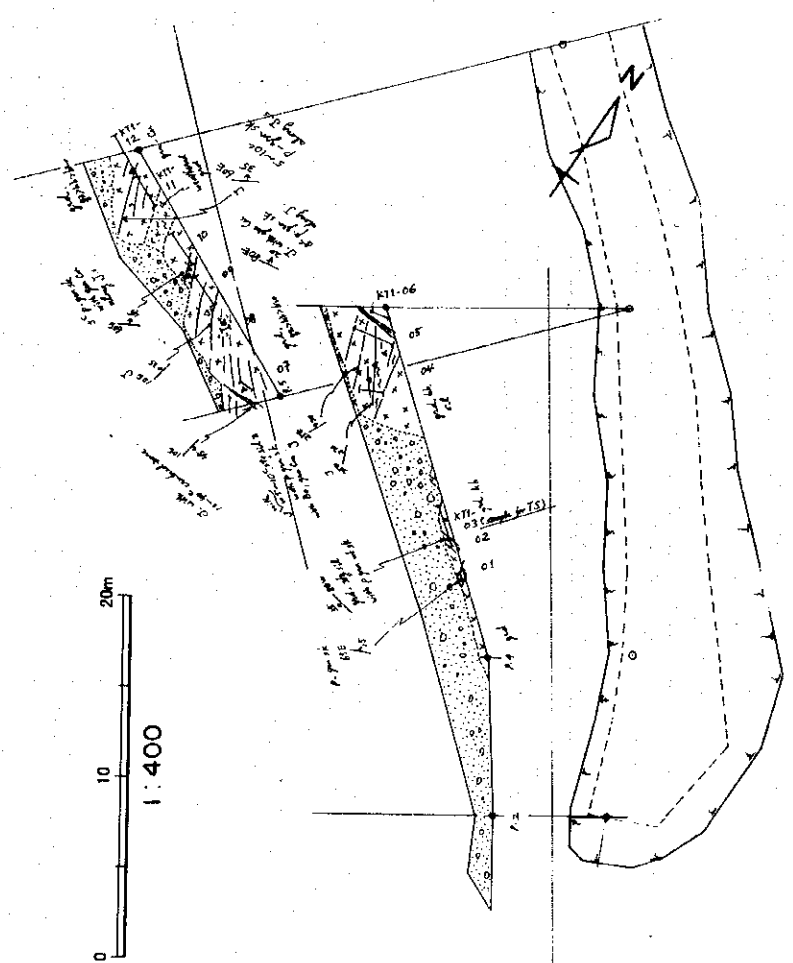


LEGEND

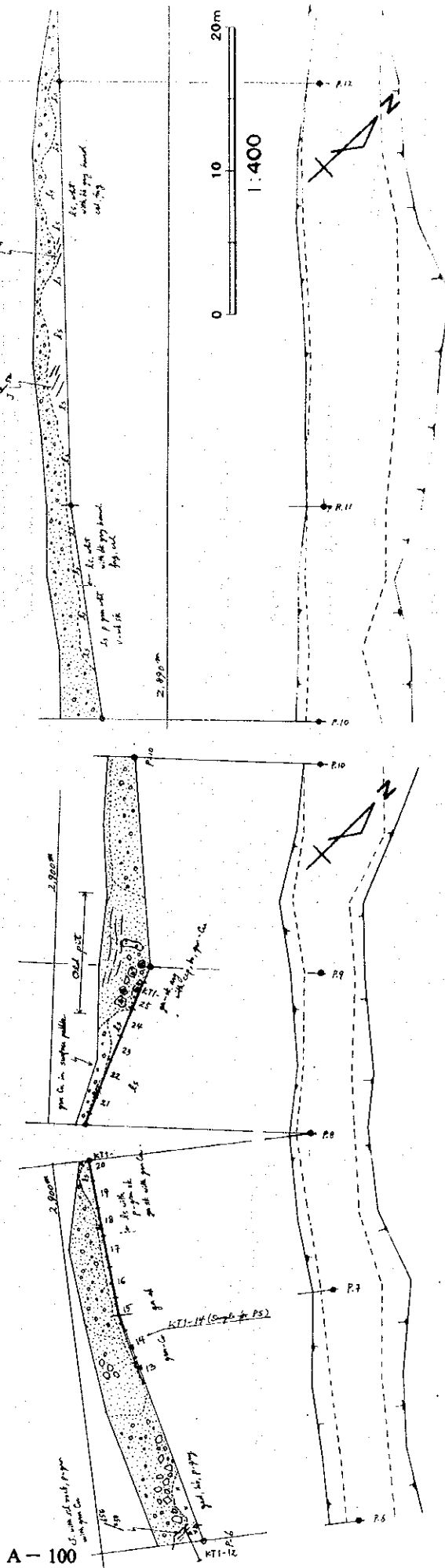
- Detritus
  - △ Ore impregnation
  - ls Limestone
  - X Granodiorite porphyry
  - || Skarn
  - ∕ Joint, fracture
  - ∕ Sheared zone
- △ Locality and number of channel samples  
KT1-06



sample No.	Wd. m	Au ppm	Ag ppm	Cu %/Pb ppm	Zn ppm	Mn ppm	As ppm	Strepn
KT 1 1	0.3	0.17	<0.5	0.02	1.4	12	0.4	28 <1.3
KT 1 2	0.4	0.28	0.6	0.04	15	24	0.5	5 <1.3
KT 1 3	2.1	0.16	2.1	0.09	19	19	2.7	8 1.0
KT 1 4	1.3	1.29	3.3	0.22	35	40	1.2	16 <1.3
KT 1 5	2.2	0.06	0.8	0.06	20	30	2.8	11 <1.3
KT 1 6	1.0	0.05	<0.5	0.04	40	38	3.1	7 <1.3
KT 1 7	0.7	0.22	1.4	0.12	29	31	1.7	12 <1.3
KT 1 8	0.5	0.35	3.2	0.16	52	24	2.2	14 <1.3
KT 1 9	1.8	0.13	1.2	0.05	26	33	1.6	5 <1.3
KT 1 10	2.0	0.04	<0.5	0.02	24	37	0.9	5 <1.3
KT 1 11	1.9	0.13	1.8	0.14	25	41	1.8	17 <1.3
KT 1 12	2.5	0.04	8.9	0.65	44	28	2.3	20 <1.3

Appendix 12 (1) Geological Sketch of Trench I (1/2)

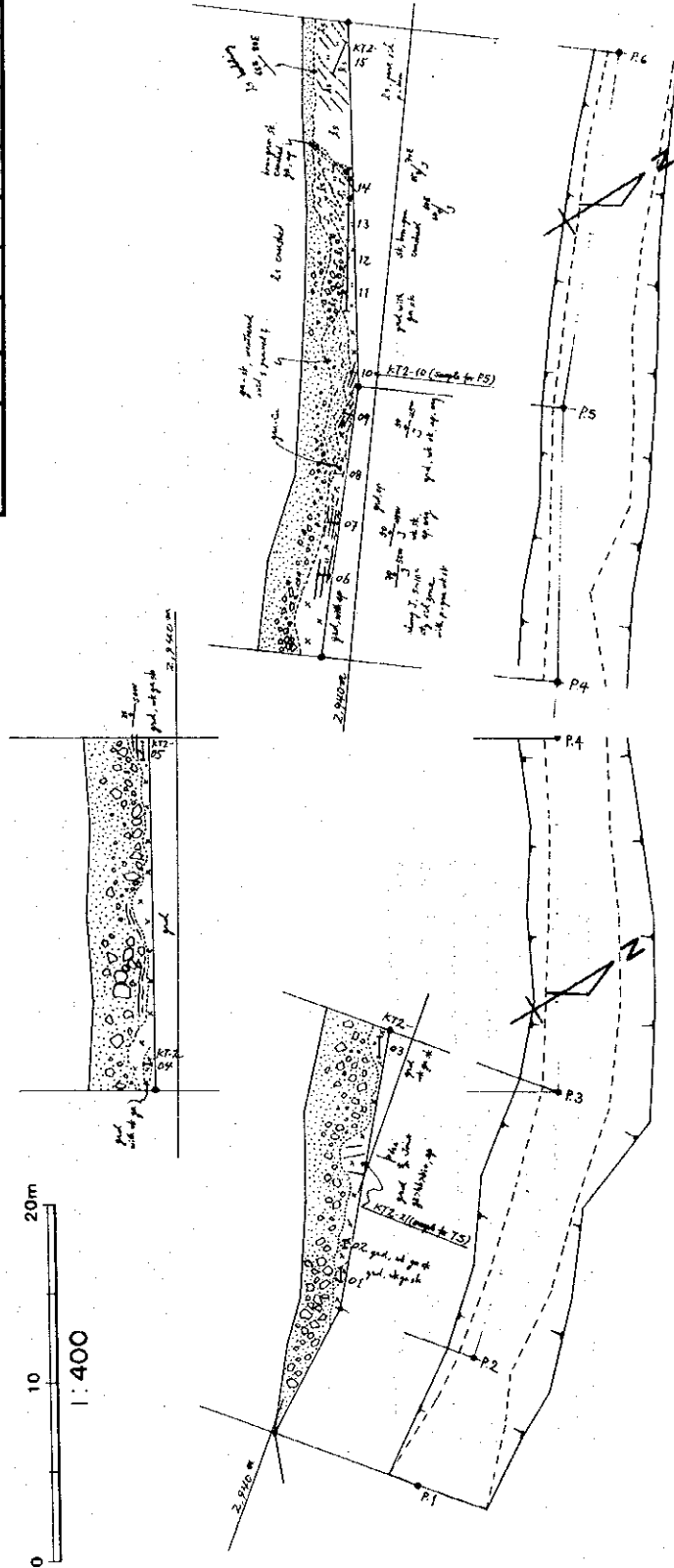
Sample No.	Wd. m	Au, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mn, ppm	As, ppm	Sb, ppm
KT 1 13	2.0	0.05	<0.5	0.06	5	13	0.3	29	<1.3
KT 1 14	2.0	0.39	1.6	0.48	5	22	0.3	31	<1.3
KT 1 15	2.1	<0.03	<0.5	0.01	4	15	<0.3	27	<1.3
KT 1 16	2.0	<0.03	<0.5	0.03	5	29	<0.3	16	<1.3
KT 1 17	2.0	<0.03	<0.5	0.02	7	12	0.3	33	<1.3
KT 1 18	2.0	0.04	<0.5	0.28	5	9	0.6	18	<1.3
KT 1 19	2.0	<0.03	<0.5	0.02	4	5	0.3	5	<1.3
KT 1 20	2.0	0.12	1.1	0.08	4	7	<0.3	10	<1.3
KT 1 21	2.0	0.05	1.3	0.10	5	8	<0.3	12	<1.3
KT 1 22	2.1	0.19	9.6	0.70	9	8	1.3	8	<1.3
KT 1 23	1.8	0.04	<0.5	0.02	3	12	4.8	8	<1.3
KT 1 24	2.1	0.04	<0.5	0.01	5	13	0.4	8	<1.3
KT 1 25	2.0	0.14	0.6	0.24	8	28	2.6	45	<1.3



Appendix 12 (2) Geological Sketch of Trench I (2/2)

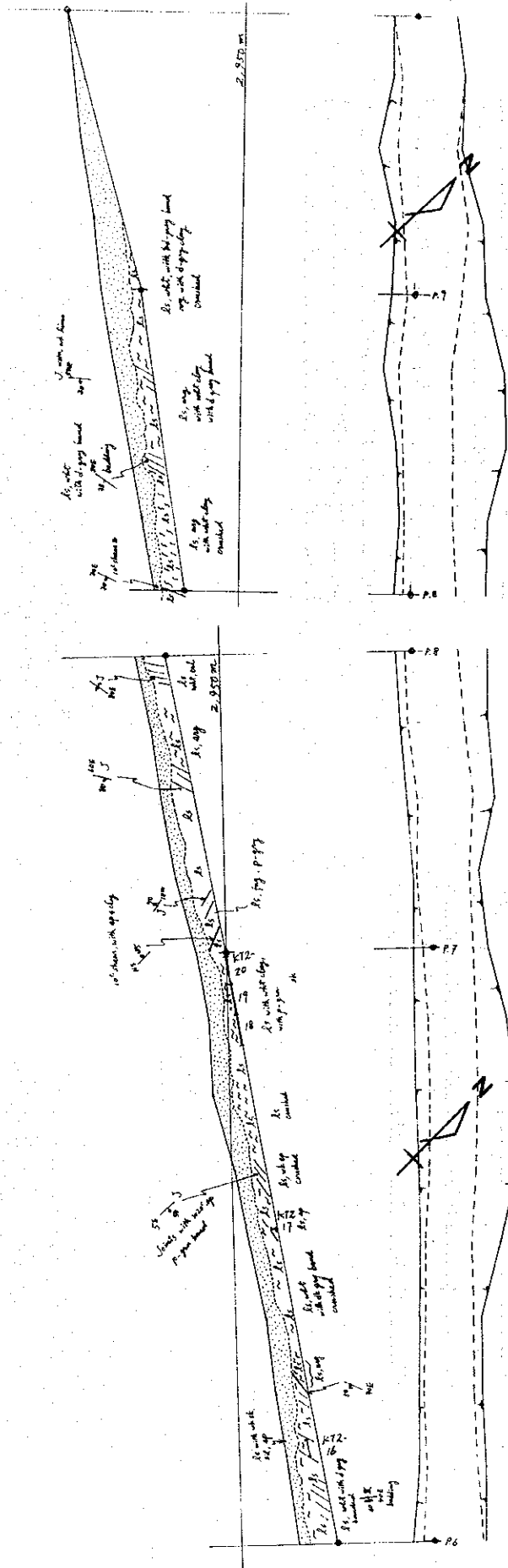
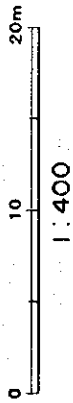
sample No.	Wid. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
KT 2	6	0.08	<0.5	0.03	20	82	1.3	7	<1.3
KT 2	7	0.08	0.9	0.06	18	104	1.5	12	<1.3
KT 2	8	1.65	4.5	0.48	30	58	3.8	29	2.8
KT 2	9	<0.03	<0.5	0.02	18	45	2.7	4	<1.3
KT 2	10	0.07	<0.5	0.02	11	38	0.9	5	<1.3
KT 2	11	2.0	<0.5	0.06	12	95	1.9	23	<1.3
KT 2	12	2.0	<0.5	0.06	15	89	1.6	12	<1.3
KT 2	13	2.0	0.18	0.06	14	130	1.6	13	<1.3
KT 2	14	2.0	0.86	0.21	13	87	3.6	29	<1.3
KT 2	15	2.0	<0.03	0.01	6	28	0.4	12	2.4

sample No.	Wid. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
KT 2	1	1.0	0.17	<0.5	28	58	6.3	1.4	<1.3
KT 2	2	0.5	0.14	<0.5	12	17	3.6	1.0	3.3
KT 2	3	1.2	0.07	<0.5	18	44	4.3	8	<1.3
KT 2	4	0.5	0.05	<0.5	17	34	5.5	1.4	<1.3
KT 2	5	1.0	0.10	<0.5	35	87	3.1	1.0	<1.3



Appendix 12 (3) Geological Sketch of Trench II (1/2)

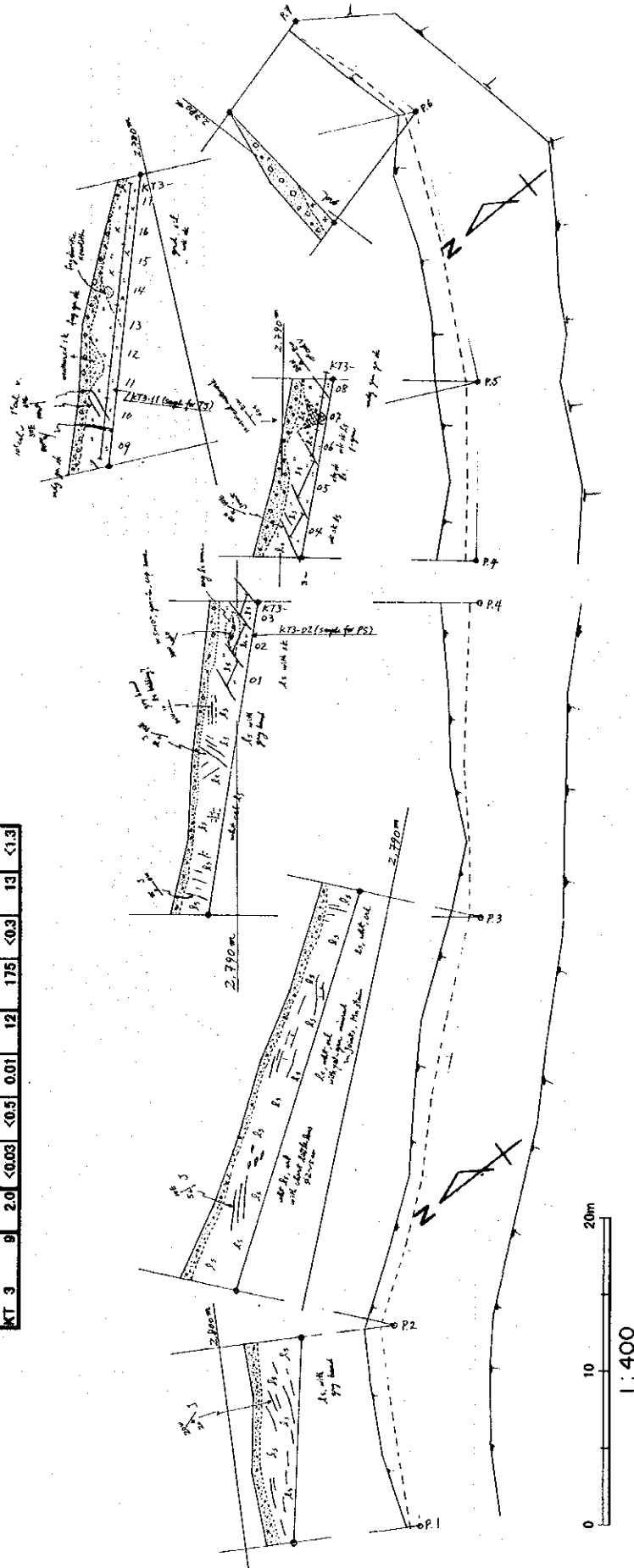
Sample No.	Wt. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	As ppm	Sb ppm
KT 2 16	1.0	0.38	<0.5	0.02	12	224	0.4	15
KT 2 17	0.3	<0.03	<0.5	0.01	2	55	<0.3	14
KT 2 18	2.0	<0.03	<0.5	0.01	7	133	<0.3	6
KT 2 19	2.0	<0.03	<0.5	0.01	9	121	0.3	7
KT 2 20	2.0	<0.03	<0.5	0.01	11	104	0.3	8



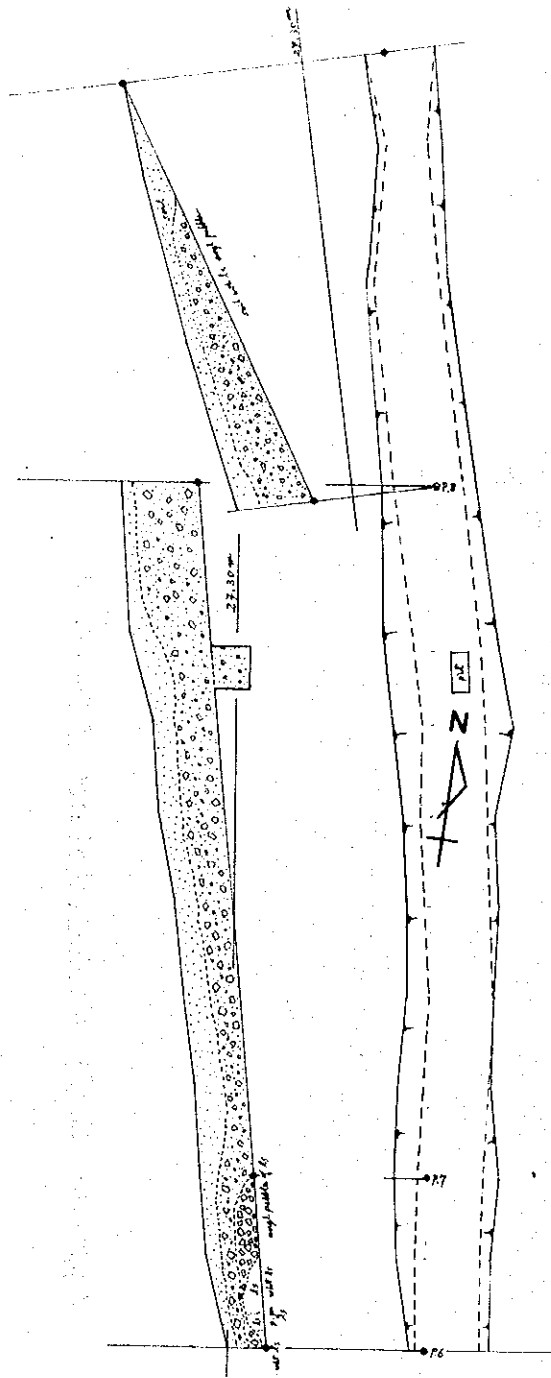
Appendix 12 (4) Geological Sketch of Trench II (2/2)

sample No.	Wd. in	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
KT 3 10	2.0	<0.03	<0.5	0.01	6	192	<0.3	23	<1.3
KT 3 11	2.1	0.14	<0.5	0.02	23	217	<0.3	21	<1.3
KT 3 12	1.9	0.11	<0.5	0.02	36	231	0.7	14	<1.3
KT 3 13	2.0	<0.03	<0.5	0.01	8	52	0.3	6	<1.3
KT 3 14	2.1	0.03	<0.5	0.01	12	64	0.6	5	<1.3
KT 3 15	1.9	<0.03	<0.5	0.00	10	39	0.6	8	<1.3
KT 3 16	2.0	<0.03	<0.5	0.01	21	47	0.5	7	<1.3
KT 3 17	2.0	0.04	<0.5	0.01	9	41	0.5	21	<1.3

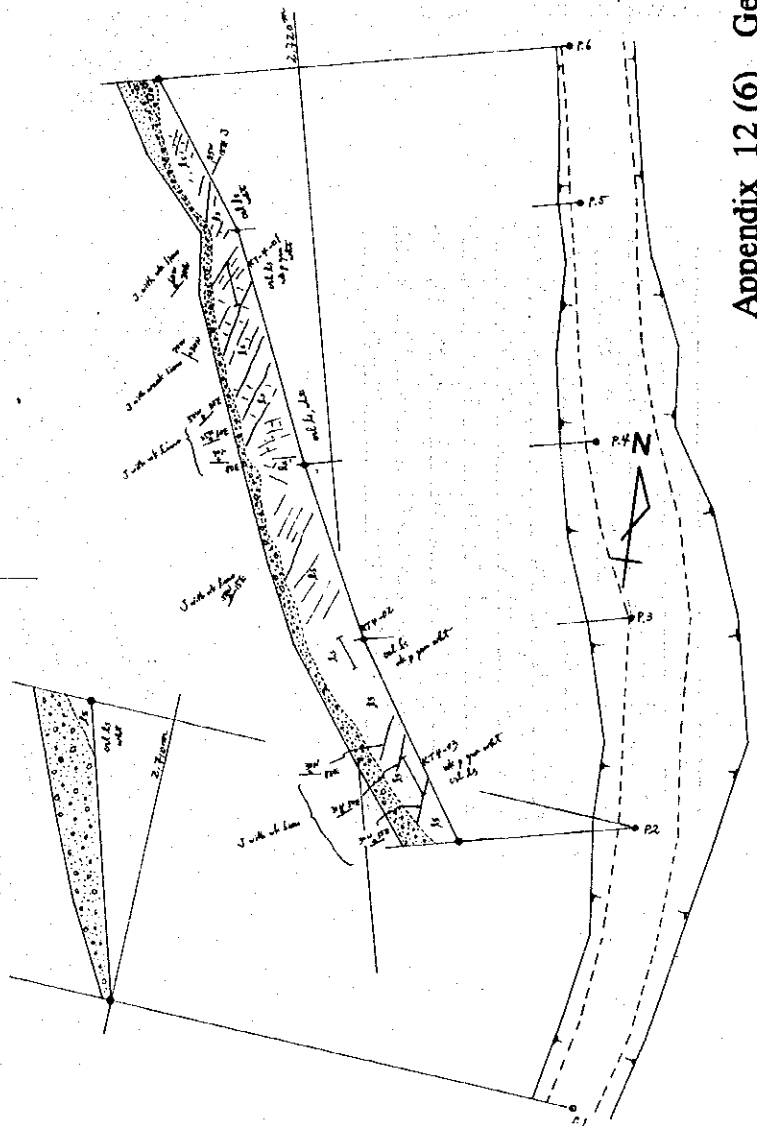
sample No.	Wd. in	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
KT 3 1	1.8	<0.03	<0.5	0.01	2	137	<0.3	2	<1.3
KT 3 2	1.9	0.10	1.1	0.09	5	192	<0.3	35	11.5
KT 3 3	1.5	0.12	0.6	0.04	4	131	<0.3	22	<1.3
KT 3 4	1.7	<0.03	<0.5	0.01	8	132	<0.3	12	<1.3
KT 3 5	2.5	<0.03	<0.5	0.01	7	152	<0.3	20	<1.3
KT 3 6	1.7	<0.03	<0.5	0.01	9	176	<0.3	10	<1.3
KT 3 7	2.1	0.03	<0.5	0.01	15	179	<0.3	20	<1.3
KT 3 8	1.6	<0.03	<0.5	0.02	10	169	<0.3	12	<1.3
KT 3 9	2.0	<0.03	<0.5	0.01	12	175	<0.3	13	<1.3



