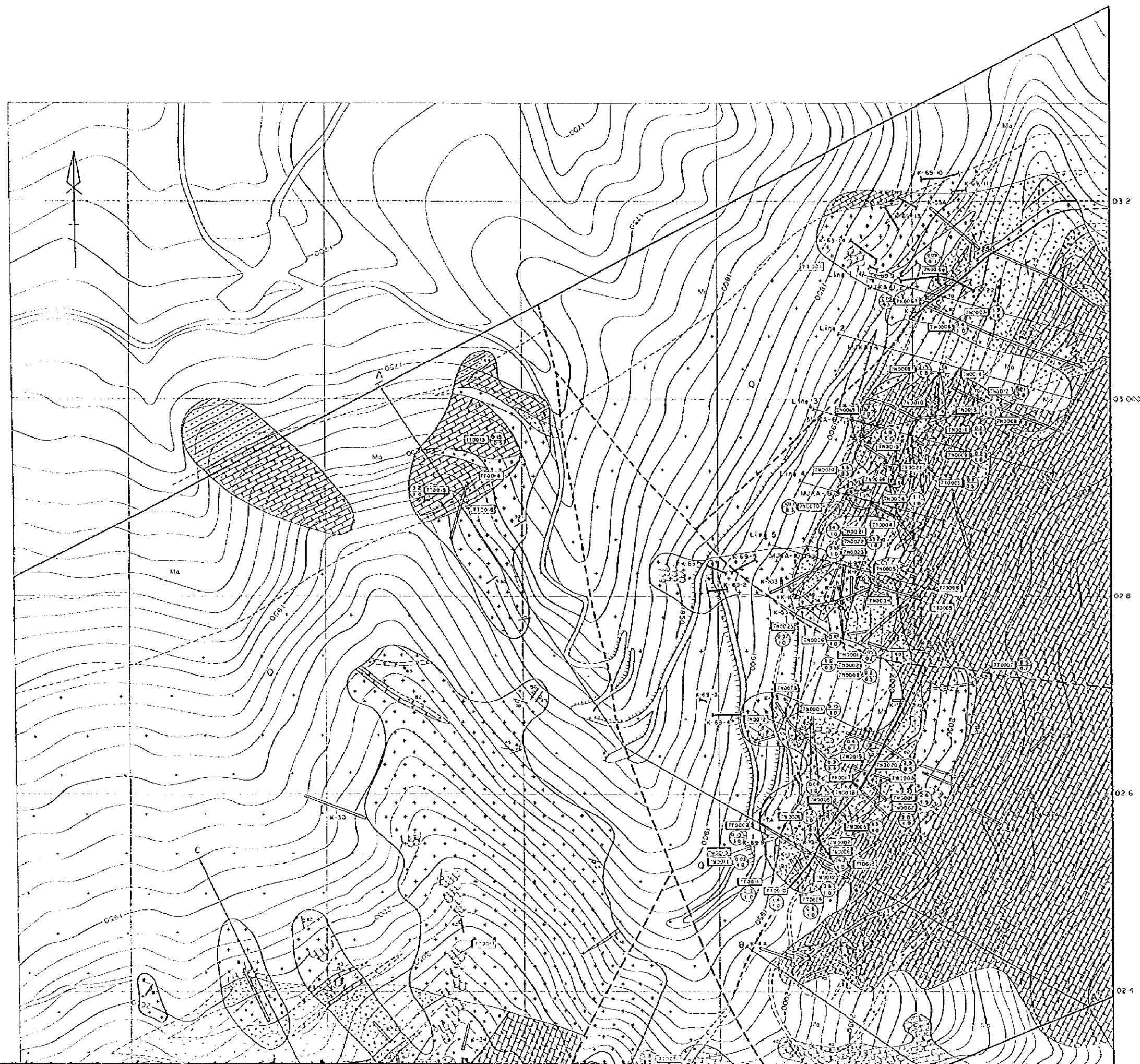
- Quaternary
- Devonian to Carboniferous
- Intrusive Rocks



LEGEND

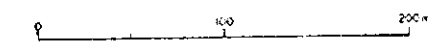
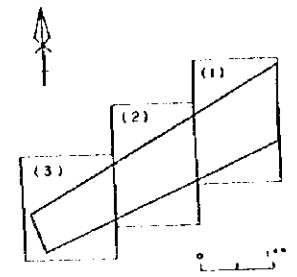
- | | | | |
|---------------------------|------|--------------------|------------------------------|
| Quaternary | Q | Talus | |
| Devonian to Carboniferous | (1) | Limestone, marble | |
| | (2) | Argillaceous slate | |
| Intrusive Rocks | (3) | Comphyre | |
| | (4) | Porphyry | |
| | (5) | Aplite | |
| | (6) | Granitic rock | |
| | (7) | Saen | |
| | (8) | Silicified skarn | |
| | (9) | Limonitization | |
| | (10) | Serpentinization | |
| | | / | Fault |
| | | / | Concealed and inferred fault |
| | ∩ | teading | |
| | ∩ | fracture, contact | |
| M2KA-1 | ○ | Drill hole | |
| | | Trench | |
| | ∩ | Adit | |





