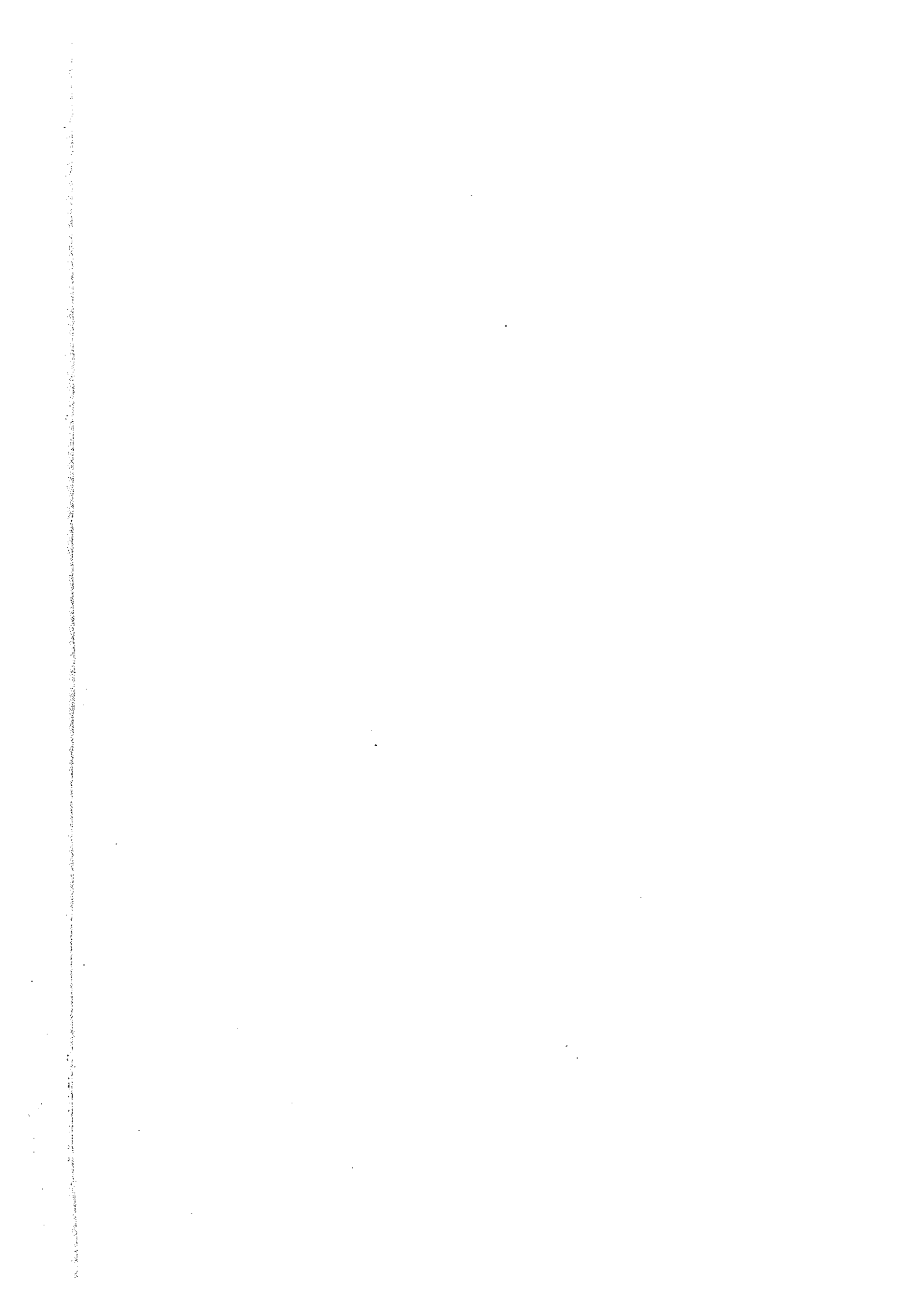






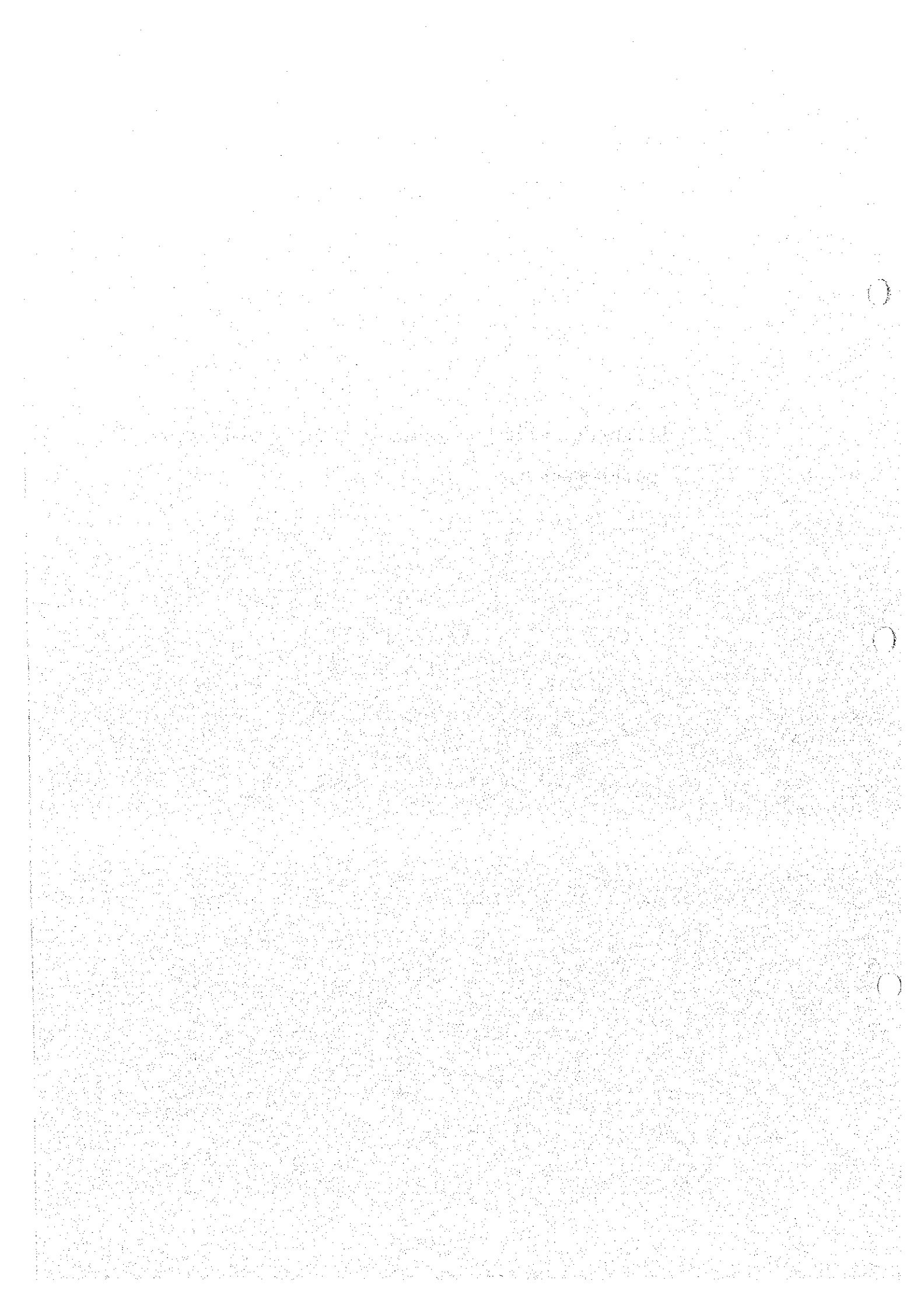
Ore samples

Site	Depth	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
MDDH-1	51.1m	24	5	356	127	128	77	55	6	23
MDDH-1	51.4m	3084	<5	223	72	68	47	36	13	16
MDDH-1	51.7m	178	<5	103	27	13	11	56	12	5
MDDH-1	51.95m	1222	<5	372	76	63	56	48	4	13
MDDH-1	53.2m	20	<5	342	86	85	59	51	2	17
MDDH-1	53.55m	<1	<5	704	124	106	80	53	91	20
MDDH-1	53.75m	2212	<5	288	76	71	44	35	9	21
MDDH-1	53.9m	11046	<5	324	58	47	43	43	3	11
MDDH-1	53.95m	4308	<5	289	63	58	38	33	5	14
MDDH-1	54.1m	56	<5	249	48	44	43	27	21	12
MDDH-1	76.6m	40	<5	256	48	38	20	33	22	13
MDDH-1	77.4m	26	<5	434	70	62	29	27	14	10
MDDH-1	78.6m	258	<5	169	10	10	11	22	24	6
MDDH-1	79.7m	40	<5	1069	73	66	37	51	12	14
MDDH-1	82.3m	54	<5	192	50	44	34	33	14	14
MDDH-1	82.4m	1718	<5	247	60	58	50	46	13	21
MDDH-1	82.6m	58	<5	169	49	42	33	37	10	19
MDDH-1	83.8m	244	11	327	30	12	12	79	29	27
MDDH-1	84.5m	19096	<5	322	110	100	48	51	16	16
MDDH-1	84.8m	758	<5	448	60	43	31	35	27	9
MDDH-1	85.2m	1040	<5	227	49	33	23	21	9	7
MDDH-1	113.3m	132	16	1775	43	50	26	14	159	11
MDDH-1	113.4m	8856	7	1440	46	60	28	18	27	6
MDDH-1	113.5m	2012	9	756	55	62	43	24	23	8
MDDH-1	113.9m	100	8	670	73	92	47	25	8	7
MDDH-1	114.6m	128	8	898	72	95	108	35	26	10
MDDH-3	21.0m	46016	<5	801	47	52	42	67	30	25
MDDH-3	21.5m	188	<5	345	20	17	16	36	25	8
MDDH-3	21.8m	36	<5	385	24	16	19	41	34	7
MDDH-3	22.0m	40	<5	525	71	78	44	50	91	15
MDDH-3	93.1m	92	433	647	164	132	90	74	34	46
MDDH-3	93.8m	26	78	1100	180	83	70	71	130	17
MDDH-3	94.3m	54	110	887	205	80	80	58	69	14
MDDH-3	94.5m	42	444	795	108	128	453	54	704	24
MDDH-3	94.8m	144	461	861	84	126	214	58	26	64
MDDH-3	94.85m	54	78	668	18	25	158	10	30	6
MDDH-3	109.9m	348	505	633	85	133	109	38	77	26
MDDH-3	110.7m	274	371	634	54	91	82	12	49	18
MDDH-3	110.95m	1118	10000	512	77	109	74	58	64	21
MDDH-3	149.2m	310	2597	338	66	72	72	40	46	21
MDDH-3	149.3m	68	406	349	51	56	63	32	45	14
MDDH-4	2.8m	48	7	546	154	168	21	44	11	20
MDDH-4	3.0m	38	<5	327	163	135	18	45	43	28
MDDH-4	3.7m	38	<5	111	121	53	9	22	15	7
MDDH-4	4.0m	12	<5	92	82	51	5	15	14	5
MDDH-4	4.5m	8	<5	57	121	55	6	15	29	5
MDDH-4	7.1m	26	<5	190	179	78	14	55	80	13
MDDH-4	7.3m	34	<5	196	207	99	20	87	130	17
MDDH-4	7.5m	16	<5	221	137	134	14	28	128	12
MDDH-4	7.8m	158	<5	123	85	75	12	35	37	10
MDDH-5	109.9m	136	4309	376	50	32	57	16	17	9
MDDH-5	110.5m	188	908	293	28	30	52	16	39	7
MDDH-5	110.8m	60	171	374	47	43	125	29	58	14
MDDH-5	111.2m	2386	10000	408	55	56	45	30	37	11
MDDH-5	111.5m	684	5326	529	51	60	63	56	102	35
MDDH-5	111.6m	400	2241	724	75	77	74	169	177	79
MDDH-5	112.0m	8850	10000	273	26	19	32	16	26	5
MDDH-5	112.3m	76	329	393	53	52	54	37	54	17





**Ap. 14 la liste du résultat de l'examen de l'analyse de rayons X  
pour les poudres**



Ap.11 Results of X-ray diffraction

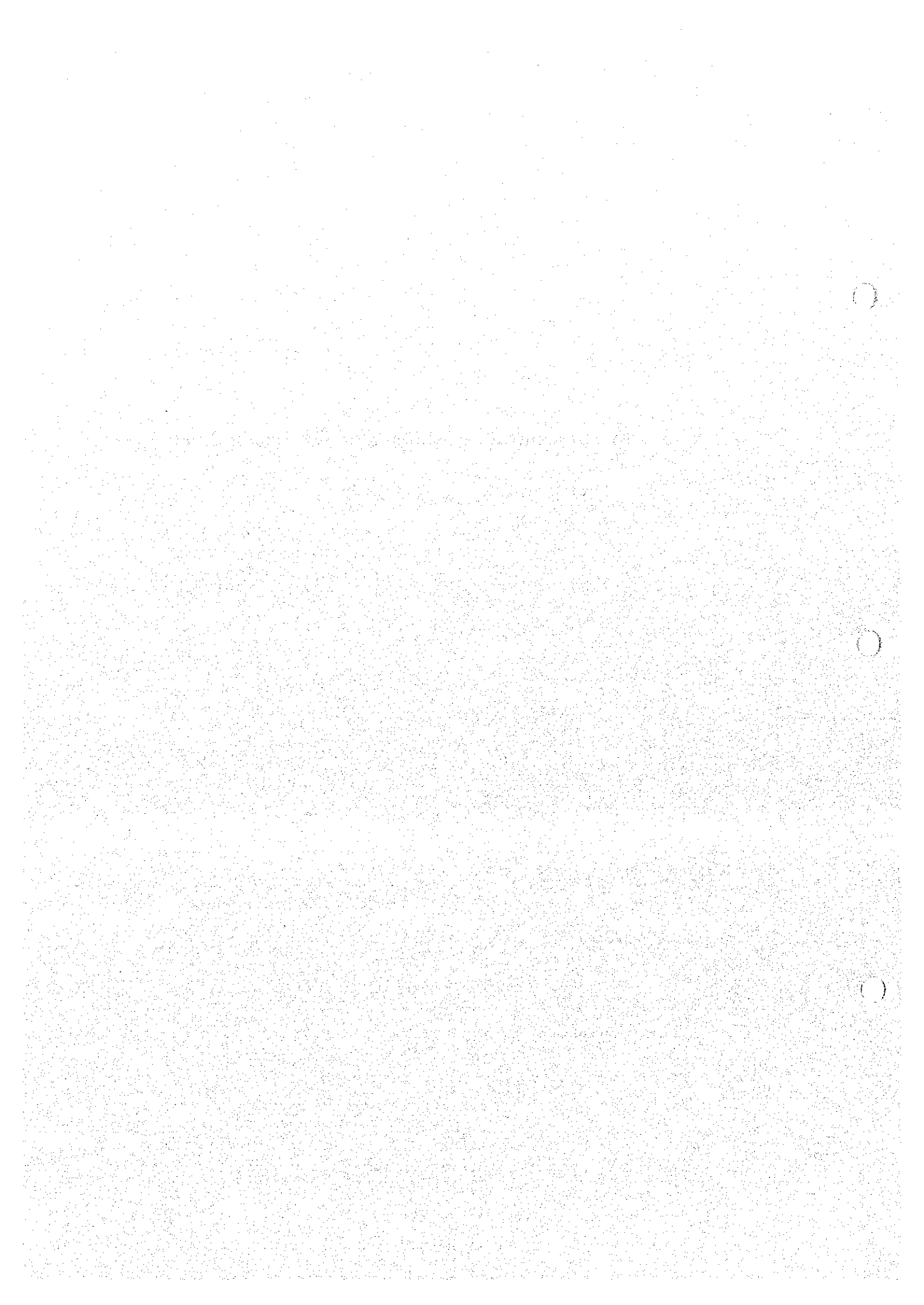
No.	Sample	Detected minerals										
		Quartz	Orthoclase	Albite	Biotite	Muscovite	Chlorite	Vermiculite	Calcite	Dolomite	Hematite	Pyrite
1	MDDH-1 53.1m	⊙	○			△	△	△			△	
2	MDDH-1 53.5m		⊙			○	△	△			△	
3	MDDH-1 53.7m		⊙		⊙	△	△					•
4	MDDH-1 77.6m	⊙	△		△	⊙	○		△			•
5	MDDH-1 82-1m	⊙	△		○	△	△		△			
6	MDDH-1 82.9m	⊙	△			○	△					
7	MDDH-1 83.8m	⊙	△			○	△			○		•
8	MDDH-1 84.4m	⊙	○			•	○					•
9	MDDH-1 113.7m	⊙	•			△	○		•			•
10	MDDH-3 86.7m	⊙		△		○			•			△