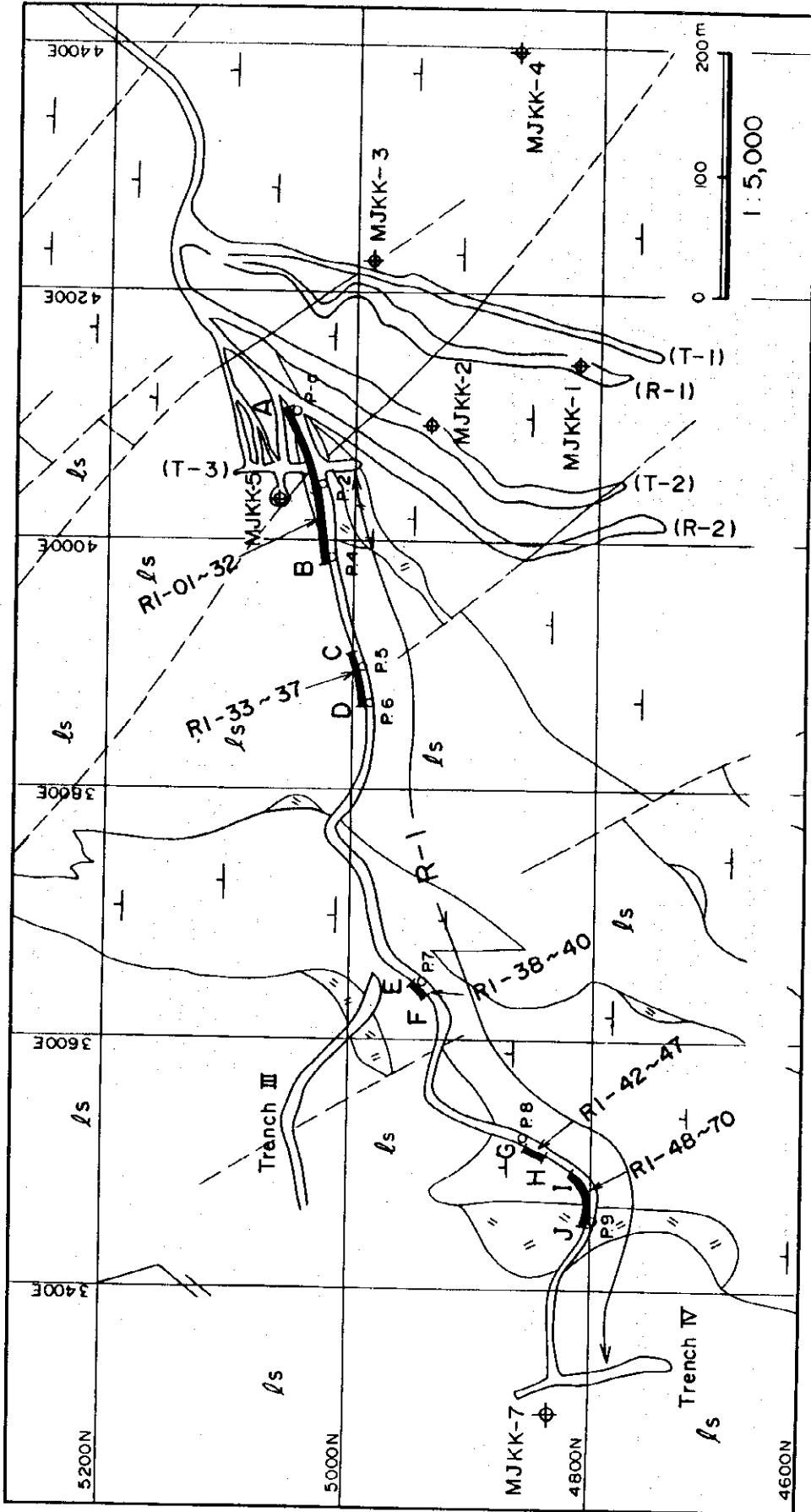
Appendix 12 (5) Geological Sketch of Trench III



sample No	Wt. m	Al ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sh ppm
KT 4	1	2.3	<0.03	<0.5	0.01	3	592	<0.3	6
KT 4	2	2.0	<0.03	<0.5	0.00	<1.75	18	<0.3	1
KT 4	3	2.3	<0.03	<0.5	0.00	<1.75	37	<0.3	1



Appendix 12 (6) Geological Sketch of Trench IV



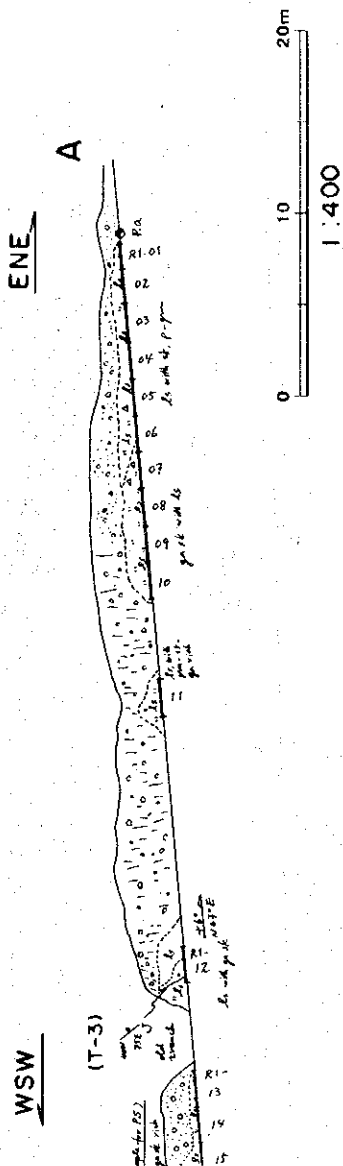
Appendix 13 (1) Index Map for Geological Sketch of Road Cuts (R-1)

**LEGEND**

- Detritus
- △ Ore impregnation
- ls Limestone
- x Granodiorite porphyry
- || Skarn
- ↗ Joint, fracture
- ↘ Sheared zone

△ Ore impregnation  
 △ Locality and number of channel samples

sample No.	Wd. m	Al, ppm	As, ppm	Cu, %	Pb, ppm	Zn, ppm	Mn, ppm	Au, ppm	Sb, ppm
R 1 1	2.0	0.91	3.3	0.30	5	13,000	11.2	68	<1.3
R 1 2	2.0	1.06	5.2	0.34	5	7,838	2.7	62	<1.3
R 1 3	2.1	1.57	4.7	0.28	6	1,965	0.3	44	<1.3
R 1 4	2.0	0.29	1.6	0.11	3	772	0.3	19	<1.3
R 1 5	2.0	2.18	4.1	0.25	3	431	<0.3	28	<1.3
R 1 6	2.0	1.15	1.0	0.11	5	106	<0.3	26	<1.3
R 1 7	2.1	2.97	0.7	0.06	4	269	<0.3	39	<1.3
R 1 8	2.0	0.75	<0.5	0.04	4	405	<0.3	45	<1.3
R 1 9	2.1	0.44	<0.5	0.03	4	136	0.6	30	<1.3
R 1 10	2.0	0.40	<0.5	0.04	5	306	<0.3	30	<1.3
R 1 11	2.1	0.23	<0.5	0.06	5	410	<0.3	52	<1.3

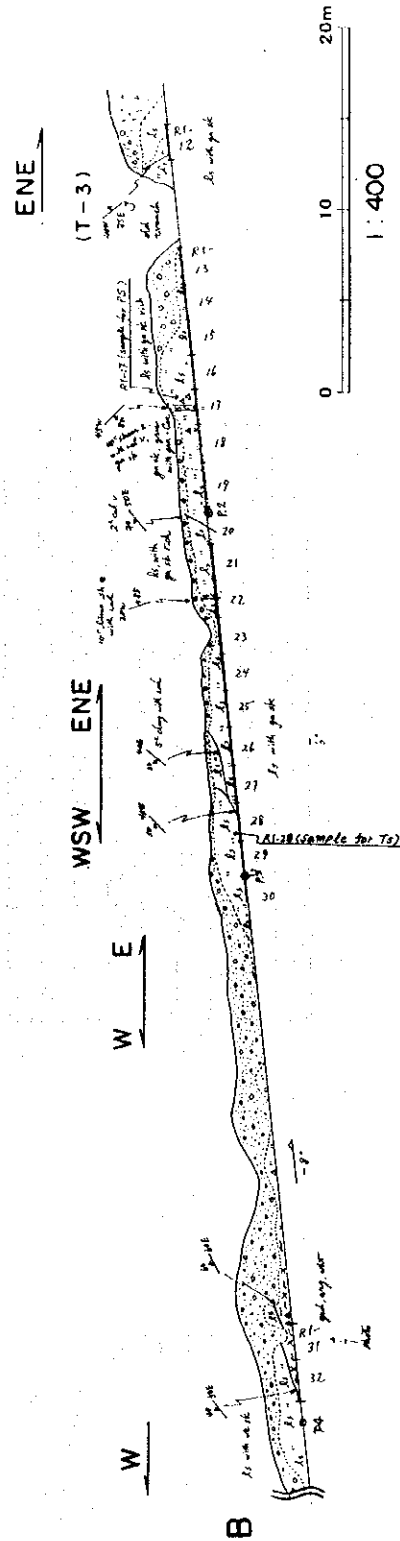


Appendix 13 (2) Geological Sketch of Road Cuts (R-1)



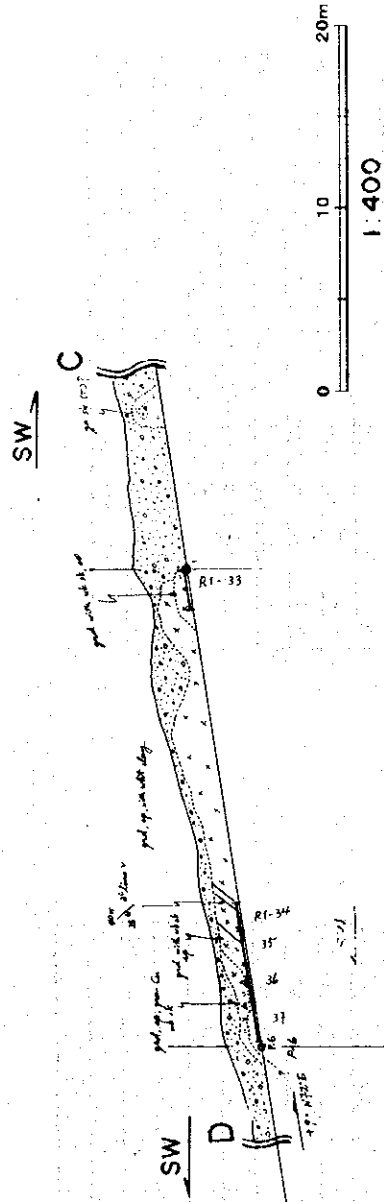
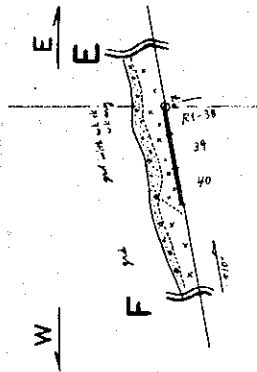
sample No.	Wtd. m	Al, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mo, ppm	As, ppm	Sb, ppm
R 1	12	2.0	0.40	0.6	0.08	15	728	<0.3	72
R 1	13	2.0	1.68	18.5	1.04	9	12,480	0.5	64
R 1	14	2.0	2.14	7.3	0.60	7	6,122	0.3	32
R 1	15	2.0	0.68	0.9	0.09	3	859	<0.3	18
R 1	16	1.9	0.21	1.7	0.15	4	1,699	<0.3	20
R 1	17	1.9	0.72	9.7	0.85	10	1,943	<0.3	22
R 1	18	2.2	0.17	0.9	0.06	4	526	1.0	28
R 1	19	2.3	0.27	1.5	0.13	5	2,974	<0.3	32
R 1	20	2.4	1.45	<0.5	0.06	5	946	<0.3	25
R 1	21	2.0	0.42	1.8	0.10	4	1,341	<0.3	38
R 1	22	2.0	0.13	5.8	0.19	19	3,639	0.3	47

sample No.	Wtd. m	Al, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mo, ppm	As, ppm	Sb, ppm
R 1	23	2.0	0.06	2.1	0.08	3	789	<0.3	25
R 1	24	2.0	0.11	6.2	0.45	5	4,855	<0.3	36
R 1	25	2.0	0.09	3.2	0.19	5	4,878	<0.3	36
R 1	26	2.1	0.11	2.4	0.17	5	2,122	<0.3	32
R 1	27	2.1	0.44	1.8	0.12	8	1,394	0.3	31
R 1	28	2.1	0.27	0.5	0.04	8	845	<0.3	29
R 1	29	2.0	0.26	0.6	0.05	6	659	<0.3	36
R 1	30	2.0	0.41	<0.5	0.07	3	641	<0.3	41
R 1	31	2.0	0.96	2.7	0.61	13	1,884	0.6	12
R 1	32	2.3	<0.03	0.8	0.02	15	251	<0.3	4



Appendix 13 (3) Geological Sketch of Road Cuts (R-1)

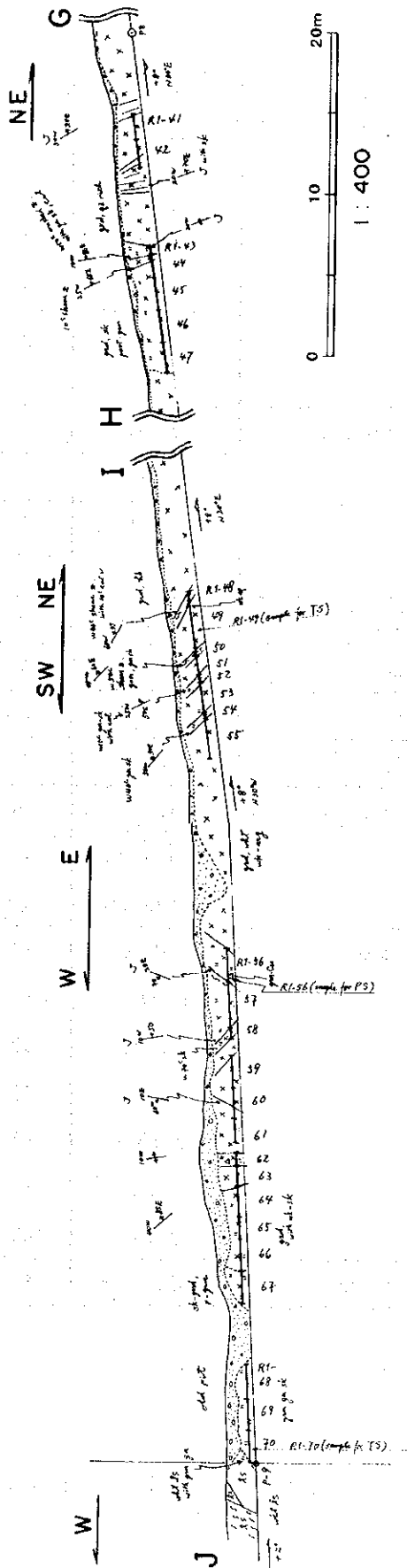
sample No.	Wt. m	As ppm	Ag ppm	Cu, %	Pb ppm	Zn ppm	Mo ppm	As ppm	Sb ppm
R 1 33	2.2	0.03	<0.5	0.02	16	69	1.1	11	<1.25
R 1 34	1.6	<0.03	<0.5	0.01	12	22	2.4	7	<1.25
R 1 35	2.0	0.11	<0.5	0.02	6	21	0.6	33	<1.25
R 1 36	2.0	0.10	<0.5	0.04	11	49	1.1	11	2.0
R 1 37	2.0	<0.03	<0.5	0.01	8	22	0.9	2	<1.25
R 1 38	1.7	<0.03	<0.5	0.01	13	36	1.0	4	<1.25
R 1 39	2.0	0.03	<0.5	0.01	11	27	0.6	33	<1.25
R 1 40	2.0	<0.03	<0.5	0.00	16	44	0.6	22	<1.25



Appendix 13 (4) Geological Sketch of Road Cuts (R-1)

Sample No.	Wt. m	Al, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mn, ppm	Au, ppm	Sb, ppm
R 1 41	1.7	0.11	<0.5	0.02	15	64	0.9	13	2.0
R 1 42	1.7	0.07	<0.5	0.01	11	38	0.6	17	<1.25
R 1 43	0.5	0.18	<0.5	0.01	11	31	0.8	36	<1.25
R 1 44	1.5	0.04	<0.5	0.01	12	33	2.4	11	<1.25
R 1 45	2.0	0.15	<0.5	0.02	8	186	2.6	18	<1.25
R 1 46	2.0	0.06	<0.5	0.01	12	33	1.3	33	<1.25
R 1 47	2.0	<0.03	<0.5	0.01	19	59	<0.3	25	<1.25
R 1 48	0.5	<0.03	<0.5	0.00	<1.75	8	0.5	19	<1.25
R 1 49	3.1	<0.03	<0.5	0.00	11	31	1.4	10	<1.25
R 1 50	0.3	<0.03	<0.5	0.01	12	62	0.3	14	<1.25
R 1 51	1.2	<0.03	<0.5	0.01	23	34	1.2	16	<1.25
R 1 52	0.4	<0.03	<0.5	0.00	7	70	0.8	31	<1.25
R 1 53	2.0	<0.03	<0.5	0.00	9	22	1.0	6	2.0
R 1 54	0.4	<0.03	<0.5	0.00	11	79	0.3	25	<1.25
R 1 55	2.4	<0.03	<0.5	0.00	9	34	0.7	5	2.0

Sample No.	Wt. m	Al, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mn, ppm	Au, ppm	Sb, ppm
R 1 56	2.0	0.90	0.7	0.14	28	89	1.4	24	<1.25
R 1 57	2.9	0.36	<0.5	0.04	17	125	1.0	22	1.0
R 1 58	0.7	1.19	<0.5	0.07	21	125	0.3	31	<1.25
R 1 59	2.0	2.58	0.9	0.16	18	215	1.5	31	<1.25
R 1 60	2.0	0.38	<0.5	0.03	18	107	3.0	21	1.0
R 1 61	2.0	0.48	1.0	0.16	17	188	2.5	32	<1.25
R 1 62	1.1	0.07	<0.5	0.05	12	113	1.5	25	<1.25
R 1 63	1.0	<0.03	<0.5	0.03	13	94	2.7	9	2.0
R 1 64	2.0	<0.03	<0.5	0.03	15	89	1.6	12	1.0
R 1 65	1.5	0.35	<0.5	0.04	10	68	0.4	27	<1.25
R 1 66	1.9	0.30	<0.5	0.01	7	30	<0.3	13	<1.25
R 1 67	2.0	0.42	<0.5	0.01	10	60	0.4	24	<1.25
R 1 68	2.0	0.10	<0.5	0.00	4	40	<0.3	28	<1.25
R 1 69	2.2	0.42	<0.5	0.00	6	32	<0.3	31	<1.25
R 1 70	2.0	0.54	<0.5	0.00	6	29	<0.3	24	<1.25



Appendix 13 (5) Geological Sketch of Road Cuts (R-1)

Appendix 14

Item	Model	Quantity	Capacity, type and specification
Drilling machine	CKB-4D	1	capacity 93mm : 300m, 59mm : 500m inner diameter of spindle : $\phi$ 53mm
	CKB-5E	1	capacity 93mm : 300m, 59mm : 500m inner diameter of spindle : $\phi$ 76mm
	CKB-41E	1	capacity 93mm : 300m, 59mm : 500m inner diameter of spindle : $\phi$ 53mm
Engine for drill	DS-60	2	Electricity
	TY3-1015	1	Diesel engine
Pump	HB3-120/140	3	piston $\phi$ 60mm, capacity 110 liter/min pressure 60 kg/cm <sup>2</sup>
Generator	SDG-25S	1	25 KVA, 200~220V
Mud mixer		3	3KW, 1,600 r.p.m.
Derrick		3	Maximum load : 20 ton, L=10m
Rod holder	NQ	3	capacity 5t
Drill rods	$\phi$ 50mm	15	5.5 m/pc
	NQ( $\phi$ 70.0mm)	6	1.5 m/pc
	NQ( $\phi$ 70.0mm)	200	3.0 m/pc
Casing pipes	$\phi$ 127mm	16	3.0 m/pc
	$\phi$ 127mm	16	1.0 m/pc
	$\phi$ 108mm	60	1.5 m/pc
	$\phi$ 108mm	20	1.0 m/pc
	$\phi$ 89mm	20	6.0 m/pc
	$\phi$ 89mm	20	3.0 m/pc
	$\phi$ 89mm	65	1.0 m/pc
Core tube assembly	NQ( $\phi$ 55.6mm)	10	

Appendix 14 List of Used Equipment for Drilling

(MJKK-1)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	19 Jul. '98	23 Jul. '98	5.0	5.0	0	140
Drilling	24 Jul. '98	25 Aug. '98	32.5	28.5	4.0	748
Dismount	25 Aug. '98	25 Aug. '98	0.5	0.5	0	14
<b>Total</b>	<b>19 Jul. '98</b>	<b>25 Aug. '98</b>	<b>38.0</b>	<b>34.0</b>	<b>4.0</b>	<b>902</b>
<b>Drilling length</b>						
Programmed length	120.0m		Overburden			1.4m
Prolongation	-12.2m		Core length			102.3m
Effective length	107.8m		Core recovery			94.9%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	155h	20.8%	Length (m)	Each (%)	Cumula. (%)	
Non-drilling	441h	59.1%	0-50	96.1	96.1	
Regain of accident	62h	8.3%	50-107.8	93.8	94.9	
Preparation/setting up	30h	4.0%				
Dismount/mobilization	12h	1.6%				
Others	46h	6.2%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			3.8 m/d			
			Effective length/Total drilling days			
<b>Total</b>	<b>746h</b>	<b>100%</b>	<b>3.3 m/d</b>			
<b>Drilling length by diameter</b>						
Bit diameter	φ112mm	φ93mm	NQ			Total
Drilling length	1.5m	0.8m	105.5m			107.8m
Core length	1.5m	0.8m	100.0m			102.3m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ108mm	1.5m	1.4%			100%	

Appendix 15 (1) Miscellaneous Result on MJKK-1

(MJKK-2)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	18 Sep. '98	18 Sep. '98	0.5	0.5	0	14
Drilling	18 Sep. '98	1 Oct. '98	13.5	13.5	0	364
Dismount	2 Oct. '98	2 Oct. '98	0.5	0.5	0	14
<b>Total</b>	<b>18 Sep. '98</b>	<b>2 Oct. '98</b>	<b>14.5</b>	<b>14.5</b>	<b>0</b>	<b>392</b>
<b>Drilling length</b>						
Programmed length	120.0m		Overburden			3.3m
Prolongation	-19.8m		Core length			97.05m
Effective length	100.20m		Core recovery			96.9%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	115h	33.0%	Length(m)	Each (%)	Cumula. (%)	
Non-drilling	113h	32.5%	0-50	97.2	97.2	
Regain of accident	96h	27.6%	50-100.20	96.5	96.9	
Preparation/setting up	8h	2.3%				
Dismount/mobilization	16h	4.6%				
Others	0h	0%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			7.4 m/d			
			Effective length/Total drilling days			
			7.4 m/d			
<b>Total</b>	<b>348h</b>	<b>100%</b>				
<b>Drilling length by diameter</b>						
Bit diameter	φ 132mm	φ 112mm	φ 93mm	NQ		Total
Drilling length	2.0m	0.5m	0.8m	96.9m		100.2m
Core length	2.0m	0.5m	0.8m	93.75m		97.05m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ 108mm	17.0m	20.0%			100%	
φ 89mm	53.0m	52.9%			100%	

## Appendix 15 (3)

(MJKK-3)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	19 Jul. '98	30 Jul. '98	11.5	6.5	5.0	182
Drilling	30 Jul. '98	30 Aug. '98	31.5	30.5	1.0	764
Dismount	31 Aug. '98	31 Aug. '98	0.5	0.5	0	14
<b>Total</b>	<b>19 Jul. '98</b>	<b>31 Aug. '98</b>	<b>43.5</b>	<b>37.5</b>	<b>6.0</b>	<b>960</b>
<b>Drilling length</b>						
Programmed length	200.0m		Overburden			3.0m
Prolongation	-75.4m		Core length			118.3m
Effective length	124.6m		Core recovery			94.9%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	196h	23.2%	Length(m)	Each(%)	Cumula. (%)	
Non-drilling	361h	42.7%	0-50	93.9	93.9	
Regain of accident	181h	21.4%	50-100	93.7	94.8	
Preparation/setting up	39h	4.6%	100-124.60	95.4	94.9	
Dismount/mobilization	8h	1.0%				
Others	60h	7.1%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			4.1 m/d			
			Effective length/Total drilling days			
<b>Total</b>	<b>845h</b>	<b>100%</b>	<b>4.0 m/d</b>			
<b>Drilling length by diameter</b>						
Bit diameter	φ112mm	φ93mm	NQ			Total
Drilling length	1.0m	1.2m	122.4m			124.6m
Core length	1.0m	1.2m	116.1m			118.3m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ108mm	1.0m	0.8%			100%	
φ89mm	3.8m	3.0%			100%	

## Appendix 15 (3) Miscellaneous Result on MJKK-3

(MJKK-4)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	17 Sep. '98	17 Sep. '98	0.5	0.5	0	13.5
Drilling	17 Sep. '98	1 Oct. '98	14.5	14.5	0	392
Dismount	2 Oct. '98	2 Oct. '98	0.5	0.5	0	13.5
<b>Total</b>	<b>17 Sep. '98</b>	<b>2 Oct. '98</b>	<b>15.5</b>	<b>15.5</b>	<b>0</b>	<b>419</b>
<b>Drilling length</b>						
Programmed length	140.0m		Overburden			29.8m
Prolongation	-55.5m		Core length			80.8m
Effective length	84.5m		Core recovery			95.6%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	105h	28.2%	Length (m)	Each (%)	Cumula. (%)	
Non-drilling	172h	46.1%	0-50	96.1	96.1	
Regain of accident	72h	19.3%	50-84.5	94.9	95.6	
Preparation/setting up	5h	1.3%				
Dismount/mobilization	19h	5.1%				
Others	0h	0%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			5.8 m/d			
			Effective length/Total drilling days			
			5.8 m/d			
<b>Total</b>	<b>373h</b>	<b>100%</b>				
<b>Drilling length by diameter</b>						
Bit diameter	φ 132mm	φ 93mm	NQ			Total
Drilling length	4.8m	12.4m	67.3m			84.5m
Core length	4.8m	12.4m	63.6m			80.8m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ 127mm	4.8m	5.7%			100%	
φ 89mm	32.0m	37.9%			100%	