LEGEND

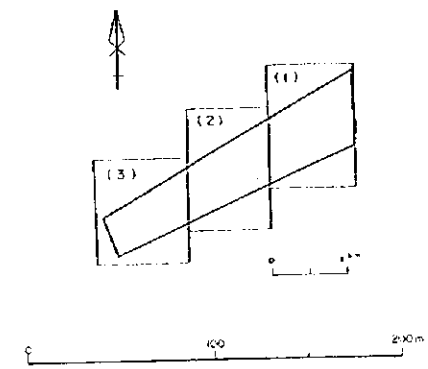
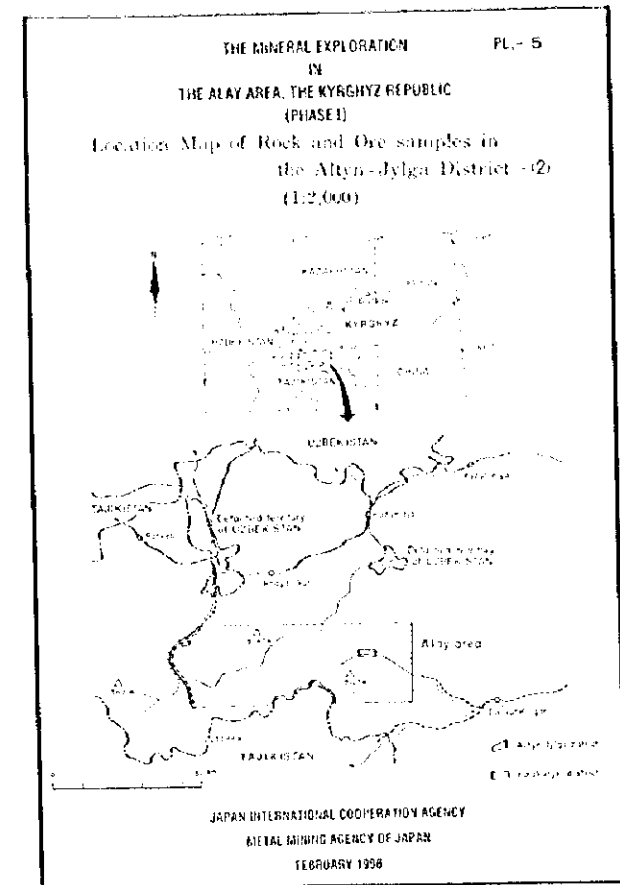
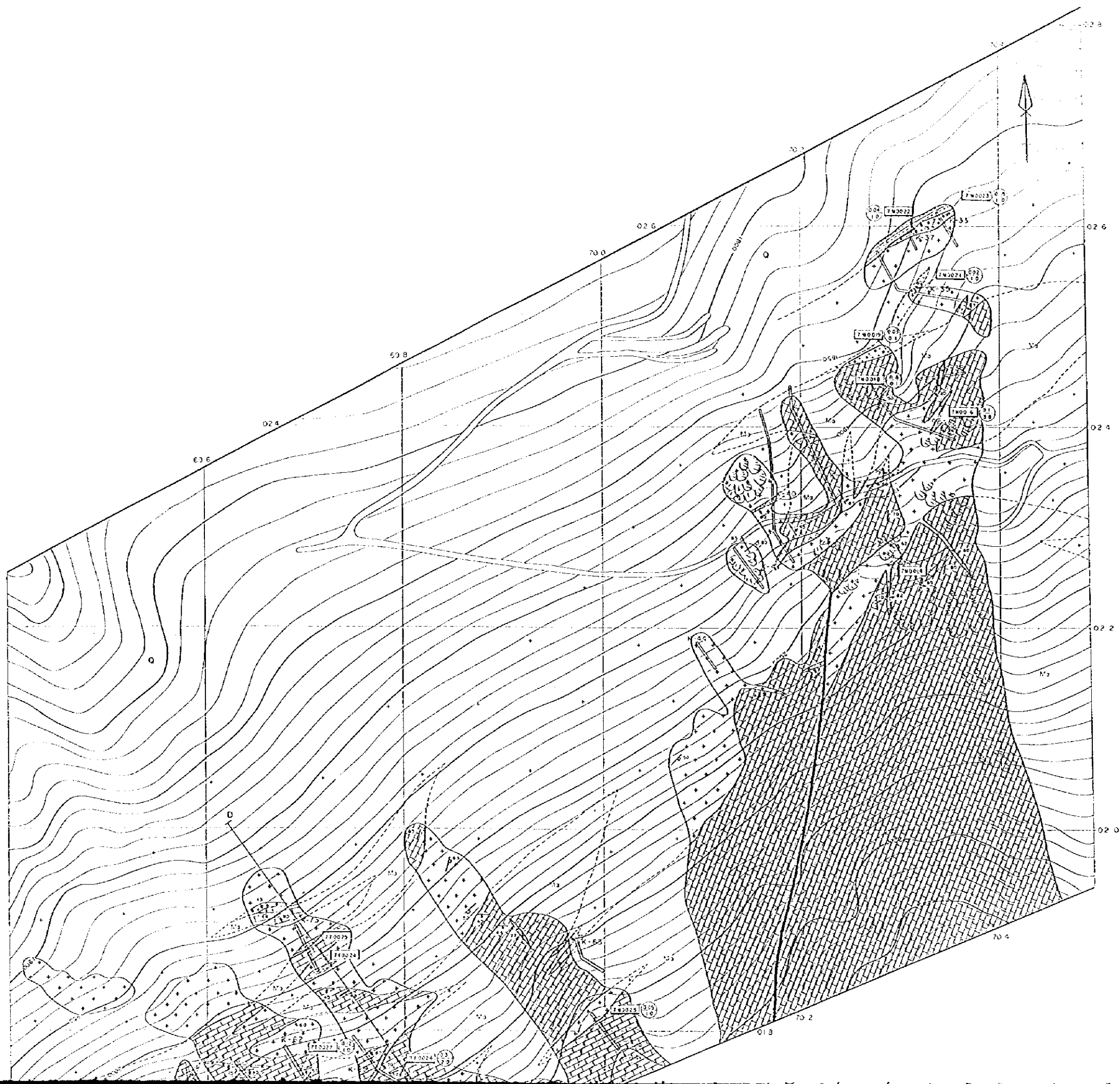
- | | | |
|---------------------------|-----------|--------------------|
| Quaternary | Q | Talus |
| Devonian to Carboniferous | [Pattern] | Limestone, marble |
| | [Pattern] | Argillaceous slate |
| Intrusive Rocks | [Pattern] | Lamprophyre |
| | [Pattern] | Porphyry |
| | [Pattern] | Aplite |
| | [Pattern] | Granitic rock |
| | [Pattern] | Skarn |
| | [Pattern] | Silicified skarn |
| | [Pattern] | Limonitization |



LEGEND

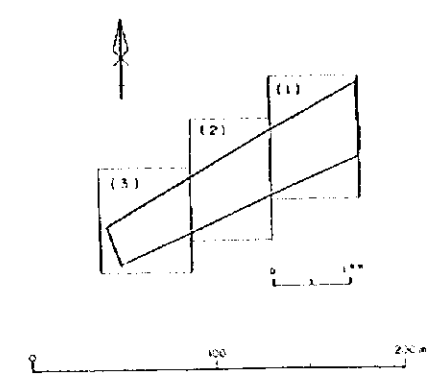
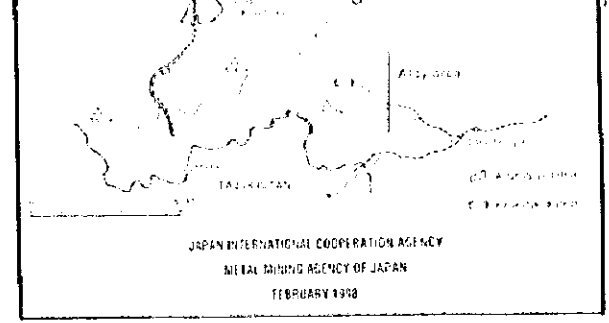
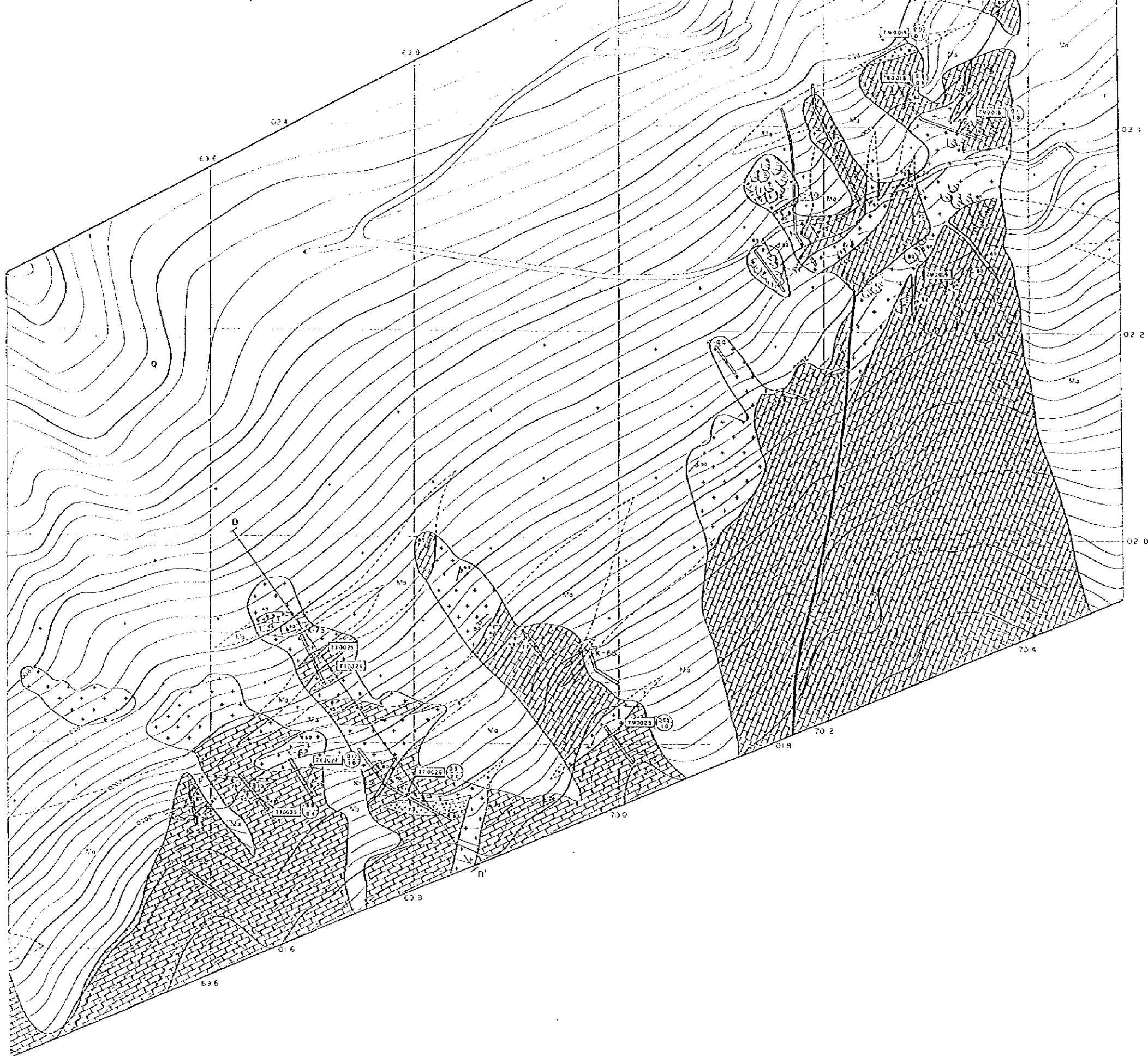
- | | | | |
|---------------------------|---|------------------------------|--|
| Quaternary | | Talus | |
| Devonian to Carboniferous | | Limestone, marble | |
| | | Argillaceous slate | |
| Intrusive Rocks | | Lamprophyre | |
| | | Porphyry | |
| | | Aplite | |
| | | Granitic rock | |
| | | Skarn | |
| | | Sulfidated skarn | |
| | | Limonitization | |
| | | Serpentinization | |
| | | Fault | |
| | | Concealed and inferred fault | |
| | bedding | | |
| | fissure, contact | | |
| | Drill hole | | |
| | Trench | | |
| | Adit | | |
| | Sample No | | |
| | This section | | |
| | Pelleted section | | |
| | Assay | | |
| | X ray diffraction analysis | | |
| | Homogenization temperature measurement of fluid inclusion | | |
| | Dating | | |
| | Au '9t width 'm | | |