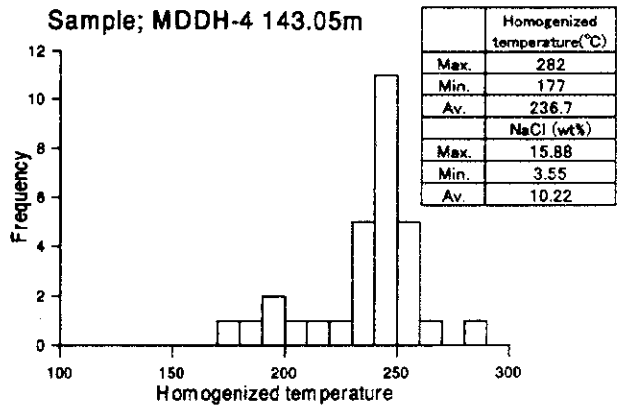
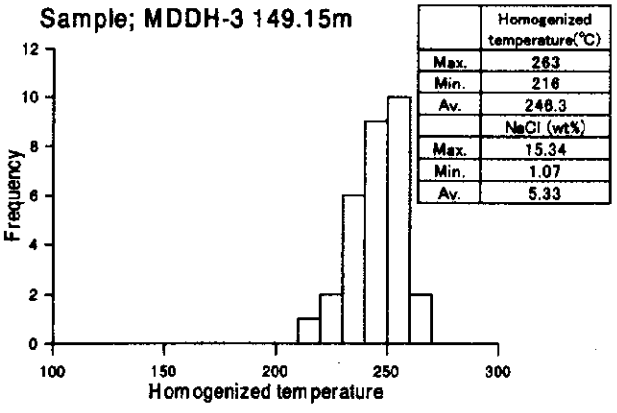
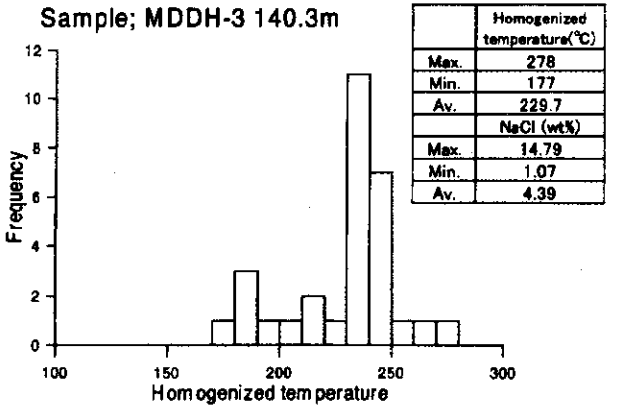
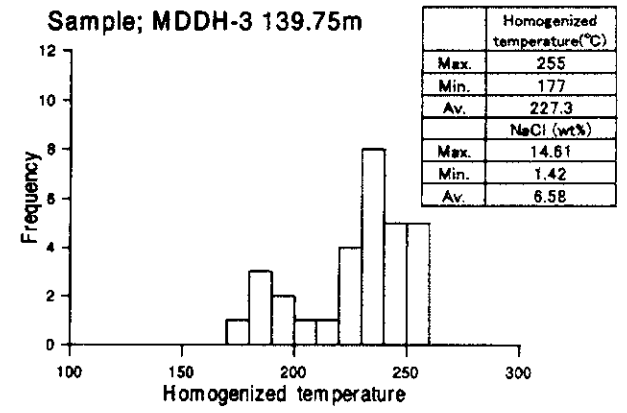
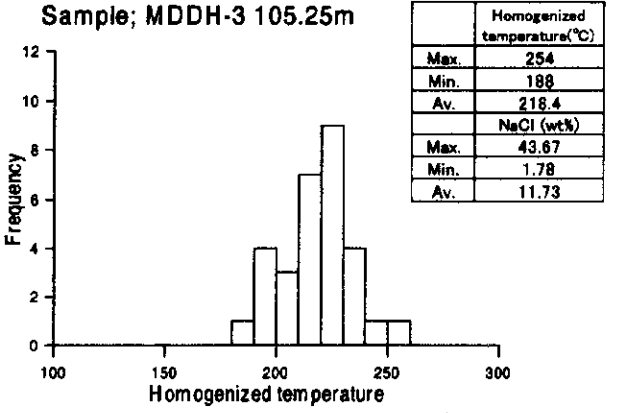
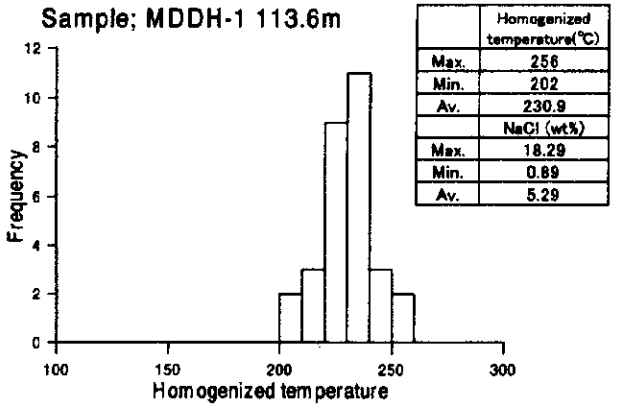
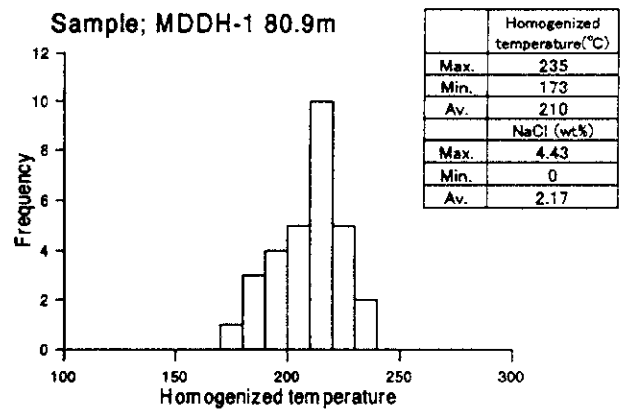
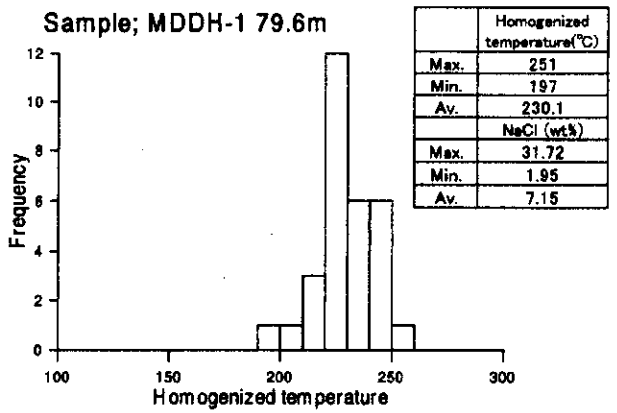
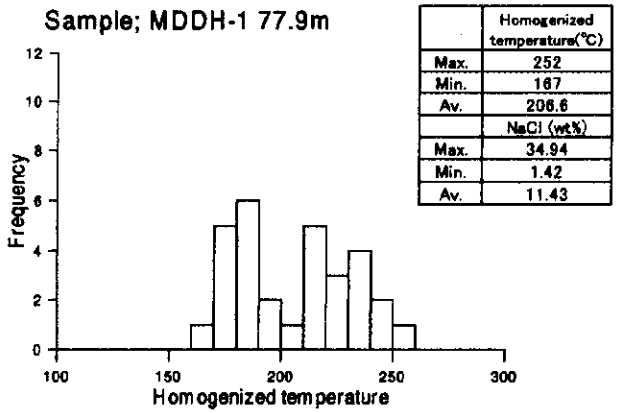
⊙; abundant ○; common △; little •; rare



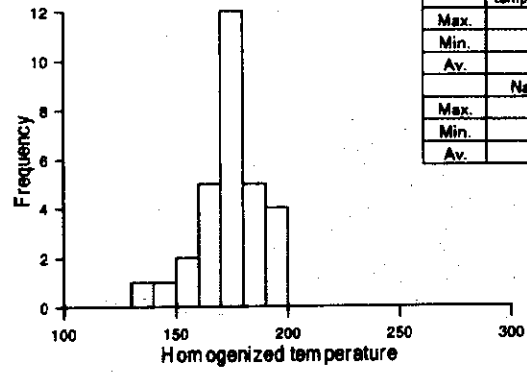


**Ap. 15 le résultat de l'examen de l'inclusion fluide**



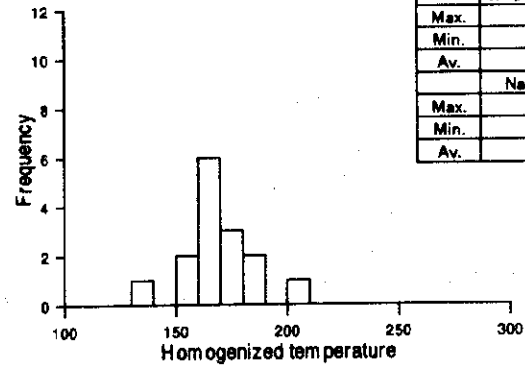


Sample; Morila 1



	Homogenized temperature(°C)
Max.	200
Min.	137
Av.	174.6
NaCl (wt%)	
Max.	6.02
Min.	0.53
Av.	2.66

Sample; Morila 2



	Homogenized temperature(°C)
Max.	202
Min.	136
Av.	170.2
NaCl (wt%)	
Max.	-
Min.	-
Av.	-

Results of fluid inclusion homogenization temperature (1)

Sample: MDDH-1 77.9m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	182	5x10	I	P		
2	Qz	188	5x5	I	P	-2.1	3.72
3	Qz	167	5x10	I	S		
4	Qz	174	5x5	I	P		
5	Qz	215	5x10	I	P		
6	Qz	220	5x5	I	P	-1.6	2.84
7	Qz	232	5x10	I	P		
8	Qz	252	5x10	I	P	-2.4	4.25
9	Qz	176	5x5	I	S		
10	Qz	187	5x10	I	P		
11	Qz	245	5x10	I	P	-16.6	30.88
12	Qz	217	5x5	I	P		
13	Qz	192	5x10	I	P	-0.8	1.42
14	Qz	229	5x5	I	P	-1.8	3.19
15	Qz	213	3x5	I	P		
16	Qz	177	3x5	I	P		
17	Qz	242	10x15	I	P	-14.2	25.98
18	Qz	176	5x5	I	P	-1.7	3.02
19	Qz	235	3x5	I	P		
20	Qz	236	5x10	I	P		
21	Qz	193	5x5	I	P	-2.3	4.08
22	Qz	235	5x5	I	P		
23	Qz	220	5x10	I	P		
24	Qz	226	3x5	I	P		
25	Qz	184	5x10	I	S		
26	Qz	177	5x10	I	P	-18.5	34.94
27	Qz	190	3x5	I	P		
28	Qz	223	5x10	I	P		
29	Qz	206	5x5	I	P		
30	Qz	189	5x10	I	P		

	Homogenized temperature(°C)
Max.	252
Min.	167
Av.	206.6
	NaCl (wt%)
Max.	34.94
Min.	1.42
Av.	11.43

Sample: MDDH-1 79.6m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	221	5x10	I	P	-3	5.32
2	Qz	230	10x15	I	P		
3	Qz	251	5x5	I	P		
4	Qz	197	5x10	I	P	-1.6	2.84
5	Qz	245	5x10	I	P		
6	Qz	230	10x10	I	P		
7	Qz	236	5x10	I	P	-1.1	1.95
8	Qz	244	5x5	I	P	-2	3.55
9	Qz	228	5x5	I	P		
10	Qz	230	10x15	I	P		
11	Qz	225	5x10	I	P		
12	Qz	220	5x5	I	P		
13	Qz	247	5x5	I	P		
14	Qz	226	5x5	I	P	-2.3	4.08
15	Qz	239	5x5	I	P	-7.6	13.52
16	Qz	204	3x3	I	P		
17	Qz	215	5x5	I	P		
18	Qz	226	5x5	I	P		
19	Qz	242	10x10	I	P		
20	Qz	230	5x15	I	P	-17	31.72
21	Qz	225	5x5	I	P		
22	Qz	237	5x10	I	P		
23	Qz	241	5x10	I	P		
24	Qz	240	5x5	I	P	-2	3.55
25	Qz	214	5x5	I	P		
26	Qz	223	5x10	I	P		
27	Qz	235	10x15	I	P		
28	Qz	231	5x5	I	P	-1.6	2.84
29	Qz	241	5x5	I	P	-1.2	2.13
30	Qz	230	5x5	I	P		