(MJKK-5)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	26 Aug. '98	26 Aug. '98	0.5	0.5	0	13.5
Drilling	26 Aug. '98	17 Sep. '98	22.0	22.0	0	599
Dismount	17 Sep. '98	17 Sep. '98	0.5	0.5	0	13.5
<b>Total</b>	<b>26 Aug. '98</b>	<b>17 Sep. '98</b>	<b>23.0</b>	<b>23.0</b>	<b>0</b>	<b>626</b>
<b>Drilling length</b>						
Programmed length	120.0m		Overburden			5.7m
Prolongation	-19.6m		Core length			94.75m
Effective length	100.40m		Core recovery			94.4%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	169h	29.9%	Length(m)	Each (%)	Cumula. (%)	
Non-drilling	231h	40.8%	0-50	93.9	93.9	
Regain of accident	148h	26.1%	50-100.40	95.3	94.4	
Preparation/setting up	10h	1.8%				
Dismount/mobilization	8h	1.4%				
Others	0h	0%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			4.6 m/d			
			Effective length/Total drilling days			
<b>Total</b>	<b>566h</b>	<b>100%</b>	<b>4.6 m/d</b>			
<b>Drilling length by diameter</b>						
Bit diameter	φ112mm	NQ				Total
Drilling length	2.4m	98.0m				100.4m
Core length	2.4m	92.35m				94.75m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length		Casing recovery		
φ127mm	2.4m	2.4%		100%		
φ108mm	24.0m	23.9%		100%		
φ89mm	48.0m	47.8%		100%		

## Appendix 15 (6)

(MJKK-6)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	26 Aug. '98	30 Aug. '98	5.0	5.0	0	140
Drilling	31 Aug. '98	29 Sep. '98	29.5	29.5	0	723
Dismount	29 Sep. '98	29 Sep. '98	0.5	0.5	0	14
<b>Total</b>	<b>26 Aug. '98</b>	<b>29 Sep. '98</b>	<b>35.0</b>	<b>35.0</b>	<b>0</b>	<b>877</b>
<b>Drilling length</b>						
Programmed length	150.0m	Overburden				16.3m
Prolongation	+60.0m	Core length				200.75m
Effective length	210.0m	Core recovery				95.6%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	249h	29.8%	Length (m)	Each (%)	Cumula. (%)	
Non-drilling	423h	50.7%	0-50	98.5	98.5	
Regain of accident	43h	5.1%	50-100	99.4	96.4	
Preparation/setting up	64h	7.7%	100-150	93.0	95.1	
Dismount/mobilization	5h	0.6%	150-210	81.3	95.6	
Others	51h	6.1%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			7.1 m/d			
			Effective length/Total drilling days			
			7.1 m/d			
<b>Total</b>	<b>835h</b>	<b>100%</b>				
<b>Drilling length by diameter</b>						
Bit diameter	φ112mm	φ93mm	NG			Total
Drilling length	1.0m	15.3m	193.7m			210.0m
Core length	1.0m	15.3m	184.45m			200.75m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ108mm	1.0m	0.5%			100%	
φ89mm	30.0m	14.3%			100%	

## Appendix 15 (6) Miscellaneous Result on MJKK-6

## Appendix 15 (7)

(MJKK-7)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	31 Aug. '98	31 Aug. '98	1.0	1.0	0	27
Drilling	1 Sep. '98	16 Sep. '98	16.0	16.0	0	432
Dismount	17 Sep. '98	17 Sep. '98	0.5	0.5	0	13.5
<b>Total</b>	<b>31 Aug. '98</b>	<b>17 Sep. '98</b>	<b>17.5</b>	<b>17.5</b>	<b>0</b>	<b>472.5</b>
<b>Drilling length</b>						
Programmed length	150.0m		Overburden			11.5m
Prolongation	-56.9m		Core length			90.9m
Effective length	93.10m		Core recovery			97.6%
<b>Working hours</b>			<b>Core recovery by each 50 meters</b>			
Drilling	107h	25.5%	Length(m)	Each(%)	Cumula. (%)	
Non-drilling	245h	58.3%	0-50	97.3	97.3	
Regain of accident	36h	8.6%	50-93.1	98.2	97.6	
Preparation/setting up	20h	4.8%				
Dismount/mobilization	12h	2.8%				
Others	0h	0%				
			<b>Efficiency</b>			
			Effective length/Working drilling days			
			5.8 m/d			
			Effective length/Total drilling days			
			5.8 m/d			
<b>Total</b>	<b>420h</b>	<b>100%</b>				
<b>Drilling length by diameter</b>						
Bit diameter	φ132mm	φ112mm	NQ			Total
Drilling length	11.5m	4.6m	77.0m			93.1m
Core length	11.4m	4.6m	74.9m			90.9m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ127mm	13.0m	14.0%			100%	
φ89mm	56.0m	60.2%			100%	

## Appendix 15 (7) Miscellaneous Result on MJKK-7

Appendix 16

Item	Specifi- -cation	Unit	Quantity							Total
			MJJK-1	MJJK-2	MJJK-3	MJJK-4	MJJK-5	MJJK-6	MJJK-7	
Diesel oil		liter	2,950	1,220	2,555	1,250	2,360	3,660	2,084	16,059
Gasoline		liter	20	25	20	5	35	30	10	145
Hydraulic oil	}									
Engine oil		liter	229	139	322	110	168	240	103	1,311
Rod grease		kg	57	67	97	58	70	126	54	529
Screw grease		kg	4.8	3	4.5	2.5	2.7	5.3	1.2	24
Bentonite		bag	76	50	80	36	62	113	40	457
C. M. C		kg	129	43	62	32	55	94	32	447
Cement		bag	-	-	-	-	-	-	-	-
Lost-circulation material		kg	19	20.5	18	14.5	28	41	18	159
Clear mud		m <sup>3</sup>	-	-	-	-	-	-	-	-
Soda calcium		kg	-	-	-	-	-	-	-	-
Diamond bit	φ 93mm	pc	1	-	1	-	-	-	-	2
Diamond bit	NQ	pc	14	6	13	2	8	13	5	61
Diamond reamer	NQ	pc	6	3	4	2	4	4	2	25
Metal crown	φ 132mm	pc	-	2	-	2	2	-	3	9
Metal crown	φ 112mm	pc	6	1	2	-	4	2	-	15
Metal crown	φ 93mm	pc	-	1	-	9	6	9	8	33
Metal crown	φ 74mm	pc	10	-	4	-	-	-	-	14
Core box		pc	37	34	43	35	33	75	40	297

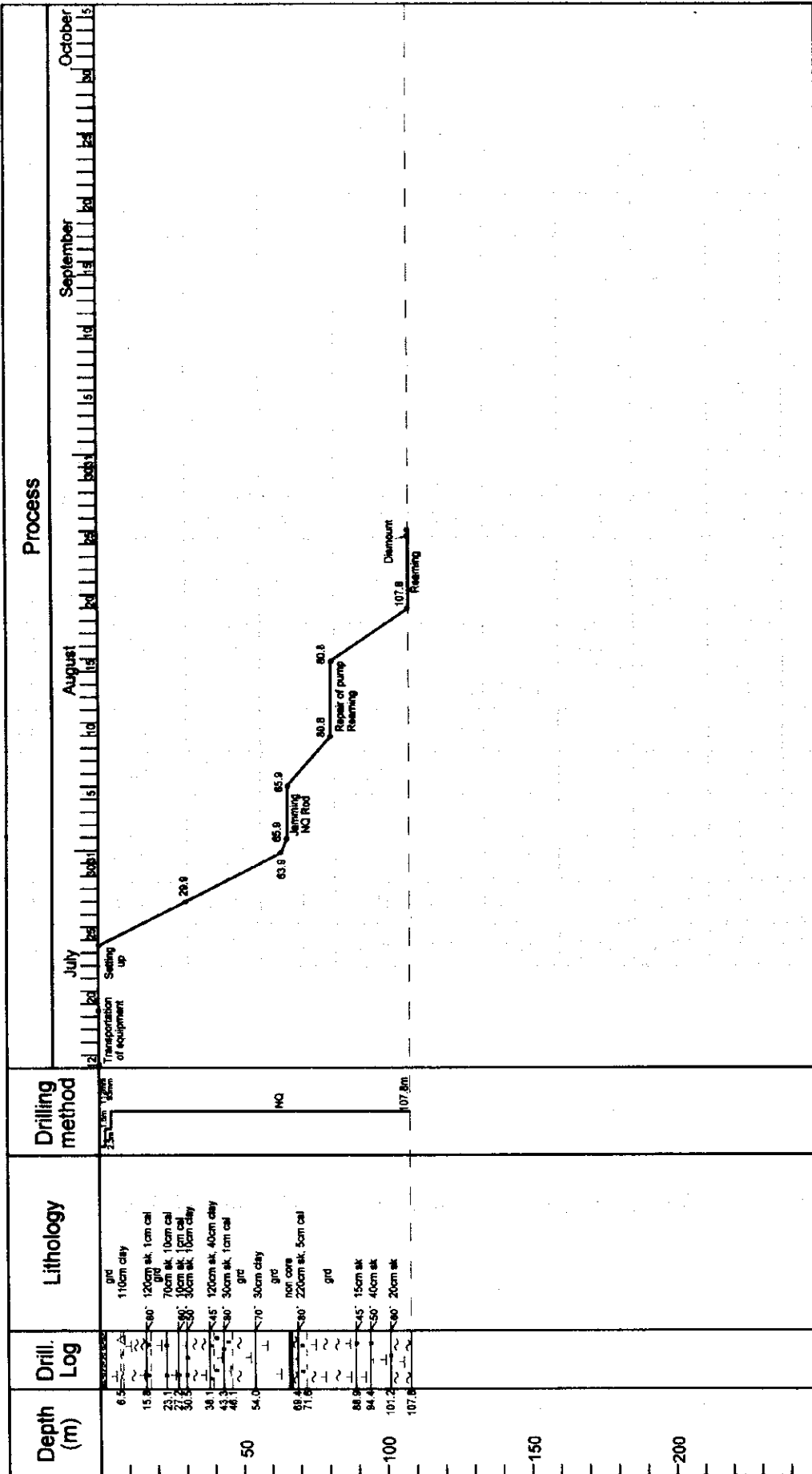
Appendix 16 Articles of Consumption and Drilling Parts

Appendix 17

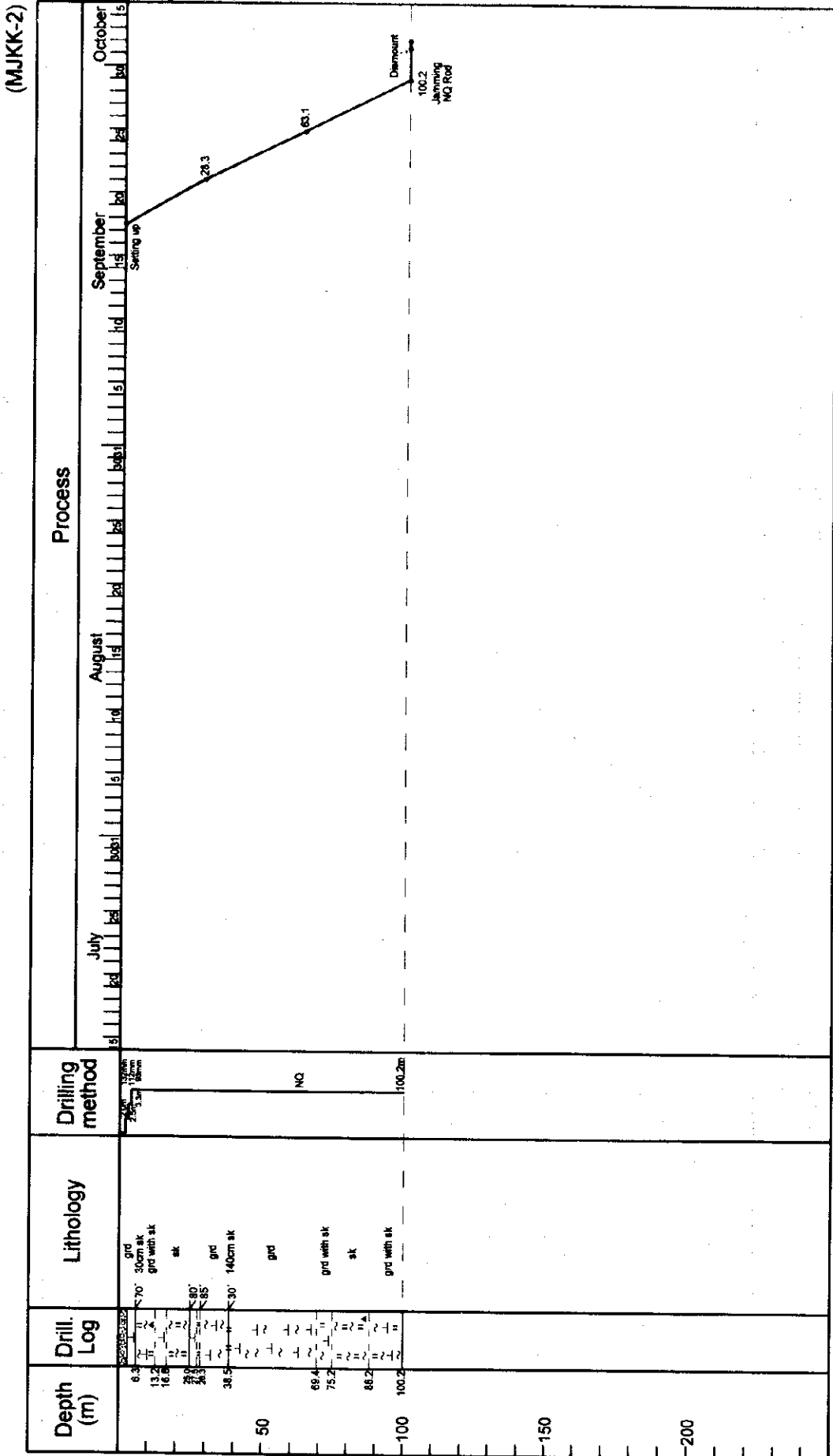
Size	Bits (pcs)	Drilling meter by drillhole(m)							Total (m)	Efficiency (m/bit)
		MJKK-1	MJKK-2	MJKK-3	MJKK-4	MJKK-5	MJKK-6	MJKK-7		
φ 93mm	1	0.8							0.80	0.8
	0		0						0	
	1			1.20					1.20	1.2
	0				0				0	
	0					0			0	
	0						0		0	
	0							0	0	
<b>Sub total</b>	<b>2</b>	<b>0.8</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>1.0</b>
<b>NQ</b>	<b>14</b>	<b>105.5</b>							<b>105.5</b>	<b>7.5</b>
	6		96.9						96.9	16.1
	13			122.4					122.4	9.4
	2				67.3				67.3	33.6
	8					98.0			98.0	12.2
	13						193.7		193.7	14.9
	5							77.0	77.0	15.4
<b>Sub total</b>	<b>61</b>	<b>105.5</b>	<b>96.9</b>	<b>122.4</b>	<b>67.3</b>	<b>98.0</b>	<b>193.7</b>	<b>77.0</b>	<b>760.8</b>	<b>12.4</b>
<b>Grand total</b>	<b>63</b>	<b>106.3</b>	<b>96.9</b>	<b>123.6</b>	<b>67.3</b>	<b>98.0</b>	<b>193.7</b>	<b>77.0</b>	<b>762.8</b>	<b>12.1</b>

Appendix 17 Drilling Meter of Diamond Bits

(MJKK-1)

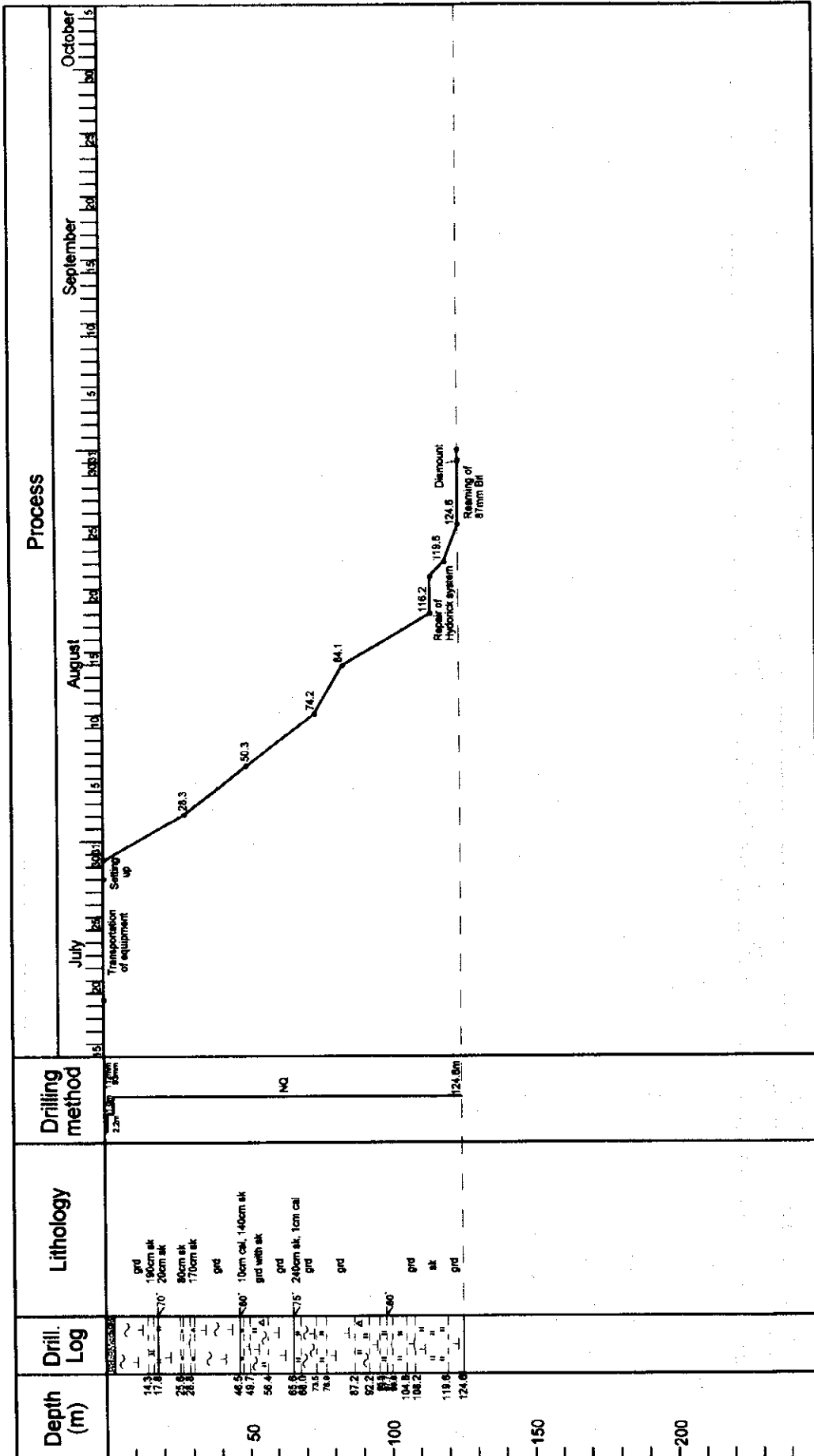


Appendix 18 (1) Progress Record of MJKK-1



Appendix 18 (2) Progress Record of MJKK-2

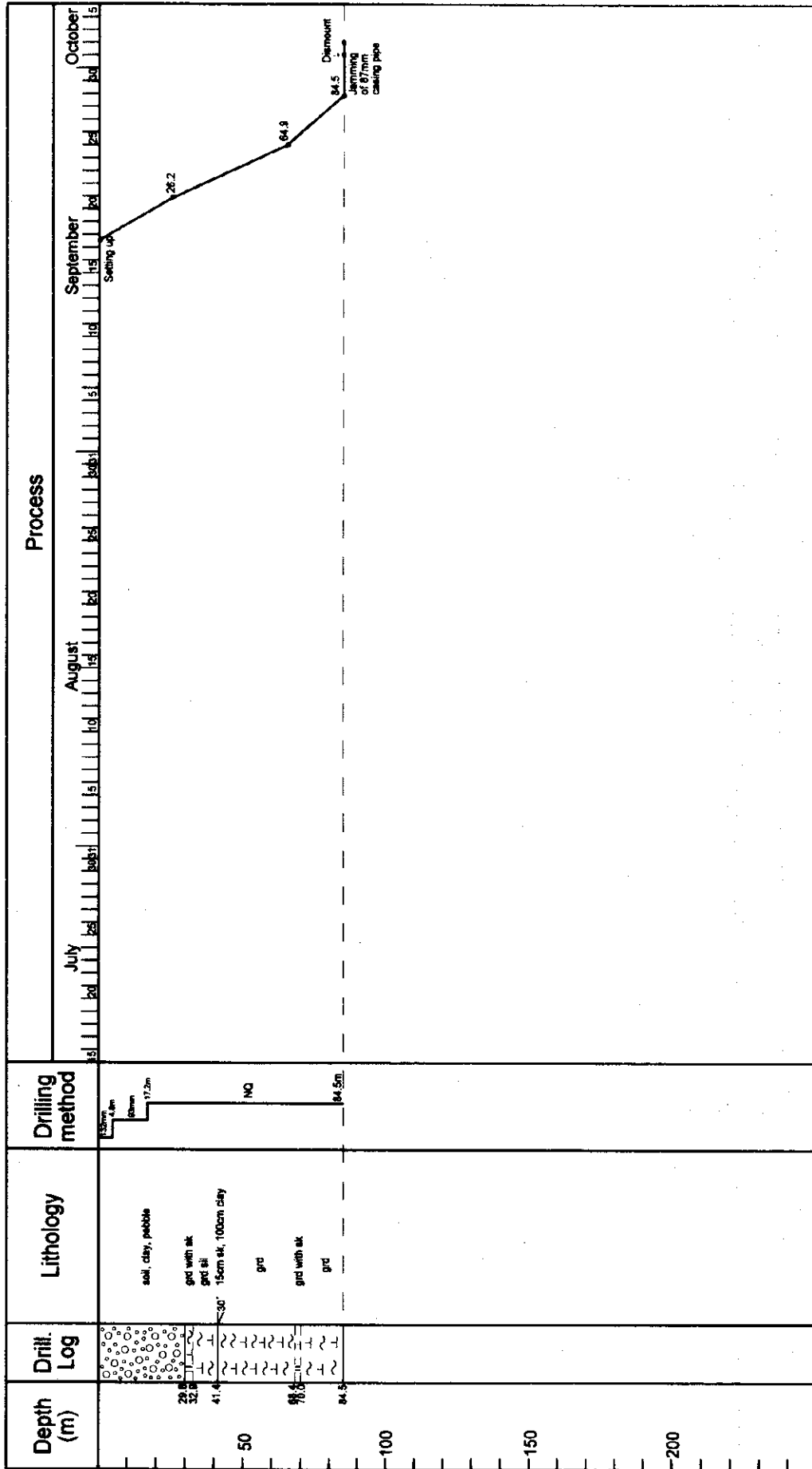
(MJKK-3)



Appendix 18 (3) Progress Record of MJKK-3

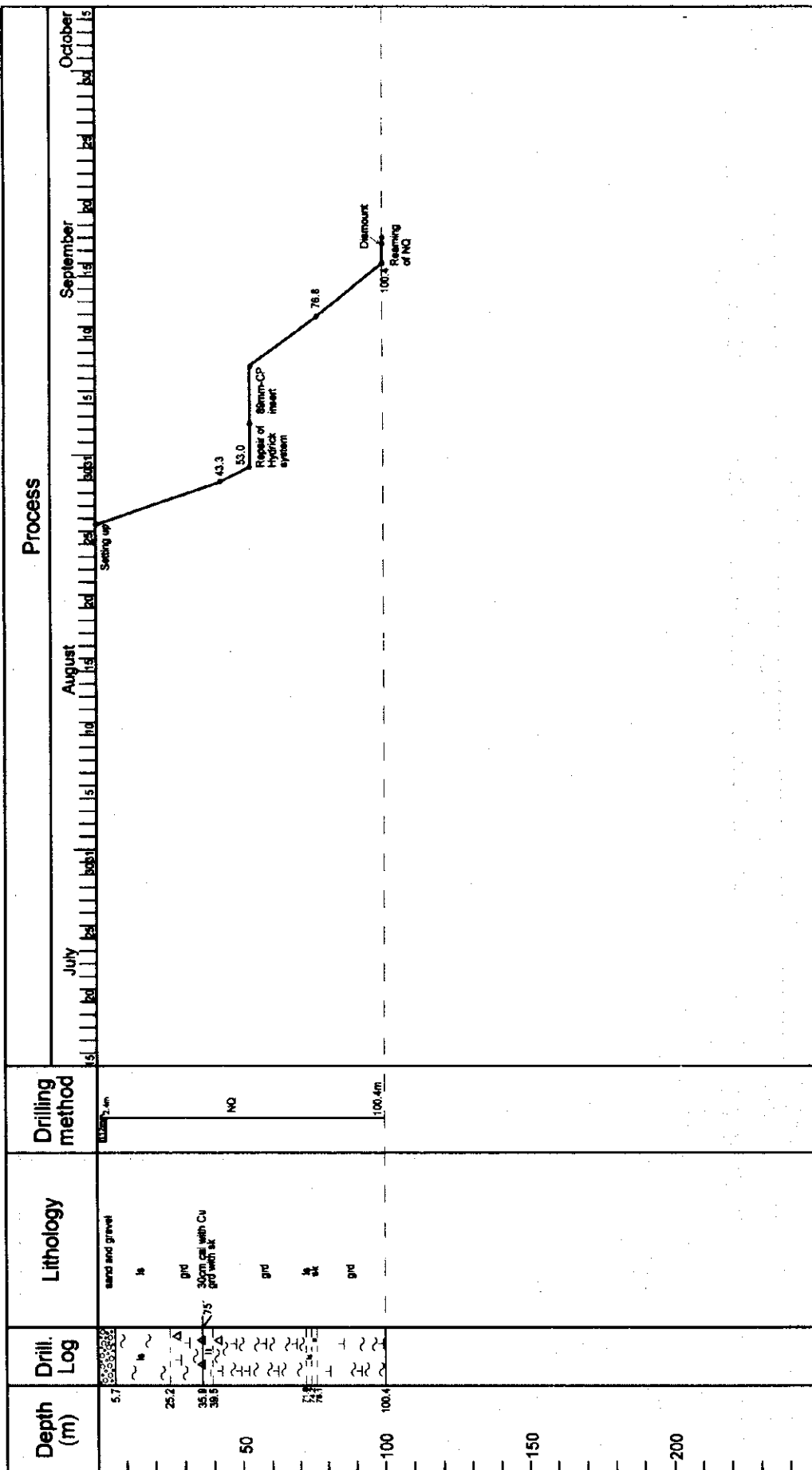


(MJKK-4)