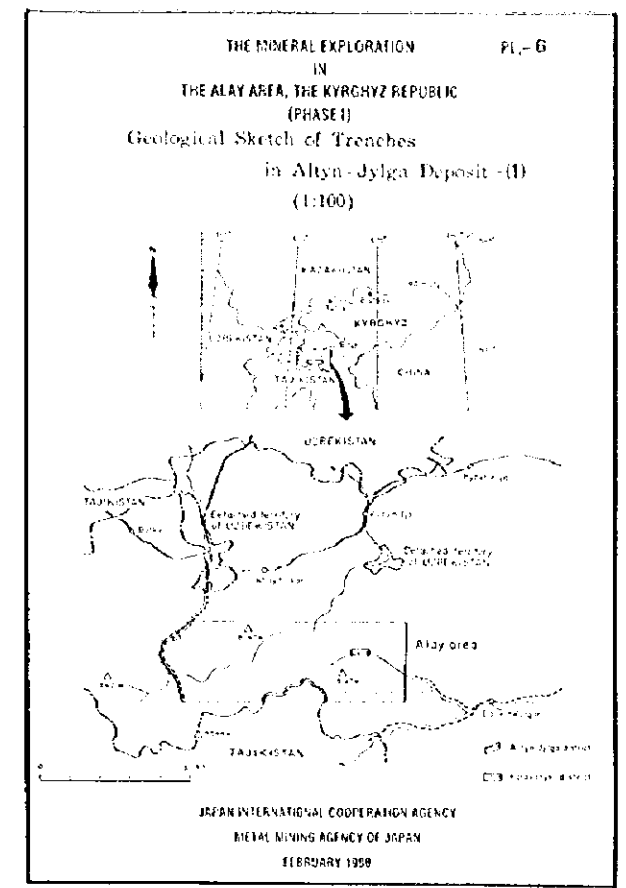
LEGEND

Quaternary		Talus
Devonian to Carboniferous		Limestone, marble
		Argillaceous slate
Intrusive Rocks		Lampophyre
		Porphyry
		Aplite
		Granitic rock
		Skarn
		Sill and dyke skarn
		Limonitization
		Sulfidization
		Fault



LEGEND

- | | | |
|---------------------------|--|------------------------------|
| Quaternary | | Talus |
| Devonian to Carboniferous | | Limestone, marble |
| | | Argillaceous slate |
| Intrusive Rocks | | Lamprophyre |
| | | Porphyry |
| | | Aplite |
| | | Granitic rock |
| | | Skarn |
| | | Silicified shorn |
| | | Limonitization |
| | | Serpentinization |
| | | Fault |
| | | Concealed and inferred fault |
| | bedding | |
| | fissure, contact | |
| | Drill hole | |
| | Trench | |
| | Adit | |
| | Sample No. | |
| | Thin section | |
| | Petrographic section | |
| | Assay | |
| | X-ray diffraction analysis | |
| | Homogeneous temperature measurement of fluid inclusion | |
| | Dating | |
| | Au, Ag within | |

