

Geologic Log of MJTC-1~MJTC-6

Abbreviations of Geologic Log

Rock	brec:brecciated sil:silicified, arg:argillized
Mineralization	diss:dissemination
Minerals	Qz:quartz, Lim:limonite Ch:chlorite, Py:pyrite hem:hematite, S:native sulpher
Alteration	vs:very strong s :strong m :medium w :weak
Colour	L :light

MJTC-1

0~50m

Depth	Lith.	Description	No.	0~50m							
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m		Purplish altered andesite with limo & limo network (m sil, s arg)	101	15	<0.2	43	15	6	0.6	30	3
5m		4.85 Altered brecciated andesite with limo (m sil, m arg)	102	15	<0.2	61	12	6	0.6	30	2
			103	65	<0.2	79	33	30	1.6	40	2
10m		9.00 Strongly arg rock (partially sil rock) with limo	104	15	<0.2	74	5	8	0.4	30	2
			105	10	<0.2	41	10	8	0.4	20	2
15m		13.90 Strongly arg rock with limo	106	10	<0.2	84	36	44	0.8	20	4
			107	15	<0.2	123	27	10	0.2	20	2
20m		18.50 19.30 Sil rock with limo									
		20.75 Strongly arg rock with limo	108	20	<0.2	92	26	14	0.6	20	2
			109	10	<0.2	21	12	18	0.2	30	1
25m		26.00 Dark grey strongly arg rock with py diss	110	<5	<0.2	32	5	14	0.2	20	1
			111	<5	<0.2	36	14	12	<0.2	30	1
35m			112	10	<0.2	45	24	20	0.4	30	1
			113	5	<0.2	62	24	30	0.4	40	<1
40m			114	25	<0.2	55	10	280	1.8	390	<1
		41.90 43.00 Dark grey porous sil rock with py diss & native S	115	<5	<0.2	37	20	14	0.6	90	<1
45m			116	<5	<0.2	44	14	16	0.4	90	<1
		L. grey~grey strongly arg rock with py diss	117	<5	<0.2	30	6	24	0.2	30	<1
50m											

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
50m		L. grey~grey strongly arg rock with py diss	118	< 5	<0.2	34	12	30	0.4	40	<1
55m		54.50 Dark grey arg rock with py diss(s arg)	119	< 5	<0.2	48	7	40	0.2	20	<1
		56.10 Purplish andesite									
		57.20 with ch network	120	< 5	<0.2	53	22	42	<0.2	30	<1
60m		Dark grey arg rock with py diss & py film(s arg)	121	10	<0.2	46	40	38	0.2	30	<1
		62.30 Sil rock with py diss & py film									
65m		64.20	122	20	<0.2	70	47	38	0.2	40	<1
		Dark grey arg rock with py diss & py film	123	10	<0.2	53	25	96	<0.2	40	<1
70m			124	20	<0.2	45	16	130	0.4	90	7
		73.00	125	< 5	<0.2	45	4	120	0.2	30	<1
75m		Dark grey andesite with py diss (partially fracture with grey clay & py diss)	126	< 5	<0.2	46	3	112	0.2	20	<1
			127	< 5	<0.2	44	3	114	0.2	20	<1
80m		81.00 Dark grey brecciated rock with grey clay & py diss	128	< 5	<0.2	52	10	182	0.2	30	<1
		84.00 Dark grey andesite with py diss	129	< 5	<0.2	41	17	106	0.2	100	<1
85m		85.60 Dark grey arg rock									
		87.80	130	< 5	<0.2	44	8	96	0.2	20	<1
90m		Altered andesite with py film & py along fracture (m sil, m arg)	131	10	<0.2	44	5	74	<0.2	30	<1
		92.45									
95m		Dark grey sil & arg rock with py diss	132	< 5	<0.2	38	12	160	0.2	90	<1
			133	< 5	<0.2	52	15	82	<0.2	40	<1
100m											

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm	
100m		Dark grey sil & arg rock with py diss(w sil,s arg)	134	< 5	<0.2	41	9	22	<0.2	40	<1	
105m			135	< 5	<0.2	40	8	52	<0.2	30	1	
		106.20	Dark grey andesite with chlorite, calcite, epidote & py diss	136	< 5	<0.2	36	3	72	0.2	40	<1
110m		137		< 5	<0.2	33	3	48	<0.2	20	<1	
		138		10	<0.2	38	3	44	<0.2	20	2	
115m		139		5	<0.2	38	3	46	<0.2	20	<1	
120m		119.10	Dark grey fractured andesite	140	< 5	<0.2	31	7	68	<0.2	30	3
		119.10		141	15	<0.2	38	12	58	0.2	40	2
125m		124.45	Dark grey andesite with py diss & calcite veinlet	142	15	<0.2	38	13	32	0.2	30	<1
		143		10	<0.2	23	3	36	<0.2	20	<1	
130m	144	15		<0.2	40	7	52	0.2	20	2		
	132.35	145		10	<0.2	37	8	40	0.2	30	1	
135m	146	15		<0.2	37	15	46	1.8	20	2		
	147	15		<0.2	37	6	46	0.2	50	1		
140m	148	< 5		<0.2	37	6	48	0.2	20	2		
145m	149	10		<0.2	37	10	52	0.2	30	1		
150m	150	10	<0.2	36	3	50	0.2	20	2			
	151.00											

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo									
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm									
0m	[Diagonal Hatching]	L. brown sil & arg rock with limo	201	10	<0.2	12	141	20	1.6	30	1									
3.00		White massive sil rock with limo (crack) 5.60~5.75:py diss	202	30	<0.2	8	98	4	1.2	40	3									
7.75			203	15	<0.2	6	40	4	1.4	40	2									
9.85			204	10	<0.2	7	43	14	12.2	30	5									
11.80		[Diagonal Hatching]	L. brown sil rock	205	10	<0.2	4	36	4	6.2	30	3								
13.30	Reddish sil rock with limo																			
15m	[Dotted Pattern]	White strongly arg rock (partially sil rock)	14.50	206	55	<0.2	19	74	4	28.0	40	9								
20m			207										150	<0.2	10	38	4	12.6	40	8
22.10			208										25	1.5	16	77	6	36.0	260	9
25m			209										120	2.1	30	91	12	110	440	2
30m		Reddish brown limonitic arg rock (partially sil rock)	210	570	<0.2	20	87	14	95.0	740	2									
			211	215	<0.2	8	38	6	86.0	1800	1									
			212	125	<0.2	56	97	22	380	2100	5									
35m		[Dotted Pattern]	predominantly limo clay	213	50	<0.2	12	55	8	100	880	2								
41.05	214			535	1.9	39	79	8	110	880	5									
43.40	215			545	6.1	40	67	14	41.0	820	4									
45m	[Dotted Pattern]	Limonitic sil & arg rock	216	2260	9.3	28	62	14	52.0	2000	3									
50m												217	4400	4.5	108	370	36	180	2400	12

Depth	Lith.	Description	No.	50~100m							
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m		Reddish brown limonitic clay & partially sil rock	218	375	0.3	25	57	8	21.0	1800	1
55m		Grey sil & arg rock with py diss	219	40	<0.2	125	112	22	63.0	2900	2
60m		Black sil rock with py (much)	220	<5	<0.2	55	147	32	38.0	3400	3
65m		Grey & white strongly arg rock with py diss/ py film	221	<5	<0.2	55	25	14	6.2	250	1
70m		Grey & white strongly arg rock with py diss/ py film	222	10	<0.2	40	12	18	2.2	230	1
75m		Grey & white strongly arg rock with py diss/ py film	223	<5	<0.2	43	4	150	0.6	60	<1
80m		Grey & white strongly arg rock with py diss/ py film	224	<5	<0.2	38	5	16	0.4	70	<1
85m		Grey & white strongly arg rock with py diss/ py film	225	<5	<0.2	62	4	32	0.6	50	<1
90m		Grey & white strongly arg rock with py diss/ py film	226	<5	<0.2	48	8	24	1.4	40	1
95m		Grey & white strongly arg rock with py diss/ py film	227	10	<0.2	50	6	22	0.6	50	1
100m		Grey & white strongly arg rock with py diss/ py film	228	10	<0.2	38	5	100	1.2	300	<1
		Dark green andesite(ch-ep)	229	10	<0.2	90	94	370	1.8	260	1
		Dark green fractured andesite(hem & py scatter)	230	<5	<0.2	35	6	18	0.4	80	1
		chloritic alteration ?	231	<5	<0.2	43	<2	112	0.4	40	1
		chloritic alteration ?	232	<5	<0.2	56	4	64	0.8	60	2
		chloritic alteration ?	233	<5	<0.2	40	<2	26	0.4	30	<1

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
100m		Dark green fractured andesite	234	< 5	<0.2	40	17	42	1.4	340	1
105m		103.35 Dark grey strongly arg rock with py diss (much) & py film	235	< 5	<0.2	31	9	32	0.4	180	<1
110m		109.50 110.70 Grey altered rock (m sil, m arg)	237	< 5	<0.2	48	17	170	0.4	150	2
115m		Dark grey strongly arg rock with py diss (much) + auto-brecciated andesite	238	< 5	<0.2	65	17	88	0.6	150	2
120m			239	< 5	<0.2	53	20	100	0.6	220	<1
125m		123.00 124.20 L. grey ~ l. green auto-brecciated andesite (w arg)	240	< 5	<0.2	53	14	72	0.2	150	7
130m			241	< 5	<0.2	46	10	76	0.6	120	2
135m		Dark grey strongly arg rock with py diss (much)	242	< 5	<0.2	66	14	280	0.4	150	1
140m		139.30-139.80 H sil rock with py diss and calcite veinlets	243	< 5	<0.2	39	15	54	0.2	100	2
145m		142.20-142.90 ditto	244	< 5	<0.2	146	175	430	2.2	160	2
150m		146.00-147.00 ditto	245	< 5	<0.2	47	10	44	0.4	140	<1
		149.75-151.00 ditto	246	< 5	<0.2	44	10	40	0.4	160	1
		151.00	247	< 5	<0.2	38	13	24	0.2	110	1
			248	< 5	<0.2	37	11	36	0.4	100	<1
			249	< 5	<0.2	32	11	50	0.2	80	<1
			250	< 5	<0.2	44	11	40	0.4	70	4

Depth	Lith.	Description	No.	0~50m							
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m	○	Reddish brown soil (fine-grained & gravel)	301	20	<0.2	25	29	10	0.8	20	36
3.20	○										
5m	○	Brown soil (coarse-grained)	302	60	<0.2	32	13	24	0.6	20	14
8.55	○										
10m	○	Brown soil (soil & gravel)	303	60	<0.2	20	10	14	0.6	10	12
11.15	○										
11.15	○	White grey s arg rock with limonitic clay ↑	304	45	<0.2	7	8	2	0.4	10	18
14.95	○										
15m	○	Reddish brown limonitic clay	305	45	<0.2	37	27	8	0.4	20	50
15.35	○										
15.35	○		306	20	<0.2	112	11	8	0.6	20	13
20m	○	Grey s arg rock with m sil block	307	10	<0.2	32	10	4	0.4	10	10
25m	○										
25m	○		308	20	<0.2	55	31	6	0.4	20	13
27.90	○										
27.90	○	L. grey fractured andesite (w sil & m arg)	309	20	<0.2	40	24	6	0.2	30	22
30m	○										
30m	○		310	25	<0.2	28	24	8	0.6	20	13
33.25	○										
33.25	○		311	30	<0.2	53	15	4	0.4	30	88
35m	○	Limonitic fine-grained andesite	312	20	<0.2	39	16	4	0.6	20	6
35.05	○										
35.05	○	L. grey frac alt andesite	313	5	<0.2	48	16	70	0.4	30	5
38.40	○										
38.40	○	L. grey altered andesite (m arg)	314	15	<0.2	43	23	32	0.4	20	7
41.40-41.40 py diss (wuch)	○										
43.40	○										
43.40	○	L. grey s arg rock	315	10	<0.2	35	26	58	0.4	40	7
44.45-44.80 S sil rock with banded py	○										
45m	○		316	15	<0.2	22	23	22	0.4	50	12
45.20	○										
45.20	○	L. grey altered andesite (auto-brecciated, m arg) ↓	317	20	<0.2	13	7	10	0.2	40	10

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
50m											
			318	20	<0.2	14	7	10	0.2	50	8
55m		L.grey m arg rock (auto-brecciated andesite)	319	15	<0.2	25	44	48	0.2	50	8
			320	10	<0.2	35	14	7	0.2	40	5
60m		60.20	321	15	<0.2	33	34	26	0.4	50	6
			322	25	<0.2	33	33	18	0.4	50	8
65m		L.grey fractured m arg rock clay along crack & matrix	323	25	<0.2	41	82	122	0.2	50	11
			324	50	<0.2	115	185	240	0.6	60	16
70m			325	35	<0.2	49	18	58	0.4	40	15
			326	30	<0.2	22	15	8	0.4	30	6
75m			327	5	<0.2	59	4	90	0.4	30	2
		sil block	328	15	<0.2	19	2	26	0.4	30	<1
80m		80.10 L.grey m arg rock	329	10	<0.2	21	8	8	0.6	30	<1
		82.00	330	20	<0.2	9	4	6	0.4	30	<1
85m		L.grey sil rock with py diss(much) (auto-brecciated andesite)	331	10	<0.2	21	3	10	0.4	30	<1
			332	20	<0.2	31	16	20	0.8	30	<1
90m		89.15 L.grey brec.rock 90.15 (m sil & m arg)	333	10	<0.2	26	6	12	0.8	40	<1
95m		94.35 L.grey brec.rock 95.80 (m sil & m arg)									
		98.70-98.90 S arg									
100m		99.70-99.95 S sil									






Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
100m		L. grey sil rock	334	< 5	< 0.2	10	2	6	0.4	30	< 1
105m			335	< 5	< 0.2	9	2	4	0.4	20	< 1
		108.20 L. grey brecciated rock	336	< 5	< 0.2	13	< 2	22	0.4	20	< 1
		108.15 (m sil & m arg)									
110m		109.40 py+SiO ₂ veinlet 110.60	337	< 5	< 0.2	28	14	74	0.4	30	< 1
		113.15	338	< 5	< 0.2	10	8	140	2.2	30	< 1
115m		L. grey m sil rock (auto-brecciated andesite) with py diss (much)	339	15	< 0.2	22	14	30	0.6	40	< 1
		119.70 Partially s sil veinlets 120.35	340	25	< 0.2	86	40	32	0.4	20	1
120m		121.55 L. grey m sil rock L. grey s sil rock	341	55	< 0.2	173	14	30	1.6	40	5
		123.70	342	50	< 0.2	322	10	22	2.2	30	8
125m		128.30-128.60 Grey vs porous sil rock with py diss (much)	343	55	< 0.2	275	16	14	3.0	30	20
130m		131.75-132.10	344	60	< 0.2	245	18	6	4.6	40	7
		134.20-134.40	345	50	< 0.2	700	19	16	4.8	40	8
135m		136.15 Grey vs massive sil rock with py diss (much)	346	50	< 0.2	275	11	14	1.8	30	10
		138.10	347	30	< 0.2	260	7	8	0.6	40	13
140m		141.20 Grey vs massive sil rock with py ore & native S	348	50	< 0.2	247	11	64	0.8	40	13
		143.60									
145m		144.50 L. grey brec altered rock (m sil & m arg)	349	30	< 0.2	108	8	56	0.8	30	1
		147.70									
150m		148.30 L. grey sil siltstone	350	15	< 0.2	114	13	90	1.2	30	< 1
		150.10 151.00									

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m		Reddish brown soil	401	50	<0.2	39	20	40	0.6	30	15
		3.00									
5m		L. grey massive sil rock with limonite	402	75	<0.2	2	10	4	0.4	30	7
		6.30									
			403	45	<0.2	108	9	66	0.6	20	16
10m		Cave/slime	404	50	<0.2	60	14	36	0.4	20	15
			405	65	<0.2	59	28	36	0.4	20	12
15m											
			406	45	<0.2	15	12	4	0.2	10	11
		17.00-17.50 Cave/slime									
			407	445	<0.2	38	12	12	0.8	10	130
20m		Brecciated sil rock									
		19.00									
		20.05									
			408	100	<0.2	2	6	4	0.2	10	10
		Brecciated zone									
25m											
			409	75	<0.2	3	6	4	0.4	10	9
		27.00-27.50 sil & arg rock									
			410	75	<0.2	7	4	4	0.4	10	12
30m		L. grey massive sil rock (fractured rock with lim & clay)									
		31.50									
			411	85	0.4	180	10	92	0.4	20	14
		32.65 Cave/slime									
			412	60	<0.2	7	4	4	0.4	10	10
35m		L. grey massive sil rock with limonite									
		34.50									
		35.10-35.30									
			413	1300	<0.2	4	4	2	0.2	10	11
		37.00-37.40									
		38.10-38.35									
40m											
		39.25-39.65									
		40.20	414	100	<0.2	32	3	4	0.2	10	76
			415	55	<0.2	7	10	2	0.2	10	12
45m		L. grey fractured sil rock with limonite & alunite -kaoline									
		44.00									
			416	280	<0.2	59	6	4	0.6	10	110
		47.30									
			417	185	<0.2	22	6	4	0.2	10	70
50m		L. grey massive sil rock with limo along crack & clay									









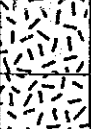







Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m	XXXX	50.85 Fractured sil & arg rock with limonite	50.85								
55m	XXXX	53.60 L. grey massive rock with limo	418	315	<0.2	35	4	4	0.6	10	50
		55.95 Cave/slime	419	55	0.4	145	6	76	0.2	10	20
60m	XXXX	58.20 fractured zone 59.30 L. grey massive sil rock with limonite	58.20 420	125	<0.2	17	6	6	0.4	10	64
			421	60	<0.2	15	32	4	<0.2	20	21
65m	XXXX	63.70 ↑ fractured zone	422	90	<0.2	19	82	4	0.2	20	59
			423	155	<0.2	25	34	4	0.4	40	40
70m		68.60 Cave/slime	68.60 424	50	1.0	770	40	205	0.8	60	19
75m	XXXX	71.25 L. grey m sil rock auto-brecciated andesite with alunite-kaoline & limo	71.25 425	65	<0.2	11	28	2	0.2	30	28
			426	70	<0.2	21	28	4	0.4	20	32
80m	XXXX	80.80 L. grey sil & arg rock with limonite	80.80 427	55	<0.2	16	32	4	0.2	10	38
85m	XXXX	84.00 L. grey m sil rock auto-brecciated andesite with alunite-kaoline & limo (partially vs sil part, width 10~30cmm)	84.00 428	110	<0.2	17	18	2	<0.2	10	85
			429	90	<0.2	10	10	4	0.2	10	42
90m	XXXX	96.30 L. grey s arg rock with py diss	96.30 430	110	<0.2	21	46	4	0.4	10	70
			431	70	<0.2	8	34	4	0.4	10	110
95m	XXXX	96.30 L. grey s arg rock with py diss	96.30 432	240	<0.2	95	26	8	0.4	20	30
100m	XXXX	99.25	99.25								

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
100m		Grey fractured m arg rock with py diss 102.2	434	305	<0.2	185	32	8	0.2	70	44
105m	XXXXXX	Brec sil rock limonite	435	145	<0.2	31	20	6	0.4	190	60
		Grey fractured m arg rock with py diss 110.0	436	95	<0.2	14	10	4	0.2	60	86
110m		L.grey compact altered rock 110.00 111.00	437	120	<0.2	19	14	8	0.2	80	37
		L.grey s arg & brec rock 113.90	438	90	<0.2	10	20	12	0.4	30	60
115m		L.grey fractured altered rock(m arg) with py diss	439	90	<0.2	7	16	10	0.2	20	41
			440	75	<0.2	7	14	28	<0.2	20	42
120m			441	60	<0.2	10	34	18	0.4	30	26
		L.grey fractured altered rock(w sil & m arg) with py diss	442	110	<0.2	11	22	14	0.2	20	25
			443	100	<0.2	14	18	22	0.4	20	34
130m	XXXXXX	Grey brec sil rock 128.40 129.45	444	75	<0.2	6	8	14	0.2	10	20
			445	80	<0.2	7	26	14	0.2	30	35
135m		Grey altered rock(m sil & m arg)	446	100	<0.2	12	12	12	<0.2	10	67
		L.grey fractured altered rock(m sil & m arg), partially compact	447	145	<0.2	12	10	8	0.2	20	50
			448	80	<0.2	20	8	12	0.2	20	360
140m		Grey sil rock with py (porous) diss 141.65 142.65	449	110	<0.2	11	12	6	0.2	20	18
145m		L.grey altered rock(m sil & m arg) with py diss 146.90-147.10 py diss (much) 148.30-148.50 py diss (much)	450	140	<0.2	10	12	6	0.2	10	52
150m	XXXXXX	L.grey massive & brec rock with py diss 149.50 151.10	451	40	<0.2	7	12	12	0.2	20	39

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m		Brown~white alt(w sil) andesite with py diss & limonite along crack	501	<5	<0.2	45	16	14	0.4	20	2
5m	4.50		502	<5	<0.2	39	12	18	0.2	10	1
		Grey~white alt andesite (m arg)	503	5	<0.2	19	26	10	0.4	10	2
10m	10.00		504	5	<0.2	26	18	6	<0.2	10	1
	12.00	Reddish brown alt andesite	505	5	<0.2	47	8	8	0.4	20	1
15m			506	5	<0.2	39	12	4	0.2	10	3
		Grey auto-brecciated andesite with limonite along crack(m arg, m sil)	507	15	<0.2	43	10	4	0.2	10	3
			508	15	<0.2	37	8	6	0.6	20	2
25m			509	35	<0.2	56	4	10	0.4	260	3
	28.45		510	10	<0.2	72	26	8	0.6	2200	3
30m		Pale green~grey strongly arg rock with py diss	511	10	<0.2	90	16	13	<0.2	40	2
35m			512	15	<0.2	42	10	8	<0.2	30	3
	36.70		513	10	<0.2	35	8	14	0.2	30	2
40m			514	5	<0.2	38	30	14	0.4	30	1
		Pale green auto-brecciated andesite with py diss & py film(m arg)	515	<5	<0.2	40	12	12	0.2	40	1
45m			516	5	<0.2	33	9	36	0.2	40	1
50m			517	<5	<0.2	32	8	66	0.2	40	1

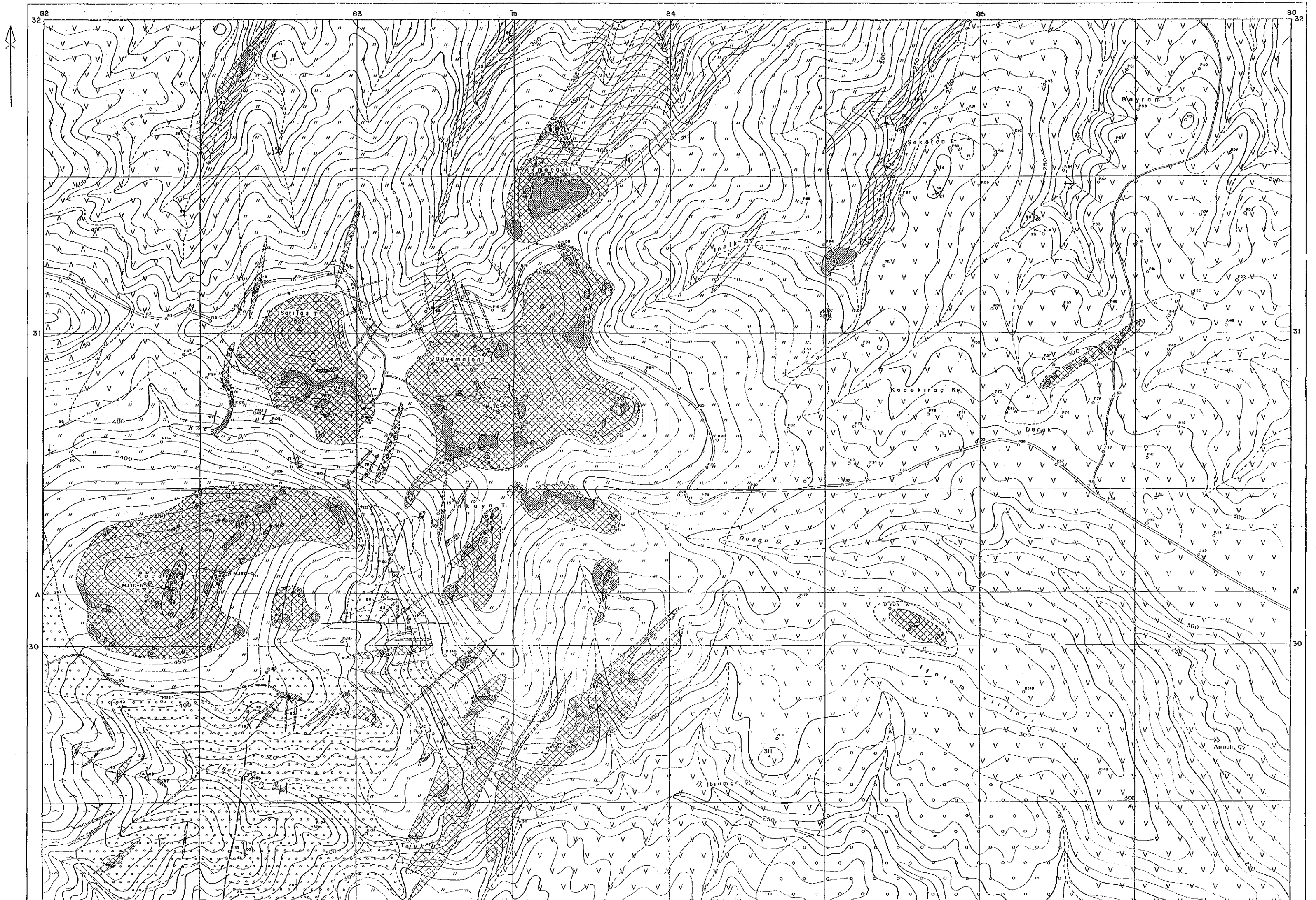
Depth	Lith.	Description	No.	50~100m								
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm	
50m		Pale green~light grey auto-brecciated andesite with py diss & film (m~s arg)										
55m			518	10	<0.2	37	8	58	<0.2	40	<1	
57.25			519	10	<0.2	75	150	196	0.2	60	1	
60m		Dark grey strongly porous sil rock with py diss & film (-auto-brecciated andesite)	520	5	0.2	100	30	30	<0.2	30	<1	
			521	10	<0.2	160	6	4	<0.2	30	1	
65m			522	10	<0.2	158	12	8	<0.2	30	1	
			523	5	<0.2	395	118	52	<0.2	30	1	
70m			524	<5	<0.2	290	4	6	<0.2	40	<1	
75m		525	10	<0.2	180	2	6	1.2	40	1		
		526	5	<0.2	255	6	6	0.2	50	1		
80m		527	<5	<0.2	45	14	4	<0.2	50	1		
		528	5	<0.2	28	10	4	<0.2	50	1		
85m		White grey strongly arg rock with py diss & film	529	<5	<0.2	28	8	6	0.2	40	1	
			530	<5	<0.2	28	4	6	0.4	70	1	
90m		White grey strongly arg rock with py diss & film (partially sil block)	531	5	<0.2	30	8	4	0.6	70	<1	
			532	<5	<0.2	27	4	4	0.2	70	<1	
95m		White grey arg rock with py diss	533	<5	<0.2	37	4	4	0.2	90	6	
100m												