	Homogenized temperature(°C)
Max.	251
Min.	197
Av.	230.1
	NaCl (wt%)
Max.	31.72
Min.	1.95
Av.	7.15

Mineral; Qz=quartz Size; wide(μm) × length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (2)

Sample: MDDH-1 80.9m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	173	5x5	I	P		
2	Qz	184	3x3	I	P	-0.6	1.07
3	Qz	200	3x5	I	P		
4	Qz	215	5x5	I	P		
5	Qz	221	5x10	I	P	-2.1	3.72
6	Qz	210	3x5	I	P		
7	Qz	205	5x10	I	P		
8	Qz	227	5x5	I	P		
9	Qz	234	5x10	I	P	-1.1	1.95
10	Qz	189	5x5	I	P	-2.2	3.9
11	Qz	194	5x5	I	P		
12	Qz	216	5x5	I	P		
13	Qz	221	3x5	I	P		
14	Qz	217	3x3	I	P		
15	Qz	203	5x5	I	P		
16	Qz	218	5x5	I	P	-2.5	4.43
17	Qz	212	3x5	I	P		
18	Qz	203	3x5	I	P	-1.7	3.02
19	Qz	220	5x10	I	P		
20	Qz	224	5x5	I	P		
21	Qz	215	5x5	I	P	-0.1	0.18
22	Qz	193	5x5	I	P		
23	Qz	188	5x5	I	P		
24	Qz	196	3x5	I	P		
25	Qz	207	5x5	I	P	-0.2	0.36
26	Qz	214	3x5	I	P	-1.7	3.02
27	Qz	229	5x15	I	P		
28	Qz	235	10x10	I	P		
29	Qz	220	3x5	I	P		
30	Qz	216	3x5	I	P	0	0

Homogenized temperature(°C)	
Max.	235
Min.	173
Av.	210
NaCl (wt%)	
Max.	4.43
Min.	0
Av.	2.17

Sample: MDDH-1 113.6m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	223	5x10	I	P	-10.2	18.29
2	Qz	236	5x10	I	P	-1.4	2.48
3	Qz	207	5x5	I	P		
4	Qz	217	3x5	I	P		
5	Qz	240	5x5	I	P		
6	Qz	238	3x3	I	P		
7	Qz	224	5x5	I	P	-1.7	3.02
8	Qz	231	5x10	I	P		
9	Qz	230	5x5	I	P		
10	Qz	226	5x10	I	P	-2	3.55
11	Qz	225	3x5	I	P		
12	Qz	241	3x3	I	P		
13	Qz	233	10x10	I	P	-6.2	11
14	Qz	224	5x10	I	P	-3.7	6.55
15	Qz	236	3x5	I	P		
16	Qz	202	5x5	I	P		
17	Qz	235	3x3	I	P		
18	Qz	230	5x5	I	P		
19	Qz	244	5x5	I	P		
20	Qz	252	5x10	I	P	-2	3.55
21	Qz	240	5x10	I	P		
22	Qz	228	3x5	I	P		
23	Qz	235	5x5	I	P		
24	Qz	242	5x10	I	P	-1.4	2.48
25	Qz	227	5x10	I	P	-0.5	0.89
26	Qz	211	5x5	I	P		
27	Qz	235	5x5	I	P		
28	Qz	240	5x5	I	P	-0.6	1.07
29	Qz	220	5x5	I	P		
30	Qz	256	5x10	I	P		

Homogenized temperature(°C)	
Max.	256
Min.	202
Av.	230.9
NaCl (wt%)	
Max.	18.29
Min.	0.89
Av.	5.29

Mineral; Qz=quartz Size; wide(μm) X length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (3)

Sample; MDDH-3 105.25m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	214	5x5	I	P		
2	Qz	227	10x10	I	P	-10.5	18.85
3	Qz	201	5x10	I	P	-6.2	11
4	Qz	192	5x5	I	S		
5	Qz	206	5x5	I	P		
6	Qz	212	5x10	I	P		
7	Qz	220	5x5	I	P		
8	Qz	231	5x10	I	P	-1.5	2.66
9	Qz	222	5x5	I	P	-2	3.55
10	Qz	198	5x15	I	P		
11	Qz	223	5x5	I	P		
12	Qz	220	5x10	I	P	-22.3	43.67
13	Qz	216	5x5	I	P		
14	Qz	234	5x5	I	P		
15	Qz	242	5x5	I	P		
16	Qz	254	10x30	I	P	-11.3	20.35
17	Qz	230	5x5	I	P		
18	Qz	195	5x10	I	S		
19	Qz	225	5x10	I	P		
20	Qz	203	5x15	I	P		
21	Qz	228	5x10	I	P	-1.8	3.19
22	Qz	219	5x10	I	P	-1	1.78
23	Qz	230	5x5	I	P		
24	Qz	233	5x5	I	P		
25	Qz	216	5x10	I	P		
26	Qz	225	5x10	I	P	-4.5	7.97
27	Qz	188	15x25	I	S		
28	Qz	193	5x10	I	P	-2.4	4.25
29	Qz	231	5x5	I	P		
30	Qz	224	5x10	I	P		

	Homogenized temperature(°C)
Max.	254
Min.	188
Av.	218.4
	NaCl (wt%)
Max.	43.67
Min.	1.78
Av.	11.73

Sample; MDDH-3 139.75m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	186	5x5	I	P		
2	Qz	234	5x5	I	P		
3	Qz	245	5x10	I	P		
4	Qz	240	5x10	I	P	-6	10.64
5	Qz	252	10x10	I	P	-1.4	2.48
6	Qz	177	5x10	I	P	-0.8	1.42
7	Qz	193	5x5	I	P		
8	Qz	206	5x5	I	P		
9	Qz	255	5x5	I	P		
10	Qz	247	5x10	I	P	-4.7	8.33
11	Qz	239	5x5	I	P		
12	Qz	224	5x5	I	P		
13	Qz	235	5x5	I	P		
14	Qz	245	5x5	I	P		
15	Qz	251	5x10	I	P	-8.2	14.61
16	Qz	254	10x10	I	P		
17	Qz	236	5x5	I	P		
18	Qz	183	5x5	I	P		
19	Qz	223	5x5	I	P		
20	Qz	234	5x10	I	P	-2.5	4.43
21	Qz	221	5x5	I	P		
22	Qz	251	5x10	I	P		
23	Qz	224	5x5	I	P		
24	Qz	238	5x10	I	P	-3.6	6.38
25	Qz	182	5x10	I	P		
26	Qz	245	5x10	I	P	-1.5	2.66
27	Qz	246	10x10	I	P	-5.8	10.28
28	Qz	199	5x10	I	P	-2.6	4.61
29	Qz	237	5x5	I	P		
30	Qz	216	5x5	I	P		

	Homogenized temperature(°C)
Max.	255
Min.	177
Av.	227.3
	NaCl (wt%)
Max.	14.61
Min.	1.42
Av.	6.58

Mineral; Qz=quartz Size; wide(μm) × length(μm) Position; I=inner or older Phase; P=primary, S=secondary



Results of fluid inclusion homogenization temperature (4)

Sample; MDDH-3 140.3m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	235	5x5	I	P		
2	Qz	247	5x10	I	P	-2.4	4.25
3	Qz	252	5x10	I	P	-4	7.08
4	Qz	185	5x5	I	P		
5	Qz	177	3x5	I	P		
6	Qz	215	5x5	I	P		
7	Qz	236	5x10	I	P	-0.6	1.07
8	Qz	244	5x5	I	P		
9	Qz	240	5x10	I	P	-1.7	3.02
10	Qz	240	5x5	I	P		
11	Qz	222	5x5	I	P		
12	Qz	238	3x5	I	P		
13	Qz	241	3x5	I	P		
14	Qz	278	5x10	I	P	-0.9	1.6
15	Qz	195	5x5	I	P		
16	Qz	184	10x15	I	P	-2.6	4.61
17	Qz	233	5x5	I	P		
18	Qz	183	3x5	I	P		
19	Qz	237	5x10	I	P	-1.1	1.95
20	Qz	234	5x5	I	P		
21	Qz	241	5x10	I	P	-2.2	3.9
22	Qz	266	3x5	I	P		
23	Qz	213	3x3	I	P		
24	Qz	237	5x5	I	P		
25	Qz	246	5x10	I	P	-8.3	14.79
26	Qz	240	5x5	I	P		
27	Qz	208	5x5	I	P		
28	Qz	243	5x5	I	P		
29	Qz	233	3x5	I	P		
30	Qz	248	5x10	I	P	-0.9	1.6

	Homogenized temperature(°C)
Max.	278
Min.	177
Av.	229.7
	NaCl (wt%)
Max.	14.79
Min.	1.07
Av.	4.39

Sample; MDDH-3 149.15m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	235	5x10	I	P		
2	Qz	242	5x10	I	P	-2.3	4.08
3	Qz	216	10x10	I	P	-1.7	3.02
4	Qz	255	5x5	I	P		
5	Qz	246	5x5	I	P		
6	Qz	263	5x10	I	P	-8.6	15.34
7	Qz	234	5x5	I	P		
8	Qz	226	5x10	I	P		
9	Qz	237	5x10	I	P	-2.5	4.43
10	Qz	249	5x10	I	P	-2.8	4.96
11	Qz	256	5x5	I	P		
12	Qz	260	5x5	I	P		
13	Qz	260	5x5	I	P		
14	Qz	244	5x10	I	P		
15	Qz	255	5x10	I	P	-4.5	7.97
16	Qz	261	5x5	I	P		
17	Qz	243	5x10	I	P	-2.2	3.9
18	Qz	238	5x5	I	P		
19	Qz	247	5x15	I	P		
20	Qz	236	5x5	I	P	-0.6	1.07
21	Qz	245	5x5	I	P		
22	Qz	255	5x5	I	P		
23	Qz	260	5x10	I	P		
24	Qz	237	5x10	I	P		
25	Qz	248	5x10	I	P		
26	Qz	252	5x10	I	P	-2.7	4.78
27	Qz	260	5x5	I	P		
28	Qz	226	5x10	I	P	-2.1	3.72
29	Qz	254	5x5	I	P		
30	Qz	250	5x10	I	P		

	Homogenized temperature(°C)
Max.	263
Min.	216
Av.	246.3
	NaCl (wt%)
Max.	15.34
Min.	1.07
Av.	5.33

Mineral; Qz=quartz Size; wide(μm) × length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (5)

Sample; MDDH-4 143.05m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	195	5x5	I	P		
2	Qz	206	5x5	I	P		
3	Qz	233	5x5	I	P		
4	Qz	257	5x10	I	P	-6.6	11.72
5	Qz	248	5x10	I	P	-8.6	15.34
6	Qz	250	5x5	I	P		
7	Qz	266	5x5	I	P		
8	Qz	251	5x10	I	P	-4.5	7.97
9	Qz	244	10x15	I	P	-2	3.55
10	Qz	253	5x5	I	P		
11	Qz	237	5x5	I	P		
12	Qz	199	5x10	I	P	-5.7	10.11
13	Qz	185	5x5	I	P		
14	Qz	248	5x5	I	P		
15	Qz	234	5x10	I	P		
16	Qz	177	5x10	I	P		
17	Qz	247	5x10	I	P	-8.9	15.88
18	Qz	254	5x5	I	P		
19	Qz	245	10x15	I	P	-4.4	7.79
20	Qz	240	5x5	I	P		
21	Qz	246	5x5	I	P		
22	Qz	250	5x10	I	P	-7.4	13.16
23	Qz	252	5x5	I	P		
24	Qz	225	5x10	I	P	-6.9	12.25
25	Qz	241	5x10	I	P		
26	Qz	244	5x5	I	P		
27	Qz	282	5x5	I	P		
28	Qz	231	10x15	I	P	-2.5	4.43
29	Qz	215	5x5	I	P		
30	Qz	246	5x5	I	P		

Homogenized temperature(°C)	
Max.	282
Min.	177
Av.	236.7
NaCl (wt%)	
Max.	15.88
Min.	3.55
Av.	10.22

Mineral; Qz=quartz Size; wide(μm) × length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (6)

Sample; Molila sample No.1

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	155	5x10	I	S	-3.4	6.02
2	Qz	186	5x5	I	P	-0.5	0.89
3	Qz	137	5x5	I	S		
4	Qz	177	5x5	I	P		
5	Qz	193	5x5	I	P	-1.3	2.31
6	Qz	200	5x5	I	P		
7	Qz	168	3x3	I	P		
8	Qz	175	5x5	I	P		
9	Qz	180	3x5	I	P		
10	Qz	172	5x10	I	P	-2	3.55
11	Qz	176	5x5	I	P	-1.1	1.95
12	Qz	199	3x5	I	P		
13	Qz	185	3x3	I	P		
14	Qz	168	5x5	I	P		
15	Qz	172	5x5	I	P		
16	Qz	170	5x5	I	P	-2.6	4.61
17	Qz	164	5x5	I	P		
18	Qz	167	5x10	I	S	0	
19	Qz	173	3x3	I	P		
20	Qz	173	5x5	I	P		
21	Qz	180	5x10	I	P	-0.3	0.53
22	Qz	181	5x5	I	P	-1.7	3.02
23	Qz	177	5x5	I	P		
24	Qz	182	3x5	I	P		
25	Qz	186	5x10	I	P		
26	Qz	194	3x5	I	P	-0.6	1.07
27	Qz	176	3x3	I	P		
28	Qz	180	3x5	I	P		
29	Qz	141	5x5	I	S		
30	Qz	152	5x10	I	P		

	Homogenized temperature(°C)
Max.	200
Min.	137
Av.	174.6
	NaCl (wt%)
Max.	6.02
Min.	0.53
Av.	2.66