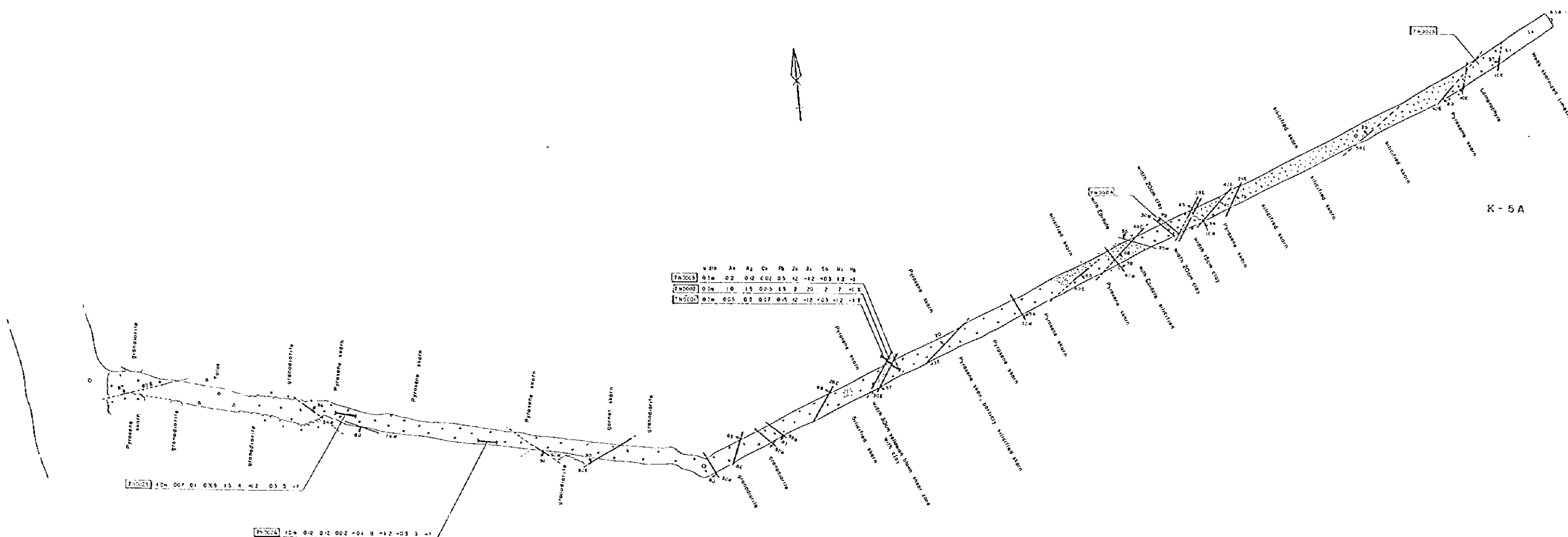


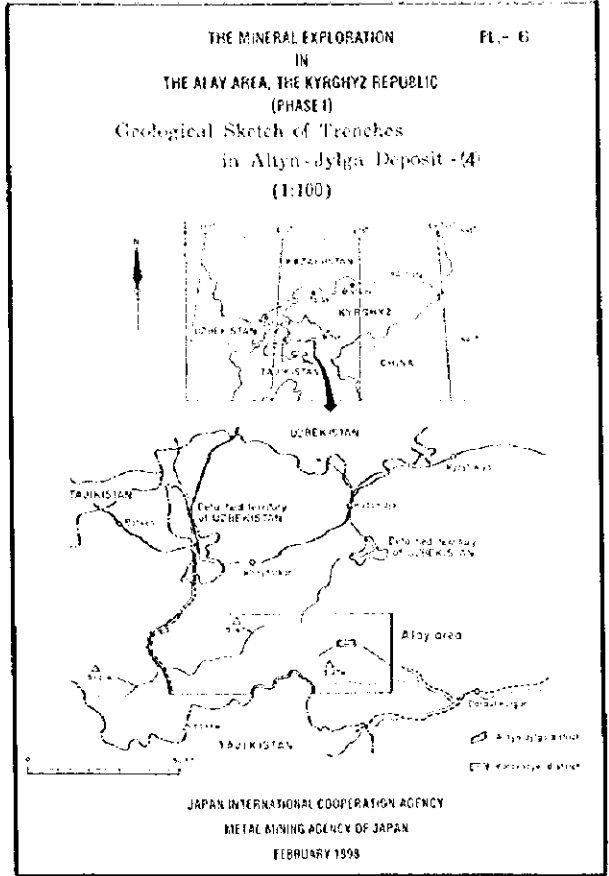
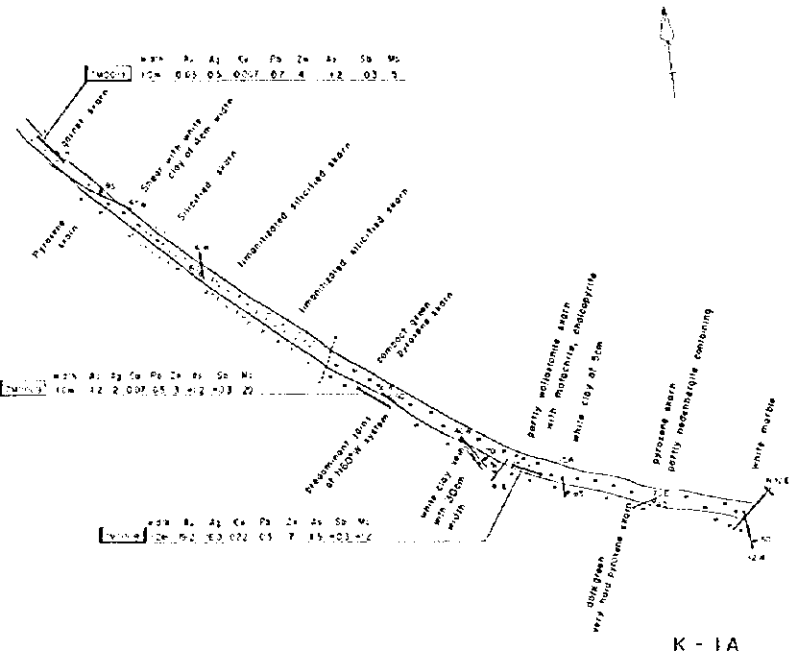
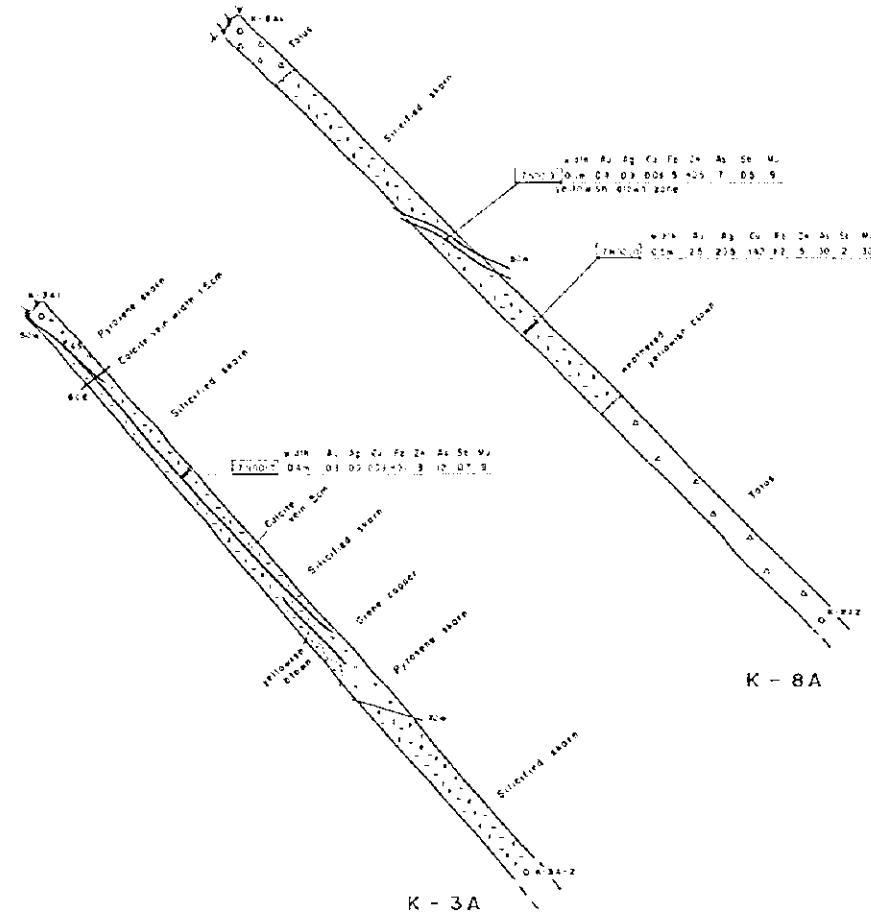
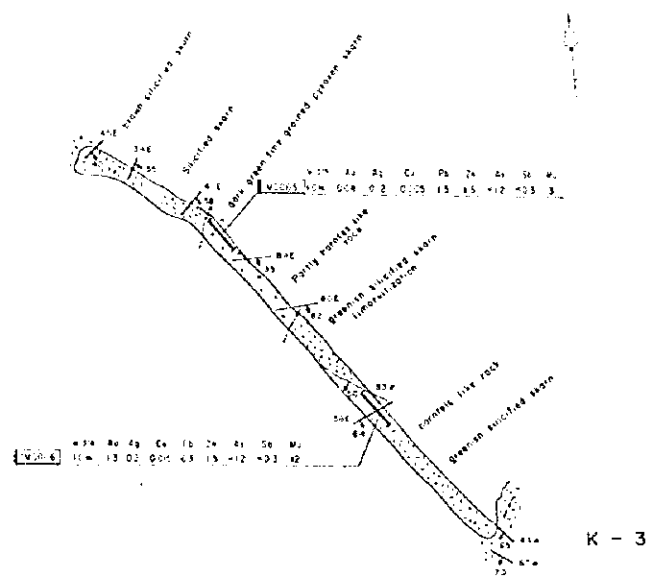
LEGEND

- Bedding
- Fault contact
- Sample No
- Thin section
- Polished section
- Assay
- X-ray diffraction analysis
- Homogenization temperature
- Inclusion content of fluid inclusion

Assay Result

Ag	Cu	Pb	Zn	As	Sb	Mo
8/t	8/t	%	10%	10%	10%	10%





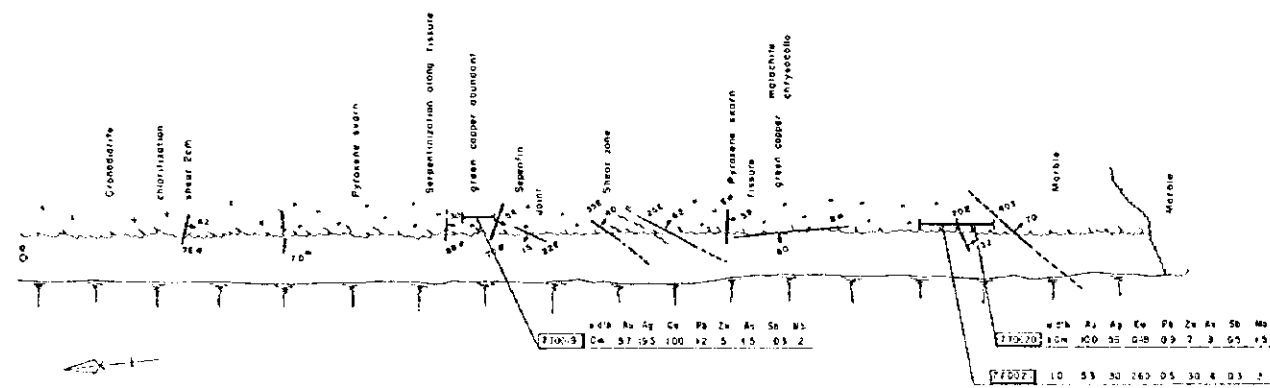
LEGEND

- bedding
- fissure, contact
- Sample No.
- Thin section
- Polished section
- Assay
- X-ray diffraction analysis
- Homogenization temperature measurement of fluid inclusion