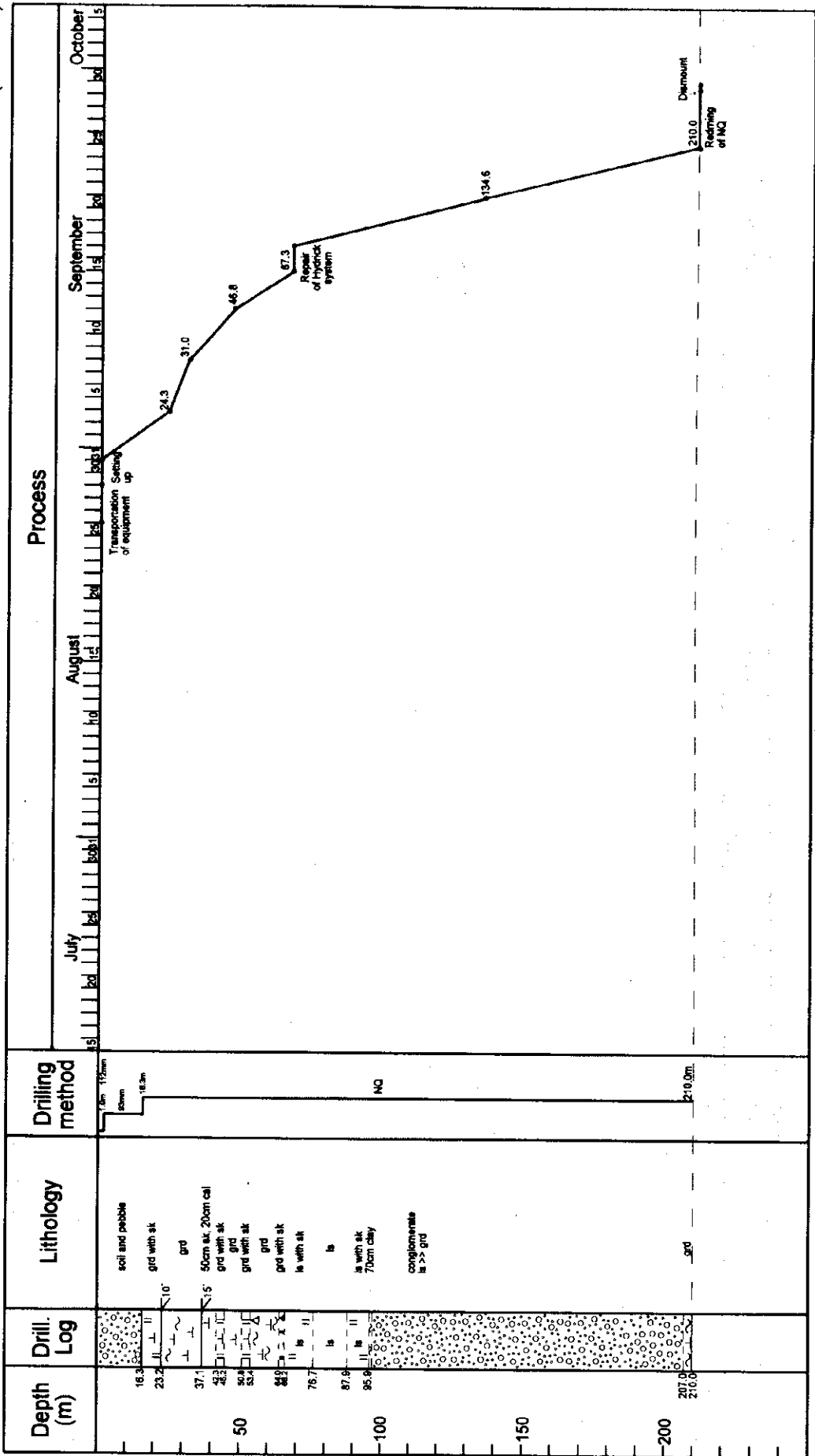
Appendix 18 (4) Progress Record of MJKK-4

(MJKK-5)



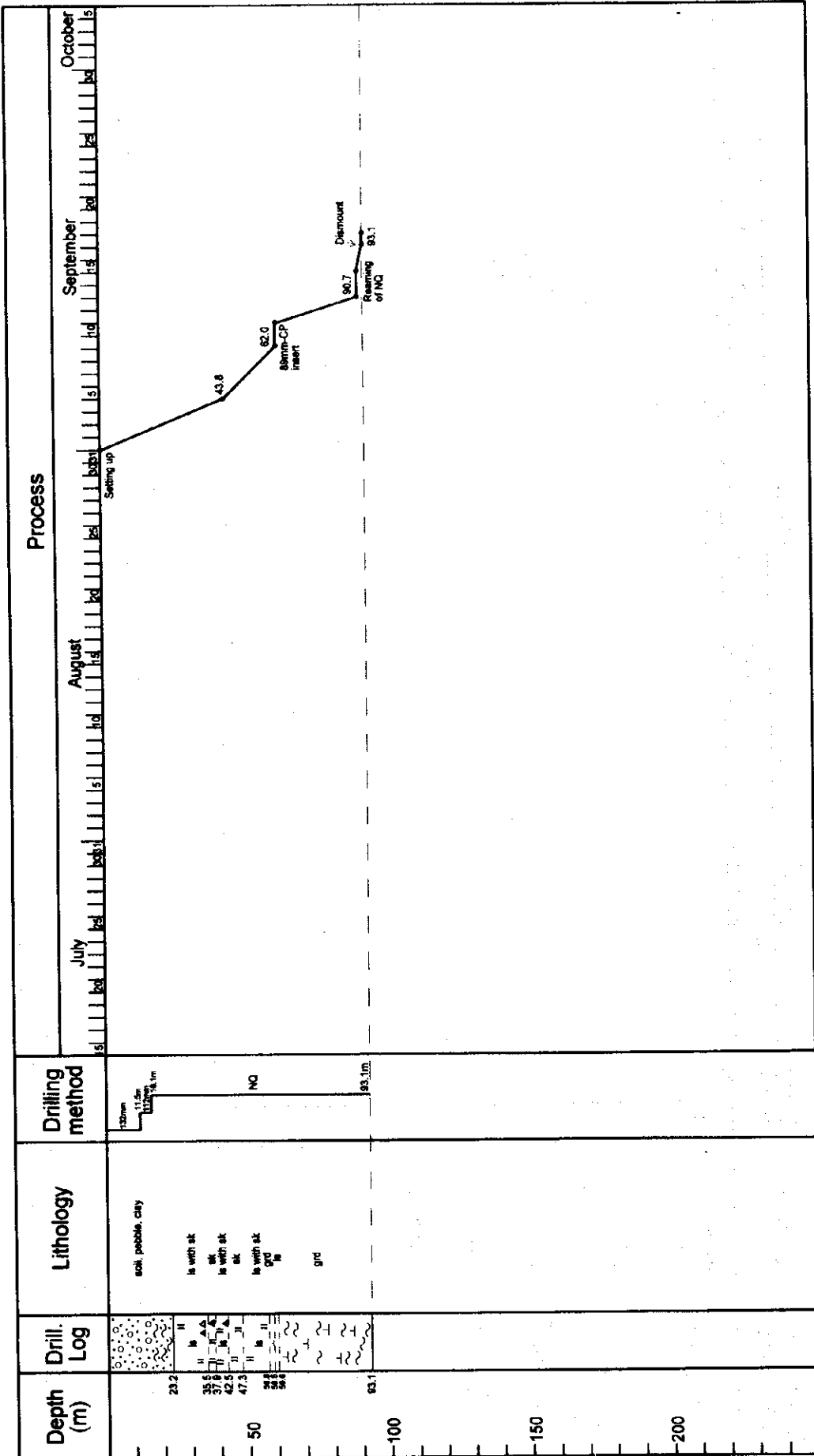
Appendix 18 (5) Progress Record of MJKK-5

(MJKK-6)



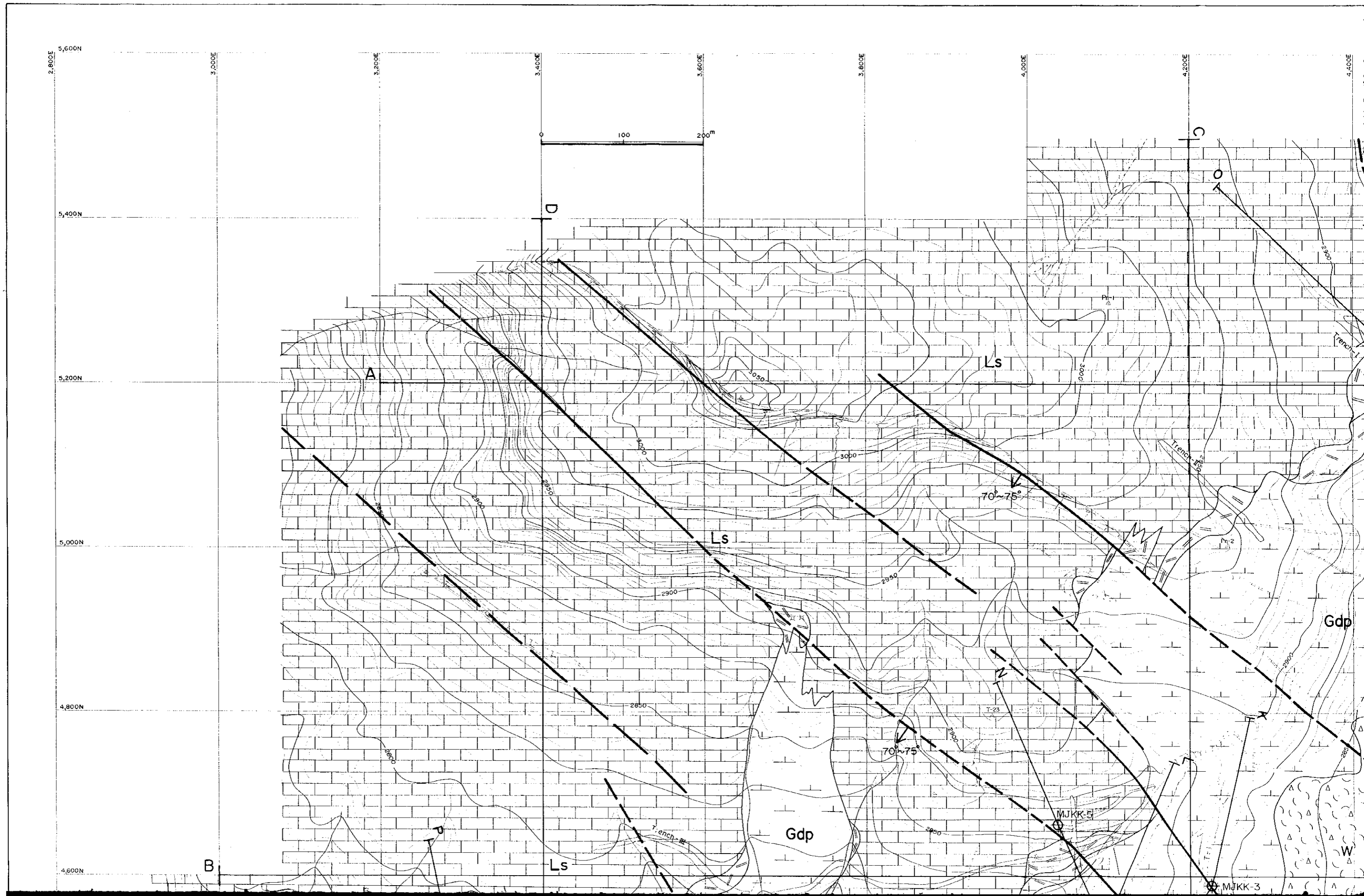
Appendix 18 (6) Progress Record of MJKK-6

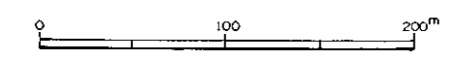
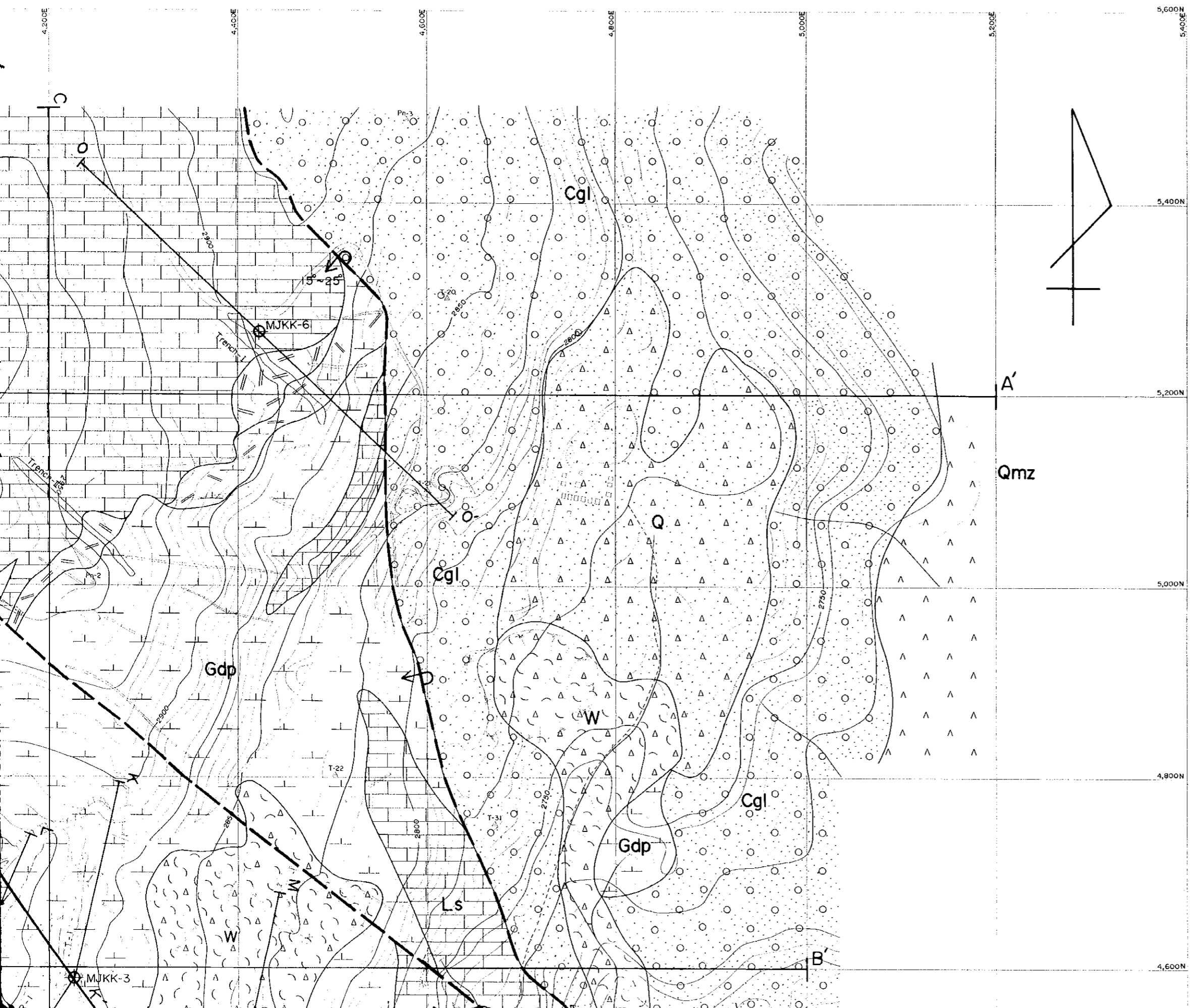
(MJKK-7)



Appendix 18 (7) Progress Record of MJKK-7



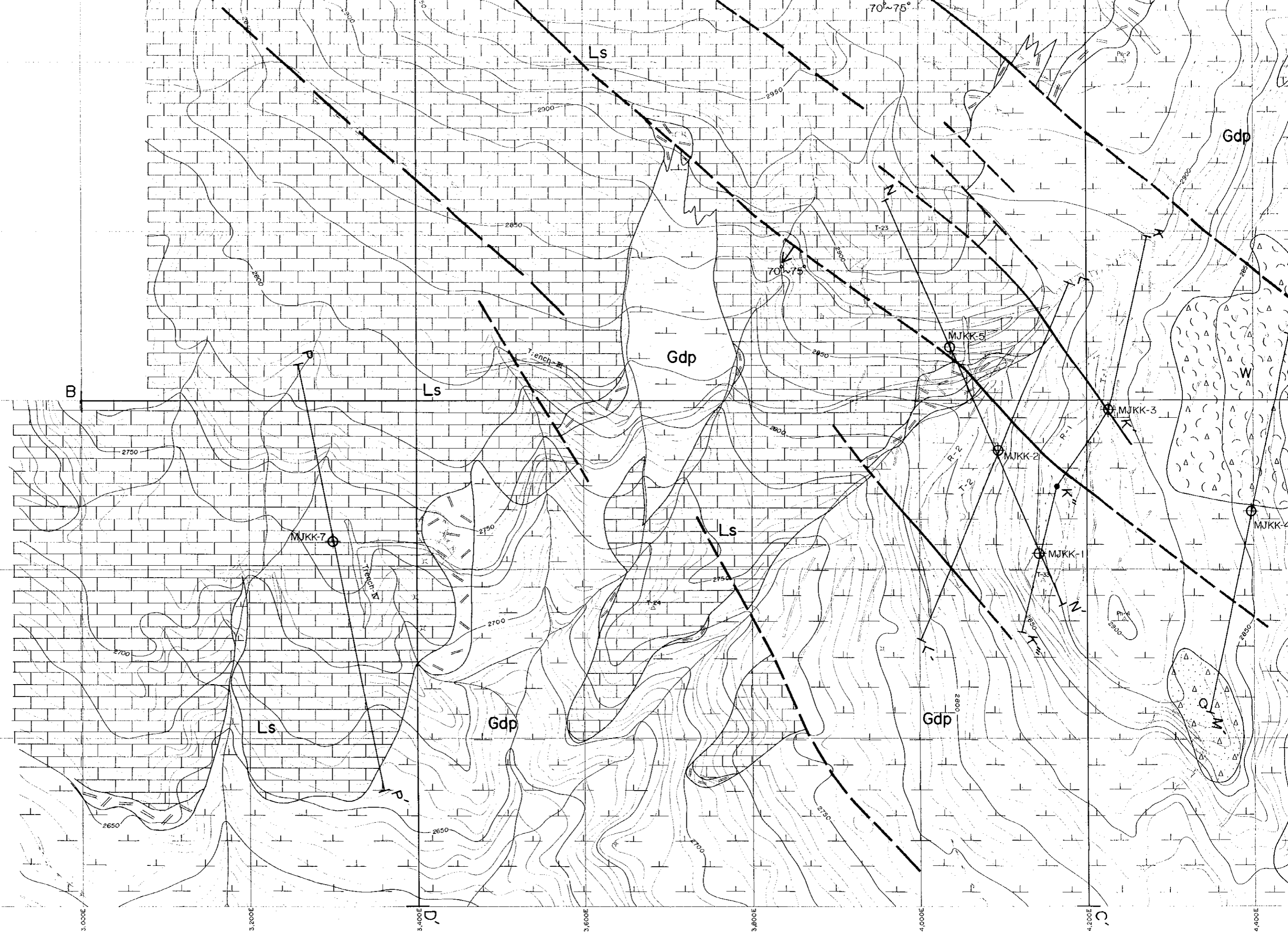




**LEGEND**

- W** Excavated rocks, Dump of ancient extraction
- Q** Soil, Sand, Gravel
- Cgl** Conglomerate
- Ls** Limestone
- Gdp** Granodiorite porphyry
- Qmz** Quartz monzonite
- Sk** Skarn
- Thrust**
- Fault**

5,000N  
4,800N  
4,600N  
4,400N  
4,200N  
4,000N  
2,800E  
3,000E  
3,200E  
3,400E  
3,600E  
3,800E  
4,000E  
4,200E  
4,400E

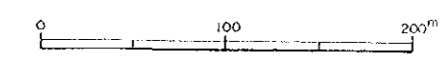
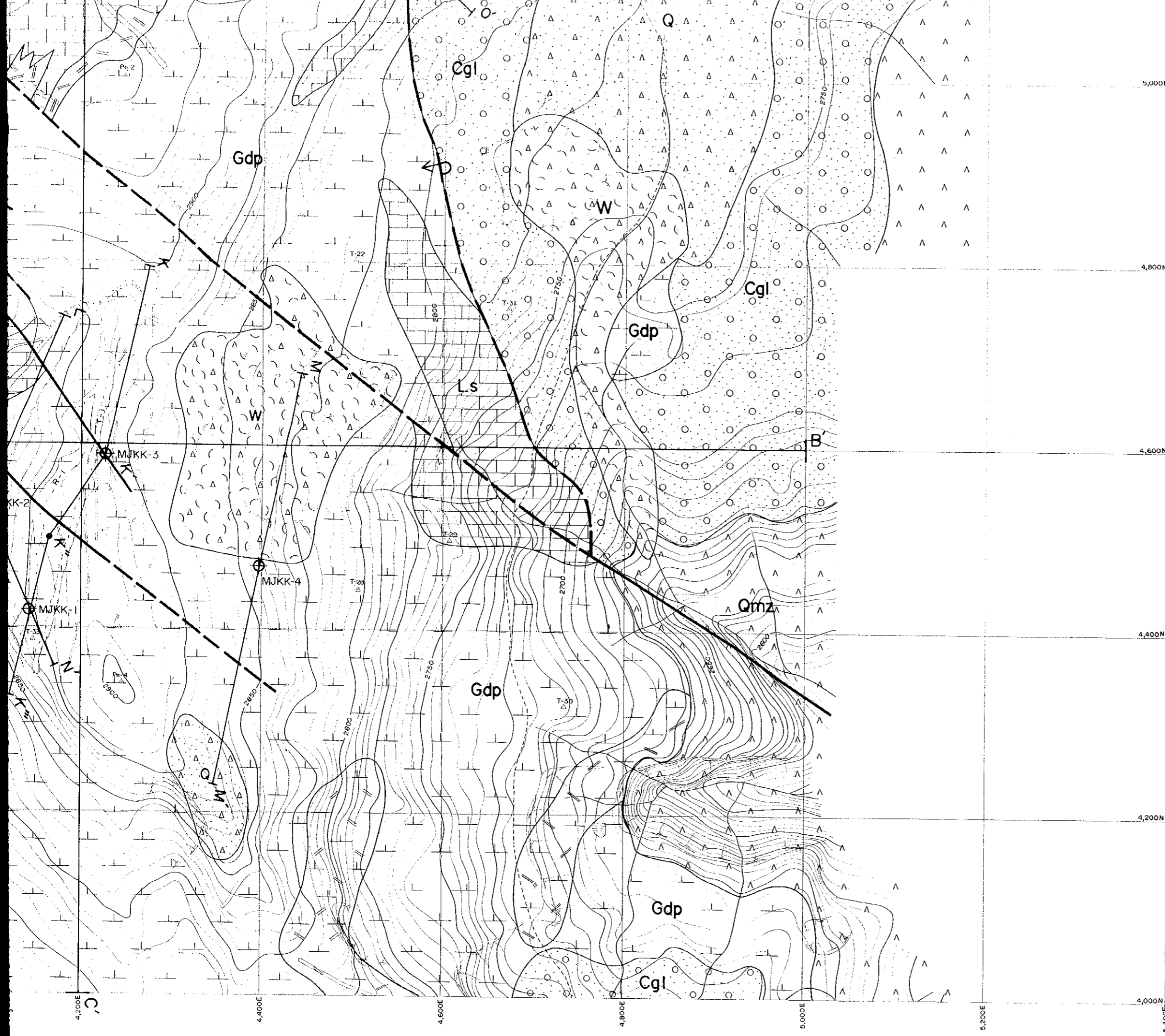


B

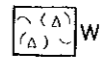
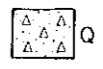
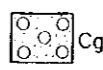