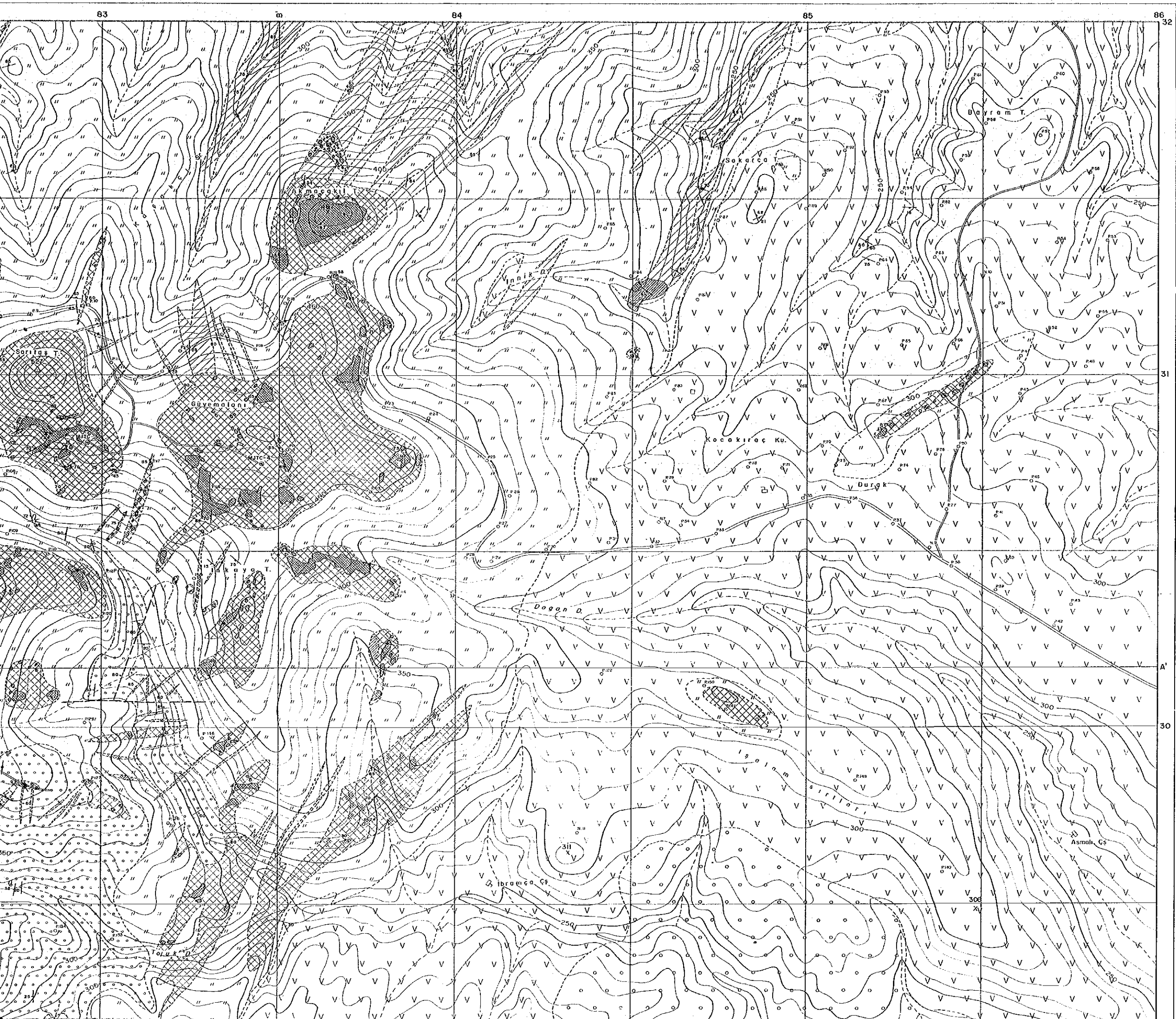
Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
100m		100.40	534	5	<0.2	30	6	6	0.4	140	1
105m		Grey s arg rock with py diss & film	535	<5	<0.2	28	8	44	0.6	120	<1
			536	<5	<0.2	26	12	150	0.4	80	1
110m		110.00	537	<5	<0.2	32	14	140	0.6	20	1
115m		Pale green~light grey auto-brecciated andesite (m arg) with py diss & film	538	<5	<0.2	24	12	360	0.4	30	1
			539	<5	<0.2	28	12	220	0.4	30	1
120m		117.80 Grey s arg rock	540	<5	<0.2	27	14	82	0.2	20	1
		119.35 Grey auto-brecciated andesite (m arg)	541	<5	<0.2	22	26	42	1.0	100	3
125m		121.20 Black mudstone	542	<5	<0.2	13	26	36	0.8	90	3
		123.85 Grey arg sandstone with py diss	543	5	<0.2	17	18	38	0.6	90	3
130m		127.40 Black mudstone → ₄₀ (bedding plaine)	544	<5	<0.2	9	14	32	1.6	80	18
		134.00 Grey arg sandstone with py diss	545	<5	<0.2	13	8	36	0.4	80	13
135m		142.00 Black mudstone	546	5	<0.2	14	10	100	1.4	120	22
		145.30 Grey arg andesite(m arg) with py diss(dyke)	547	<5	<0.2	16	14	240	0.6	110	12
140m		147.20 Black mudstone	548	<5	<0.2	15	18	56	0.8	210	17
		151.00 Black mudstone	549	<5	<0.2	17	16	88	0.2	120	9
150m		151.00	550	20	<0.2	14	6	32	0.6	80	4

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppb	ppm	
0m		Regolith	601	25	<0.2	22	14	44	0.8	30	1
3.15											
5m		Purple brown andesite	602	<5	<0.2	22	6	40	0.2	20	<1
7.20											
10m		Grey fractured andesite	603	5	<0.2	19	8	44	0.2	20	<1
10.80											
15m		Purple grey andesite (15.50-16.40 brownish arg andesite)	604	5	<0.2	25	4	48	0.2	20	1
15.50											
16.40											
20m		Purple grey andesite	605	10	<0.2	26	6	68	0.2	20	<1
20.00											
20m		Purple grey andesite	606	<5	<0.2	24	2	58	0.2	20	1
20.00											
20m		Purple grey andesite	607	<5	<0.2	24	2	58	0.2	20	1
20.00											
25m		White s arg rock with py veinlet	608	<5	<0.2	40	6	112	0.2	10	<1
25m		White s arg rock with py veinlet	609	<5	<0.2	30	10	66	0.2	10	1
25m		White s arg rock with py veinlet	610	<5	<0.2	14	14	32	0.2	10	2
25m		White s arg rock with py veinlet	611	<5	<0.2	72	12	42	<0.2	40	<1
30m		White s arg rock with py veinlet	612	<5	<0.2	28	10	32	<0.2	10	1
30m		White s arg rock with py veinlet	613	<5	<0.2	33	14	34	<0.2	40	<1
31.30											
35m		Grey arg andesite with py diss & py veinlets	614	<5	<0.2	30	10	32	0.2	40	<1
35m		Grey arg andesite with py diss & py veinlets	615	<5	<0.2	27	10	26	0.4	50	<1
38.00											
40m		Grey sil rock	616	<5	<0.2	30	10	32	0.2	40	<1
39.85											
40m		Pale green arg andesite	617	<5	<0.2	27	10	26	0.4	50	<1
44.00											
45m		White s arg rock (sil veinlets & limonite)	618	<5	<0.2	9	12	6	0.8	20	5
48.00											
50m		Brown limonitic clay (~ sandy)	619	15	<0.2	35	112	9	3.8	40	6

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
50m		Reddish brown limonitic clay									
		53.05	618	25	<0.2	26	120	12	5.0	120	19
55m		Brown s arg rock (partially sil brock)	619	45	<0.2	10	106	8	1.8	380	1
		58.60									
		White grey m sil andesite with limo along crack	620	145	<0.2	70	60	6	4.6	350	6
60m		59.85									
		Purple grey m arg andesite	621	20	<0.2	33	50	6	1.6	170	4
		62.60									
65m			622	5	<0.2	82	18	14	0.4	350	2
			623	<5	<0.2	41	14	12	0.4	100	<1
		Dark grey s arg rock with py diss and film	624	5	<0.2	35	12	14	0.2	90	<1
70m			625	<5	<0.2	37	14	7	0.6	40	<1
75m			626	10	<0.2	11	6	5	0.4	30	3
		77.15									
		White~brown s sil rock (partially porous)	627	50	<0.2	7	10	4	0.4	170	1
80m			628	55	<0.2	8	20	2	0.4	40	2
		82.15									
85m		White~light brown(limonite) s arg rock with partially sil veinlet & limonite	629	15	<0.2	185	8	4	0.8	460	2
			630	5	<0.2	25	<1	4	0.6	40	1
90m			631	30	<0.2	75	32	6	0.4	110	1
		89.70									
		Light brown s sil rock (porous)	632	65	<0.2	28	1	4	0.2	120	2
95m			633	55	<0.2	38	2	6	0.8	70	3
		95.00									
		Light brown m sil & m arg rock									
100m											
		99.85									

Depth	Lith.	Description	No.	100~151m							
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
100m	[Cross-hatched pattern]	Grey s sil rock with py diss & limonite	634	15	<0.2	85	8	5	0.8	480	2
102.00			635	5	<0.2	150	14	7	0.2	50	1
105m	[Dotted pattern]	Grey s sil rock with py network	636	5	<0.2	1700	6	8	<0.2	50	<1
108.70-107.10			637	<5	<0.2	42	12	14	0.4	30	1
110m	[Dotted pattern]	White grey s arg rock with py diss	638	<5	<0.2	39	14	52	0.2	30	<1
115m			639	5	<0.2	35	10	6	0.6	30	1
115.90	[Dotted pattern]	White grey altered andesite	117.50	15	<0.2	15	10	78	1.0	330	11
117.50	(m arg, w sil)										
120m	[Horizontal lines]	Black mudstoe & dark grey sandstone	640	15	<0.2	15	10	78	1.0	330	11
120.00	[Horizontal lines]	Grey coarse grained sanstone (w sil, w arg) with py diss	641	10	<0.2	8	16	30	0.4	280	5
125m			642	10	<0.2	12	12	14	0.4	100	2
126.80	[Horizontal lines]	dark grey~grey fine-granied sandstone with py diss	130.25-131.00	10	<0.2	14	12	495	0.2	140	5
130m	130.25-131.00										
130m	[Horizontal lines]	Black mudstone	644	10	<0.2	45	12	28	0.8	530	7
131.50	[Horizontal lines]	Black mudstone	133.00-134.00	<5	<0.2	30	10	48	1.6	890	4
135m	133.00-134.00										
135m	[Horizontal lines]	Black to dark grey mudstone (well bedded, patially silty) with native sulpher veinlet	646	10	<0.2	40	20	9	2.2	720	10
140m	[Horizontal lines]	Black to dark grey mudstone (well bedded, patially silty) with native sulpher veinlet	647	5	<0.2	62	20	16	1.8	540	16
145m			648	5	<0.2	19	8	96	1.6	280	10
150m	[Horizontal lines]	Black to dark grey mudstone (well bedded, patially silty) with native sulpher veinlet	649	5	<0.2	26	6	60	0.4	80	5
151.00	[Horizontal lines]	Black to dark grey mudstone (well bedded, patially silty) with native sulpher veinlet	650	5	<0.2	11	<1	10	0.4	60	9