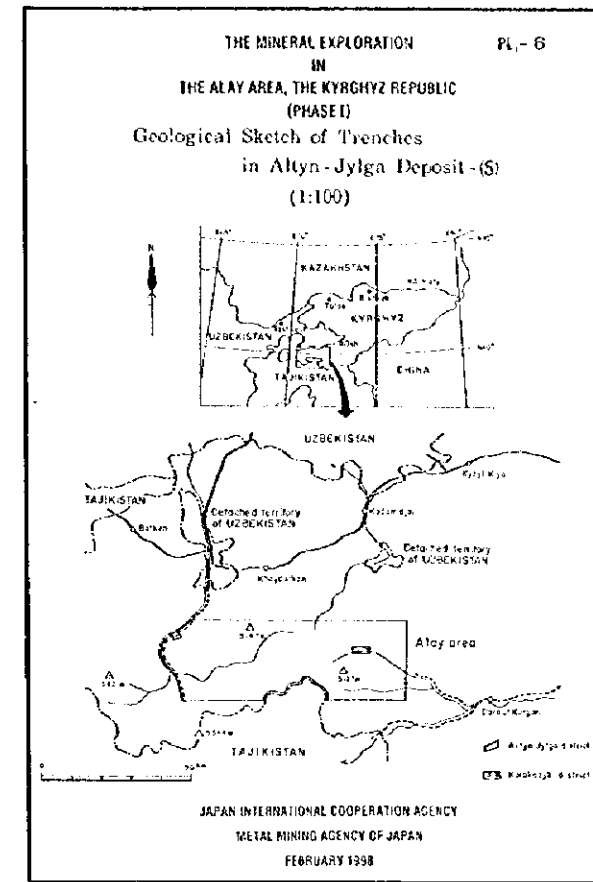
Assay Result

Au	Ag	Cu	Pb	Zn	As	Sb	Mo
9.4	9.4	%	10%	10%	10%	10%	10%

0 10m



K-23 (Western part)

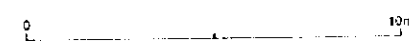


LEGEND

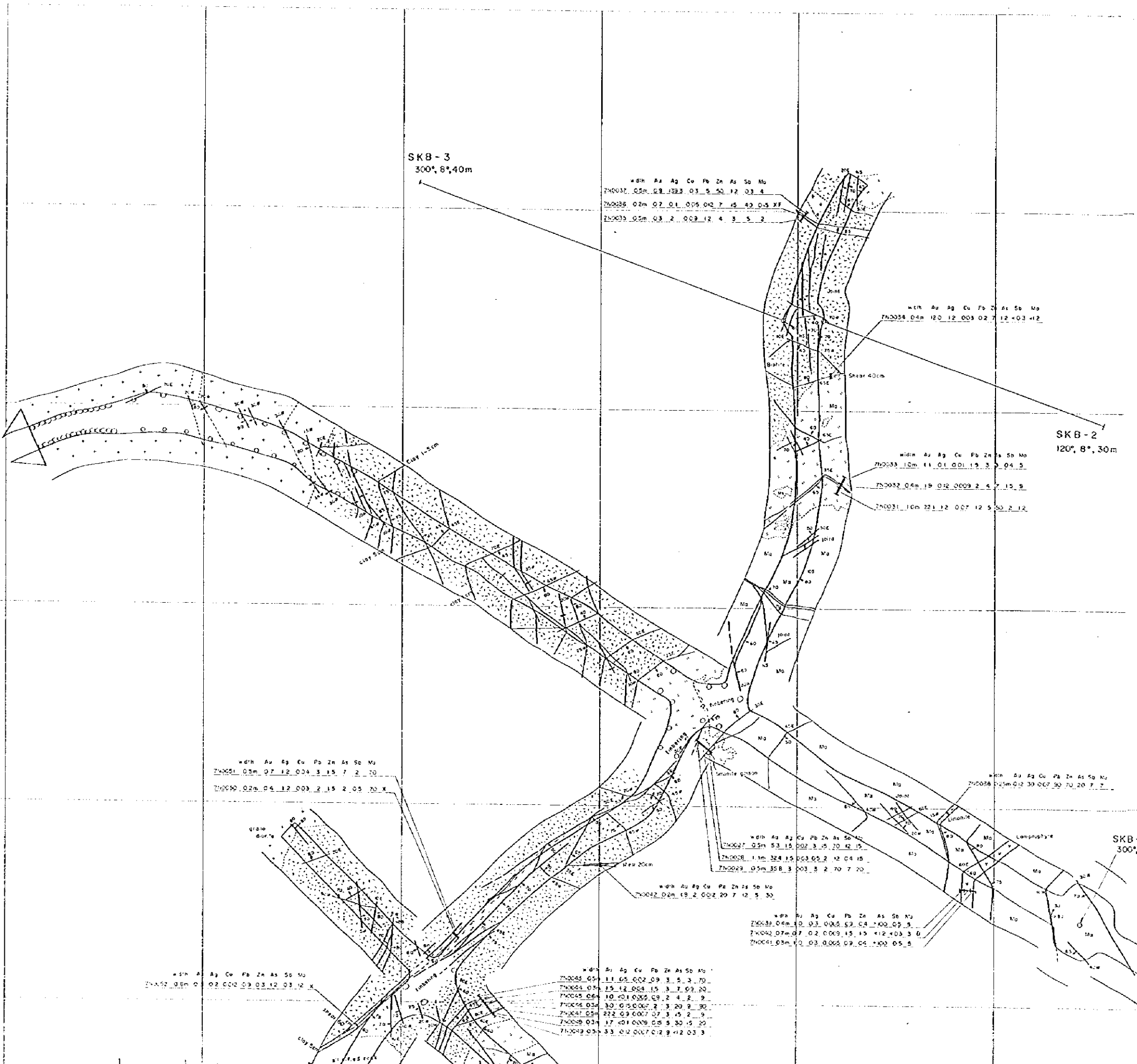
- bedding
- fissure, contact
- Sample No.
- Thin section
- Polished section
- Assay
- X ray diffraction analysis
- F : Homogenization temperature measurement of fluid inclusion

Assay Result

Au	Ag	Cu	Pb	Zn	As	Sb	Ni
g/t	g/t	%	%	%	%	%	%



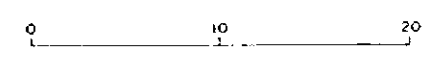
2600
2580
2560
2540
2520
2500



width	Au	Ag	Cu	Pb	Zn	As	Sb	Mo
740030 0.2m	0.2	0.1	0.05	0.2	7.45	4.9	0.5	3.7
740035 0.2m	0.3	2.0	0.03	1.2	4.3	5.2		
740034 0.4m	12.0	1.2	0.03	0.2	7.12	4.03	4.12	
740033 1.0m	11.0	0.1	0.01	1.5	3.0	0.4	5.5	
740032 0.4m	1.9	0.12	0.003	2.4	7.15	9.5		
740031 1.0m	22.1	1.2	0.07	1.2	5.50	2.12		
740051 0.2m	0.7	1.2	0.04	3.15	7.2	2.70		
740050 0.2m	0.4	1.2	0.03	2.15	2.05	7.0		
740027 0.2m	5.3	1.5	0.02	3.5	7.0	4.2	1.5	
740028 1.1m	32.4	1.5	0.03	0.2	1.2	0.4	1.5	
740029 0.5m	35.8	3.3	0.03	5.2	7.0	7.70		
740012 0.2m	19.2	0.02	2.9	7.12	5.50			
740039 0.4m	0.3	0.003	5.7	4.0	0.9			
740042 0.7m	0.7	0.2	0.009	1.5	4.12	4.03	3.0	
740041 0.5m	0.3	0.003	0.9	0.4	4.00	0.5	5.5	
740045 0.5	1.1	0.5	0.02	2.9	3.5	3.70		
740041 0.7	1.5	1.2	0.03	1.5	3.7	0.9	2.0	
740045 0.6	1.0	0.1	0.05	0.9	2.4	2.9		
740046 0.3	3.0	0.5	0.007	3.5	2.0	3.30		
740047 0.5	27.2	0.3	0.007	3.3	4.5	2.9		
740028 0.3	1.7	4.1	0.008	0.5	3.30	5.20		
740049 0.3	3.3	0.2	0.007	0.2	9.4	0.3	3.3	