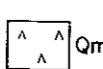
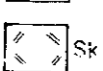
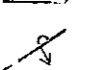
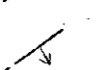
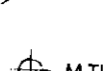
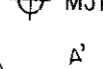
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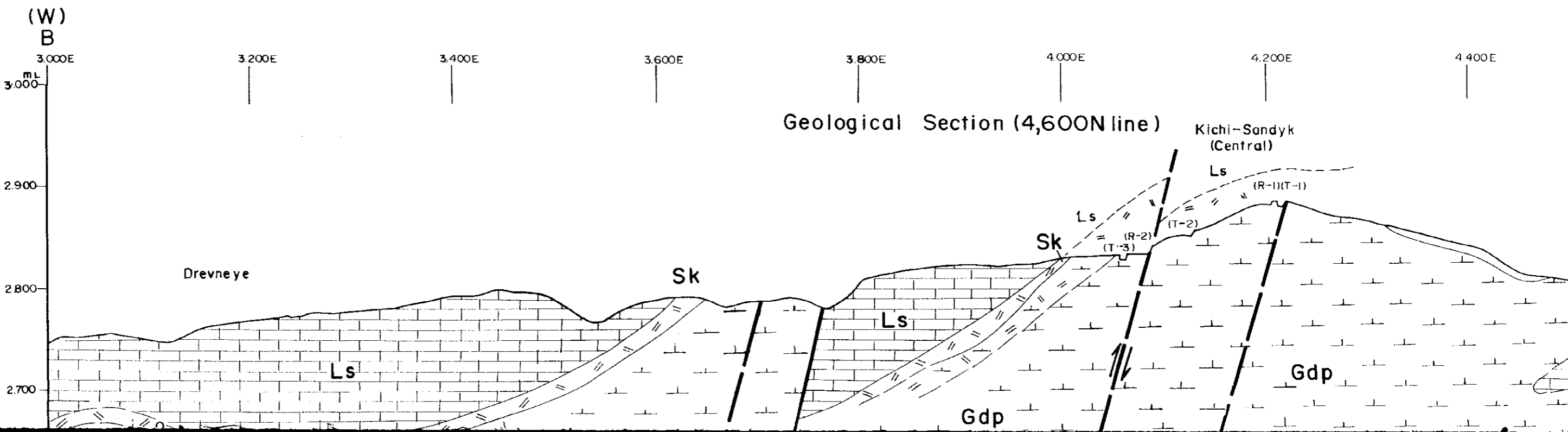
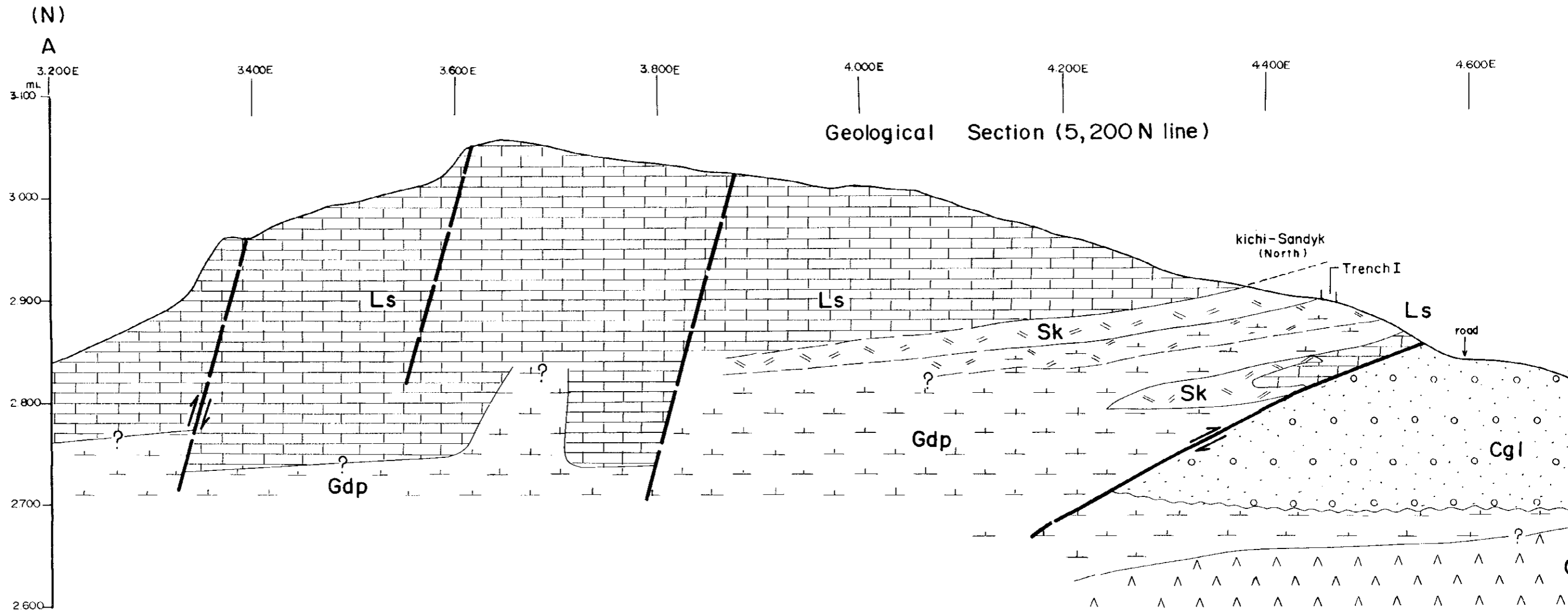
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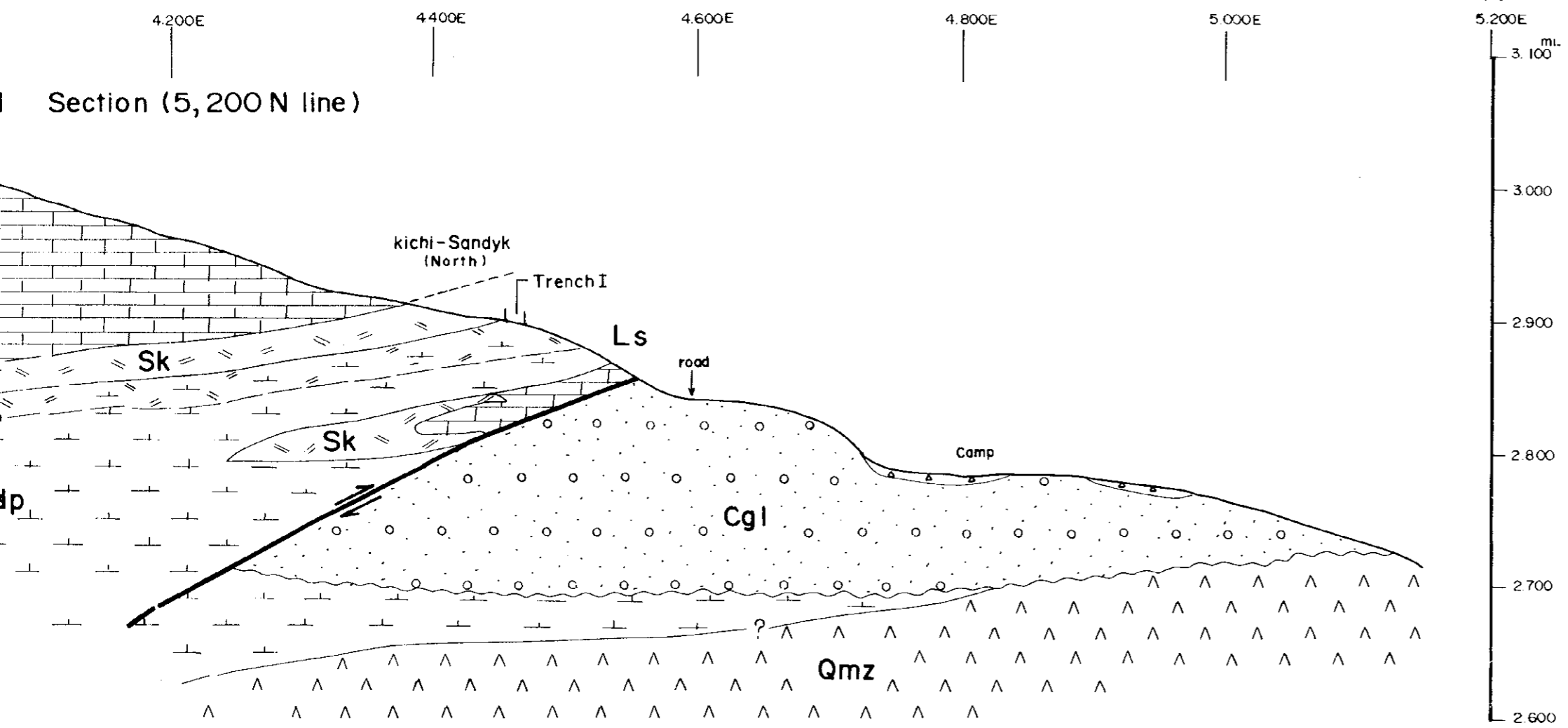


LEGEND

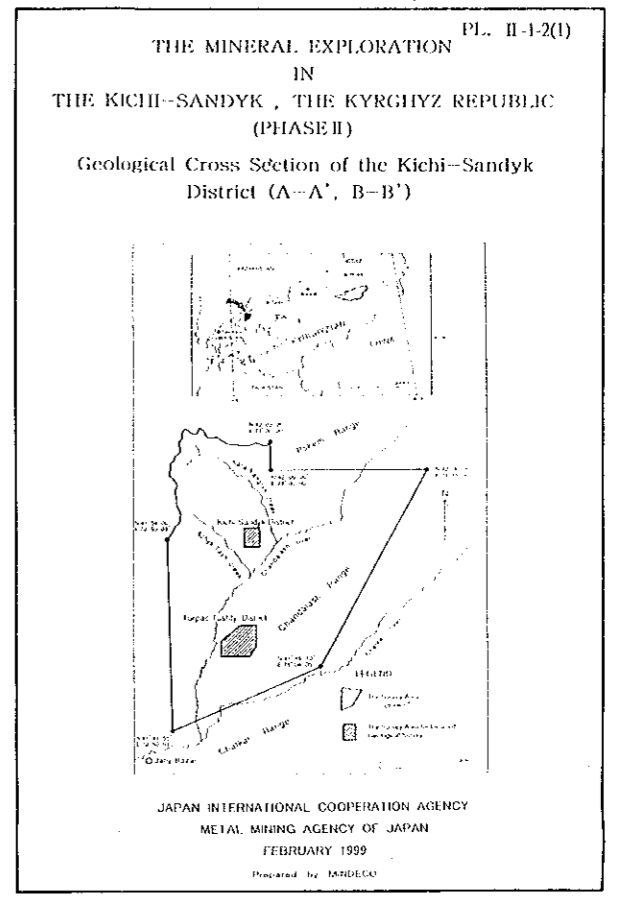
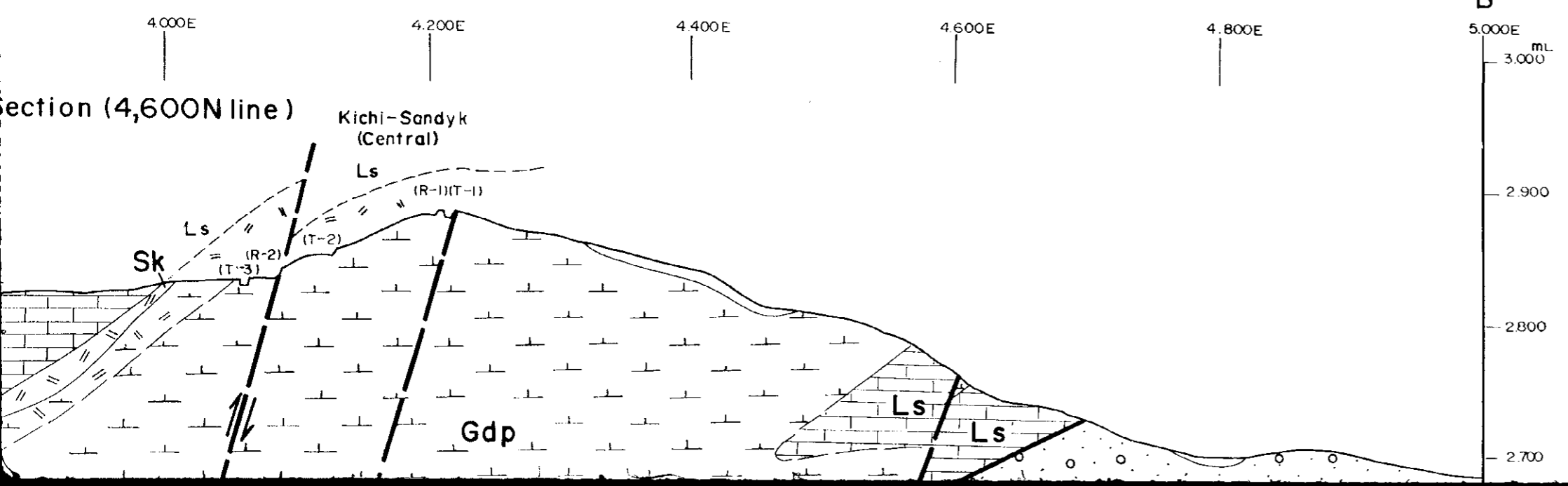
-  W Excavated rocks, Dump of ancient extraction
-  Q Soil, Sand, Gravel
-  Cgl Conglomerate
-  Ls Limestone
-  Gdp Granodiorite porphyry
-  Qmz Quartz monzonite
-  Sk Skarn
-  Thrust
-  Fault
-  MJKK-1 Drill Hole
-  A A' Line of geological section



Section (5,200 N line)

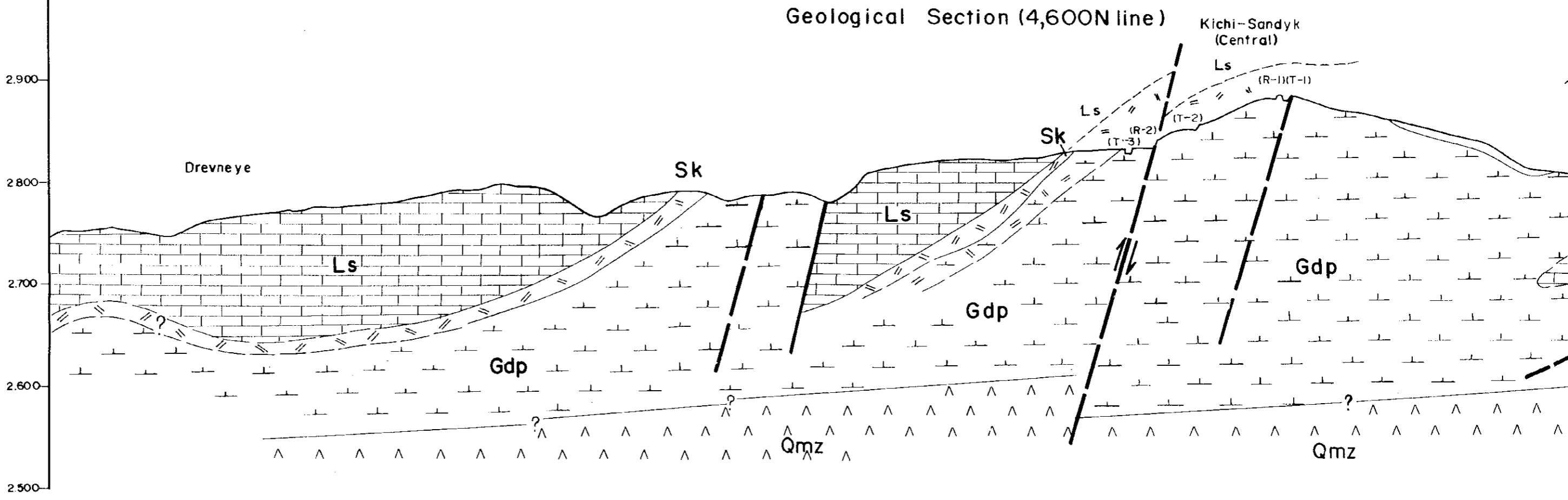
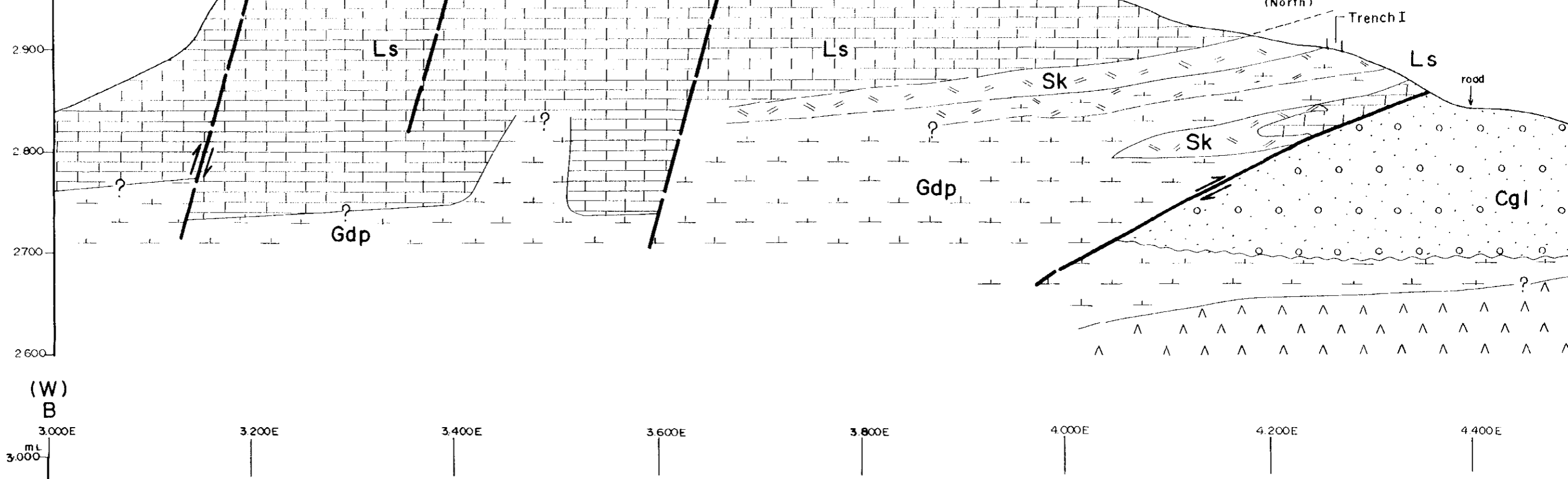


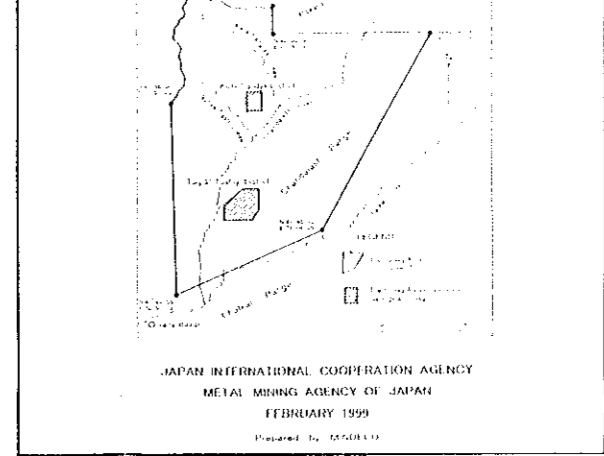
Section (4,600 N line)



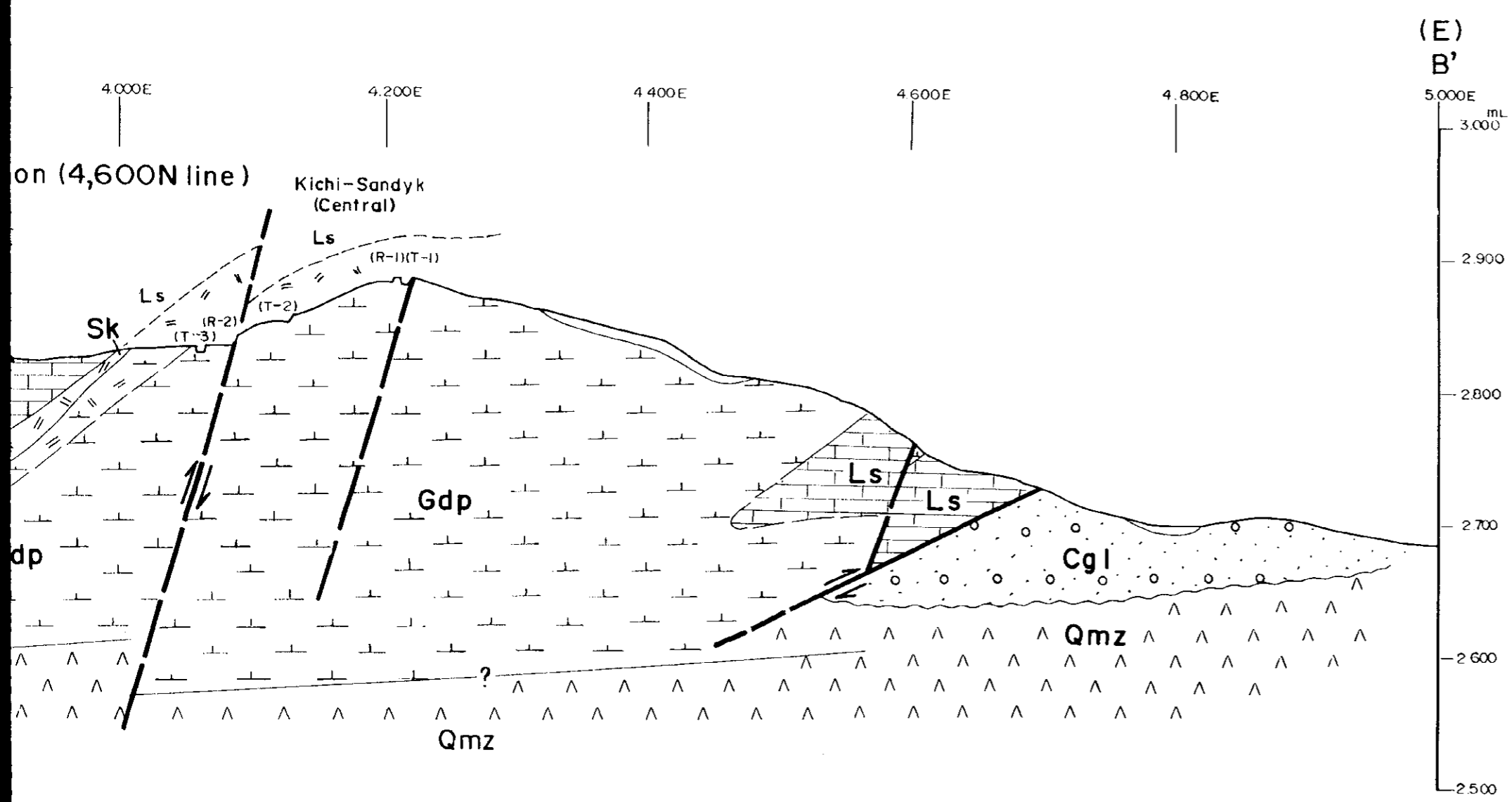
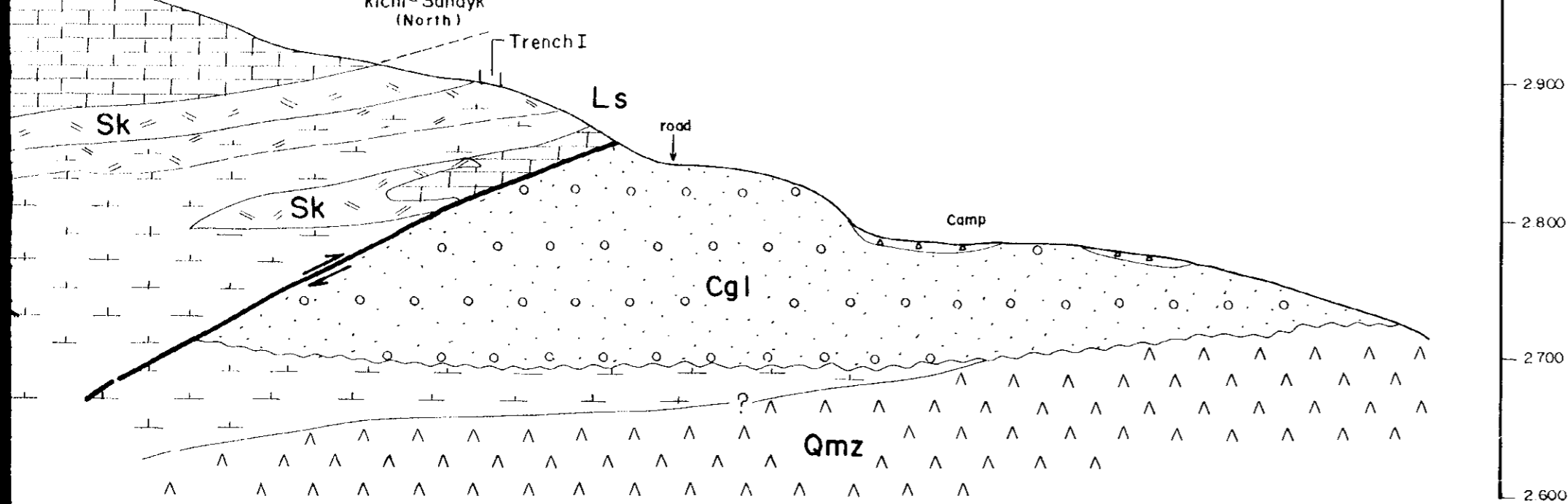
LEGEND

- W waste, ancient extractions
- Quaternary Q sand clay unconsolidated sediments
- Tertiary(?) C conglomerate
- Carboniferous Ls limestone
- Permian Gdp granodiorite porphyry (chalmersay complex)
- Carboniferous Qmz quartz monzonite (sandalash complex)
- massive skarn (exo skarn)
- limestone with skarn