Sample; Molila sample No.2

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	167	5x5	I	P		
2	Qz	179	3x3	I	P		
3	Qz	155	3x5	I	S		
4	Qz	170	3x3	I	P		
5	Qz	136	5x5	I	P		
6	Qz	202	3x3	I	P		
7	Qz	177	3x5	I	P		
8	Qz	183	5x5	I	P		
9	Qz	167	3x3	I	P		
10	Qz	170	5x5	I	P		
11	Qz	172	3x5	I	P		
12	Qz	184	3x5	I	P		
13	Qz	170	3x5	I	S		
14	Qz	160	3x3	I	P		
15	Qz	161	3x3	I	P		
16							
17							
18							
19							
20							
21							
22							
23							
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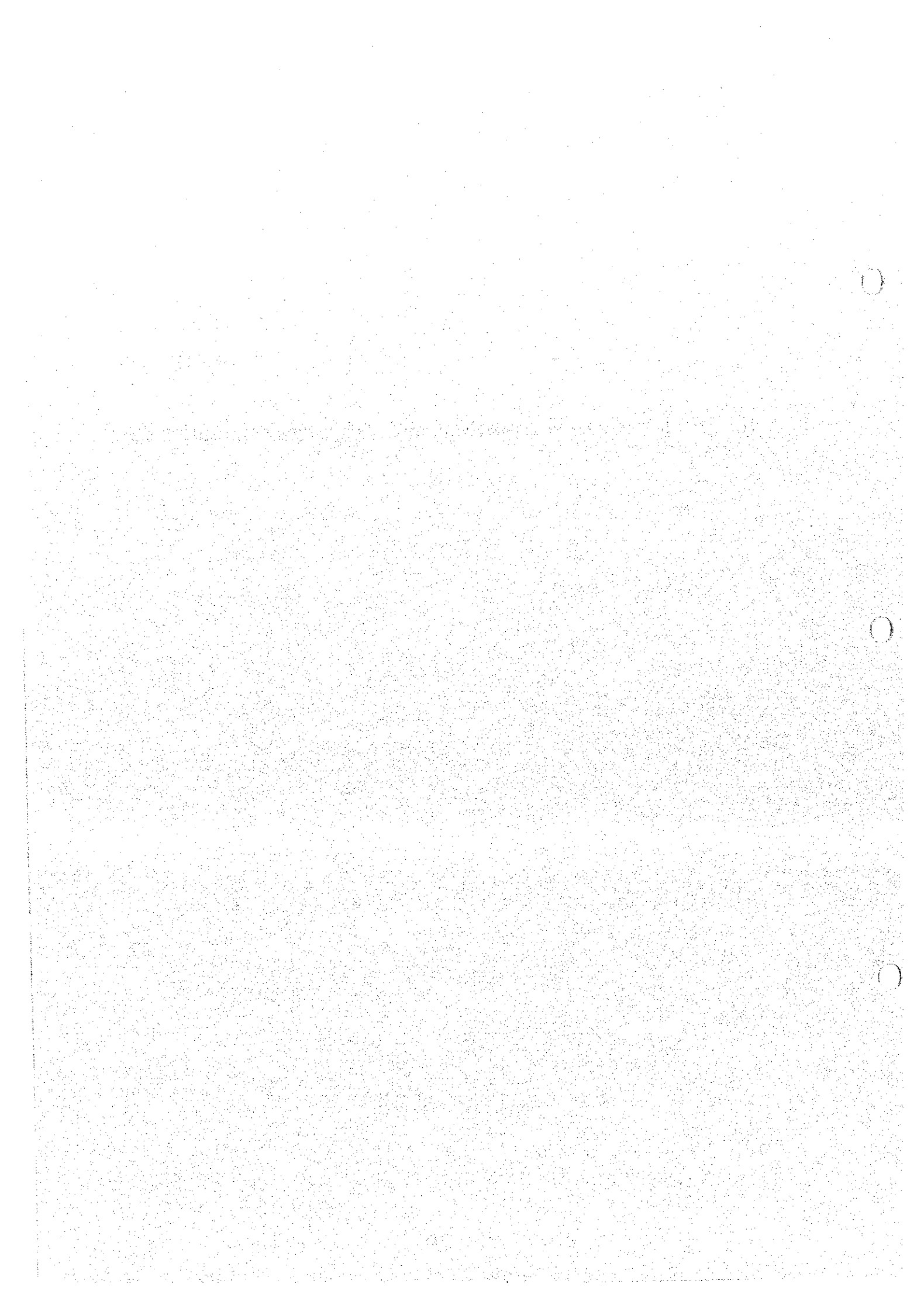
	Homogenized temperature(°C)
Max.	202
Min.	136
Av.	170.2
	NaCl (wt%)
Max.	-
Min.	-
Av.	-

Mineral; Qz=quartz Size; wide (μ m) × length(μ m) Position; I=inner or older Phase; P=primary, S=secondary

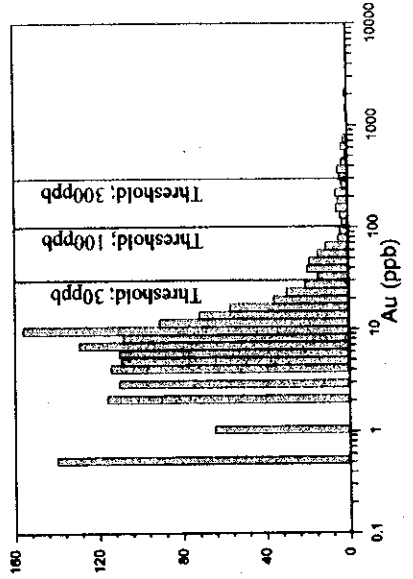
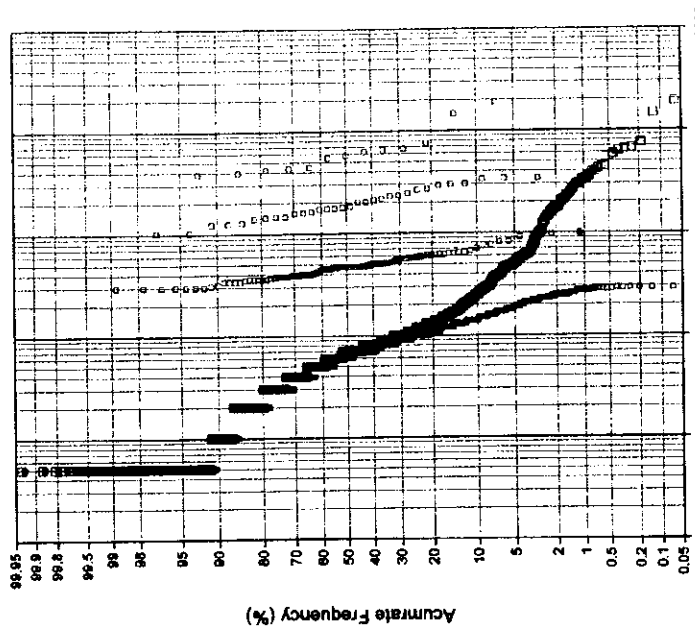




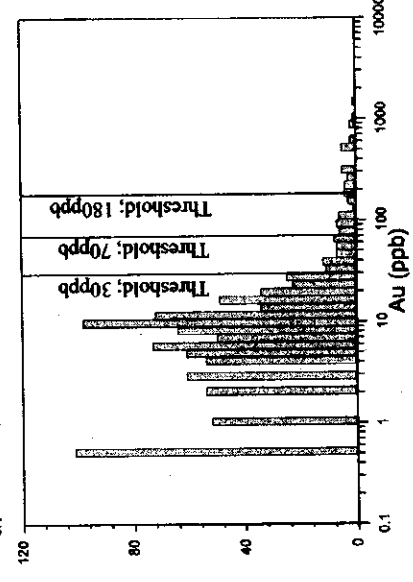
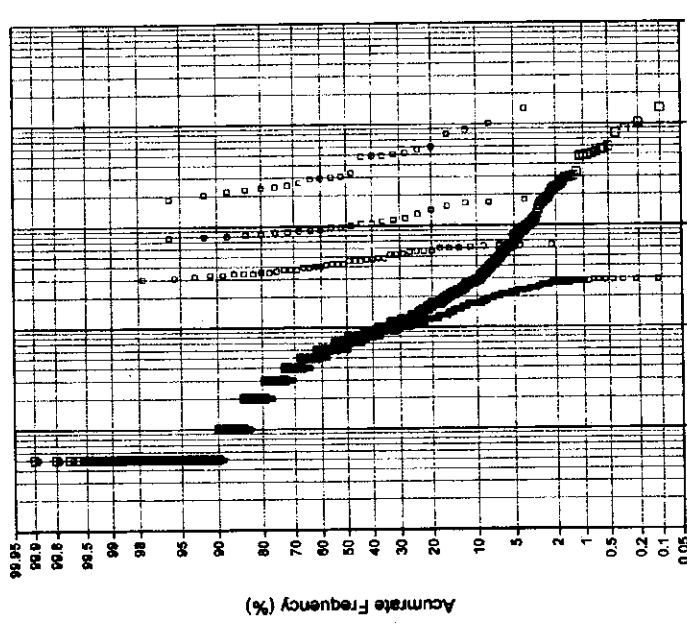
**Ap. 16** la carte de la répartition de la fréquence cumulative d'Au



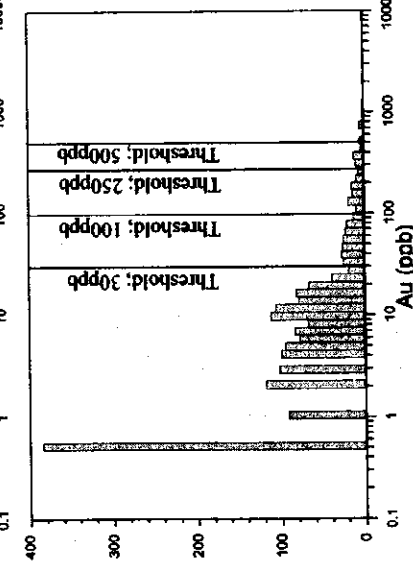
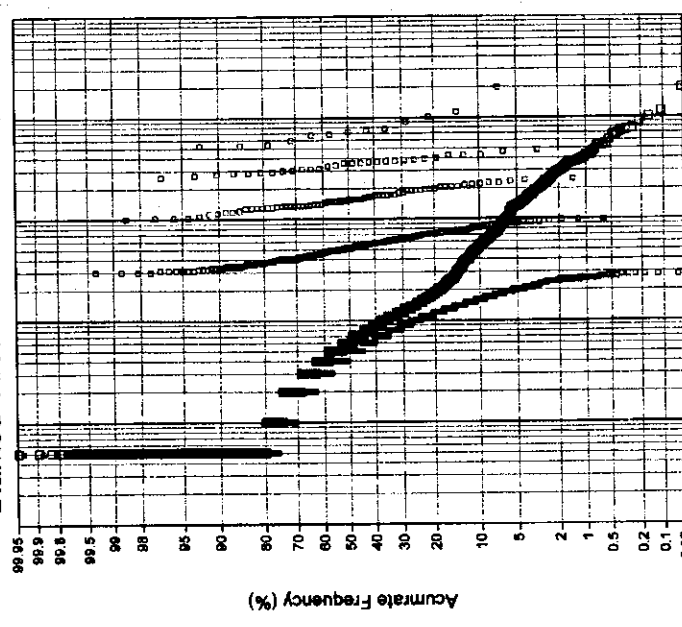
Siriba Sobala Area



Kouloukoro Area

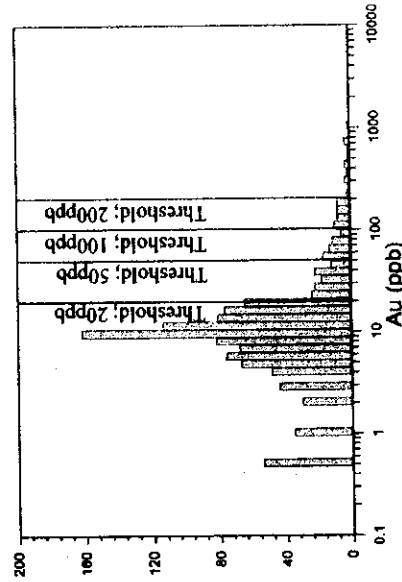
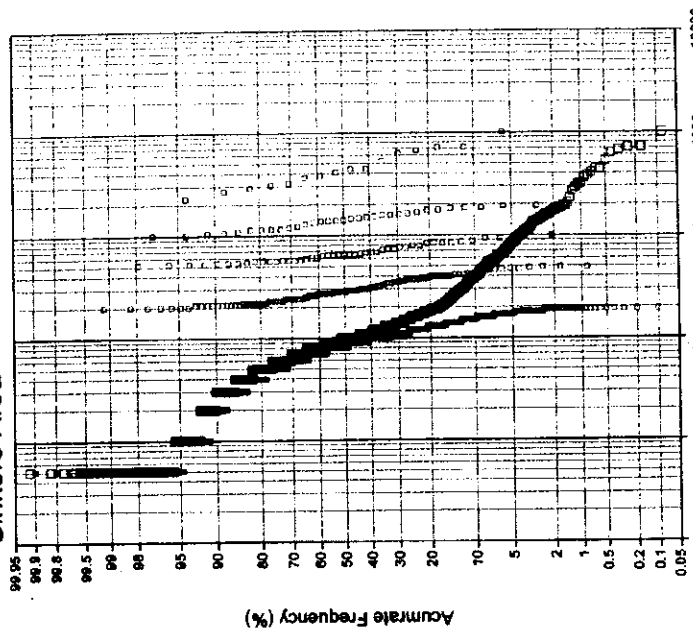


Diamou Area

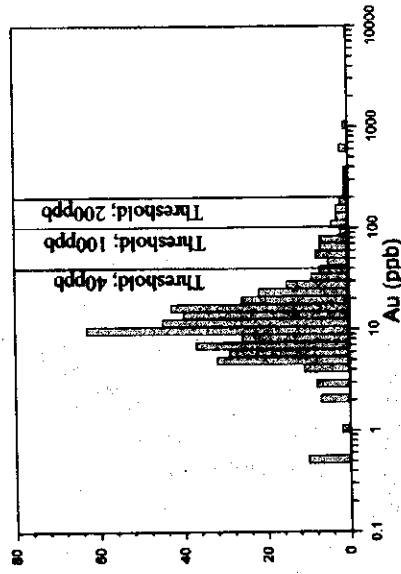
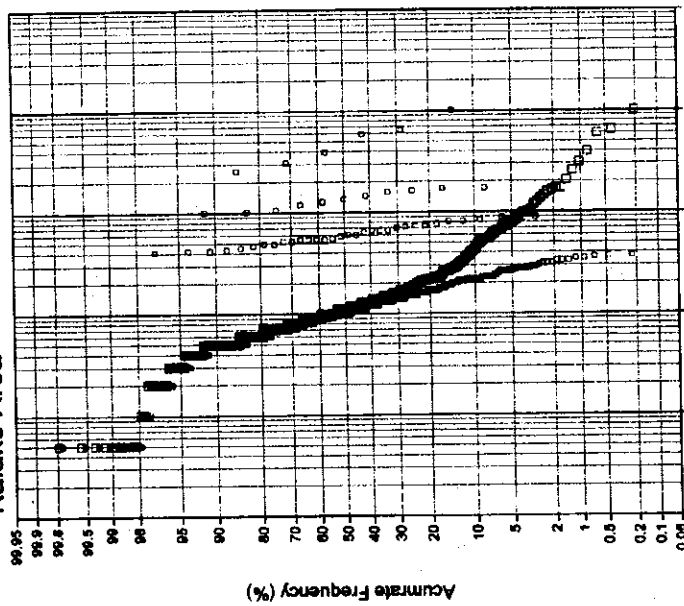