THE MINERAL EXPLORATION
IN
THE ALAY AREA, THE KYRGHYZ REPUBLIC
(PHASE I)
Geological Sketch of 1930ml. Adit
in Altyn-Jylga Deposit
(1:200)

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1993

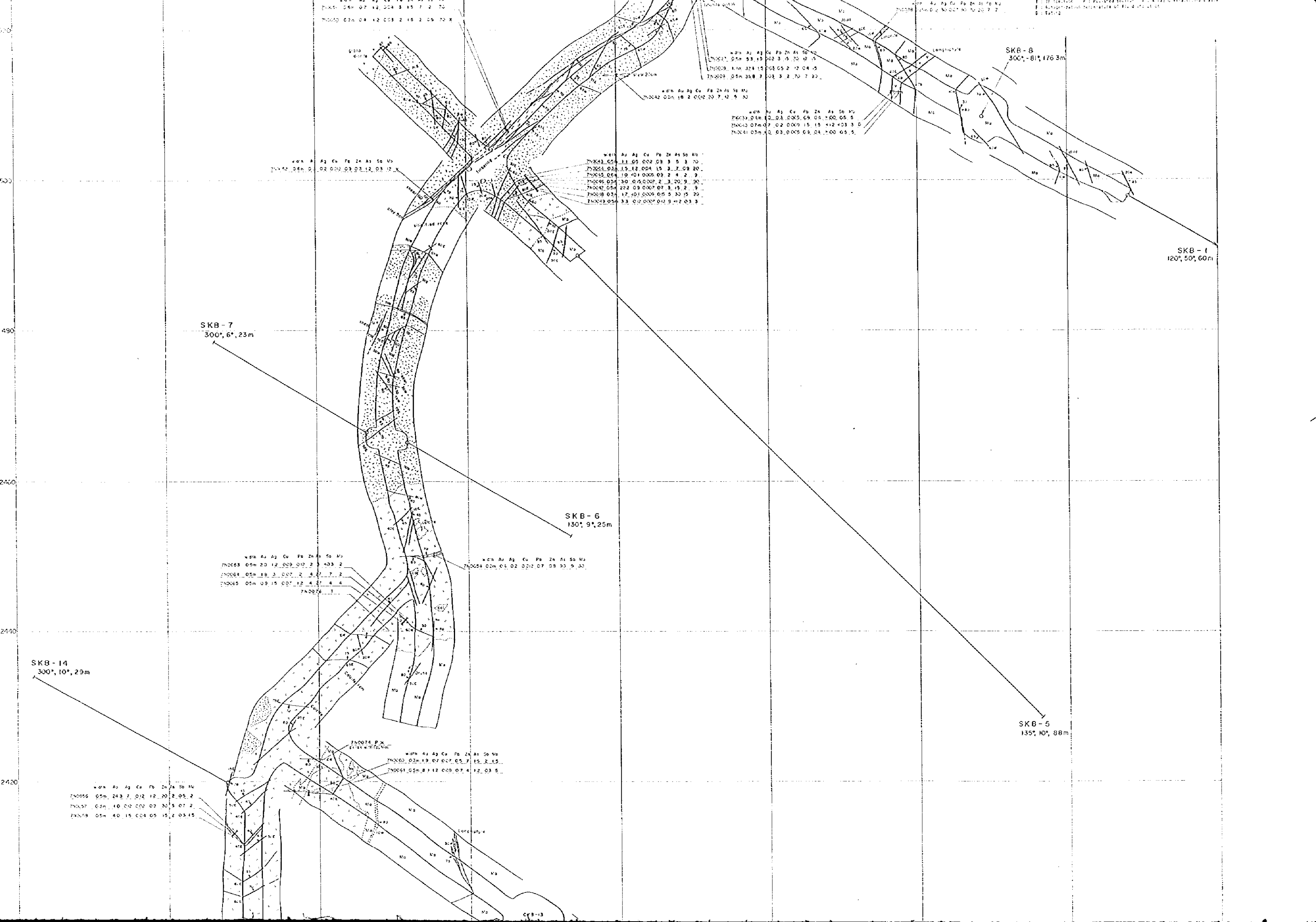


LEGEND

- Marble
- Skarn
- Silicified skarn
- Garnet
- Amphibolite
- Granodiorite
- fissure, contact
- sheared zone

Sample No. width Au Ag Cu Pb Zn As Sb Mo
740037 0.2m 0.7 1.2 0.04 3.15 7.2 2.70

E: To horizon P: Published section L: X-ray diffraction analysis
F: Mineralization temperature of fluid inclusion
D: Biting



width Au Ag Cu Pb Zn As Sb Mo
 72001 05m 07 12 004 8 15 7 2 70

width Au Ag Cu Pb Zn As Sb Mo
 72021 05m 93 15 102 3 15 20 12 15
 72022 05m 324 15 168 65 2 12 04 15
 72023 05m 358 3 103 3 2 70 7 20

width Au Ag Cu Pb Zn As Sb Mo
 72042 05m 18 2 002 20 7 12 5 10

width Au Ag Cu Pb Zn As Sb Mo
 72031 05m 0 03 005 69 05 100 05 5
 72032 07m 07 02 009 15 15 12 03 5 0
 72041 05m 0 03 005 69 04 100 05 5

width Au Ag Cu Pb Zn As Sb Mo
 72043 05m 11 05 002 03 3 5 3 70
 72051 05m 15 12 004 15 3 7 09 20
 72052 05m 10 01 005 09 3 4 2 9
 72045 05m 10 05 007 2 3 20 9 30
 72042 05m 22 09 007 07 3 15 2 9
 72058 05m 17 01 009 05 5 30 15 20
 72049 05m 3 3 010 007 04 9 12 03 5

width Au Ag Cu Pb Zn As Sb Mo
 72047 05m 0 02 004 03 03 12 03 12 3

SKB-7
 300°, 6°, 23m

SKB-6
 130°, 9°, 25m

SKB-8
 300°, 81°, 176 3m

SKB-1
 120°, 50°, 60m

width Au Ag Cu Pb Zn As Sb Mo
 72063 05m 20 12 009 012 2 403 2
 72064 05m 18 3 007 2 4 07 7 2
 72065 05m 09 15 007 12 4 07 4 4
 720076 7

width Au Ag Cu Pb Zn As Sb Mo
 72054 02m 01 02 012 07 09 30 9 30

SKB-14
 300°, 10°, 29m

SKB-5
 135°, 10°, 88m

width Au Ag Cu Pb Zn As Sb Mo
 72002 03m 19 07 007 05 7 15 2 15
 72001 05m 8 12 008 07 4 12 03 5

width Au Ag Cu Pb Zn As Sb Mo
 72056 05m 243 7 012 12 20 2 05 2
 72057 05m 10 012 002 02 30 5 07 2
 72058 05m 40 15 004 05 15 2 03 15

SKB-5
135°, 10°, 68m

	As	Ag	Cu	Pb	Zn	Fe	Sb	Mo
240056	0.5m	24.8	7	0.12	12	20	2	0.5
240057	0.5m	10	0.2	0.02	0.9	3.3	5	0.7
240058	0.5m	10	1.5	0.04	0.5	1.5	2	0.3