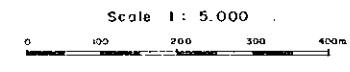
PL. I

REPORT ON THE MINERAL EXPLORATION
IN THE ÇANAKKALE AREA, THE REPUBLIC OF TURKEY

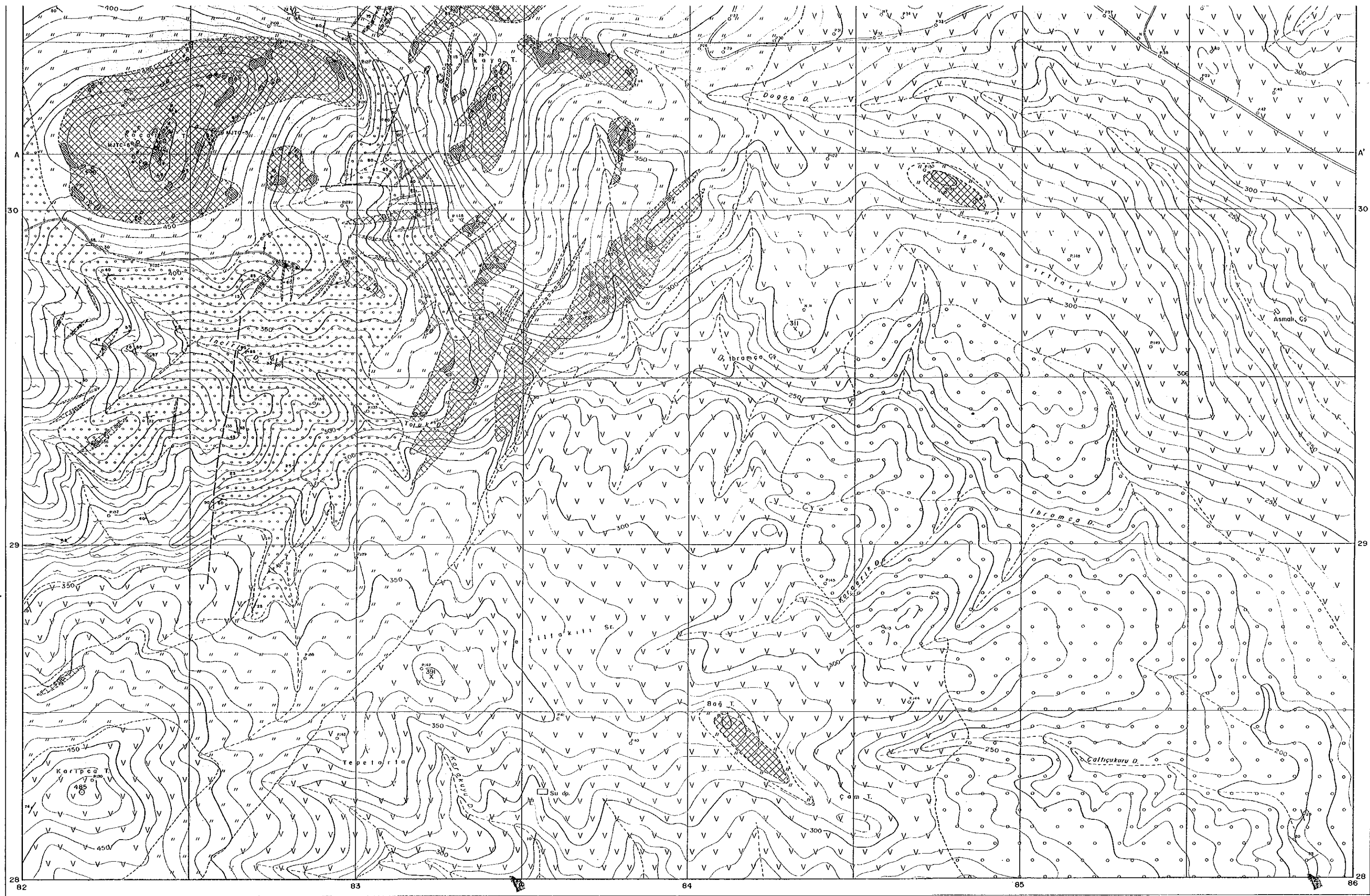
GEOLOGIC MAP OF THE ARLIK DERE AREA

FEBRUARY 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN



- LEGEND
- | | | | |
|------------|-------------------------------|--|--|
| Holocene | Kocaçakıl Basalt | | Basalt lava |
| | Karaköy F. | | Conglomerate, sandstone and mudstone |
| | Miocene Şapçı Vol. | | Andesite lava with its pyroclastics |
| | Jurassic Kızıllı Conglomerate | | Conglomerate, mudstone with sandstone |
| Triassic | Taşdıbek F. | | Meta-volcanics |
| | | | Strongly silicified body |
| Alteration | | | Medium silicified, and argillized zone and/or body |
| | | | Silicified and argillized zone |
| | | | Argillized zone |
| | | | Probable fault |
| | | | Strike and dip of fault |
| | | | Strike and dip of bedding |
| | | | Strike and dip of schistosity |
| | | | Strike and dip of joint |
| | | | Fossil |
| | | | Trench |
| | | | Drilling site |
| | | | Profile line |



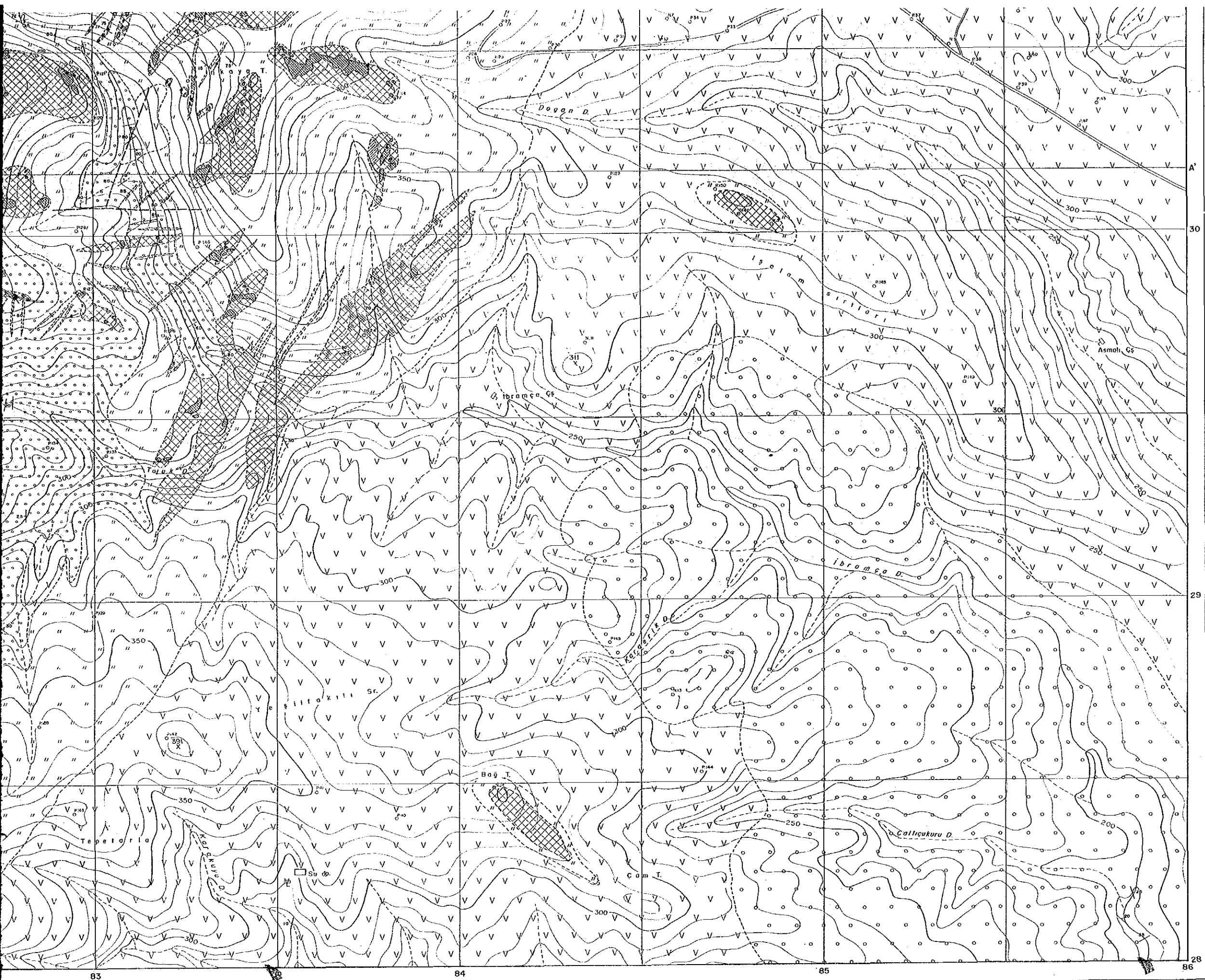
28
82

83

84

85

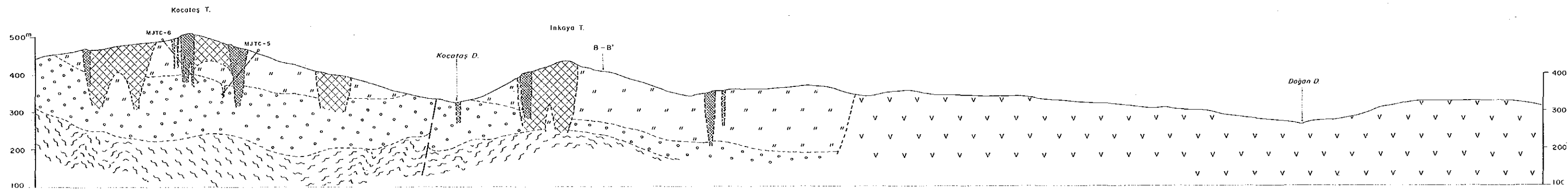
86
28



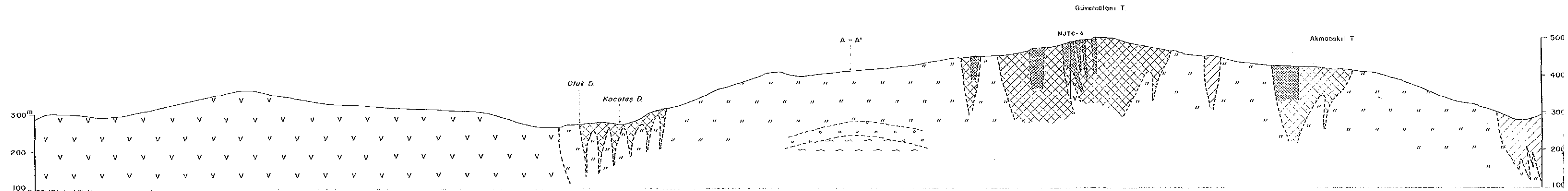
LEGEND

- | | | | |
|------------|----------------------|--|--|
| Holocene | Kocaçaklı Basalt | | Basalt lava |
| | Karaköy F. | | Conglomerate, sandstone and mudstone |
| Miocene | Şapçı Vol. | | Andesite lava with its pyroclastics |
| Jurassic | Kızıllı Conglomerate | | Conglomerate, mudstone with sandstone |
| Triassic | Taşdibek F. | | Meta-volcanics |
| | | | Strongly silicified body |
| Alteration | | | Medium silicified, and argillized zone and/or body |
| | | | Silicified and argillized zone |
| | | | Argillized zone |
| | | | Probable fault |
| | | | Strike and dip of fault |
| | | | Strike and dip of bedding |
| | | | Strike and dip of schistosity |
| | | | Strike and dip of joint |
| | | | Fossil |
| | | | Trench |
| | | | Drilling site |
| | | | Profile line |

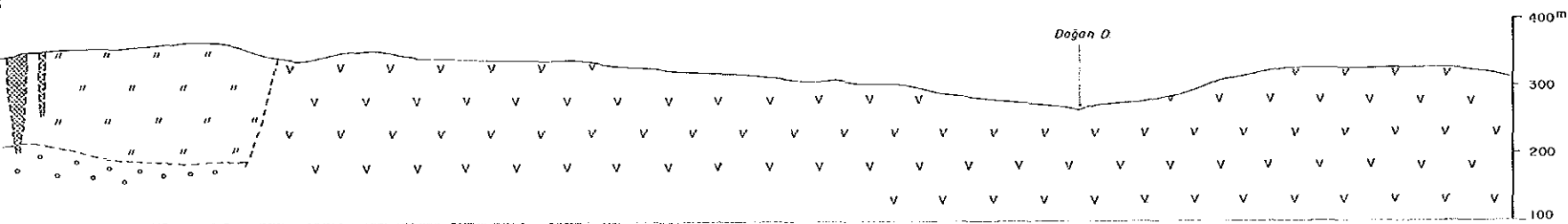
A—A'