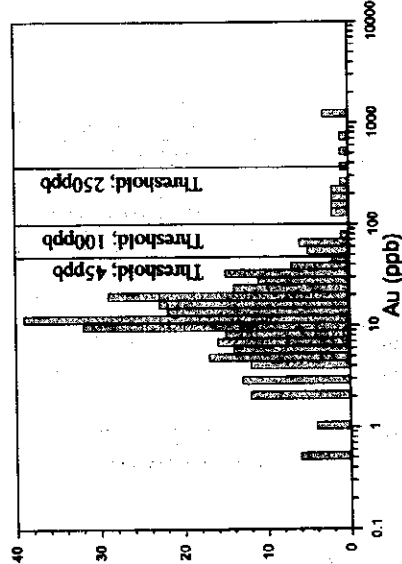
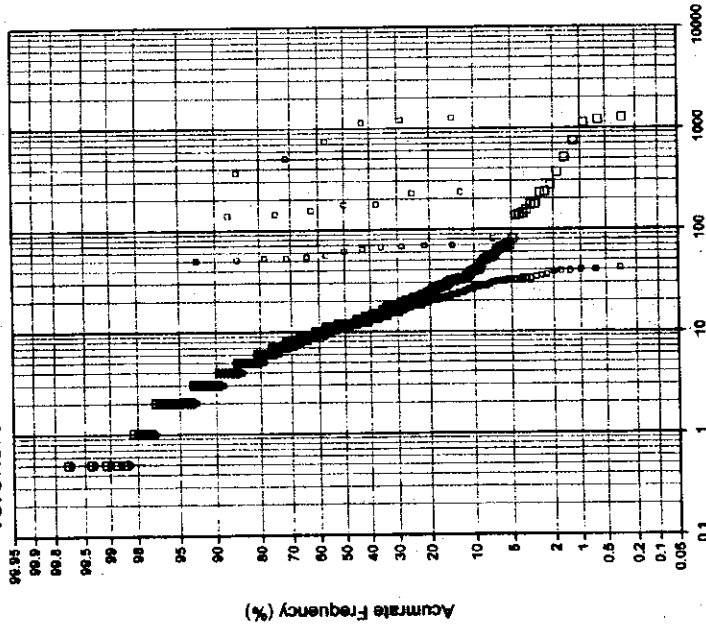
**Sirikoro Area**



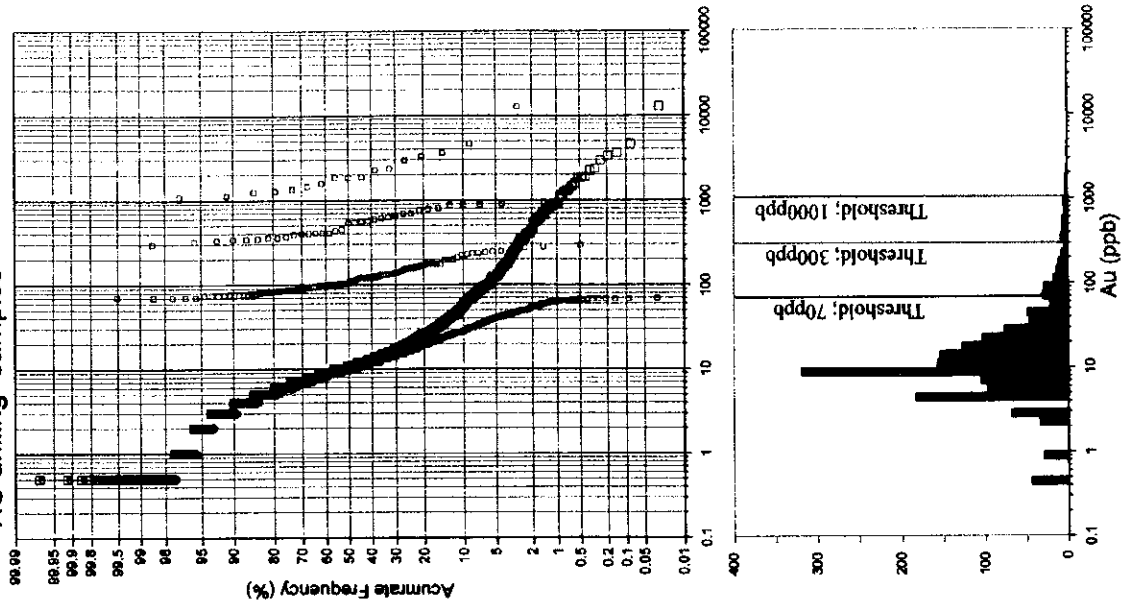
**Kalako Area**

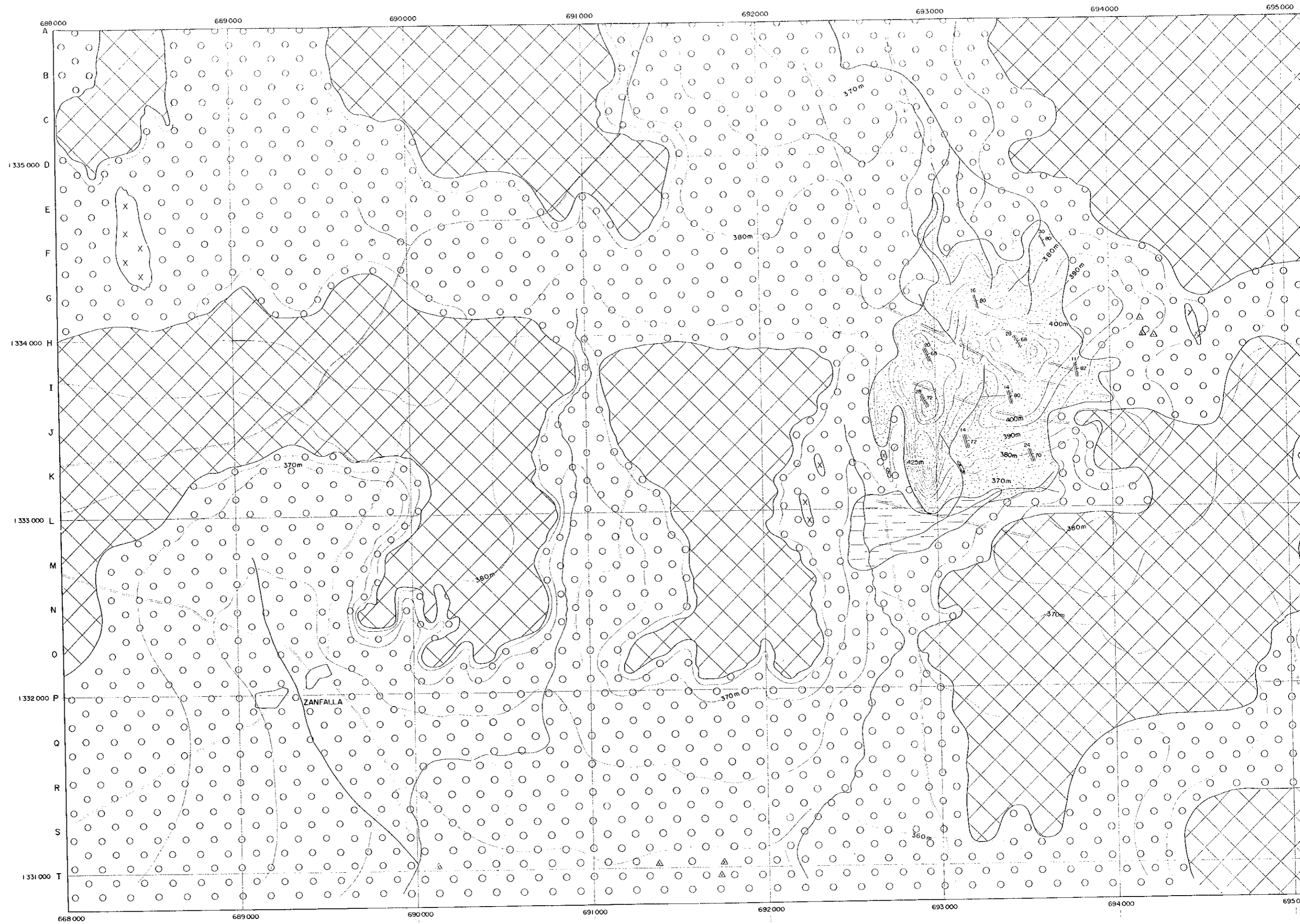


**Torokoro Area**

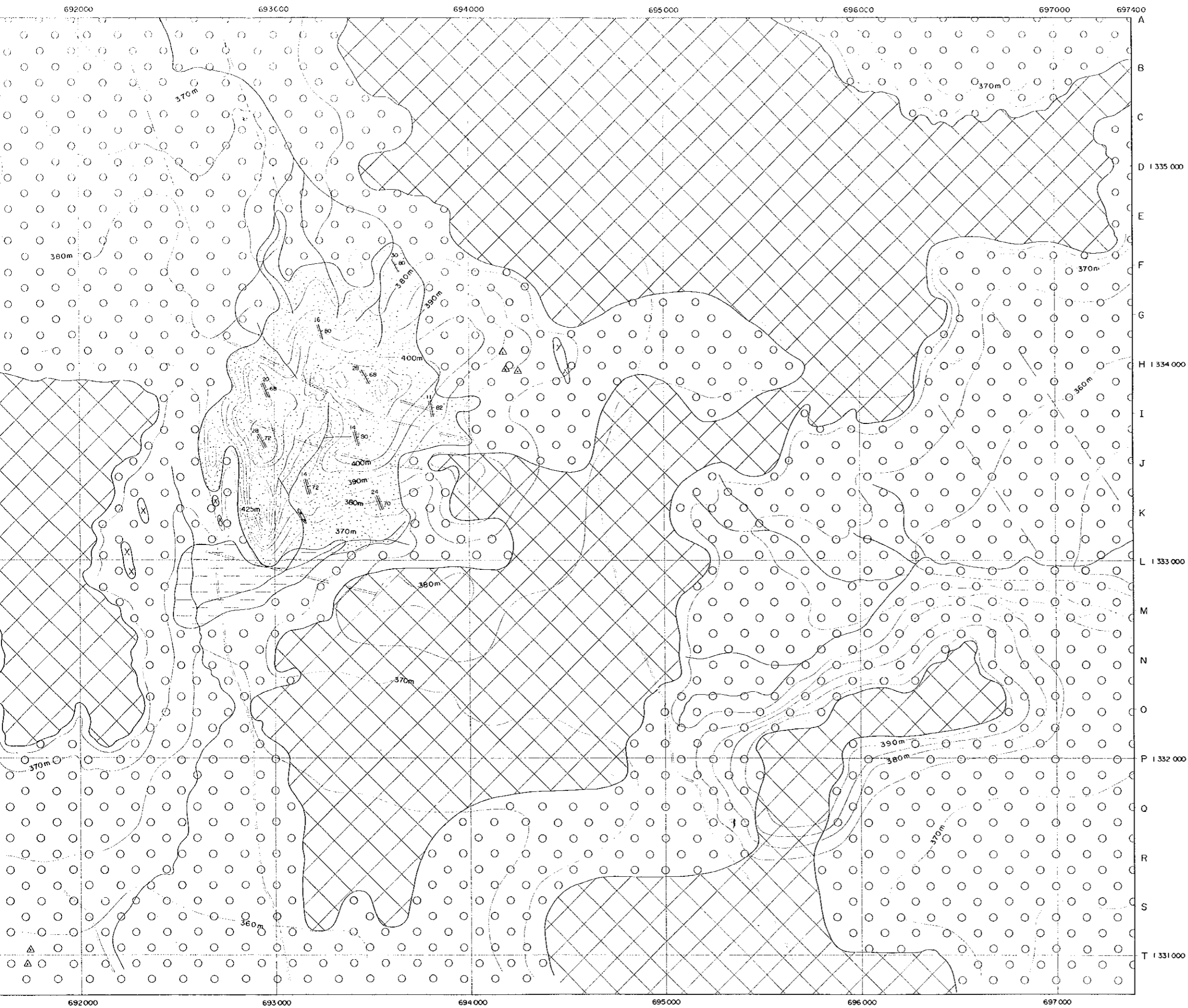


RC drilling samples





K - K

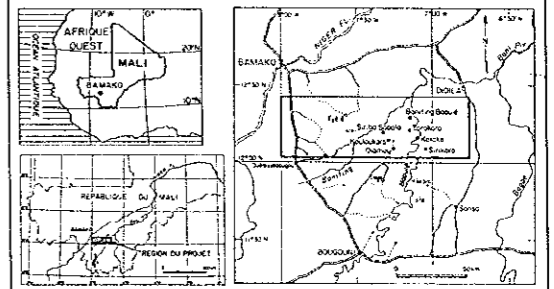


Ct. 1

RAPPORT  
SUR  
L'EXPLORATION MINIERE  
DANS  
LA ZONE DE BAOULE-BANIFING,  
REPUBLIQUE DU MALI  
PREMIERE ANNEE

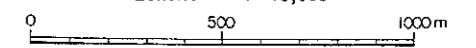
PLAN ET PROFIL GEOLOGIQUE  
DU SECTEUR  
DIAMOU