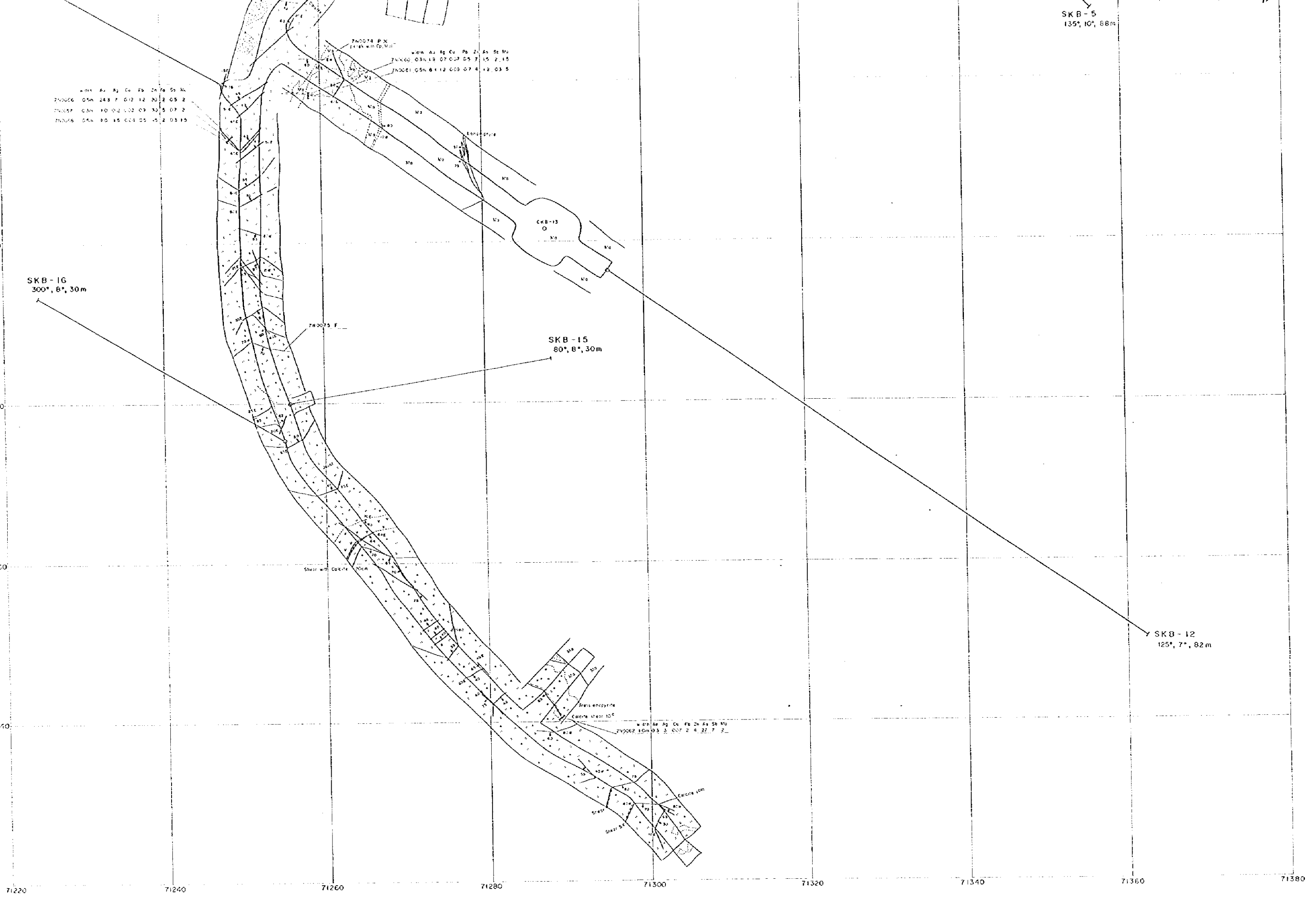
	As	Ag	Cu	Pb	Zn	Fe	Sb	Mo
240074 P.X.								
240074	0.5m	1.9	0.7	0.07	0.5	7	1.5	2.1
240081	0.5m	8	1.2	0.03	0.7	4	1.2	0.3

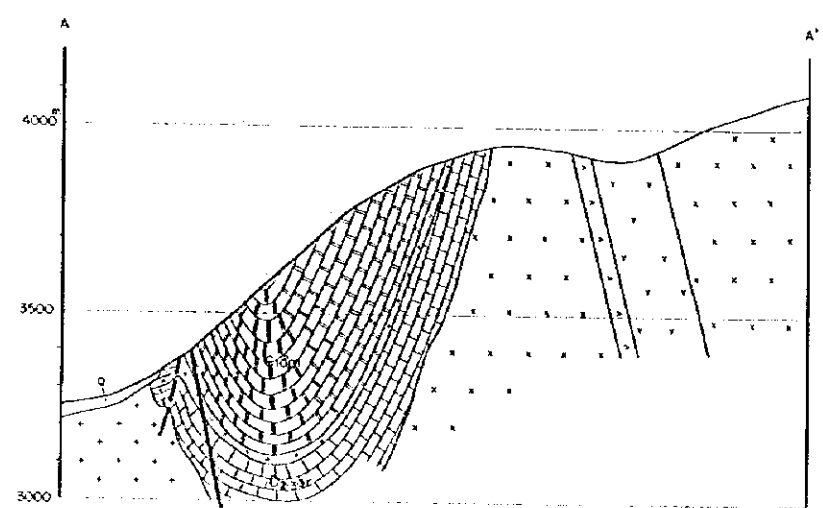
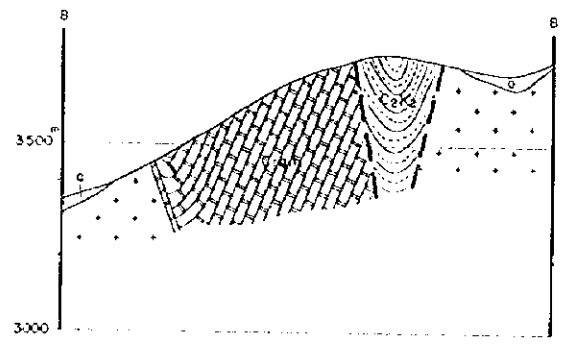
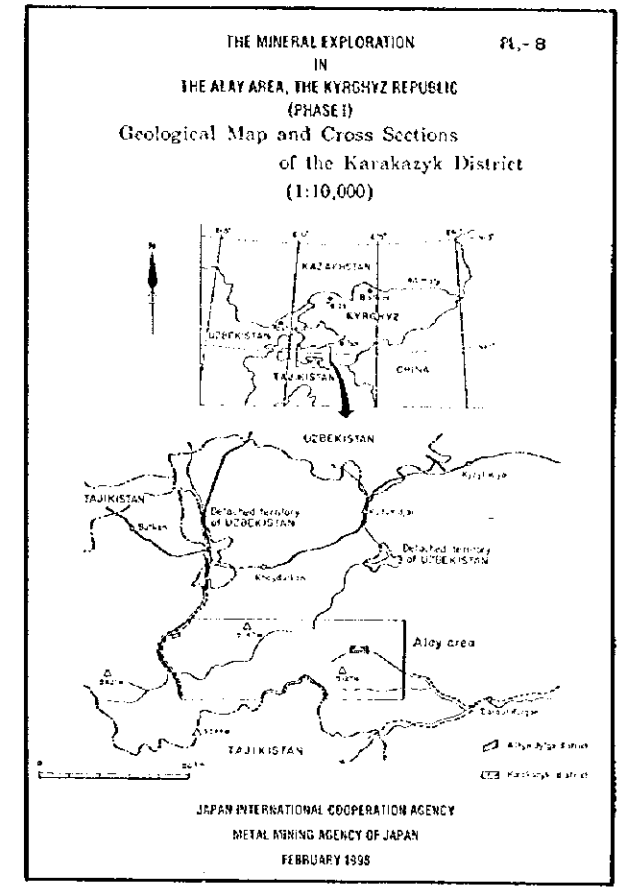
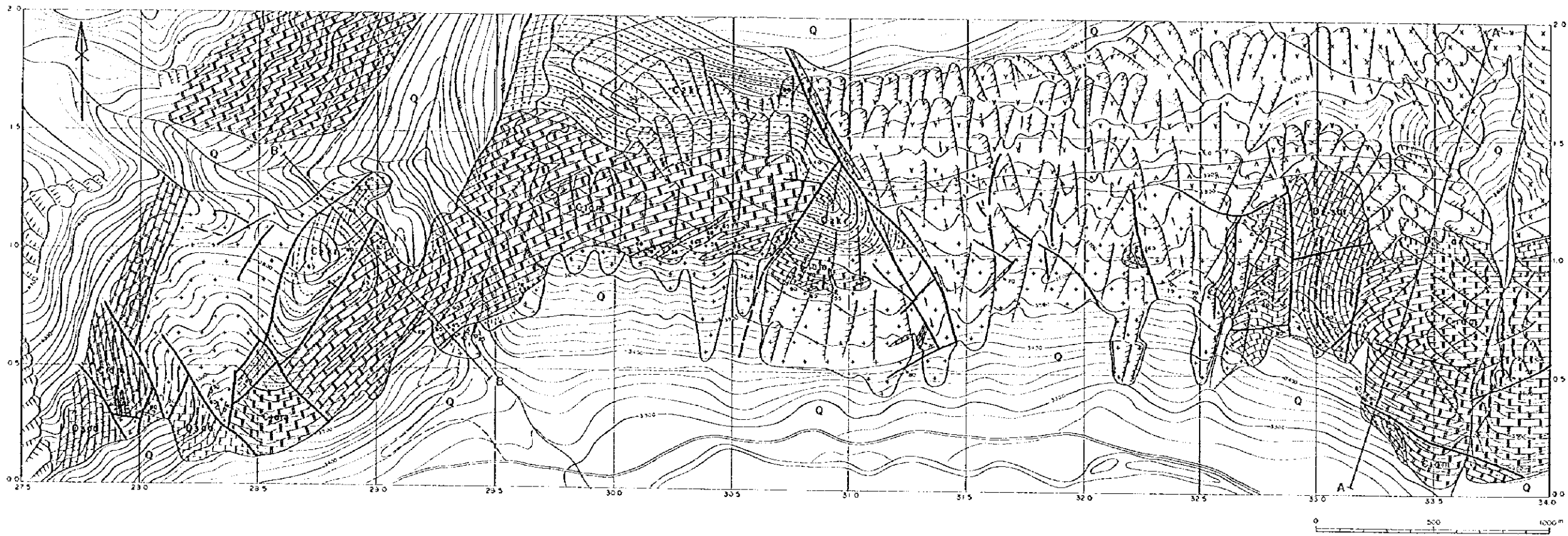
	As	Ag	Cu	Pb	Zn	Fe	Sb	Mo
240062	1.6m	0.3	0.07	2	4	22	7	2