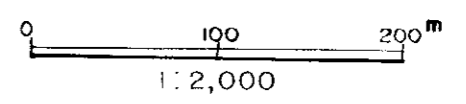


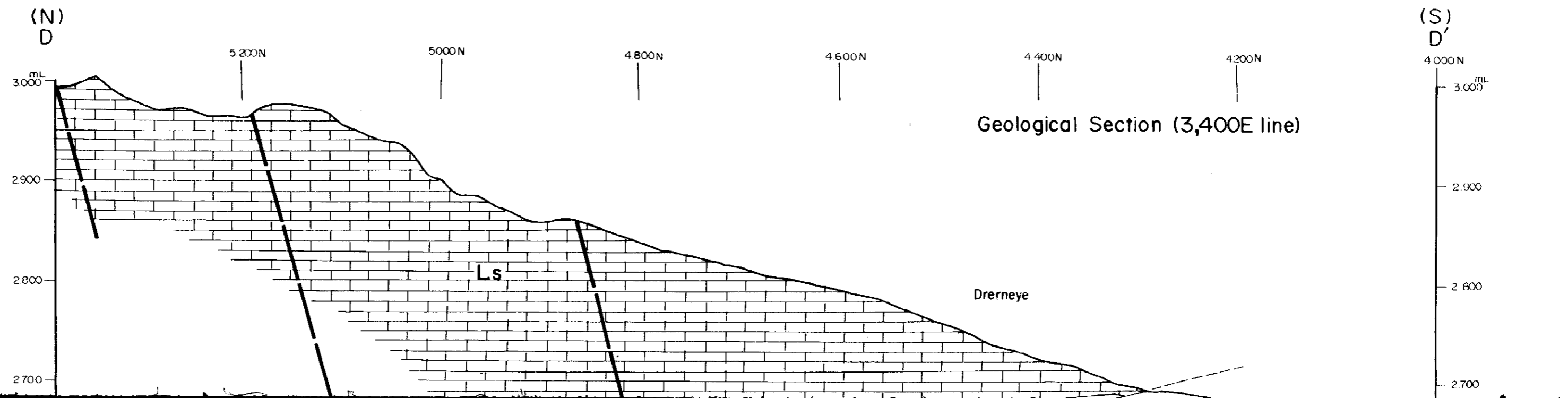
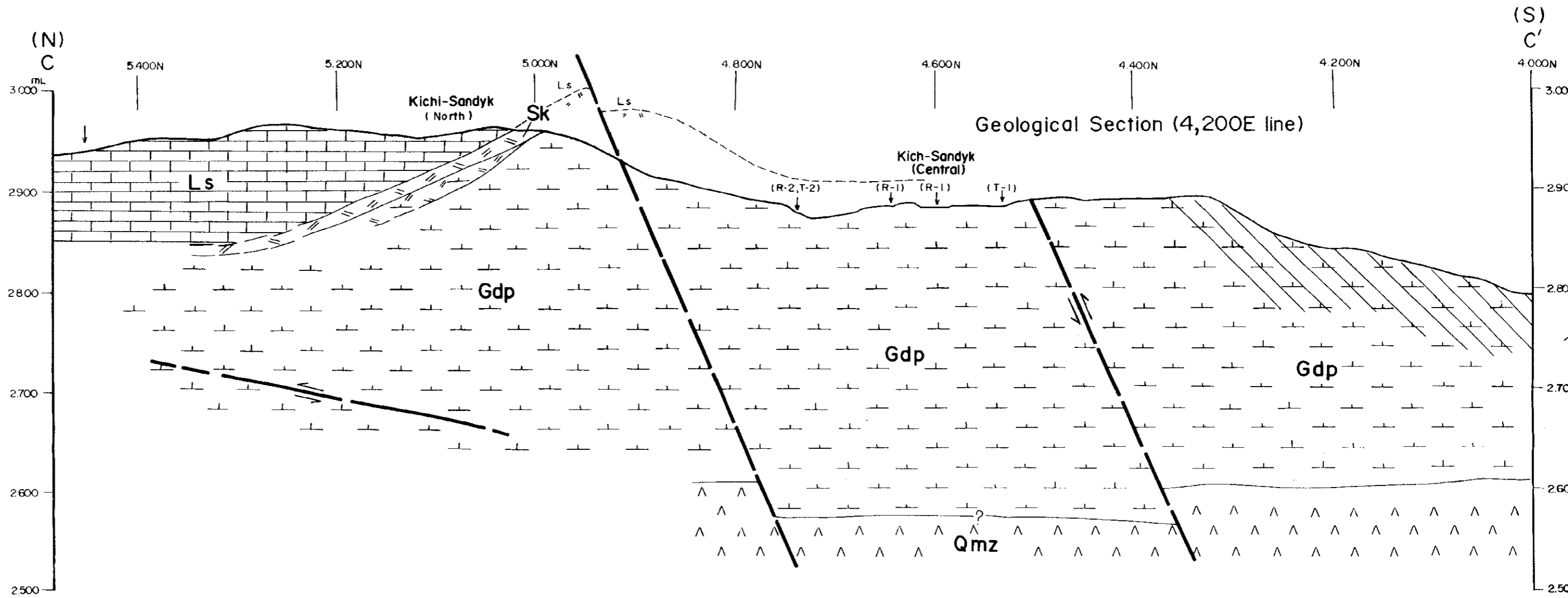
JAPAN INTERNATIONAL COOPERATION AGENCY  
 METAL MINING AGENCY OF JAPAN  
 FEBRUARY 1999  
 Prepared by: KAZUOKI

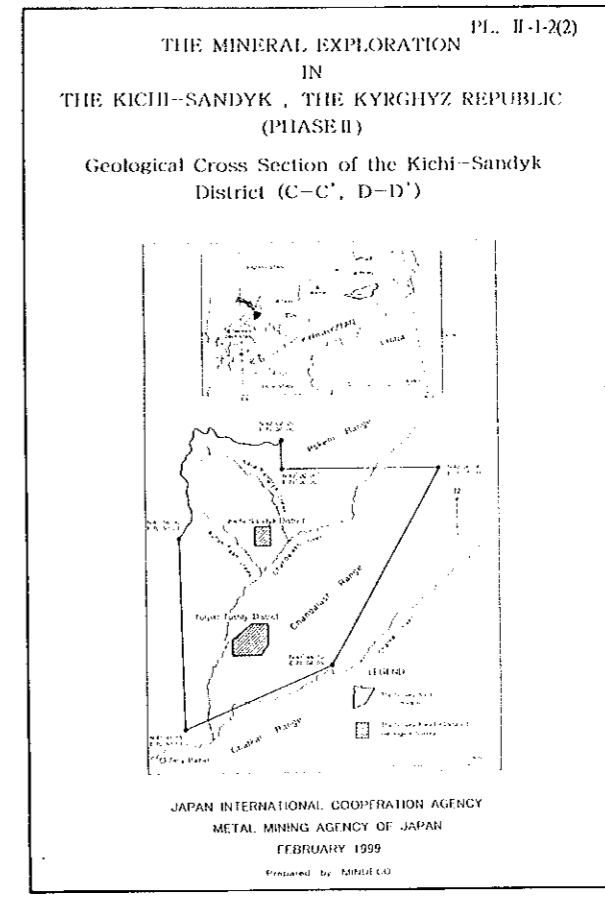
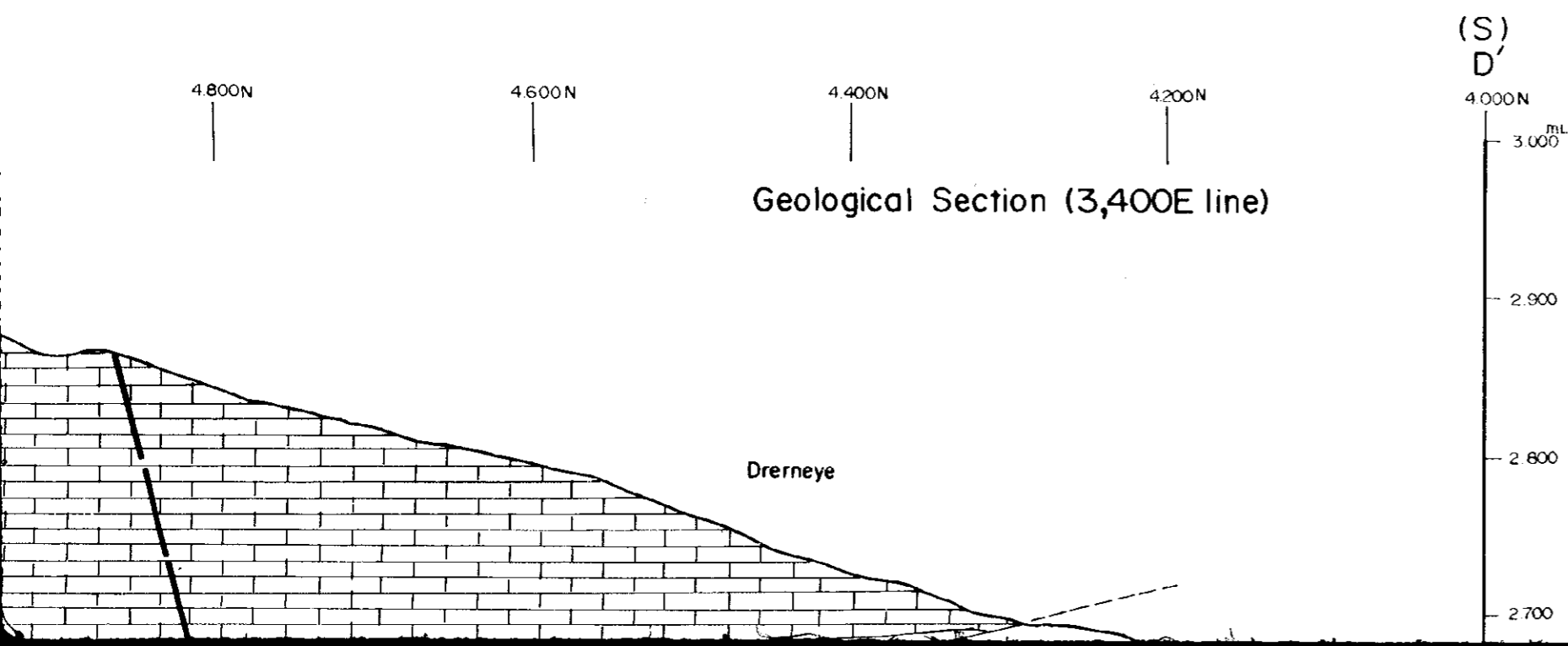
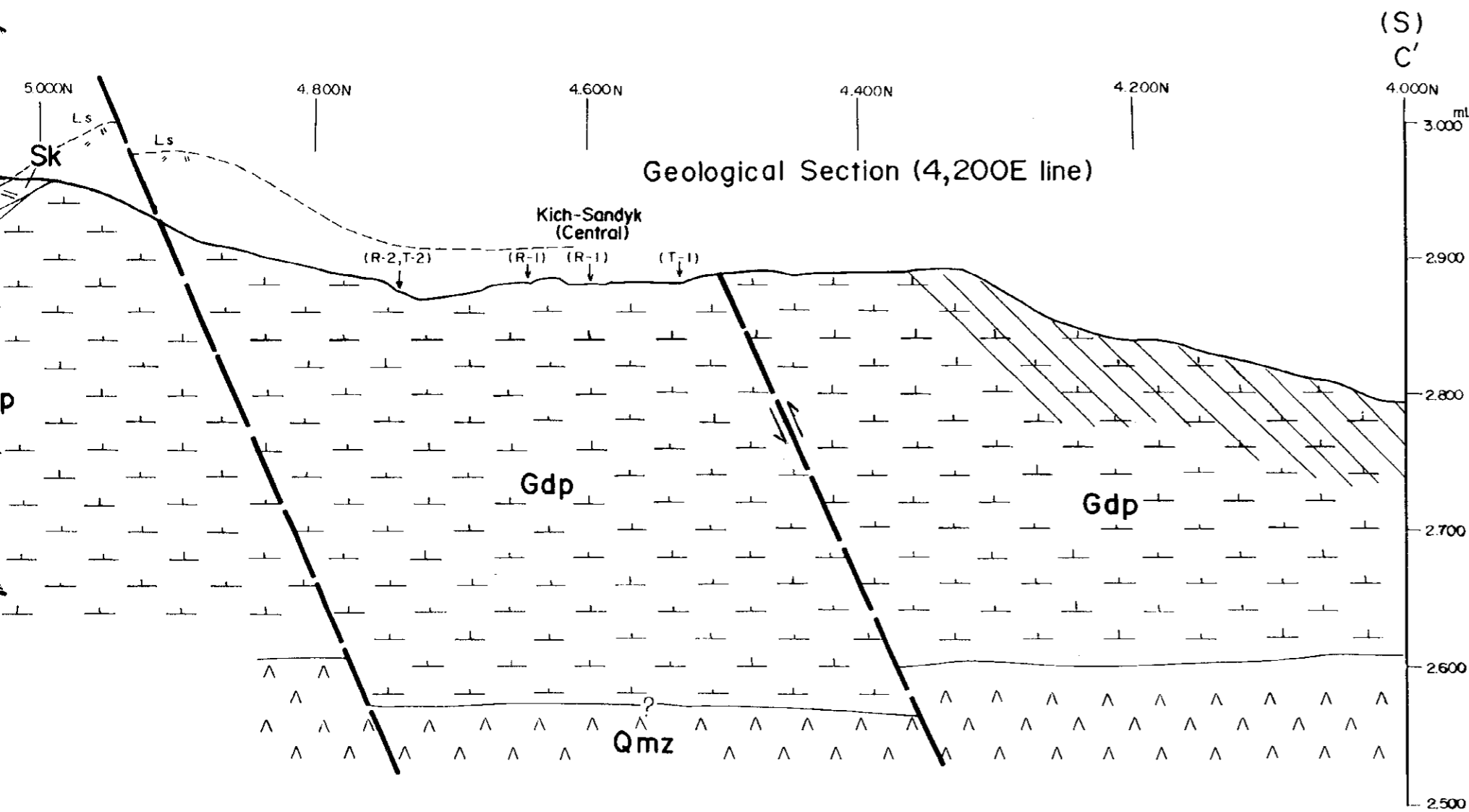


**LEGEND**

- W** waste, ancient extractions
- Quaternary** **Q** sand clay unconsolidated sediments
- Tertiary (?)** **C** Conglomerate
- Carboniferous** **Ls** limestone
- Permian** **Gdp** granodiorite porphyry (chalmersay complex)
- Carboniferous** **Qmz** quartz monzonite (sandalash complex)
- massive skarn (exo skarn)
- limestone with skarn
- granodiorite porphyry with skarn
- silicified granodiorite porphyry
- fault
- inferred fault

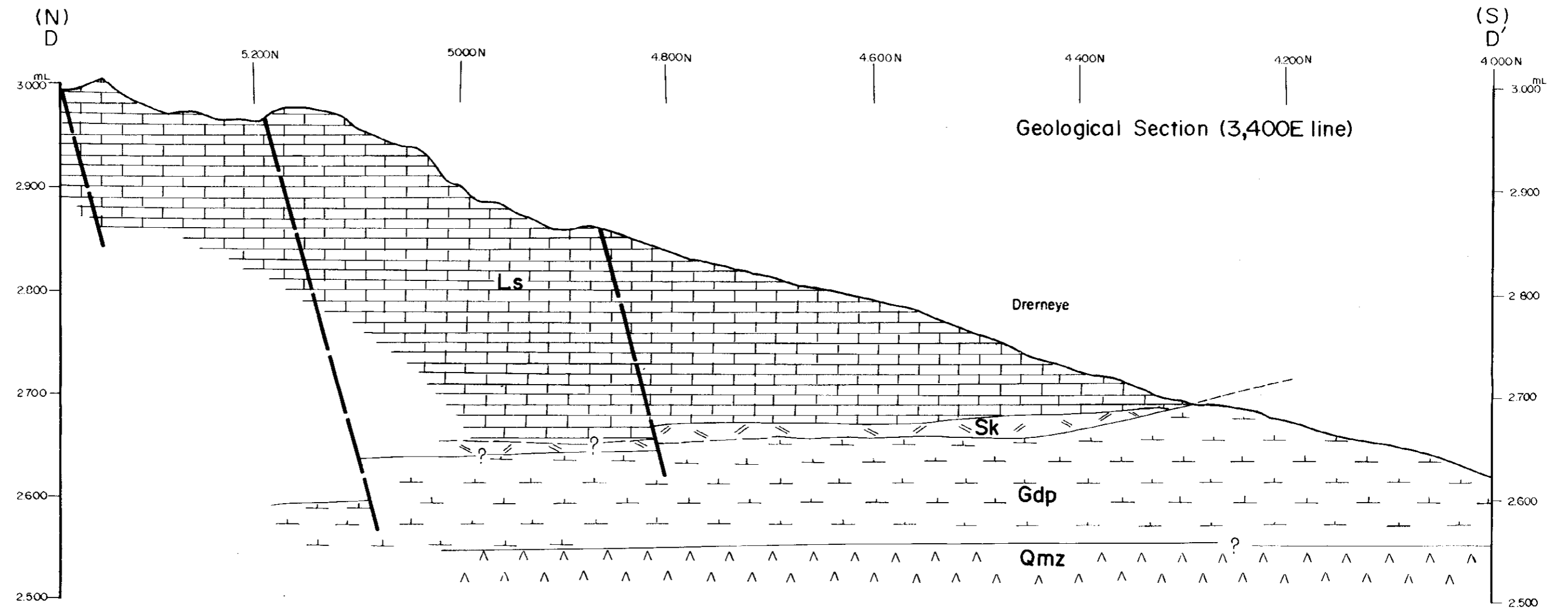
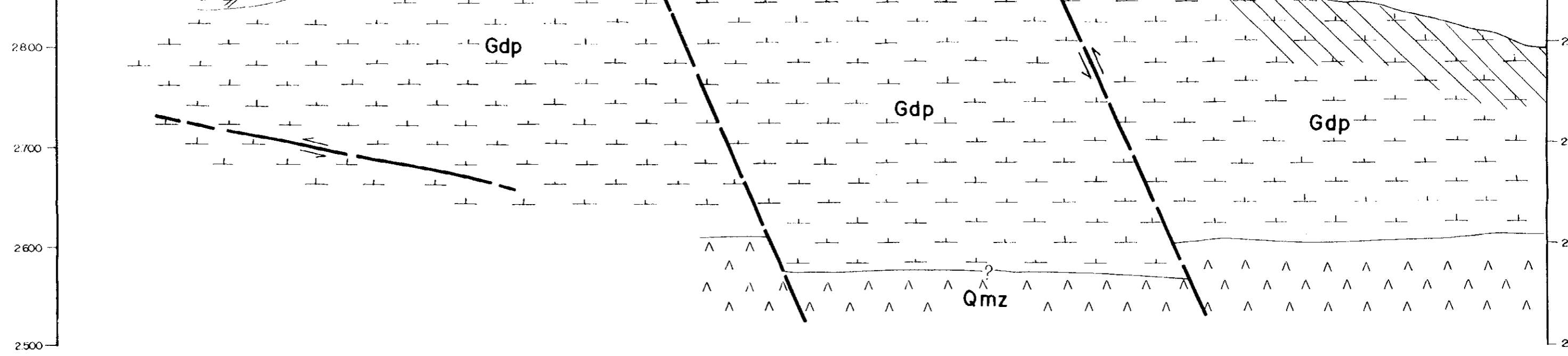






LEGEND

- W waste, ancient extractions
- Quaternary Q sand, clay unconsolidated sediments
- Tertiary (?) C conglomerate
- Carboniferous Ls limestone
- Permian Gdp granodiorite porphyry (chalmersay complex)
- Carboniferous Qmz quartz monzonite (sandash complex)
- massive skarn (exo skarn)
- limestone with skarn

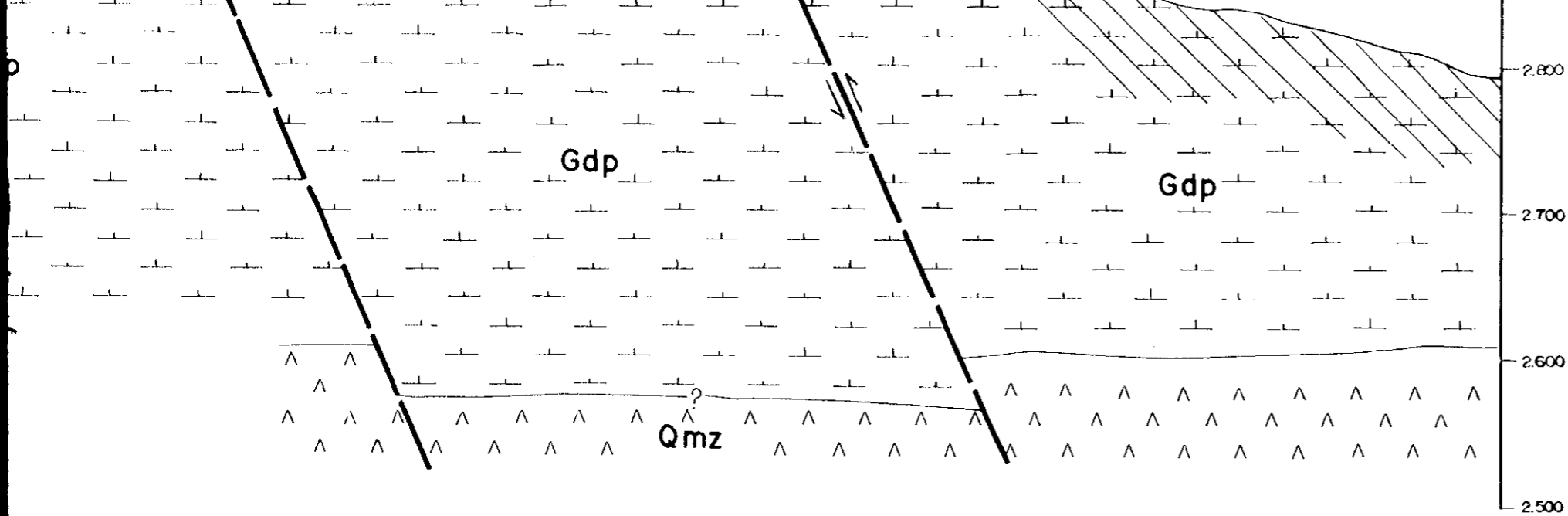
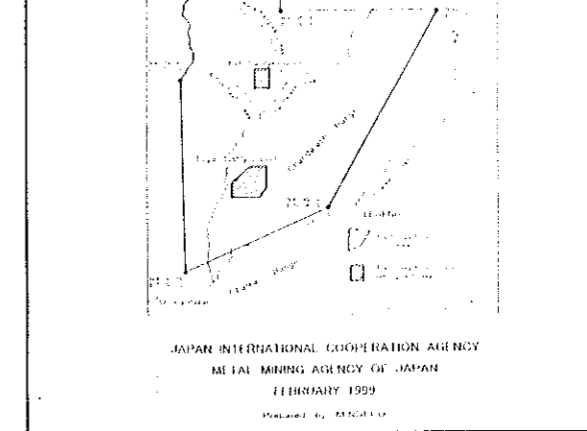


(N)  
D

(S)  
D'

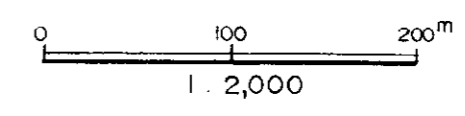
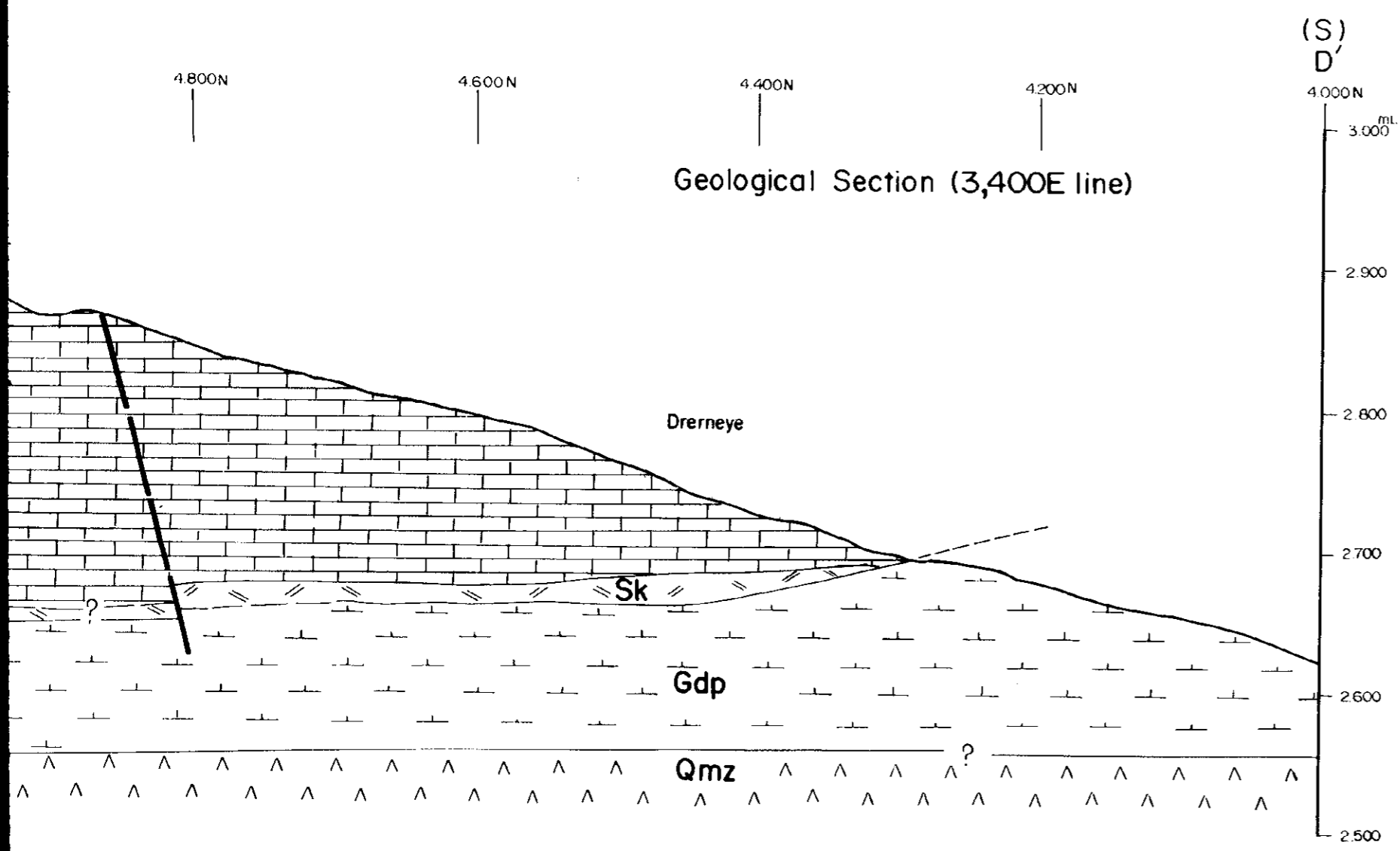
Geological Section (3,400E line)