CADRE GEOGRAPHIQUE



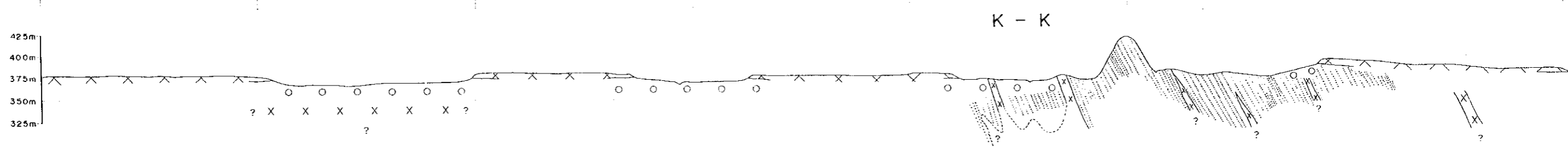
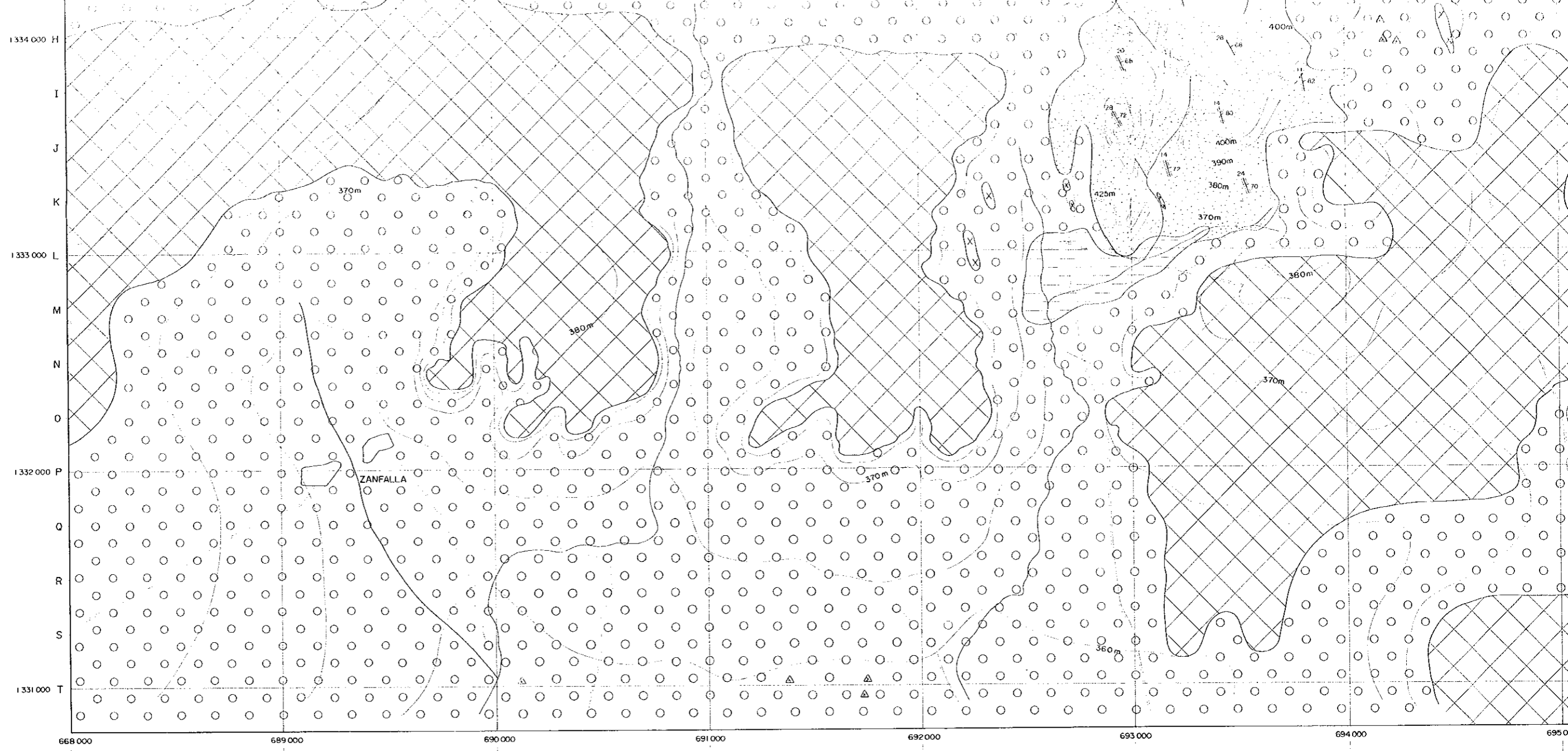
L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
L'AGENCE JAPONAISE MINIERE DES METAUX  
MARS 2001

Echelle 1 : 10,000

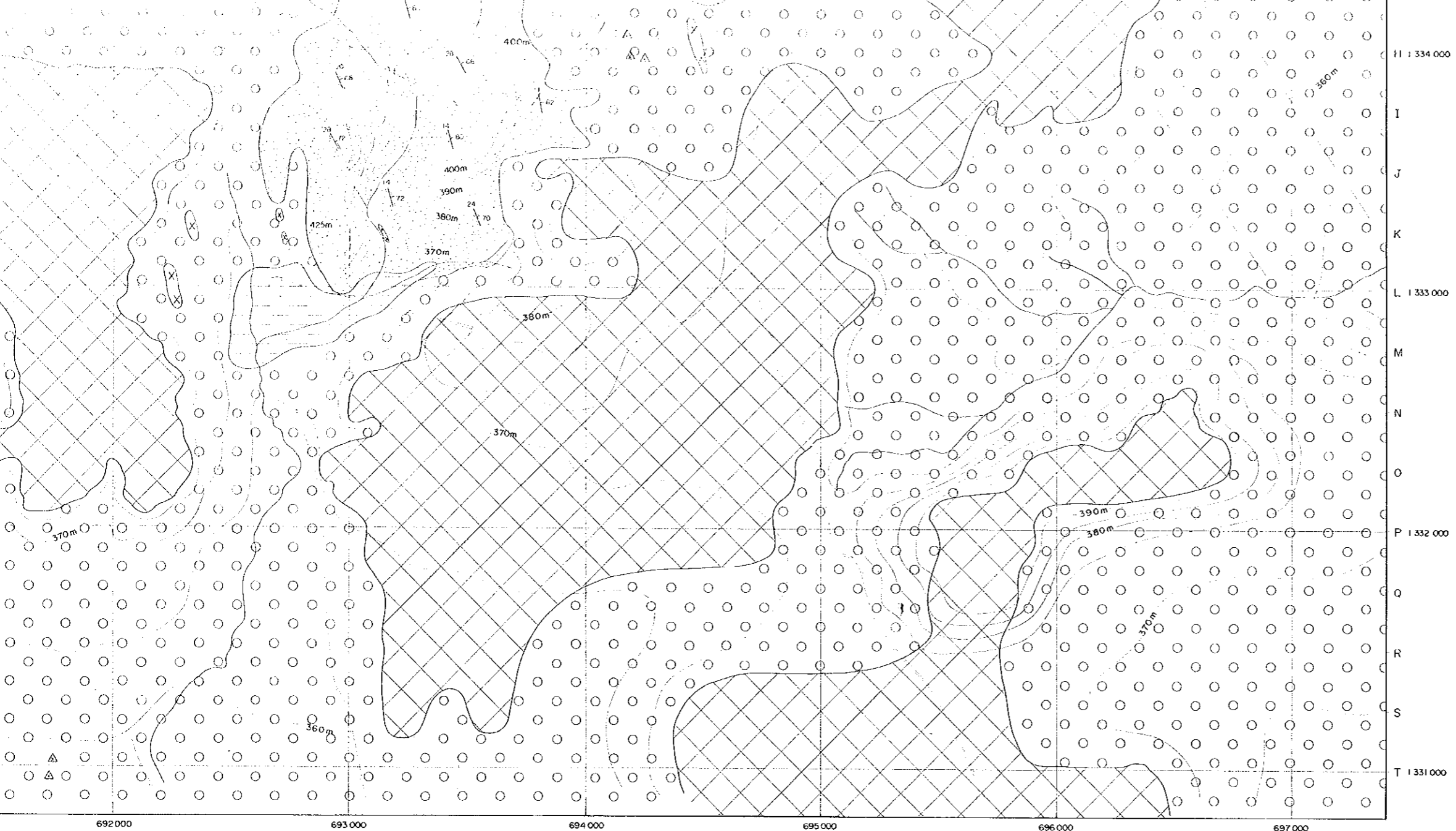


LEGENDE

- Alluvions récentes
  - Argile, sables silteux
- Latéritique
  - Carapace plateau
  - Carapace, saprolite etc.
- Roches ignes
  - Granites, gabbros, basalts etc.
- Groupe Birimien
  - Schistes argileux
  - Schistes sableux
- △ L'épandage de blocs Birimien
- △ L'épandage de blocs ignes
- Direction de schistosité et pendage
- Linéament par photo-interprétation

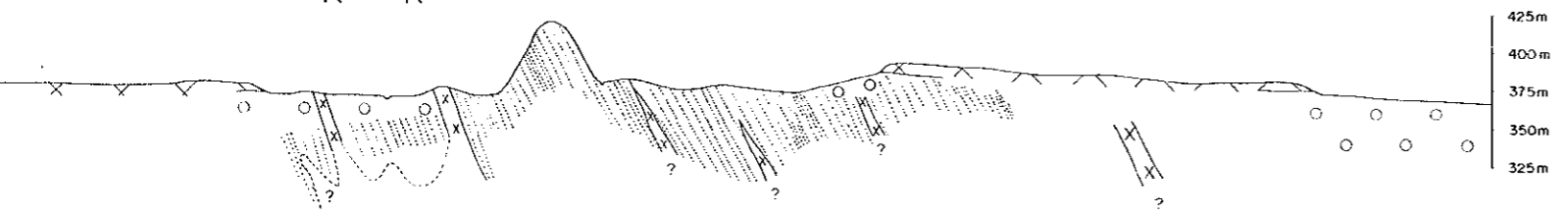


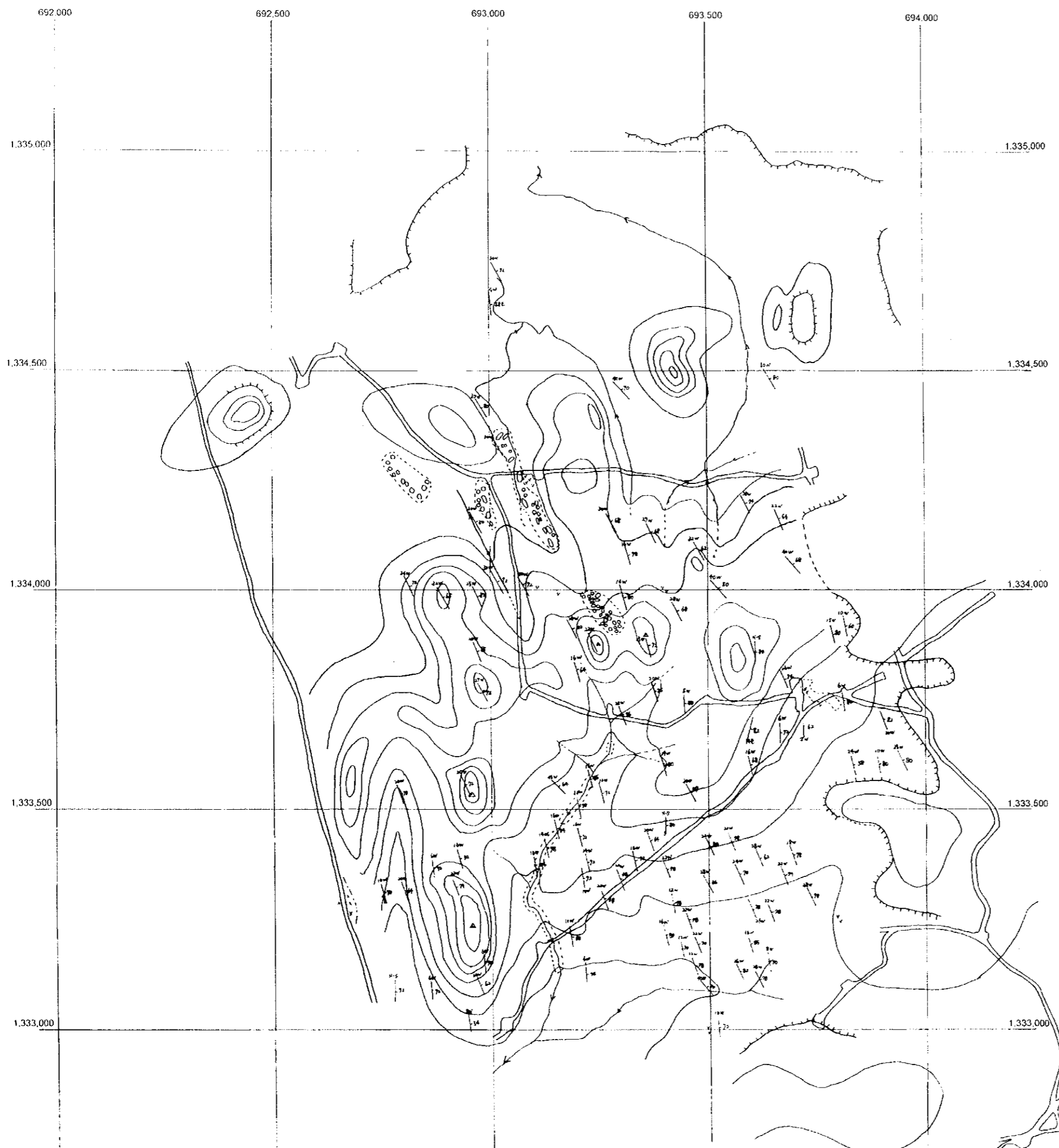
Echelle 1 : 10,000  
 0 500 1000m



- LEGENDE**
- Alluvions récentes
    - Argile, sables silteux
  - Latéritique
    - Carapace plateau
    - Carapace, saprolite etc.
  - Roches ignées
    - Granites, gabbros, basalts etc.
  - Groupe Birrimien
    - Schistes argileux
    - Schistes sableux
  - △ L'épandage de blocs Birrimien
  - △ L'épandage de blocs ignés
  - Direction de schistosité et pendage
  - Linéament par photo-interprétation