SKB-16
300°, 6°, 30m

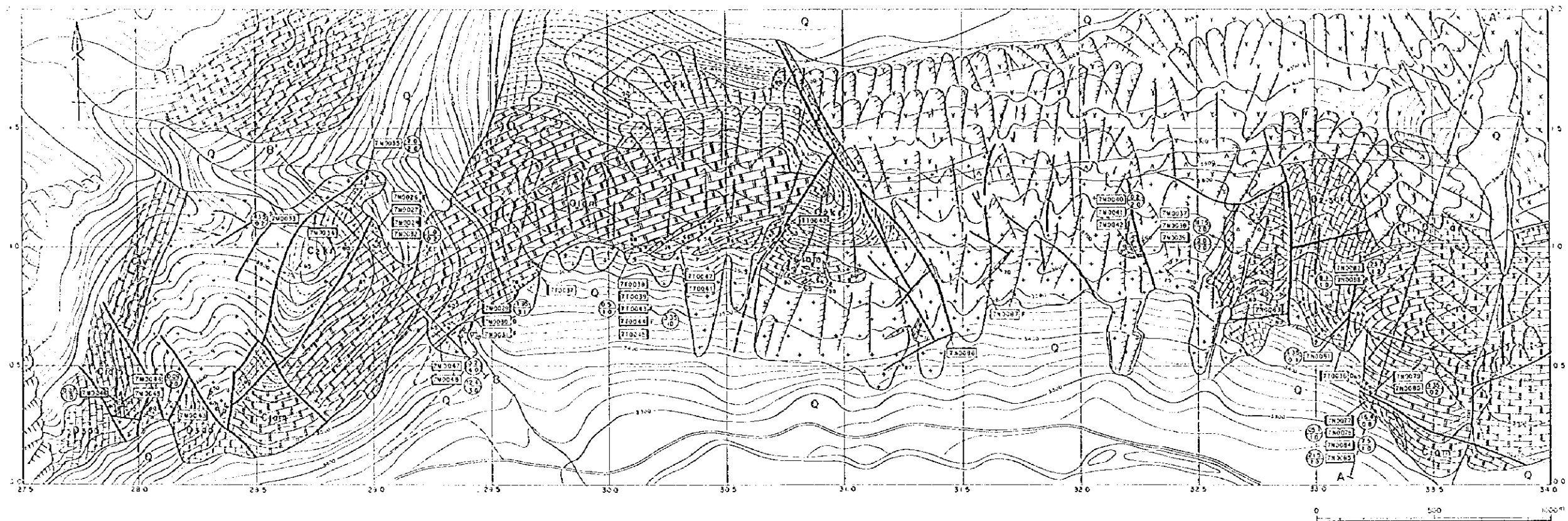
SKB-15
80°, 6°, 30m

SKB-12
125°, 7°, 82m





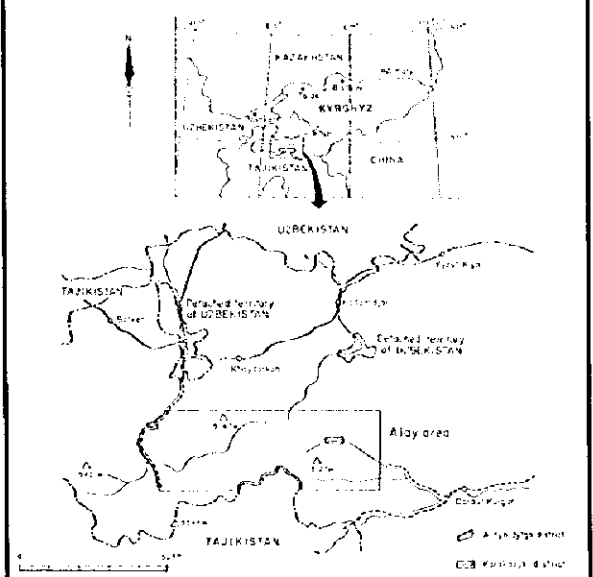
- LEGEND**
- Quaternary Q Talus
 - Carboniferous
 - Karakazyk Em K Sandstone, shale
 - Ayalmin Em A Marble
 - Alpalyk Em E Limestone, Marble
 - Intrusive Rocks
 - Utukkol complex U Lamprophyre
 - S Syenite
 - M Monzonite
 - Karakazyk complex K Granodiorite
 - S Skarn
 - F Fractured zone
 - B Brecciated Rock
 - Fault
 - Fissure



LEGEND

- Quaternary Q Talus
- Carboniferous C
- Karatasay fm K Sandstone, shale
- Bystun fm B Marble
- Alpalyk fm A Limestone, Marble
- Intrusive Rocks
- Muskat complex M Lamprophyre
- S Syenite
- M Monzonite
- Karakazyk complex K Granodiorite
- S Sborn
- F Fractured zone
- B Brecciated Rock
- / Fault
- Fissure

THE MINERAL EXPLORATION
IN
THE ALAY AREA, THE KYRGHYZ REPUBLIC
(PHASE I)
Location Map of Rock and Ore Samples
in the Karakazyk District
(1:10,000)



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1998

- TND0001 : Sample No.
- T : Thin section
- P : Polished section
- A : Assay
- X : X-ray diffraction analysis
- F : Homogenization temperature measurement of fluid inclusion
- D : Dating
- 0.1 : Au (g) width (mm)

JICA