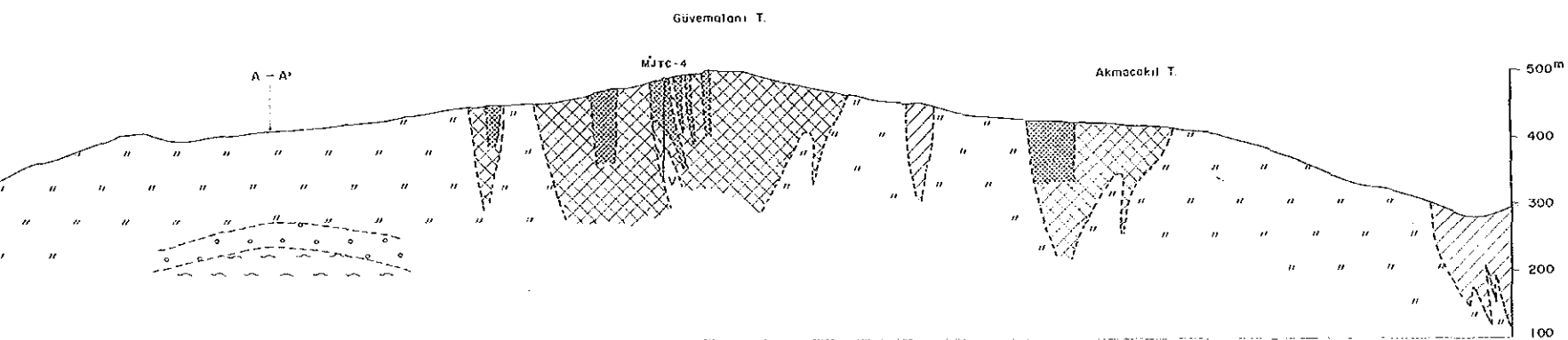
B—B'



A—A'



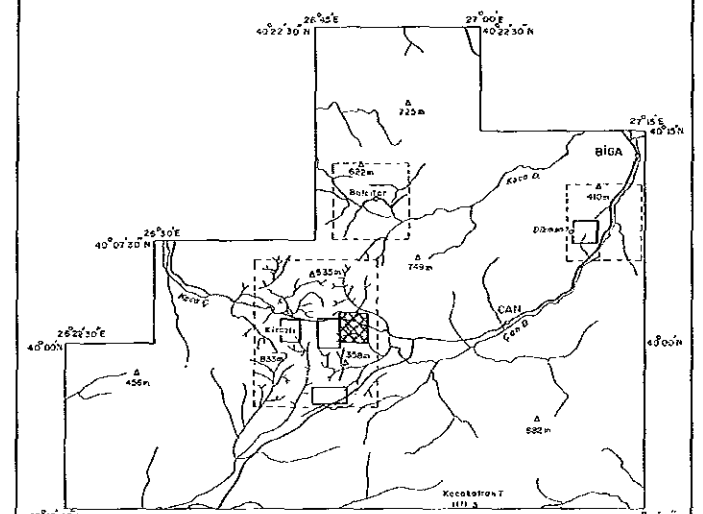
B—B'



L E G E N D

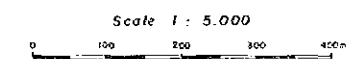
- | | | | |
|----------|----------------------|--|---------------------------------------|
| Holocene | Karaköy F. | | Conglomerate, sandstone and mudstone |
| Miocene | Şapçı Vol. | | Andesite lava with its pyroclastics |
| Jurassic | Kirazlı Conglomerate | | Conglomerate, mudstone with sandstone |
| Triassic | Taşdıbek F. | | Meta-volcanics |
| | | | Strongly silicified body |
| | | | Medium silicified body |
| | | | Silicified and argillized zone |
| | | | Argillized zone |
| | | | Probable fault |
| | | | Drilling note |

REPORT ON THE MINERAL EXPLORATION
IN THE ÇANAKKALE AREA, THE REPUBLIC OF TURKEY
CROSS SECTIONS OF THE ARLIK DERE AREA

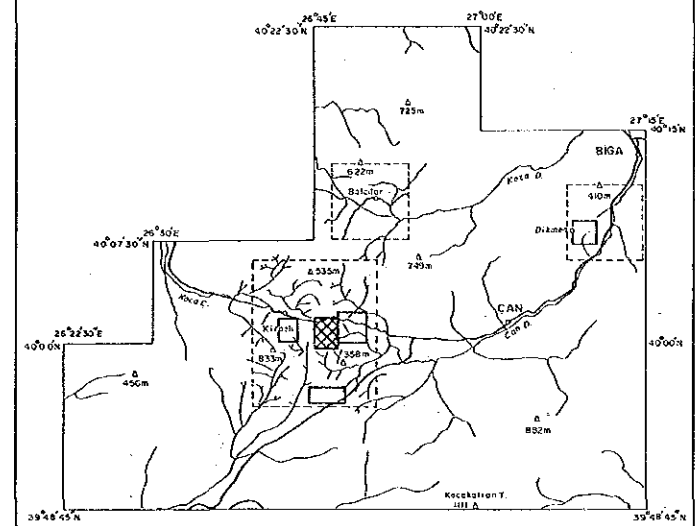


FEBRUARY 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

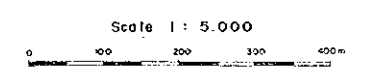


REPORT ON THE MINERAL EXPLORATION
IN THE ÇANAKKALE AREA, THE REPUBLIC OF TURKEY
GEOLOGIC MAP OF THE KARAIBRAHİMLER AREA



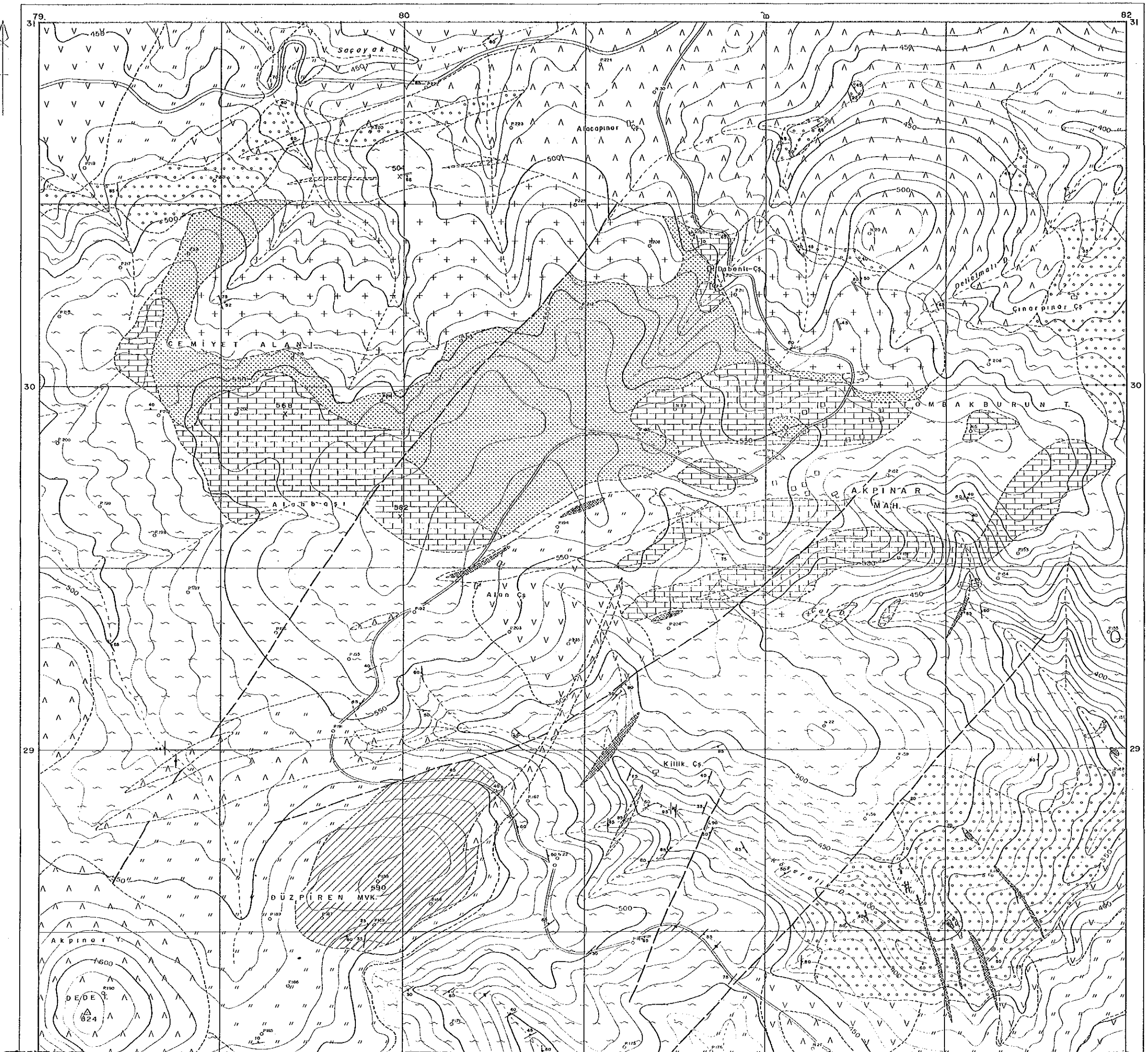
FEBRUARY 1990

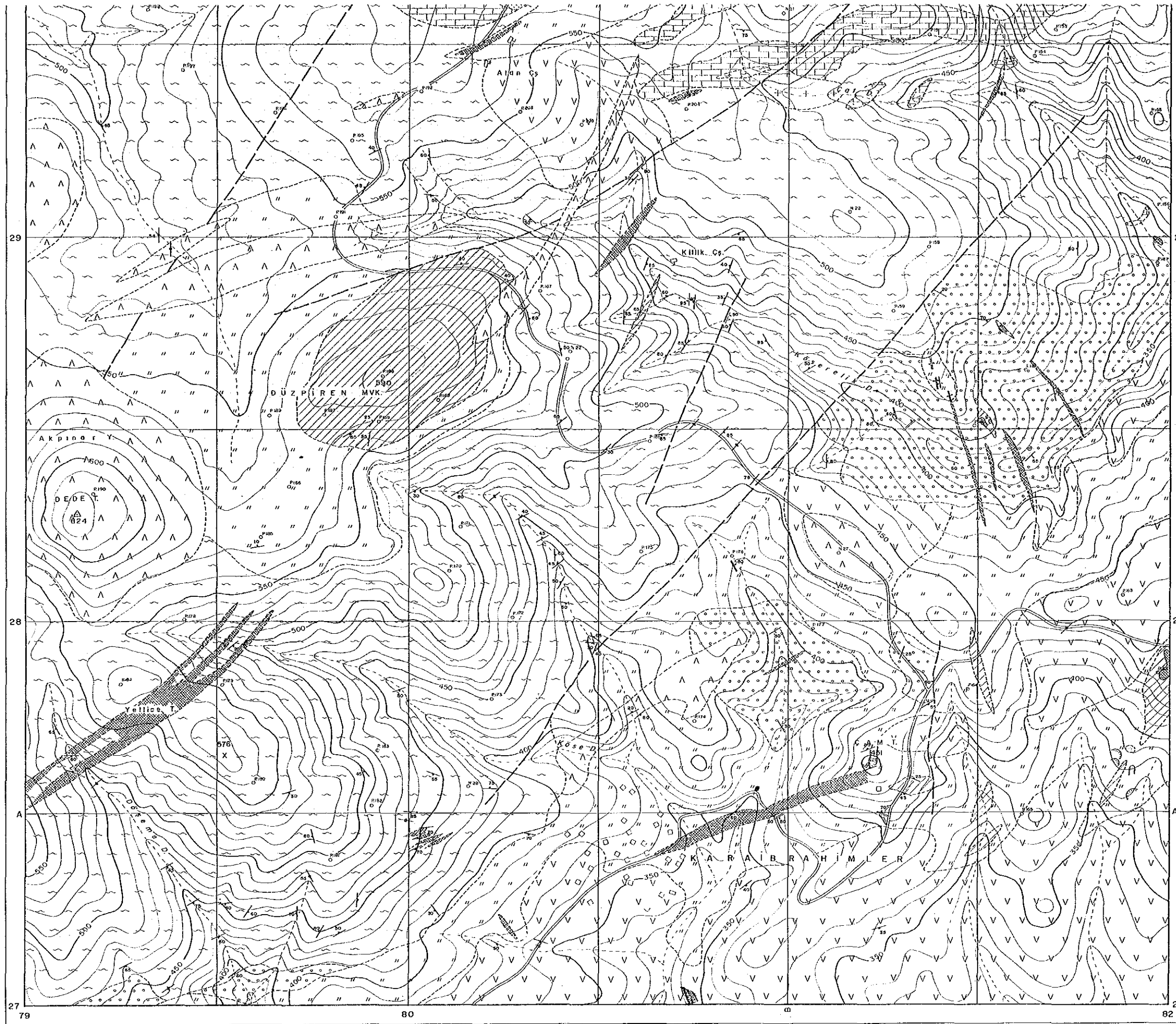
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN



LEGEND

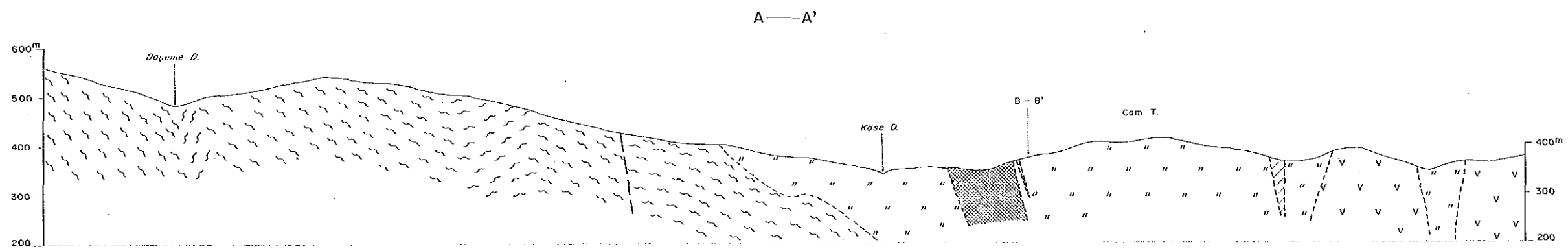
- Holocene Kocaçaklı Basalt Basalt lava and dyke
- Miocene Şopçı Vol. Andesite lava with its pyroclastics
- Jurassic Kirazlı Conglomerate Conglomerate, mudstone and sandstone
- Triassic Taşdıbek F. Akpınar granite
- Meta-volcanics with meta-sediments
- Crystalline limestone
- Strongly silicified body
- Alteration Medium silicified, and argillized zone and/or body
- Argillized zone
- Mineralization Skarn zone (garnet, hematite)
- Probable fault
- Strike and dip of fault
- Strike and dip of bedding
- Strike and dip of schistosity
- Strike and dip of joint
- Strike and dip of quartz-py vein
- Trench
- Profile line





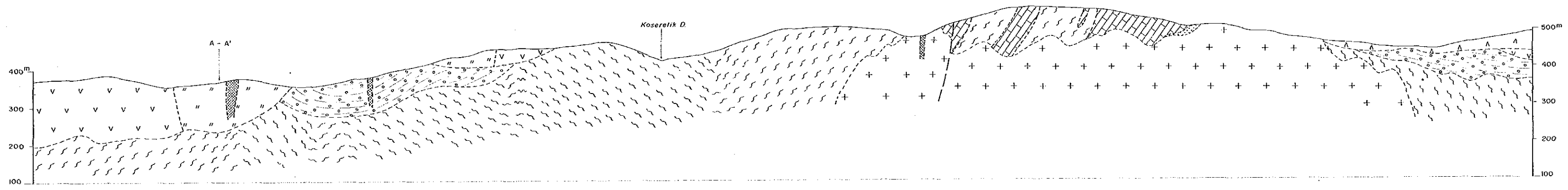
LEGEND

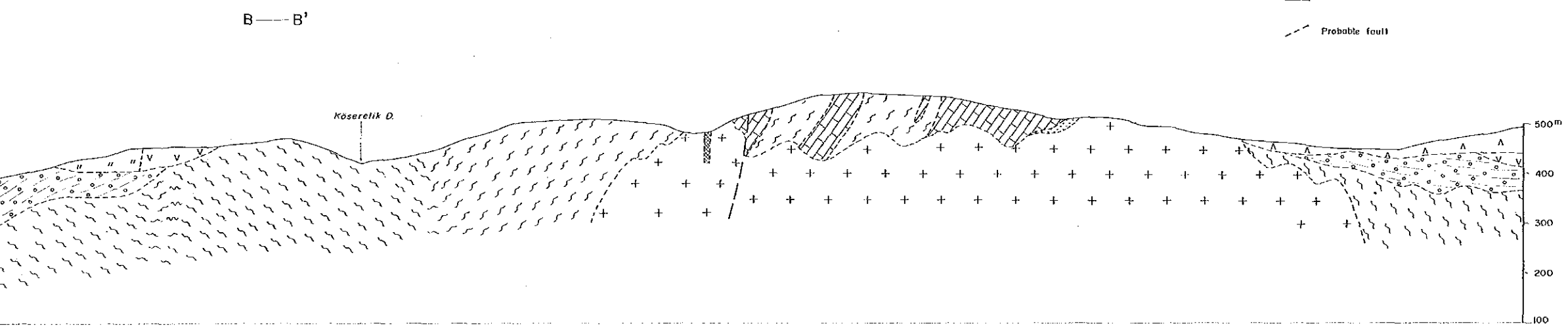
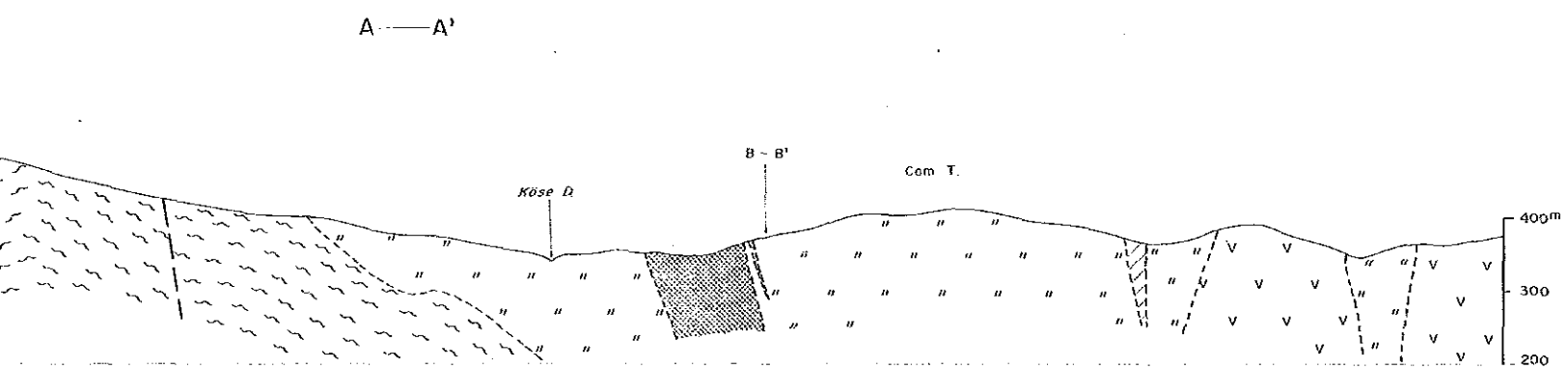
- | | | | |
|----------------|----------------------|--|--|
| Holocene | Kocçakıl Basalt | | Basalt lava and dyke |
| Miocene | Şapçı Vol. | | Andesite lava with its pyroclastics |
| Jurassic | Kirazlı Conglomerate | | Conglomerate, mudstone and sandstone |
| Triassic | Taşlıbek F. | | Akpınar granite |
| | | | Meta-volcanics with meta-sediments |
| Alteration | | | Crystalline limestone |
| | | | Strongly silicified body |
| | | | Medium silicified, and argillized zone and/or body |
| Mineralization | | | Argillized zone |
| | | | Skarn zone (garnet, hematite) |
| | | | Probable fault |
| | | | Strike and dip of fault |
| | | | Strike and dip of bedding |
| | | | Strike and dip of schistosity |
| | | | Strike and dip of joint |
| | | | Strike and dip of quartz-py vein |
| | | | Trench |
| | | | Profile line |



L E G E N D

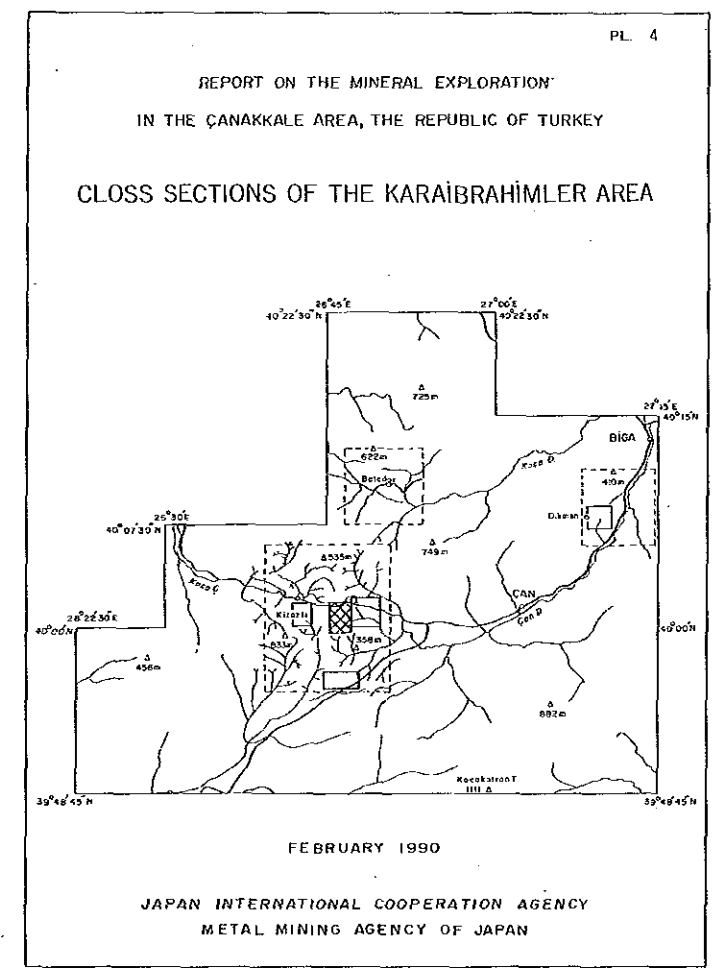
Quaternary	Kocaçaklı Basalt		Basalt lava and dyke
Miocene	Şapçı Vol.		Andesite lava with its pyroclastics
Jurassic	Kirazlı Conglomerate		Conglomerate, mudstone and sandstone
Triassic	Taşdibek F.		Akpınar granite
			Meta-volcanics with meta-sediments
			Crystalline limestone
			Strongly silicified body
Alteration			Medium silicified, and argillized zone and/or body
			Argillized zone
Mineralization			Skarn zone (garnet, hematite)
			Probable fault



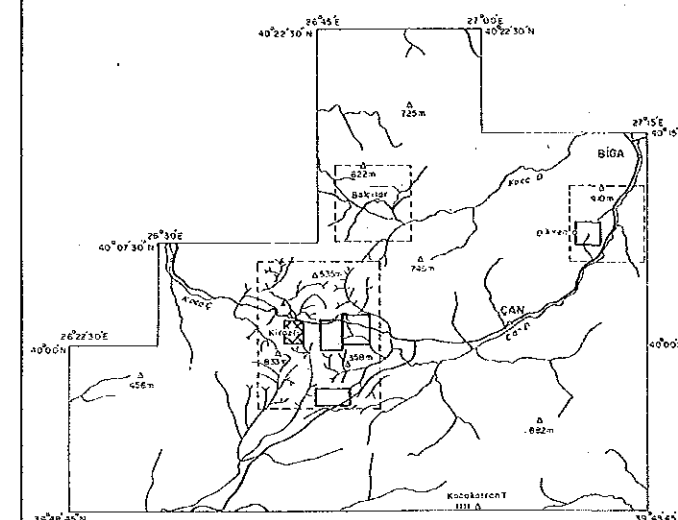


LEGEND

- | | | | |
|----------------|----------------------|--|--|
| Holocene | Kocaçaklı Basalt | | Basalt lava and dyke |
| Miocene | Şapçı Vol. | | Andesite lava with its pyroclastics |
| Jurassic | Kirazlı Conglomerate | | Conglomerate, mudstone and sandstone |
| Tertiary | Taşdıbek F. | | Akpınar granite |
| | | | Meta-volcanics with meta-sediments |
| | | | Crystalline limestone |
| Alteration | | | Strongly silicified body |
| | | | Medium silicified, and argillized zone and/or body |
| Mineralization | | | Argillized zone |
| | | | Skarn zone (garnet, hematite) |
| | | | Probable fault |