**LEGEND**

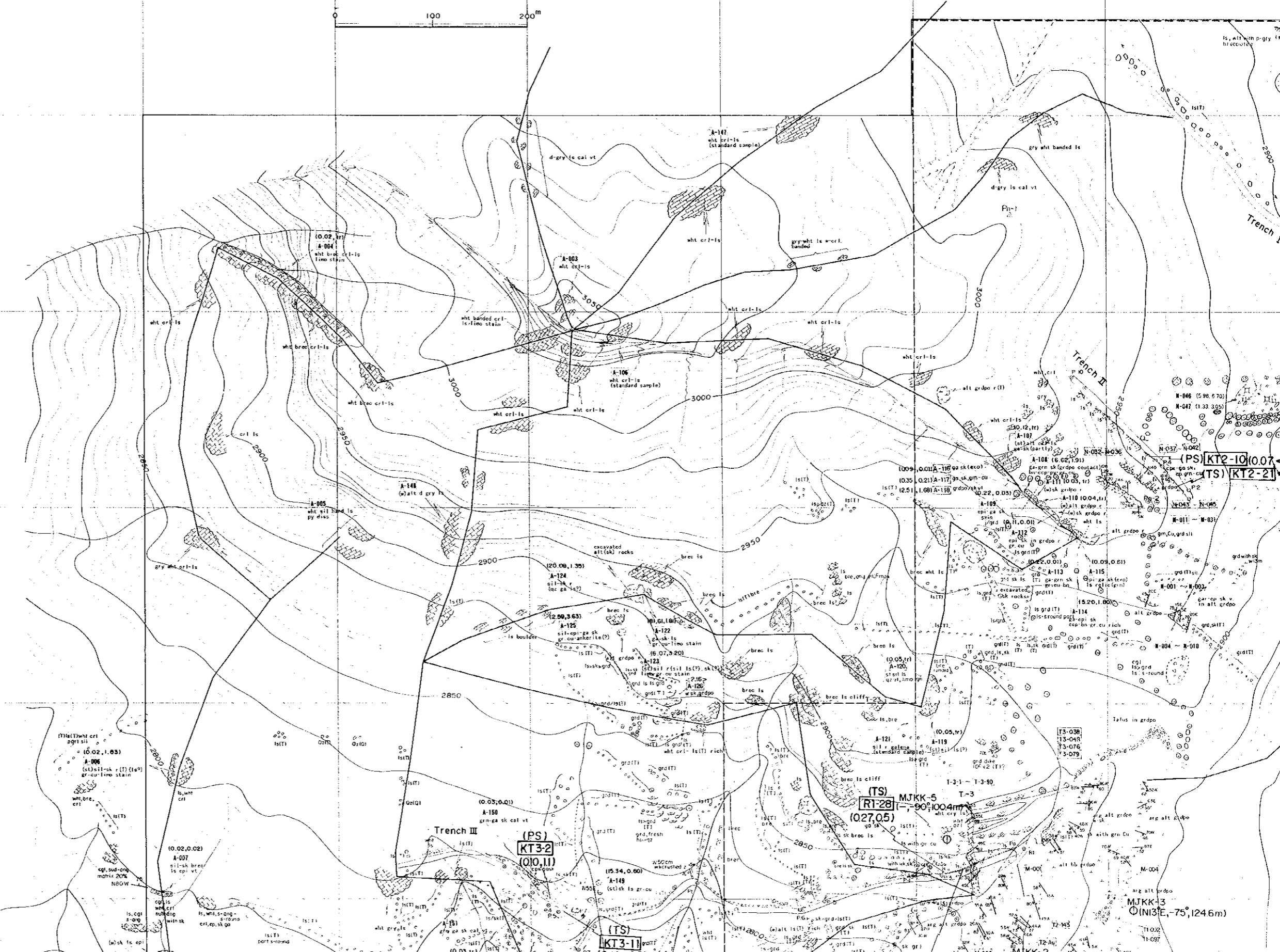
- |               |  |     |  |
|---------------|--|-----|--|
|               |  | W   | waste, ancient extractions                 |
| Quaternary    |  | Q   | sand, clay unconsolidated sediments        |
| Tertiary (?)  |  | C   | conglomerate                               |
| Carboniferous |  | Ls  | limestone                                  |
| Permian       |  | Gdp | granodiorite porphyry (Chalmersay complex) |
| Carboniferous |  | Qmz | quartz monzonite (Sandalash complex)       |
|               |  |     | massive skarn (exo skarn)                  |
|               |  |     | limestone with skarn                       |
|               |  |     | granodiorite porphyry with skarn           |
|               |  |     | silicified granodiorite porphyry           |
|               |  |     | fault                                      |
|               |  |     | inferred fault                             |



2,800E  
3,000E  
3,200E  
3,400E  
3,600E  
3,800E  
4,000E  
4,200E

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

0 100 200m



(PS)  
**KT3-2**  
(10, 11)

(TS)  
**KT3-1**  
(0.14, -0.05)

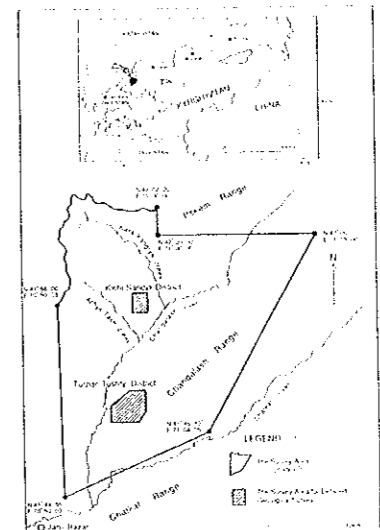
(TS) MJKK-5  
**RI-28**  
(027, 05)

(PS)  
**MJKK-2**  
(IN23'E, -75, 124.6m)

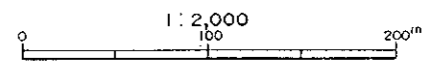
**MJKK-3**  
(IN31'E, -75, 124.6m)

(PS) **KT2-10** (0.07, -0.05)  
(TS) **KT2-21**

THE MINERAL EXPLORATION PL. II-1-3  
 IN  
 THE KICHI-SANDYK, THE KYRGHYZ REPUBLIC  
 (PHASE II)  
 Location Map of Rock Samples in the Kichi-Sandyk District



JAPAN INTERNATIONAL COOPERATION AGENCY  
 METAL MINING AGENCY OF JAPAN  
 FEBRUARY 1999  
 Prepared by MANDCO

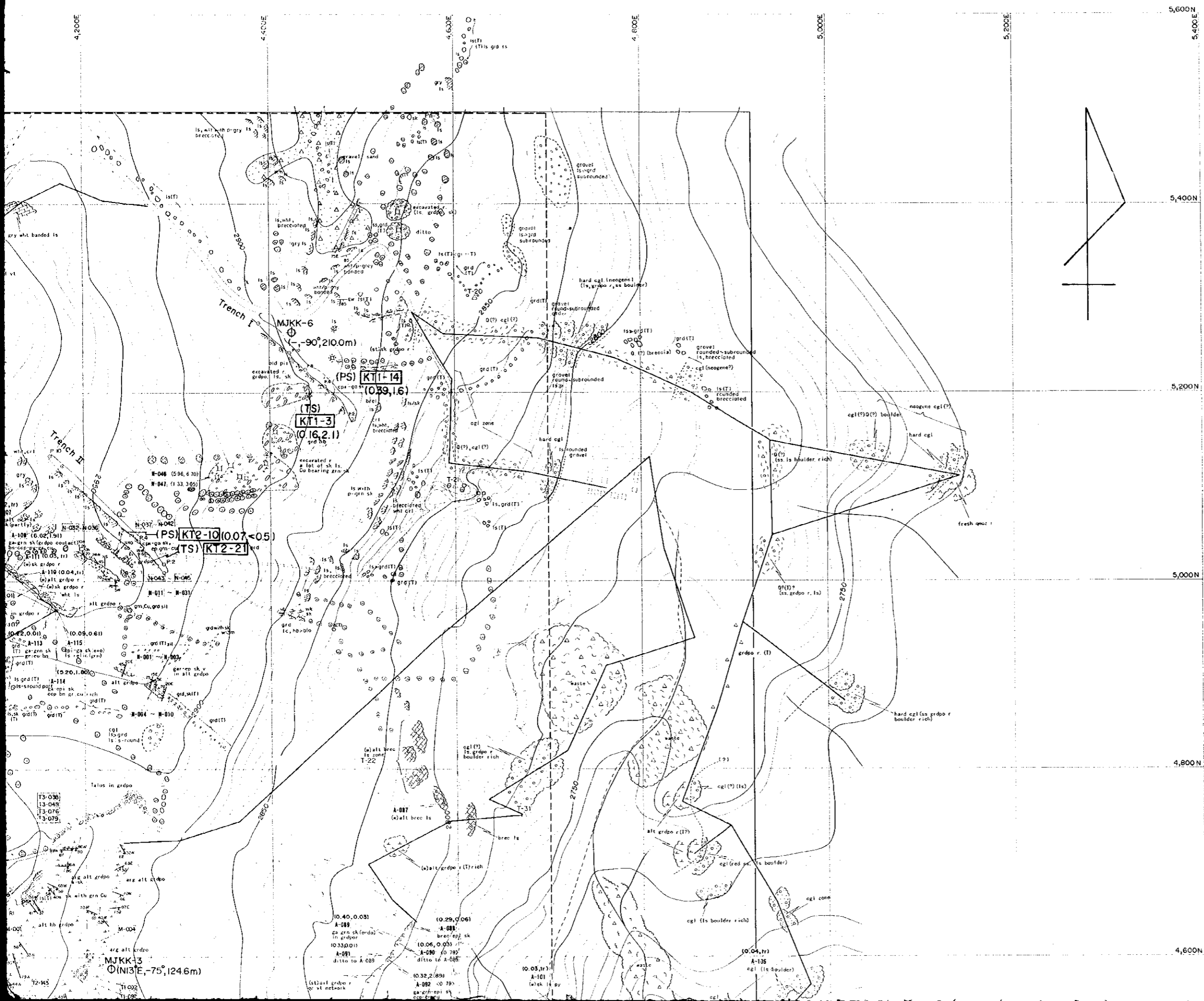


LEGEND

- W Excavated rocks, Dump of ancient extraction
- Q Soil, Sand, Gravel
- Cgl Conglomerate
- Ls Limestone
- Gdp Granodiorite porphyry
- Qmz Quartz monzonite
- Sk Skarn

MJKK-1 Drill Hole

(TS) (laboratory work)



5,000N  
4,800N  
4,600N  
4,400N  
4,200N  
4,000N  
2,800E  
3,000E  
3,200E  
3,400E  
3,600E  
3,800E  
4,000E  
4,200E  
4,400E



Trench III  
(PS)  
KT3-2  
(010,11)

(TS)  
R1-28  
(027,05)

(TS)  
KT3-11  
(014,05)

MJJK-7  
(TS)  
R1-70  
(054,05)

(TS)  
R1-49  
(003,05)

(PS)  
R1-56  
(090,07)

(PS)  
R1-17  
(072,97)

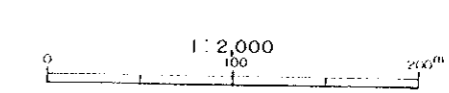
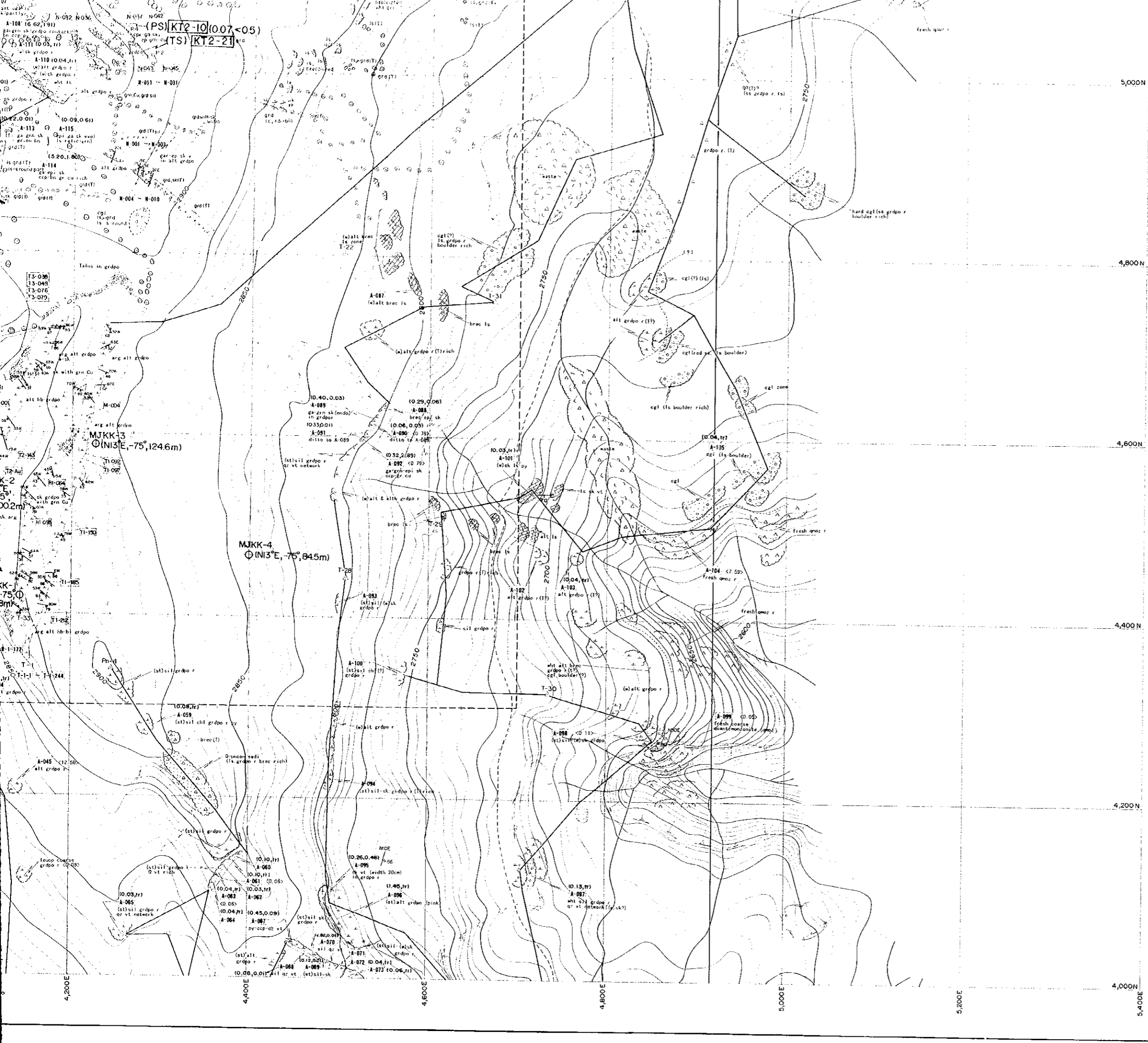
MJJK-2  
(N13°E, 75°)  
(1002m)

MJJK-3  
(N13°E, 75°)  
(1246m)

MJJK-4  
(N13°E, 75°)  
(1078m)

MJJK-4  
(N13°E, 75°)

(0,10,10)  
A-060  
(0,10,10)  
A-061  
(0,04,10)  
A-062  
(0,05,10)  
A-063  
(0,04,10)  
A-064  
(0,04,10)  
A-065  
(0,04,10)  
A-066  
(0,04,10)  
A-067  
(0,04,10)  
A-068  
(0,04,10)  
A-069  
(0,04,10)  
A-070  
(0,04,10)



**LEGEND**

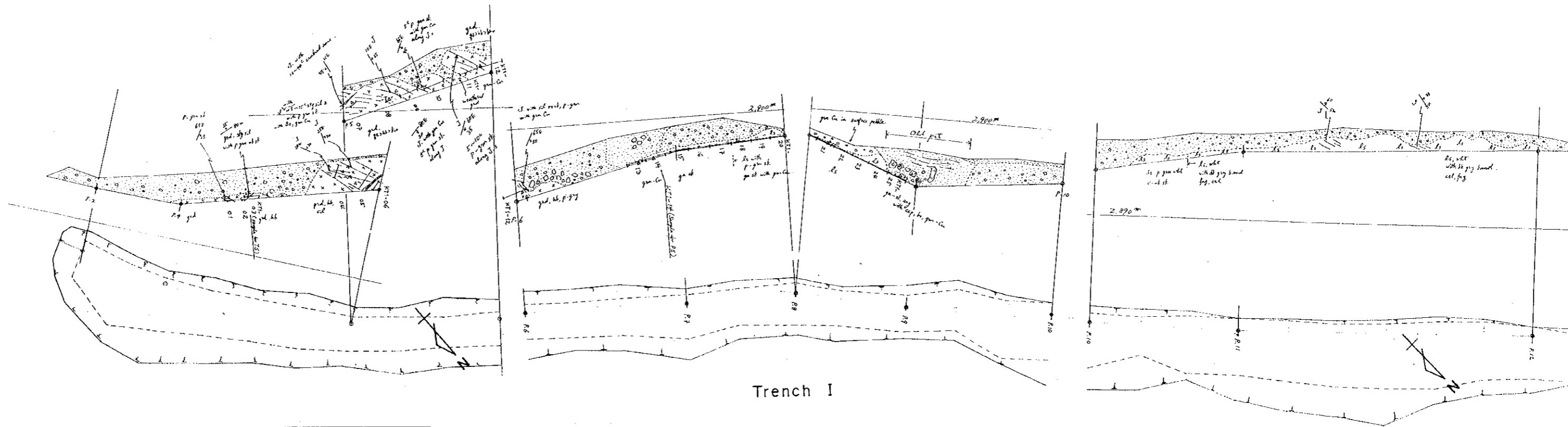
- W Excavated rocks, Dump of ancient extraction
- Q Soil, Sand, Gravel
- Cgl Conglomerate
- Ls Limestone
- Gdp Granodiorite porphyry
- Qmz Quartz monzonite
- Sk Skarn
- MJKK-1 Drill Hole

(TS) (laboratory work)  
**KT1-3** Sample No.  
 (0.16, 2.1) (Au %t, Cu %)

**laboratory works**

- TS : Thin Section
- PS : Polished Thin Section
- XR : X-ray diffraction
- FI : Fluid Inclusion

(0.04, tr) (Au %t, Cu %)  
**A-105** Sample No. in 1997 (Phase I)

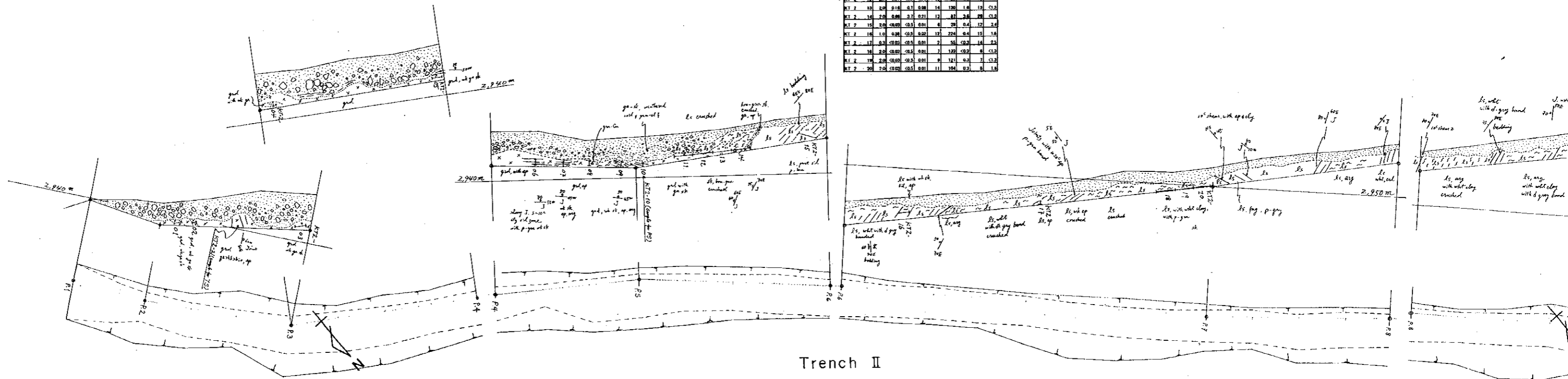


Trench I

Sample No	Moisture	Organic Matter	Ca	Mg	P	K	N	Other
NT 1 1	4.0	0.17	0.05	0.04	14	17	0.4	20
NT 1 2	8.4	0.29	0.06	0.04	13	24	0.4	21
NT 1 3	2.1	0.14	0.1	0.04	19	19	2.7	1.9
NT 1 4	1.2	1.24	0.3	0.22	35	40	1.2	16
NT 1 5	2.2	0.04	0.04	0.04	20	20	2.4	11
NT 1 6	1.0	0.02	0.02	0.02	40	39	3.1	7
NT 1 7	0.7	0.22	1.4	0.11	29	31	1.7	12
NT 1 8	0.5	0.26	3.7	0.15	52	24	2.2	14
NT 1 9	1.4	0.13	1.2	0.04	29	33	1.8	5
NT 1 10	2.4	0.04	0.04	0.04	24	21	0.8	5
NT 1 11	1.8	0.13	1.8	0.14	25	41	1.6	17
NT 1 12	2.5	0.04	0.04	0.04	44	26	2.3	26
NT 1 13	2.0	0.05	0.5	0.05	5	13	0.3	20

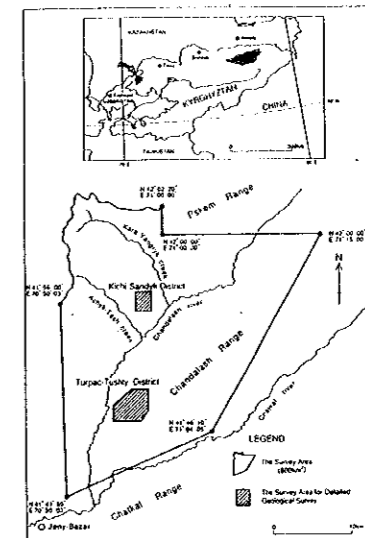
Sample No	Moisture	Organic Matter	Ca	Mg	P	K	N	Other
NT 1 14	2.0	0.29	1.4	0.04	5	21	0.3	31
NT 1 15	1.1	0.02	0.02	0.02	4	11	0.03	32
NT 1 16	2.4	0.04	0.04	0.04	2	29	0.2	14
NT 1 17	2.0	0.02	0.02	0.02	7	12	0.2	12
NT 1 18	1.0	0.04	0.02	0.02	5	1	0.4	14
NT 1 19	1.4	0.02	0.02	0.02	4	1	0.2	5
NT 1 20	2.4	0.12	1.1	0.04	4	7	0.2	10
NT 1 21	2.0	0.05	1.2	0.10	5	1	0.2	12
NT 1 22	3.1	0.18	0.4	0.30	4	1.2	0.4	12
NT 1 23	1.8	0.04	0.02	0.02	2	12	0.4	0.2
NT 1 24	3.1	0.04	0.02	0.02	5	13	0.4	0.2
NT 1 25	2.0	0.14	0.4	0.24	4	24	2.4	0.2

Sample No	Moisture	Organic Matter	Ca	Mg	P	K	N	Other
NT 2 1	1.0	0.17	0.04	0.11	22	26	0.3	14
NT 2 2	0.5	0.14	0.02	0.02	12	17	0.4	10
NT 2 3	1.2	0.02	0.02	0.02	16	44	4.2	9
NT 2 4	0.2	0.02	0.02	0.02	17	24	0.5	14
NT 2 5	1.0	0.10	0.02	0.02	35	31	2.1	16
NT 2 6	0.4	0.04	0.02	0.02	20	20	1.0	7
NT 2 7	0.4	0.04	0.04	0.04	14	194	1.0	12
NT 2 8	0.4	1.05	0.1	0.04	20	34	3.6	2.6
NT 2 9	0.4	0.02	0.02	0.02	15	40	2.1	4
NT 2 10	0.4	0.02	0.02	0.02	11	26	0.4	5
NT 2 11	2.0	0.02	0.02	0.02	12	30	1.4	22
NT 2 12	2.0	0.2	0.02	0.04	15	30	1.4	12
NT 2 13	2.4	0.14	0.1	0.04	14	130	1.4	12
NT 2 14	2.4	0.04	0.2	0.21	12	31	2.4	12
NT 2 15	2.0	0.02	0.02	0.02	4	25	0.4	12
NT 2 16	1.0	0.04	0.02	0.02	12	224	0.4	1.4
NT 2 17	0.2	0.02	0.02	0.02	2	54	0.4	14
NT 2 18	2.0	0.02	0.02	0.02	7	122	0.2	0.2
NT 2 19	2.0	0.02	0.02	0.02	4	121	0.2	7
NT 2 20	2.0	0.02	0.02	0.02	11	104	0.2	0.2

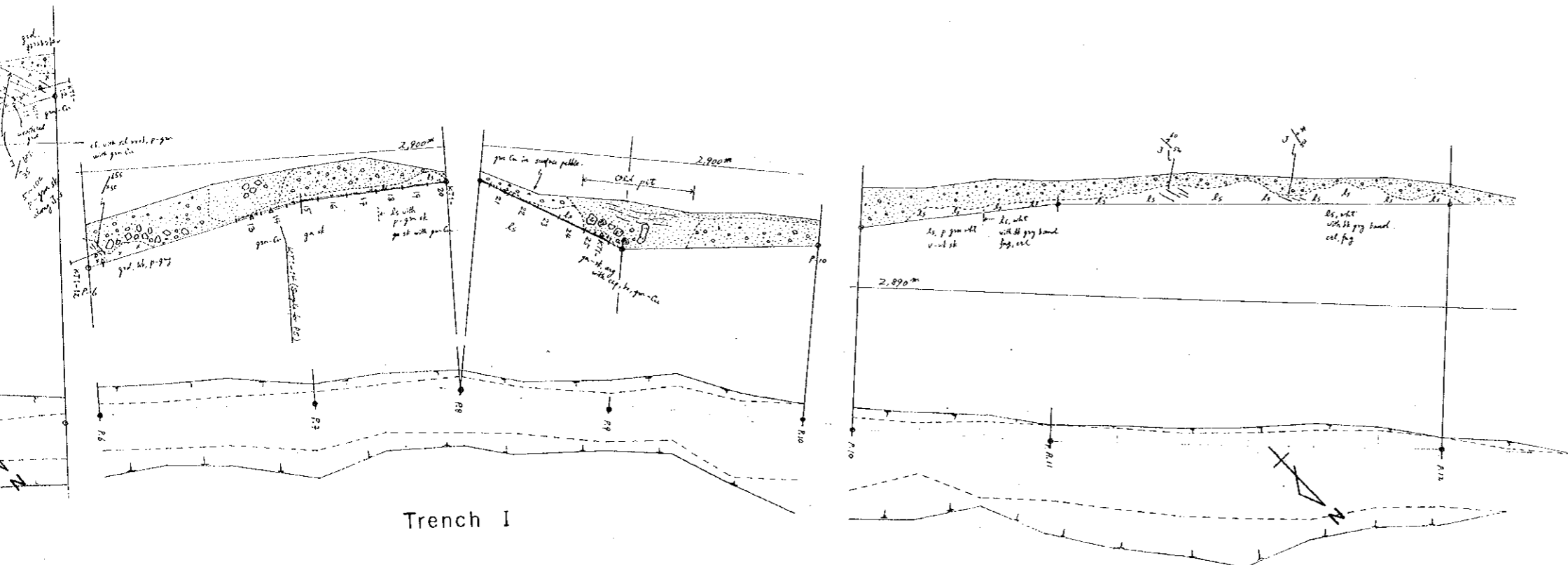
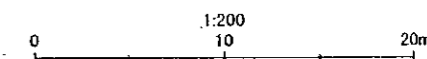


Trench II

THE MINERAL EXPLORATION PL. II-1-4 (1)  
 IN  
 THE KICHI-SANDYK, THE KYRGHYZ REPUBLIC  
 (PHASE II)  
 Geological Sketch of Trenches  
 in the Kichi-Sandyk District  
 (Trench I, II)