K - K





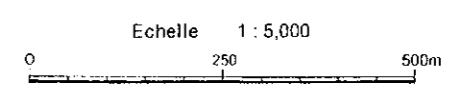
Ct. 2

RAPPORT  
 SUR  
 L'EXPLORATION MINIERE  
 DANS  
 LA ZONE DE BAOLE-RANINGO,  
 REPUBLIQUE DU MALI  
 PREMIERE ANNEE

la carte de  
 l'étude géologique sur  
 le terrain dans la zone de Diamou

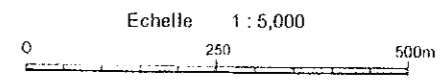
CARTES GEOGRAPHIQUES

L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
 L'AGENCE JAPONAISE MINIERE DES METAUX  
 MARS 2001

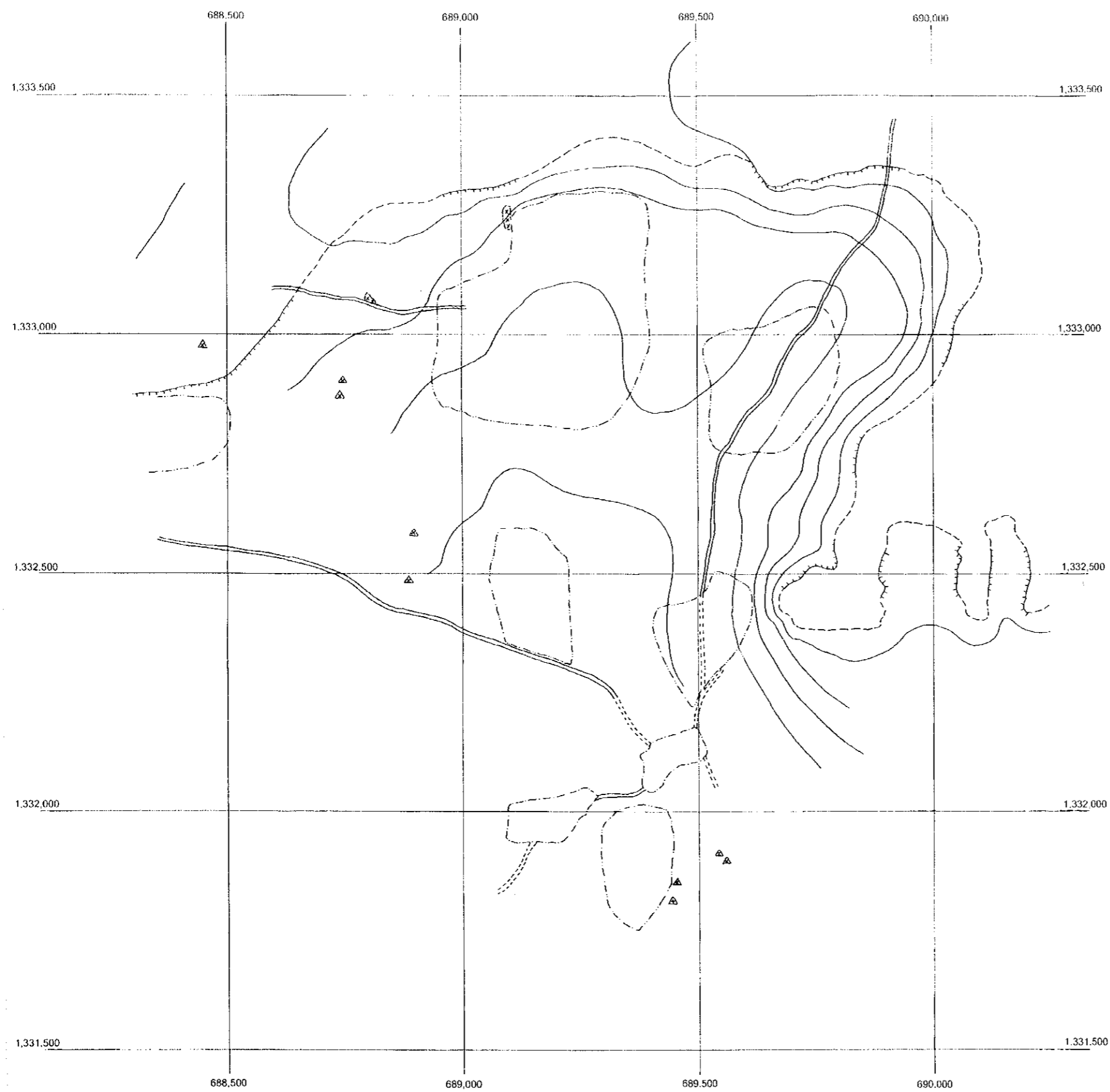




L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
L'AGENCE JAPONAISE MINIERE DES METAUX  
MARS 2001







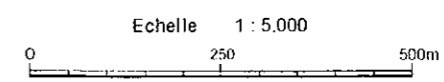
Ct. 3

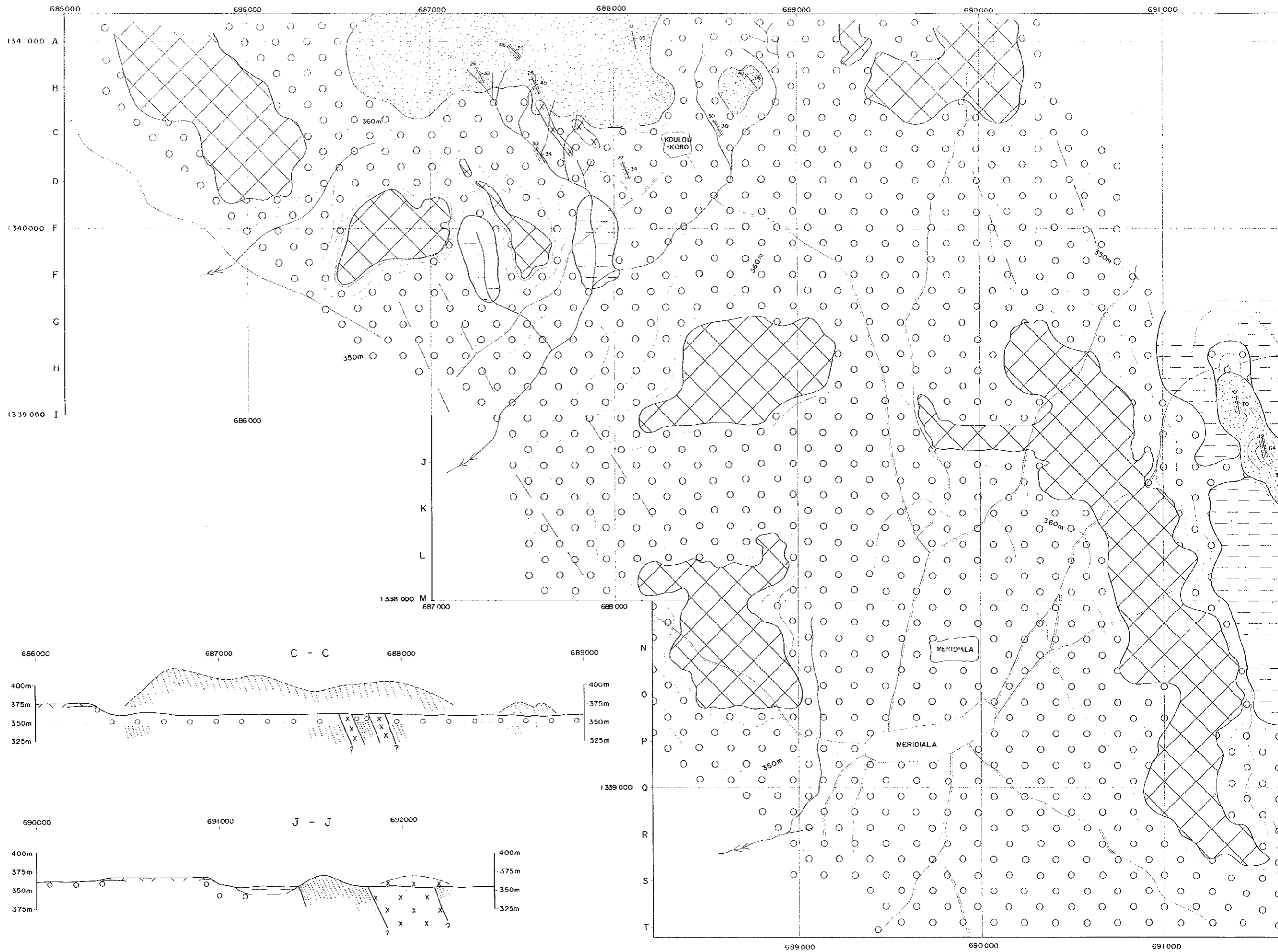
RAPPORT  
 SUR  
 L'EXPLORATION MINIERE  
 DANS  
 LA ZONE DE BAQULE-BANIFING,  
 REPUBLIQUE DU MALI  
 PREMIERE ANNEE

la carte de l'étude géologique sur le terrain  
 dans la zone de partie ouest de Diamou

CADRE GEOGRAPHIQUE

L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
 L'AGENCE JAPONAISE MINIERE DES METAUX  
 MARS 2001

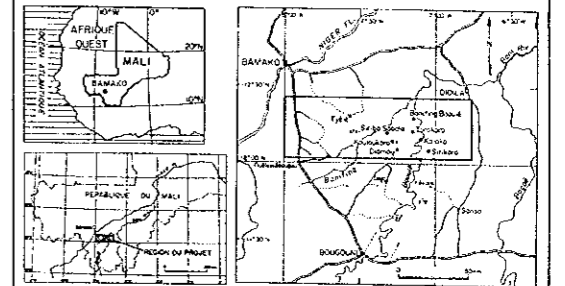




RAPPORT SUR L'EXPLORATION MINIERE DANS LA ZONE DE BAOULE-BANIFING, REPUBLIQUE DU MALI PREMIERE ANNEE

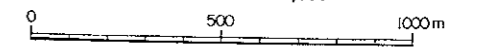
PLAN ET PROFIL GEOLOGIQUE DU SECTEUR KOULOUKORO

CADRE GEOGRAPHIQUE



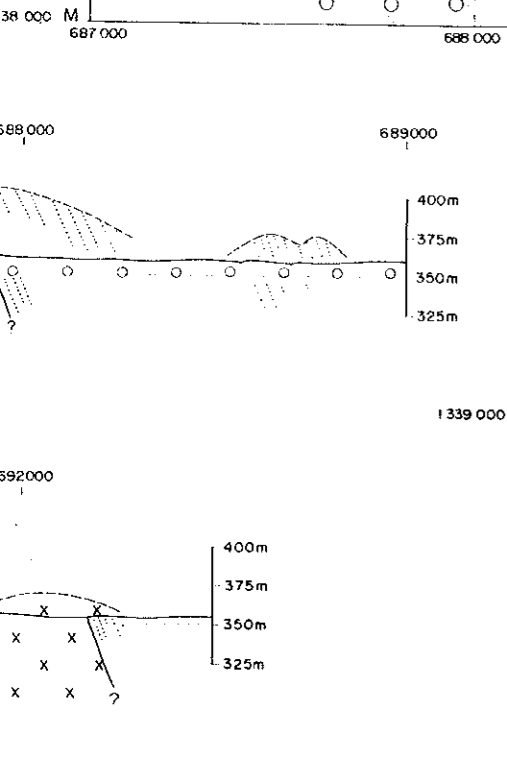
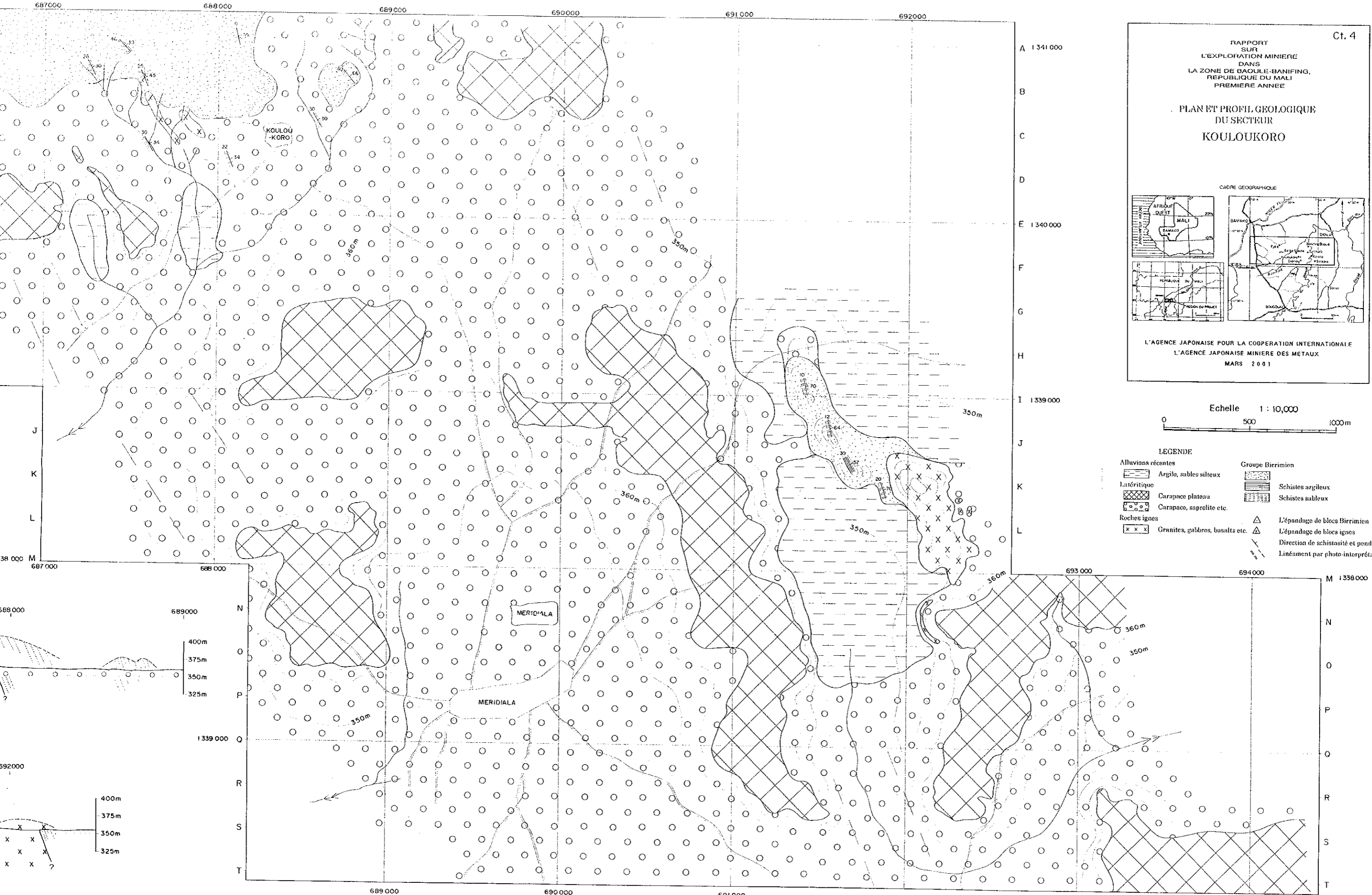
L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE L'AGENCE JAPONAISE MINIERE DES METAUX MARS 2001