REPORT ON THE MINERAL EXPLORATION
IN THE ÇANAKKALE AREA, THE REPUBLIC OF TURKEY
GEOLOGIC MAP OF THE KESTANE DAĞI AREA



FEBRUARY 1990

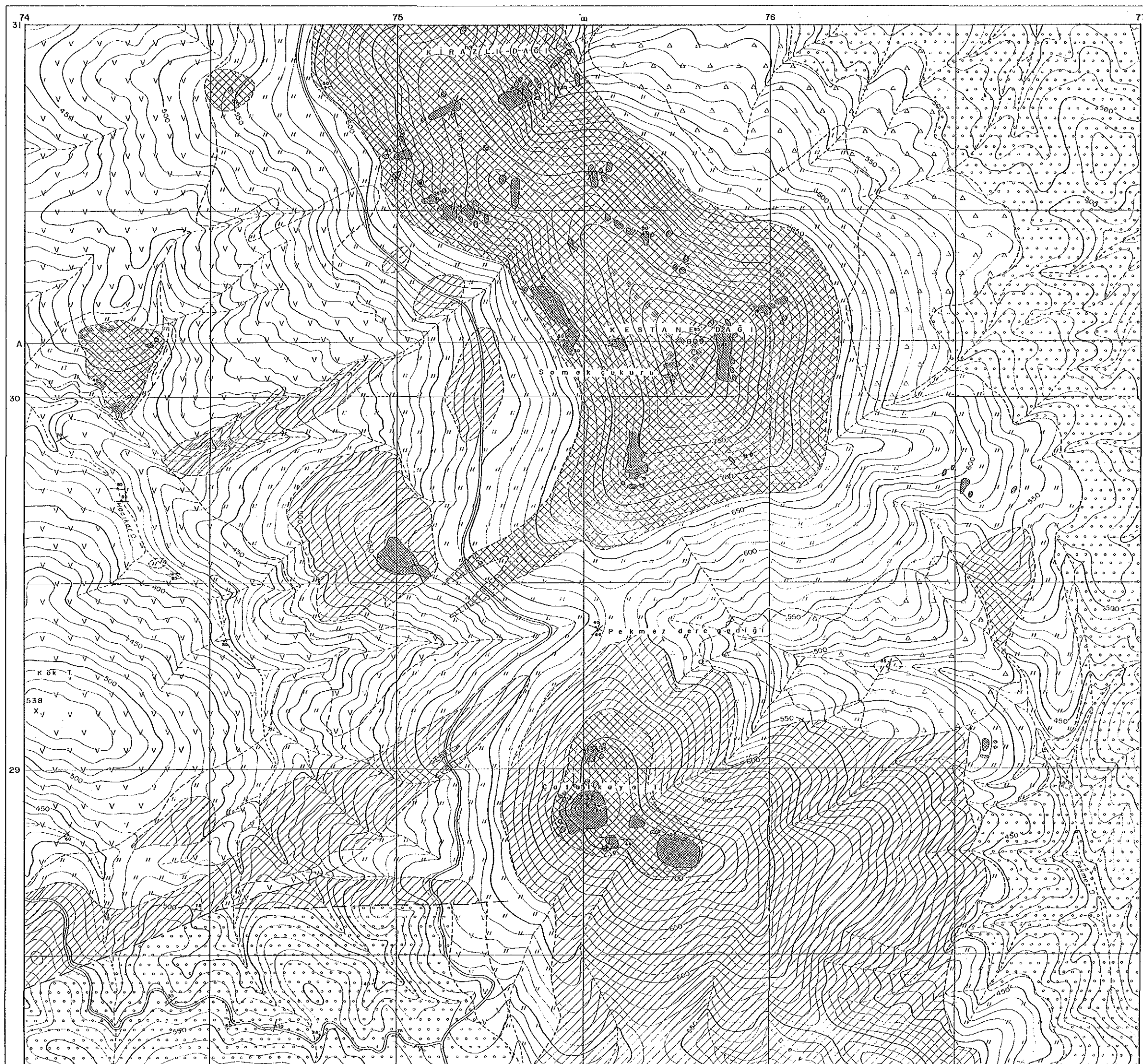
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

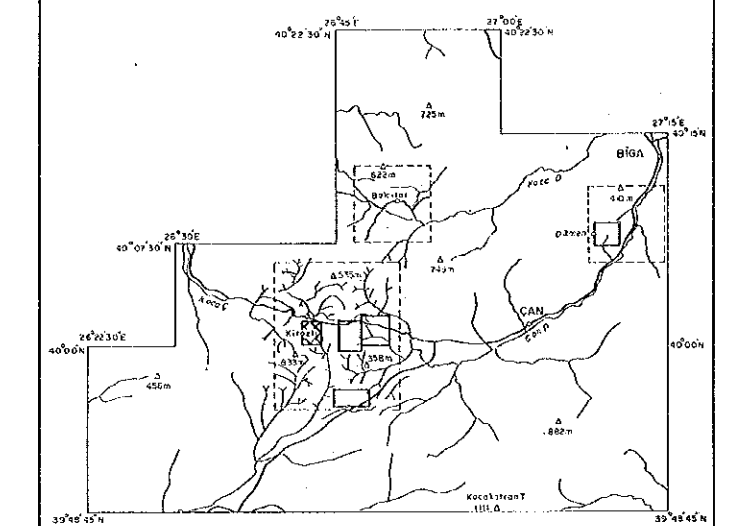
Scale 1 : 5.000



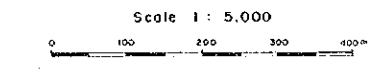
LEGEND

- | | | | |
|------------|----------------------|--|--------------------------------------|
| Holocene | Talus breccia | | Breccia and sand |
| Miocene | Şapçı Vol. | | Andesite lava with its pyroclastics |
| Jurassic | Kirozli Conglomerate | | Conglomerate, sandstone and mudstone |
| Triassic | Taşdibek F. | | Meta-volcanics |
| Alteration | | | Strongly silicified body |
| | | | Medium silicified body |
| | | | Silicified and argillized zone |
| | | | Argillized zone |
| | | | Probable fault |
| | | | Strike and dip of fault |
| | | | Strike and dip of bedding |
| | | | Strike and dip of joint |
| | | | Strike and dip of quartz vein |
| | | | Fossil |
| | | | Profile line |



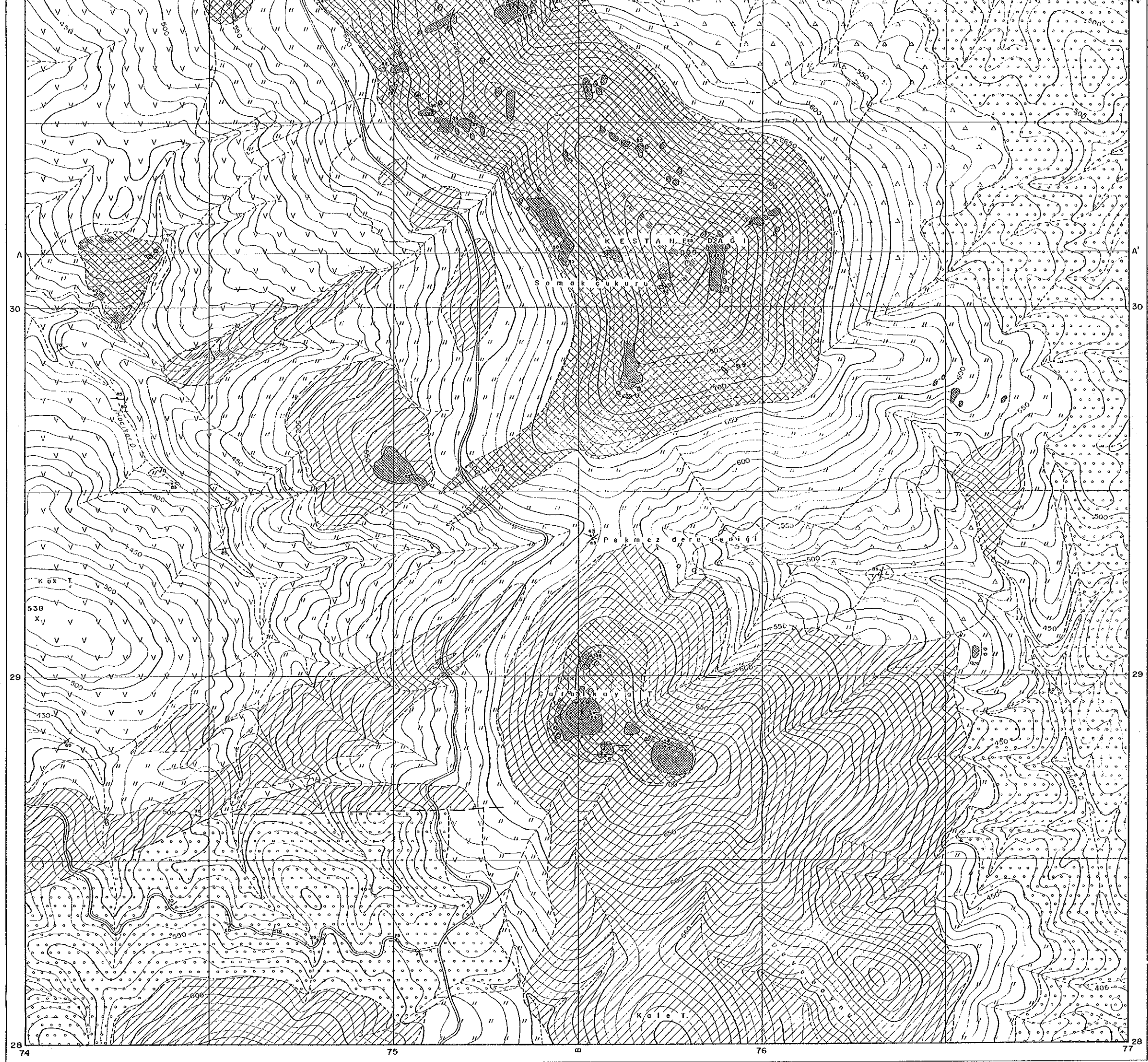


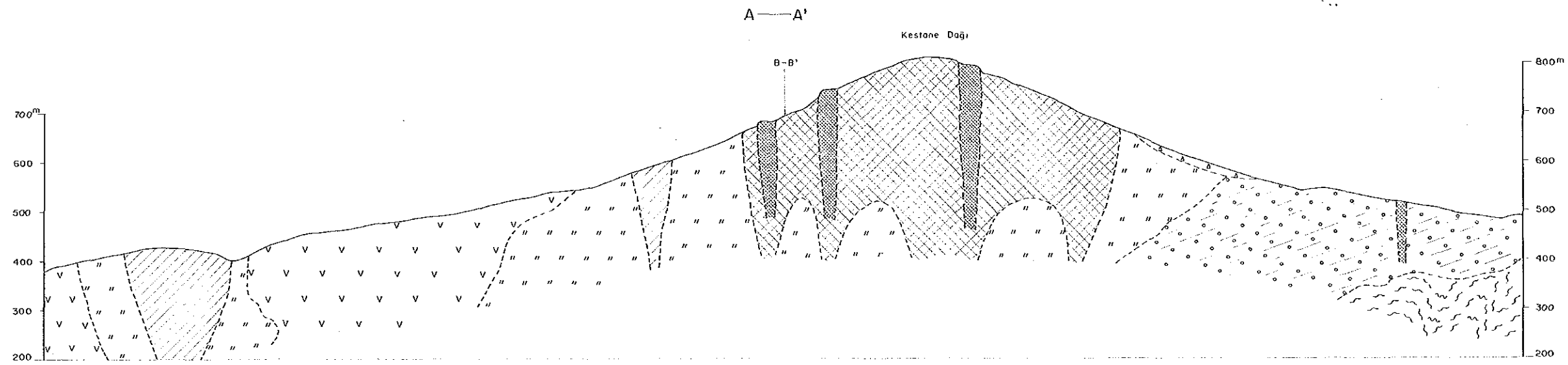
FEBRUARY 1990
 JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN



LEGEND

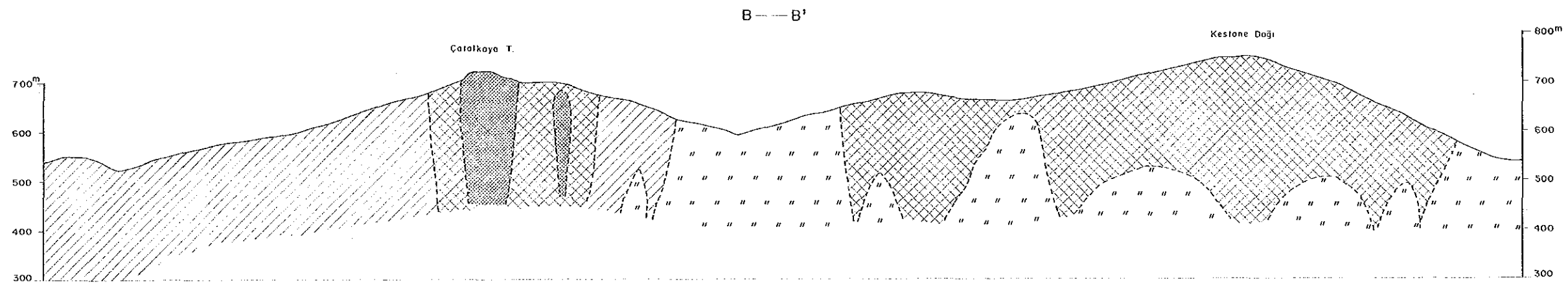
- Holocene Tolus breccia [Symbol]
- Miocene Şapçı Vol. [Symbol]
- Jurassic Kirazlı Conglomerate [Symbol]
- Triassic Taşdıbek F. [Symbol]
- Alteration
 - [Symbol] Strongly silicified body
 - [Symbol] Medium silicified body
 - [Symbol] Silicified and argillized zone
 - [Symbol] Argillized zone
- [Symbol] Probable fault
- [Symbol] Strike and dip of fault
- [Symbol] Strike and dip of bedding
- [Symbol] Strike and dip of joint
- [Symbol] Strike and dip of quartz vein
- [Symbol] Fossil
- [Symbol] Profile line