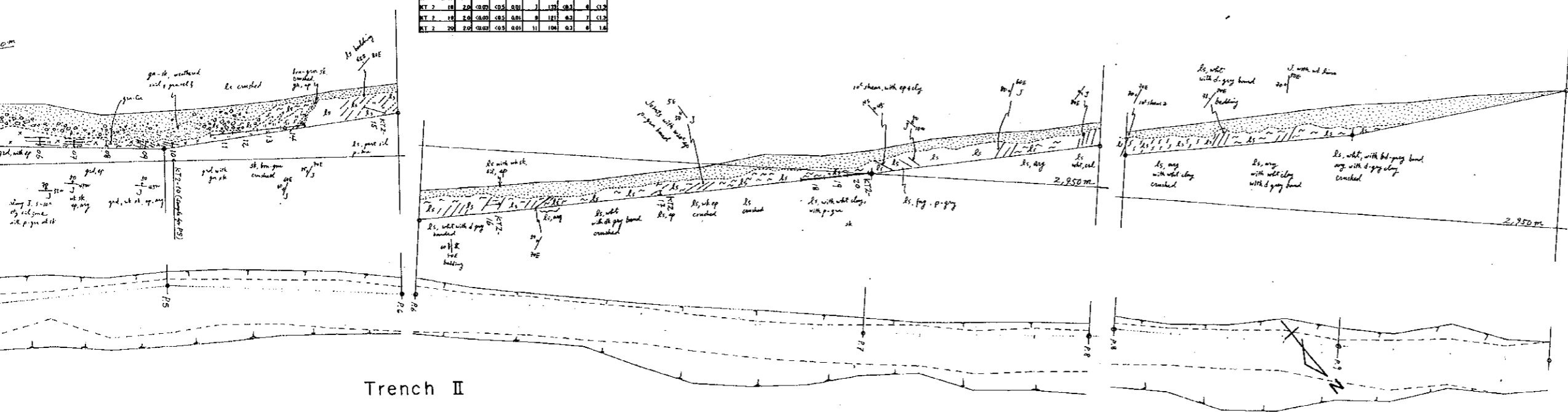
JAPAN INTERNATIONAL COOPERATION AGENCY  
 METAL MINING AGENCY OF JAPAN  
 FEBRUARY 1999  
 Prepared by MINDECO



Trench I

Sample No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	FeO	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	Sum	Loss
KT-1	54.2	0.2	16.8	1.8	0.08	5.2	27.0	0.2	0.1	112.3	
KT-1	54.1	0.2	16.9	1.8	0.08	5.1	27.1	0.2	0.1	112.3	
KT-1	54.0	0.2	17.0	1.8	0.08	5.0	27.2	0.2	0.1	112.3	
KT-1	53.9	0.2	17.1	1.8	0.08	4.9	27.3	0.2	0.1	112.3	
KT-1	53.8	0.2	17.2	1.8	0.08	4.8	27.4	0.2	0.1	112.3	
KT-1	53.7	0.2	17.3	1.8	0.08	4.7	27.5	0.2	0.1	112.3	
KT-1	53.6	0.2	17.4	1.8	0.08	4.6	27.6	0.2	0.1	112.3	
KT-1	53.5	0.2	17.5	1.8	0.08	4.5	27.7	0.2	0.1	112.3	
KT-1	53.4	0.2	17.6	1.8	0.08	4.4	27.8	0.2	0.1	112.3	
KT-1	53.3	0.2	17.7	1.8	0.08	4.3	27.9	0.2	0.1	112.3	
KT-1	53.2	0.2	17.8	1.8	0.08	4.2	28.0	0.2	0.1	112.3	
KT-1	53.1	0.2	17.9	1.8	0.08	4.1	28.1	0.2	0.1	112.3	
KT-1	53.0	0.2	18.0	1.8	0.08	4.0	28.2	0.2	0.1	112.3	
KT-1	52.9	0.2	18.1	1.8	0.08	3.9	28.3	0.2	0.1	112.3	
KT-1	52.8	0.2	18.2	1.8	0.08	3.8	28.4	0.2	0.1	112.3	
KT-1	52.7	0.2	18.3	1.8	0.08	3.7	28.5	0.2	0.1	112.3	
KT-1	52.6	0.2	18.4	1.8	0.08	3.6	28.6	0.2	0.1	112.3	
KT-1	52.5	0.2	18.5	1.8	0.08	3.5	28.7	0.2	0.1	112.3	
KT-1	52.4	0.2	18.6	1.8	0.08	3.4	28.8	0.2	0.1	112.3	
KT-1	52.3	0.2	18.7	1.8	0.08	3.3	28.9	0.2	0.1	112.3	
KT-1	52.2	0.2	18.8	1.8	0.08	3.2	29.0	0.2	0.1	112.3	
KT-1	52.1	0.2	18.9	1.8	0.08	3.1	29.1	0.2	0.1	112.3	
KT-1	52.0	0.2	19.0	1.8	0.08	3.0	29.2	0.2	0.1	112.3	

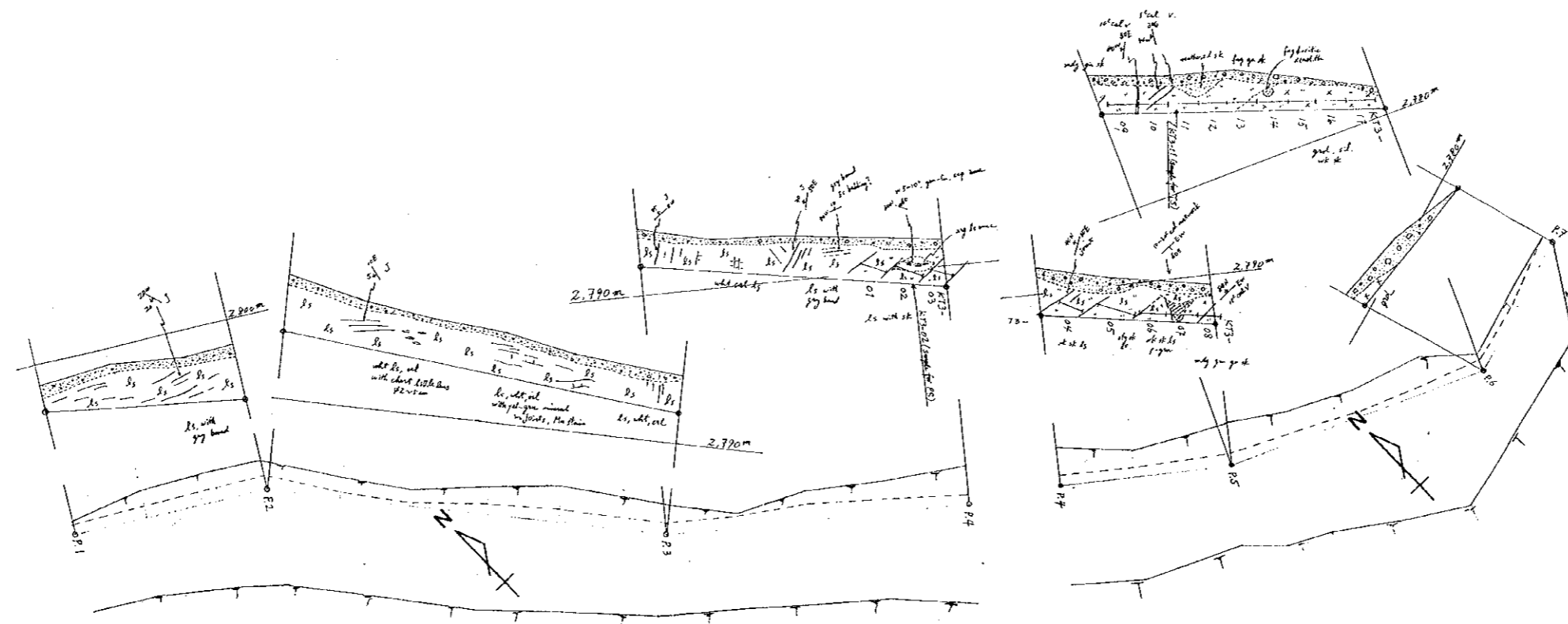
Sample No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	FeO	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	Sum	Loss
KT-2	51.0	0.1	17.0	1.7	0.08	5.0	26.0	0.2	0.1	110.2	
KT-2	50.9	0.1	17.1	1.7	0.08	4.9	26.1	0.2	0.1	110.2	
KT-2	50.8	0.1	17.2	1.7	0.08	4.8	26.2	0.2	0.1	110.2	
KT-2	50.7	0.1	17.3	1.7	0.08	4.7	26.3	0.2	0.1	110.2	
KT-2	50.6	0.1	17.4	1.7	0.08	4.6	26.4	0.2	0.1	110.2	
KT-2	50.5	0.1	17.5	1.7	0.08	4.5	26.5	0.2	0.1	110.2	
KT-2	50.4	0.1	17.6	1.7	0.08	4.4	26.6	0.2	0.1	110.2	
KT-2	50.3	0.1	17.7	1.7	0.08	4.3	26.7	0.2	0.1	110.2	
KT-2	50.2	0.1	17.8	1.7	0.08	4.2	26.8	0.2	0.1	110.2	
KT-2	50.1	0.1	17.9	1.7	0.08	4.1	26.9	0.2	0.1	110.2	
KT-2	50.0	0.1	18.0	1.7	0.08	4.0	27.0	0.2	0.1	110.2	
KT-2	49.9	0.1	18.1	1.7	0.08	3.9	27.1	0.2	0.1	110.2	
KT-2	49.8	0.1	18.2	1.7	0.08	3.8	27.2	0.2	0.1	110.2	
KT-2	49.7	0.1	18.3	1.7	0.08	3.7	27.3	0.2	0.1	110.2	
KT-2	49.6	0.1	18.4	1.7	0.08	3.6	27.4	0.2	0.1	110.2	
KT-2	49.5	0.1	18.5	1.7	0.08	3.5	27.5	0.2	0.1	110.2	
KT-2	49.4	0.1	18.6	1.7	0.08	3.4	27.6	0.2	0.1	110.2	
KT-2	49.3	0.1	18.7	1.7	0.08	3.3	27.7	0.2	0.1	110.2	
KT-2	49.2	0.1	18.8	1.7	0.08	3.2	27.8	0.2	0.1	110.2	
KT-2	49.1	0.1	18.9	1.7	0.08	3.1	27.9	0.2	0.1	110.2	
KT-2	49.0	0.1	19.0	1.7	0.08	3.0	28.0	0.2	0.1	110.2	
KT-2	48.9	0.1	19.1	1.7	0.08	2.9	28.1	0.2	0.1	110.2	
KT-2	48.8	0.1	19.2	1.7	0.08	2.8	28.2	0.2	0.1	110.2	
KT-2	48.7	0.1	19.3	1.7	0.08	2.7	28.3	0.2	0.1	110.2	
KT-2	48.6	0.1	19.4	1.7	0.08	2.6	28.4	0.2	0.1	110.2	
KT-2	48.5	0.1	19.5	1.7	0.08	2.5	28.5	0.2	0.1	110.2	
KT-2	48.4	0.1	19.6	1.7	0.08	2.4	28.6	0.2	0.1	110.2	
KT-2	48.3	0.1	19.7	1.7	0.08	2.3	28.7	0.2	0.1	110.2	
KT-2	48.2	0.1	19.8	1.7	0.08	2.2	28.8	0.2	0.1	110.2	
KT-2	48.1	0.1	19.9	1.7	0.08	2.1	28.9	0.2	0.1	110.2	
KT-2	48.0	0.1	20.0	1.7	0.08	2.0	29.0	0.2	0.1	110.2	



Trench II

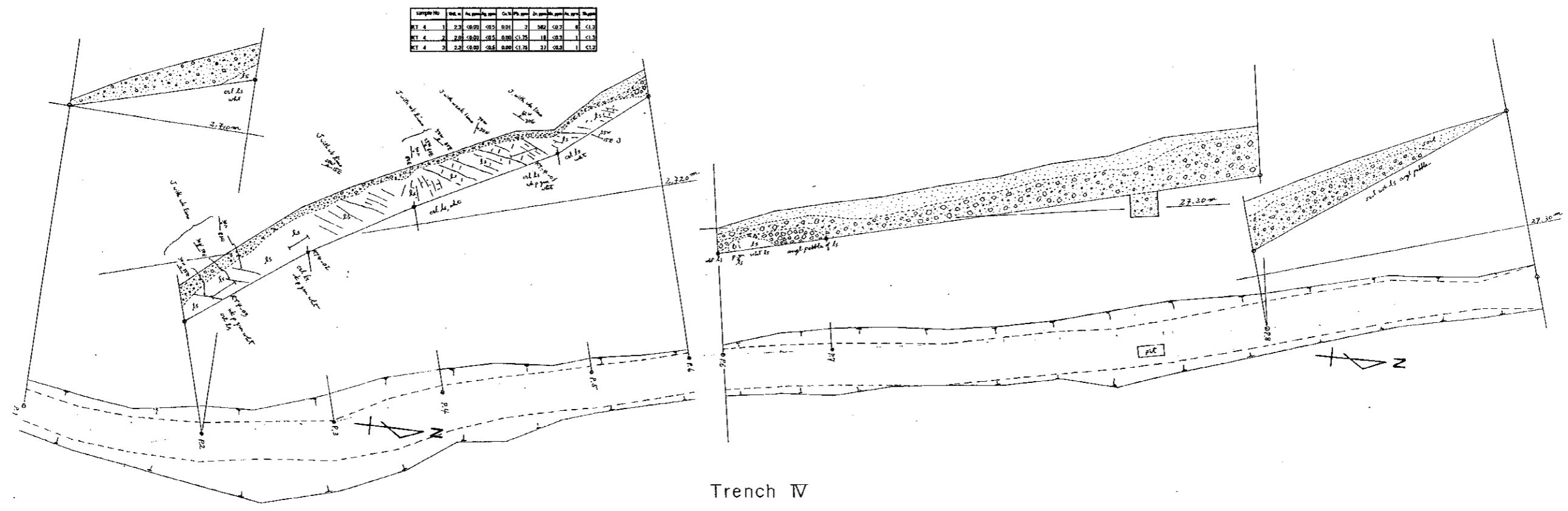
**LEGEND**

- Detritus
- △ Ore impregnation
- Ls Limestone
- X Granodiorite porphyry
- || Skarn
- ∕ Joint, Fracture
- ∕ Sheared zone
- KT-06 Locality and number of channel samples



Trench III

Sample No.	Loc.	Alt. (m)	Depth (m)	Grain size (mm)	Grain size (mm)	Grain size (mm)	Grain size (mm)	Grain size (mm)	
KT 2 1	18	0.01	0.01	2	121	0.01	2	0.18	
KT 2 2	18	0.10	1.1	0.08	3	150	0.01	25	1.18
KT 2 3	13	0.12	0.8	0.04	4	121	0.01	12	0.12
KT 2 4	17	0.08	0.01	0.01	8	120	0.01	12	0.12
KT 2 5	25	0.01	0.01	0.01	7	152	0.01	28	0.12
KT 2 6	17	0.01	0.01	0.01	9	126	0.01	10	0.12
KT 2 7	21	0.01	0.01	0.01	15	120	0.01	20	0.12
KT 2 8	18	0.01	0.01	0.01	10	180	0.01	12	0.12
KT 2 9	20	0.01	0.01	0.01	12	120	0.01	12	0.12
KT 2 10	20	0.01	0.01	0.01	8	120	0.01	22	0.12
KT 2 11	21	0.14	0.01	0.01	21	210	0.01	21	0.12
KT 2 12	18	0.11	0.01	0.01	24	210	0.01	14	0.12
KT 2 13	25	0.01	0.01	0.01	8	120	0.01	8	0.12
KT 2 14	21	0.01	0.01	0.01	12	84	0.01	8	0.12
KT 2 15	18	0.01	0.01	0.01	10	28	0.01	8	0.12
KT 2 16	20	0.01	0.01	0.01	21	42	0.01	21	0.12
KT 2 17	20	0.04	0.01	0.01	8	41	0.01	21	0.12



Trench IV

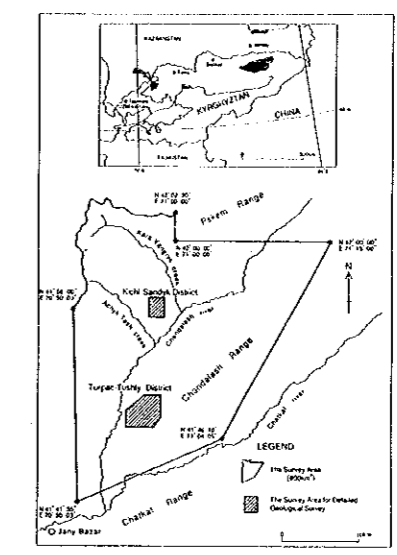
Sample No.	Loc.	Alt. (m)	Depth (m)	Grain size (mm)	Grain size (mm)	Grain size (mm)	Grain size (mm)	Grain size (mm)
KT 4 1	23	0.01	0.01	3	360	0.01	8	0.12
KT 4 2	20	0.01	0.01	11	120	0.01	11	0.12
KT 4 3	23	0.01	0.01	0.01	31	0.01	11	0.12

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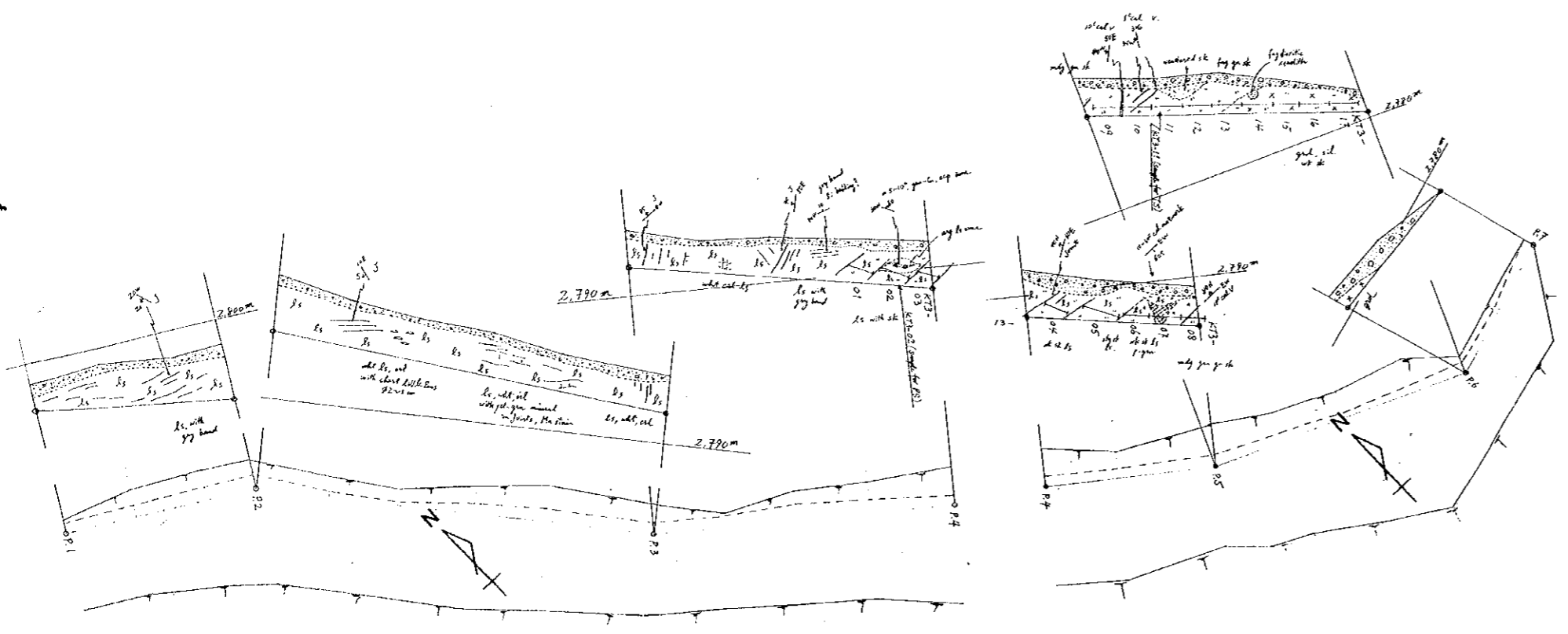
JAPAN INTERNA  
METAL M

- Detritus
- ⊂ Limestone
- × Granodiorite porphy
- || Skarn
- ∕ Joint, Fracture
- ∕ Sheared zone



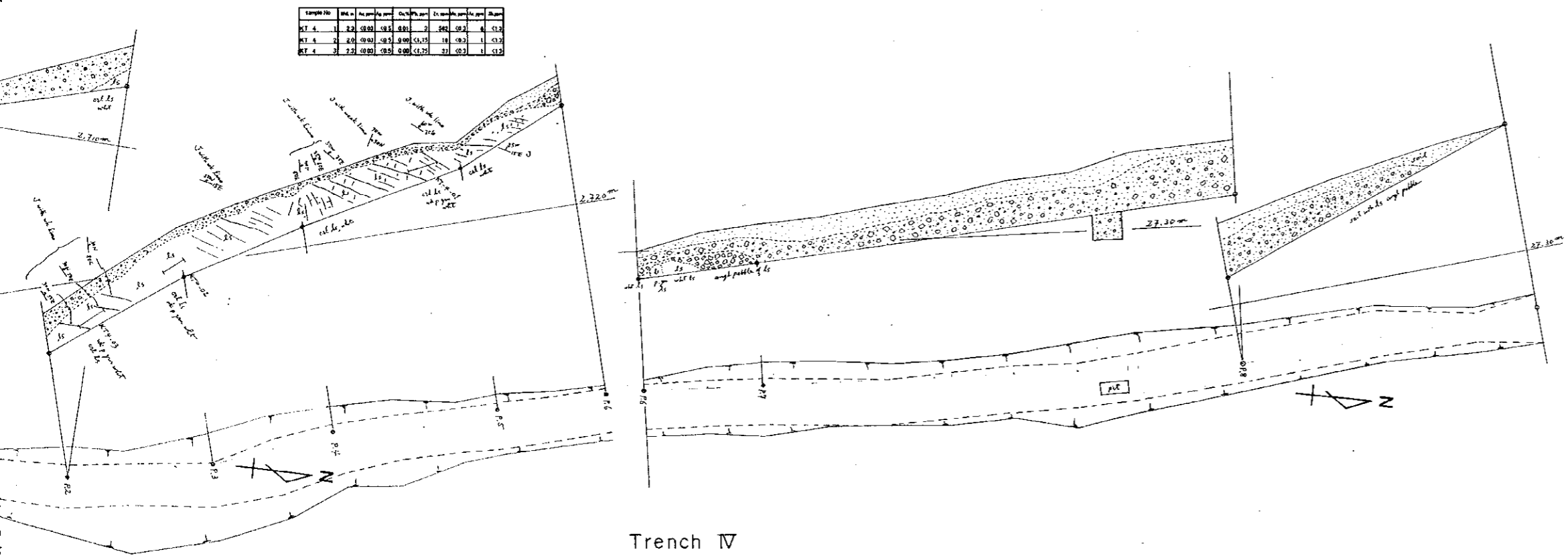


JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
FEBRUARY 1999  
Prepared by MINDECO



Trench III

Sample No.	Wt. %	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	FeO	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	Sum
KT 2 1	1.6	68.0	0.0	0.0	2.1	0.2	2.1	2.2	0.0	0.0	0.0	78.1
KT 2 2	1.6	61.0	1.1	0.0	3.1	0.2	2.1	2.2	0.0	0.0	0.0	72.3
KT 2 3	1.5	63.1	0.6	0.0	4.1	0.2	2.1	2.2	0.0	0.0	0.0	73.3
KT 2 4	1.7	62.0	0.0	0.0	3.1	0.2	2.1	2.2	0.0	0.0	0.0	71.3
KT 2 5	2.1	59.0	0.0	0.0	7.1	0.2	2.1	2.2	0.0	0.0	0.0	70.3
KT 2 6	1.1	62.0	0.0	0.0	3.1	0.2	2.1	2.2	0.0	0.0	0.0	71.3
KT 2 7	2.1	60.0	0.0	0.0	11.1	0.2	2.1	2.2	0.0	0.0	0.0	78.3
KT 2 8	1.6	62.0	0.0	0.0	10.1	0.2	2.1	2.2	0.0	0.0	0.0	77.3
KT 2 9	2.0	62.0	0.0	0.0	11.1	0.2	2.1	2.2	0.0	0.0	0.0	78.3
KT 2 10	1.6	62.0	0.0	0.0	4.1	0.2	2.1	2.2	0.0	0.0	0.0	72.3
KT 2 11	2.1	61.0	0.0	0.0	21.1	0.2	2.1	2.2	0.0	0.0	0.0	88.3
KT 2 12	1.6	61.1	0.0	0.0	20.1	0.2	2.1	2.2	0.0	0.0	0.0	87.3
KT 2 13	1.6	61.1	0.0	0.0	20.1	0.2	2.1	2.2	0.0	0.0	0.0	87.3
KT 2 14	2.1	60.0	0.0	0.0	12.1	0.2	2.1	2.2	0.0	0.0	0.0	77.3
KT 2 15	1.6	62.0	0.0	0.0	10.1	0.2	2.1	2.2	0.0	0.0	0.0	77.3
KT 2 16	2.0	62.0	0.0	0.0	21.1	0.2	2.1	2.2	0.0	0.0	0.0	87.3
KT 2 17	2.0	60.0	0.0	0.0	8.1	0.2	2.1	2.2	0.0	0.0	0.0	75.3



Trench IV

Sample No.	Wt. %	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	FeO	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	Sum
KT 4 1	2.2	62.0	0.0	0.0	2.1	0.2	2.1	2.2	0.0	0.0	0.0	71.3
KT 4 2	2.2	62.0	0.0	0.0	11.1	0.2	2.1	2.2	0.0	0.0	0.0	78.3
KT 4 3	2.2	62.0	0.0	0.0	11.1	0.2	2.1	2.2	0.0	0.0	0.0	78.3

- LEGEND
- Detritus
  - ls Limestone
  - x Granodiorite porphyry
  - || Skarn
  - / Joint, Fracture
  - ~ Sheared zone
  - △ Ore impregnation
  - + Locality and number of channel samples