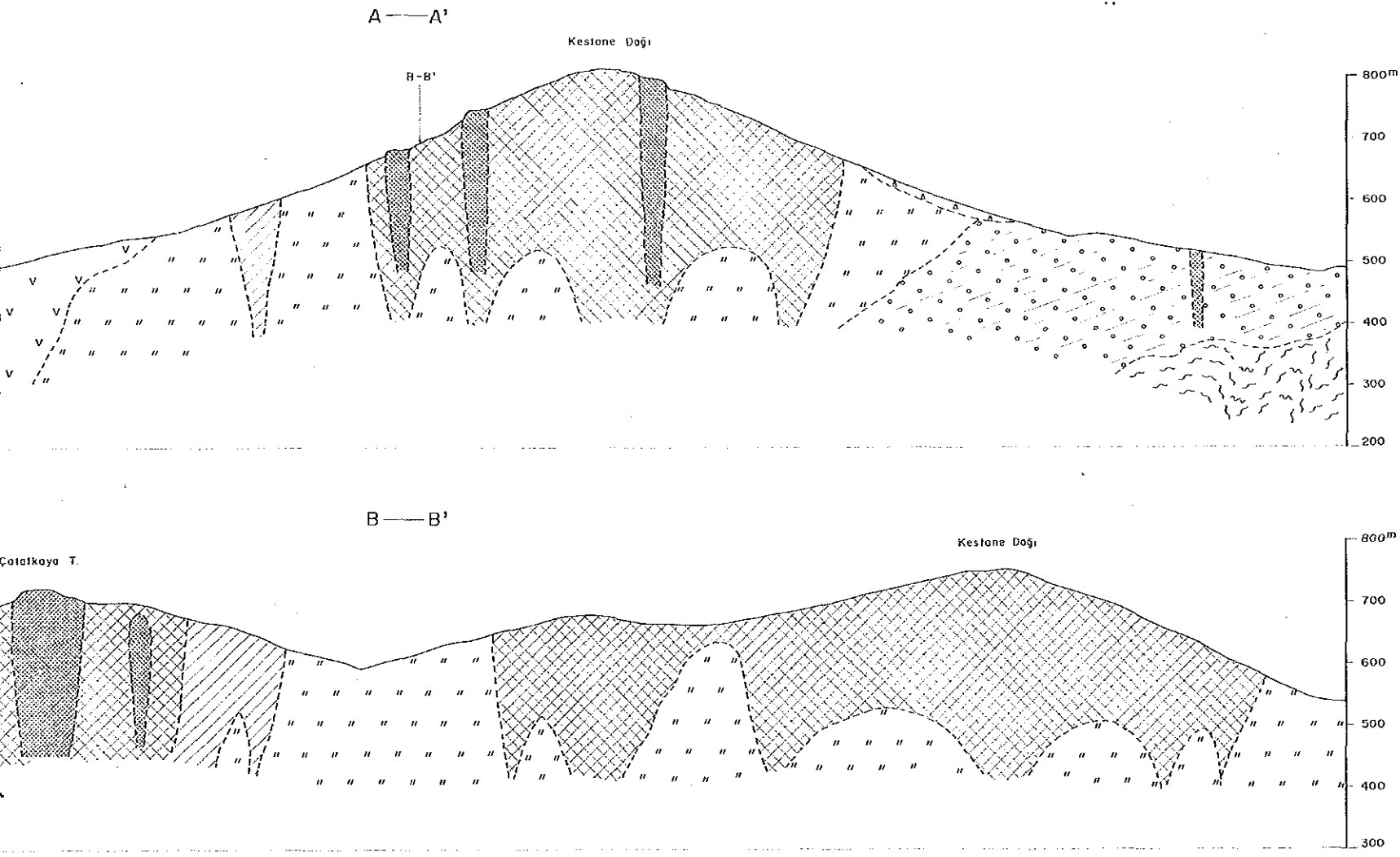




L E G E N D

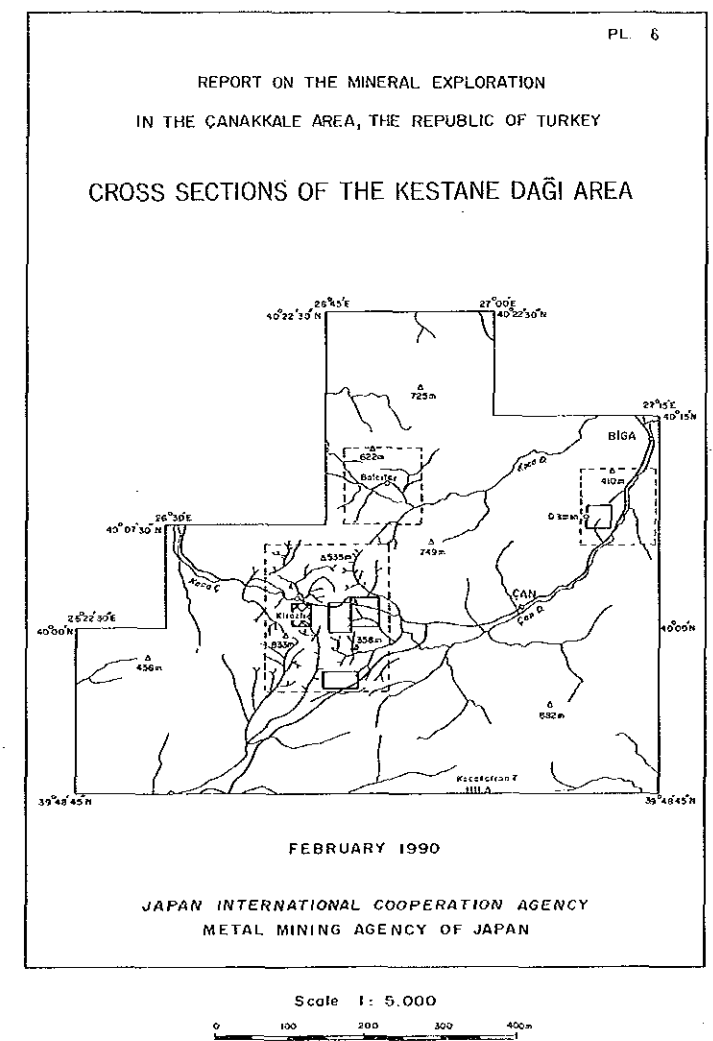
Holocene	Talus breccia		Breccia and sand
Miocene	Şapçı Vol.		Andesite lava with its pyroclastics
Jurassic	Kirazlı Conglomerate		Conglomerate, sandstone and mudstone
Triassic	Taşdibek F.		Meta-volcanics
			Alteration
			Strongly silicified body
			Medium silicified, and argillized zone and/or body
			Silicified and argillized zone
			Argillized zone

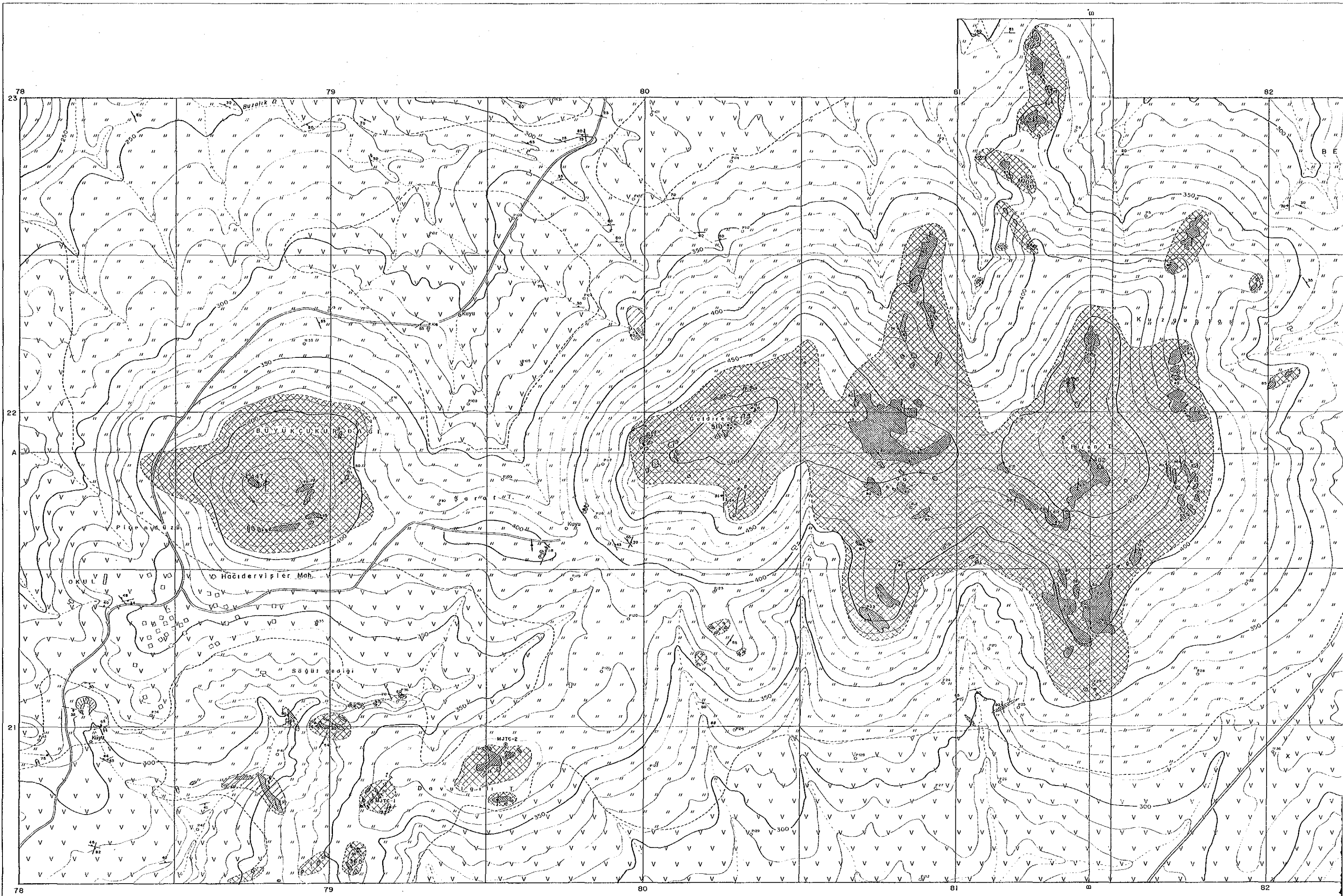




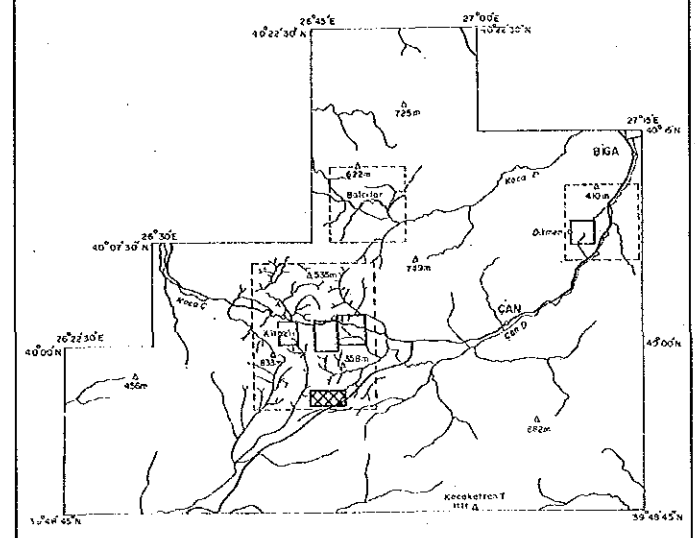
L E G E N D

Holocene	Talus breccia		Breccia and sand
Miocene	Şopçu Vol.		Andesite lava with its pyroclastics
Jurassic	Kirazlı Conglomerate		Conglomerate, sandstone and mudstone
Triassic	Taşdibek F.		Meta-volcanics
Alteration			Strongly silicified body
			Medium silicified, and argillized zone and/or body
			Silicified and argillized zone
			Argillized zone



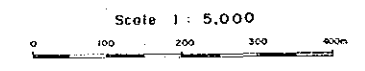


REPORT ON THE MINERAL EXPLORATION
IN THE ÇANAKKALE AREA, THE REPUBLIC OF TURKEY
GEOLOGIC MAP OF THE PİREN TEPE AREA



FEBRUARY 1990

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN



LEGEND

- Miocene Şapçı Vol. Andesite lava
- Alteration
 - Strongly silicified body
 - Medium silicified body
 - Silicified and argillized zone
 - Argillized zone
- Strike and dip of fault
- Strike and dip of flow banding
- Strike and dip of joint
- Underground
- Trench
- Drilling site
- Profile line