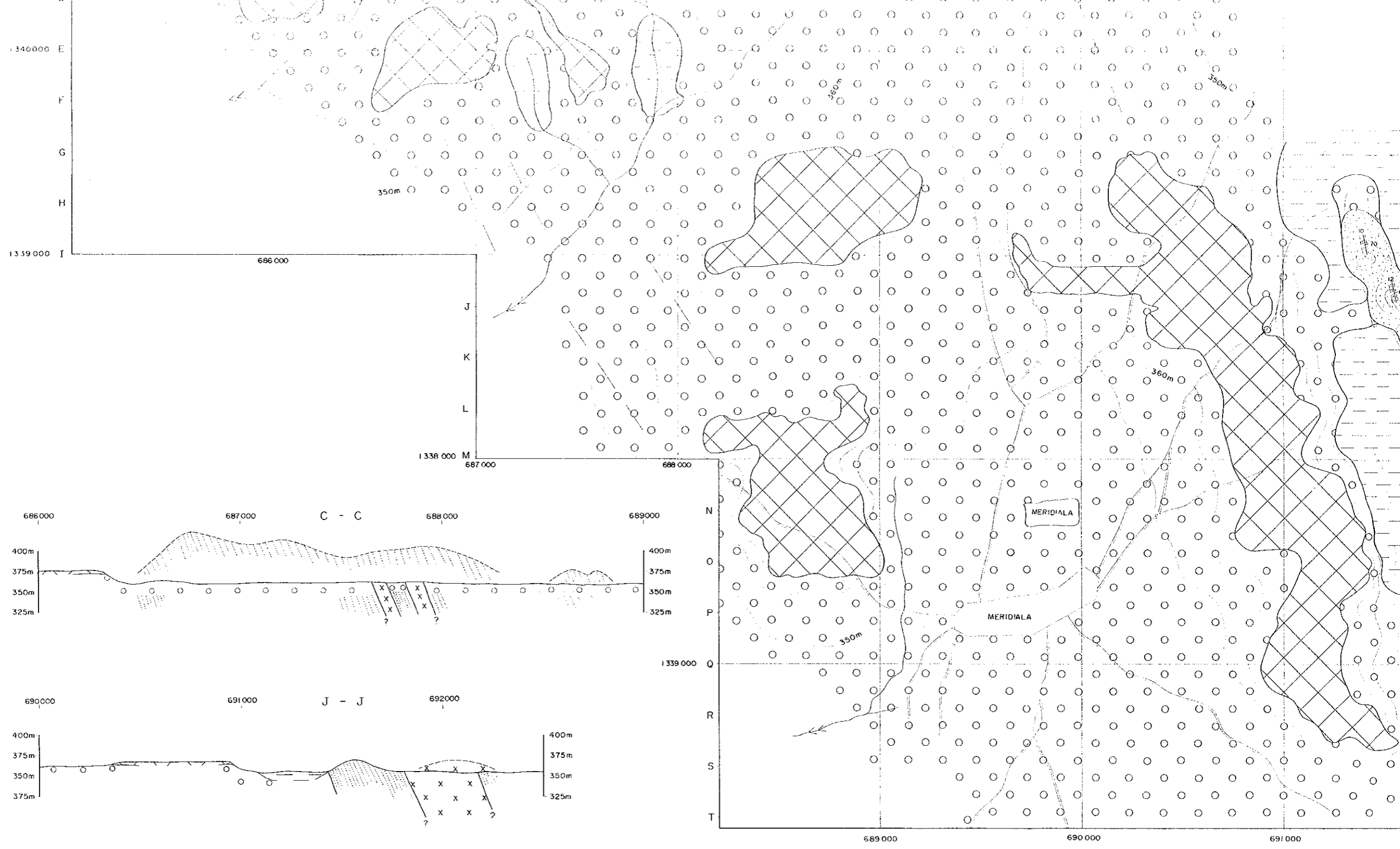
Echelle 1 : 10,000



LEGENDE

- Aluvions récentes: Argilo, sables silteux; Latéritique; Carapace plateau; Carapace, saprelite etc.
Roches ignées: Granites, gabbros, basalts etc.
Groupe Birrimien: Schistes argileux; Schistes sableux; L'épandage de blocs Birrimien; L'épandage de blocs ignées; Direction de schistosité et pondage; Linéament par photo-interprétation





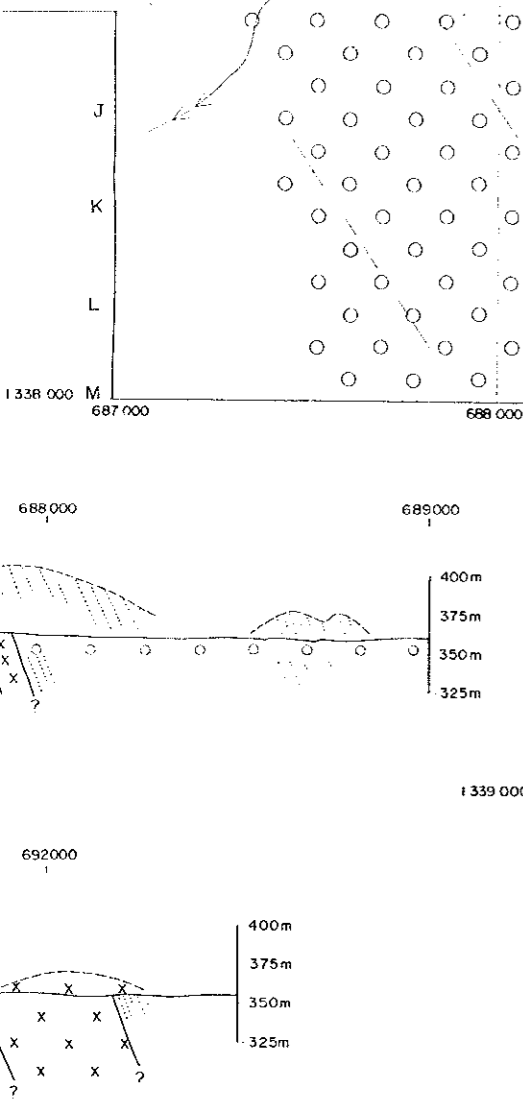
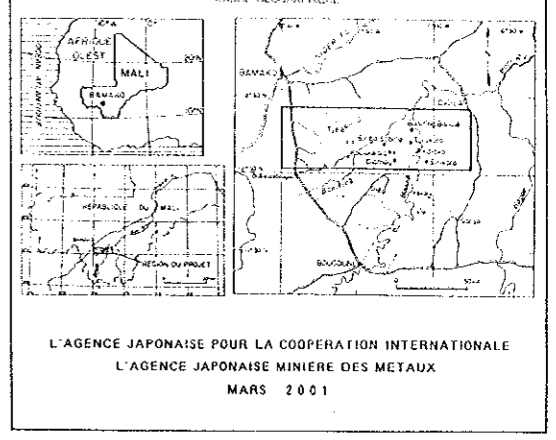
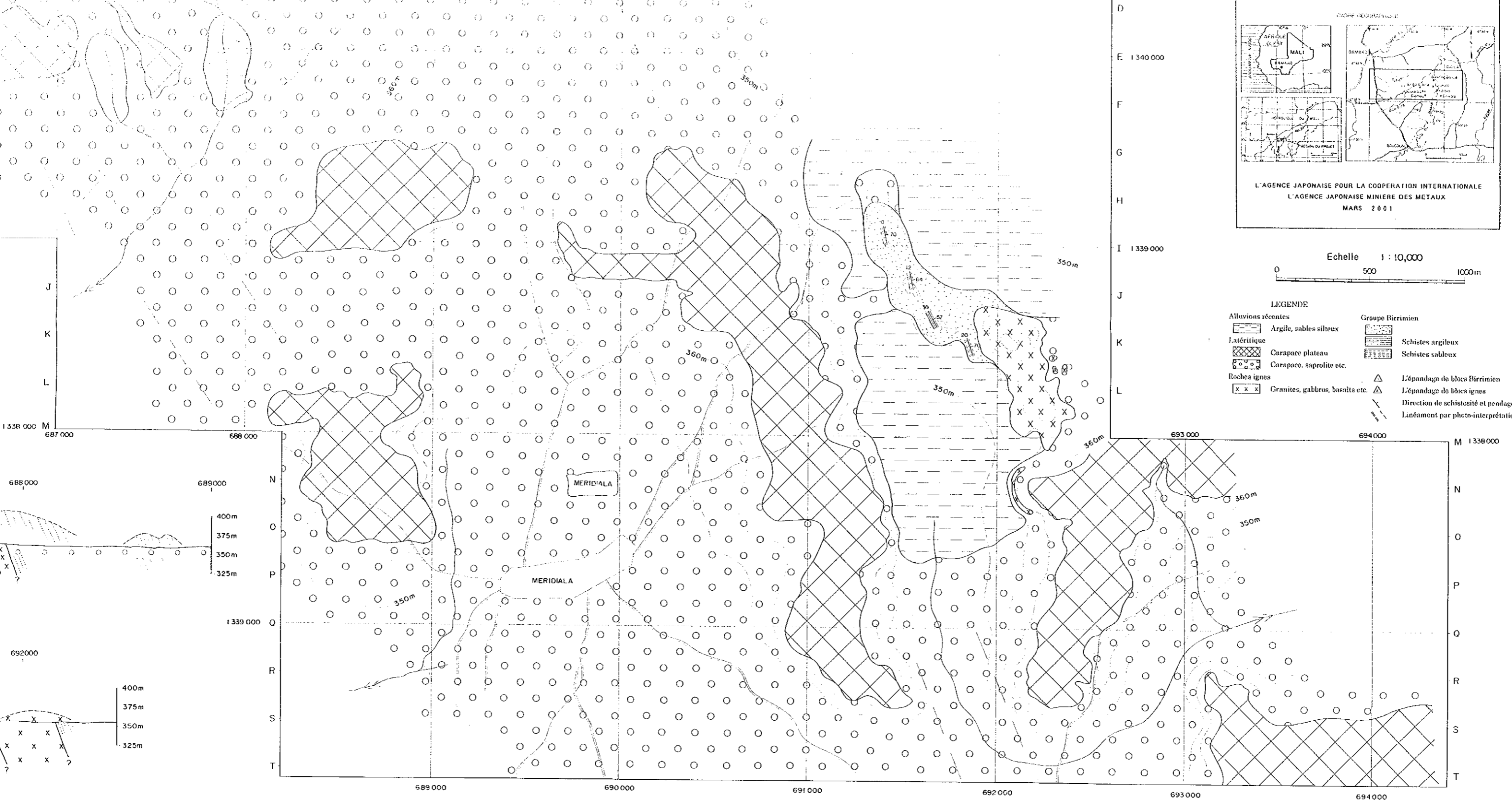
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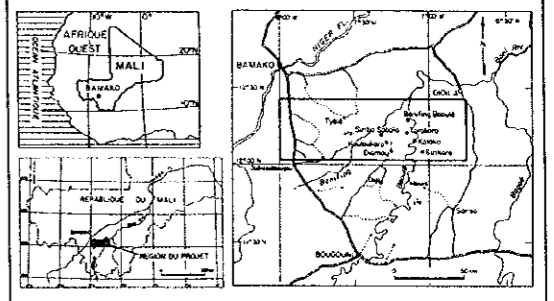
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RAPPORT SUR L'EXPLORATION MINIERE DANS LA ZONE DE BAOULE-BANIFING, REPUBLIQUE DU MALI, PREMIERE ANNEE

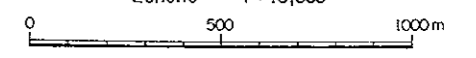
PLAN ET PROFIL GEOLOGIQUE DU SECTEUR SIRIBA SOBALA

CADRE GEOGRAPHIQUE



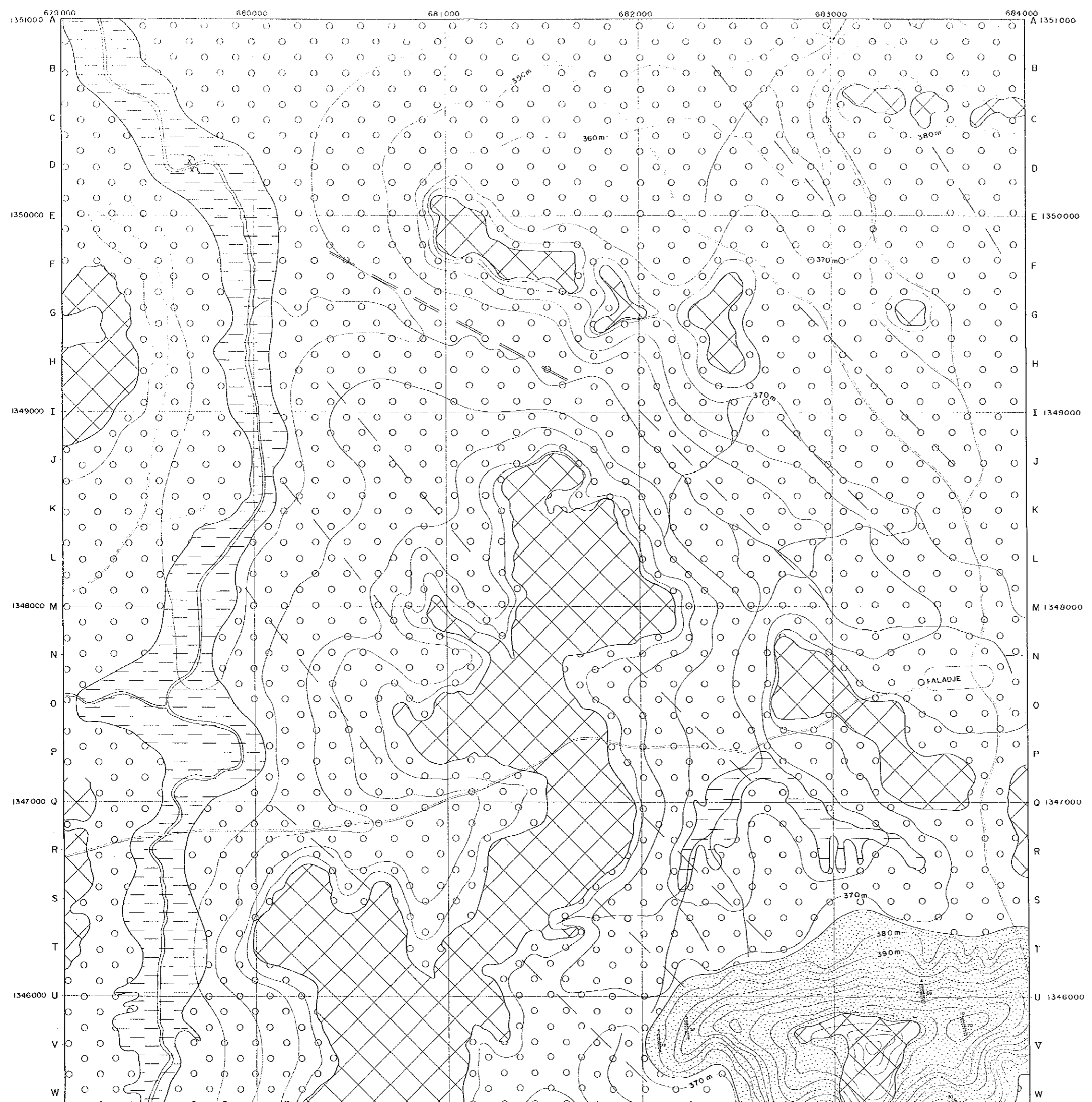
L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE L'AGENCE JAPONAISE MINIERE DES METAUX MARS 2001

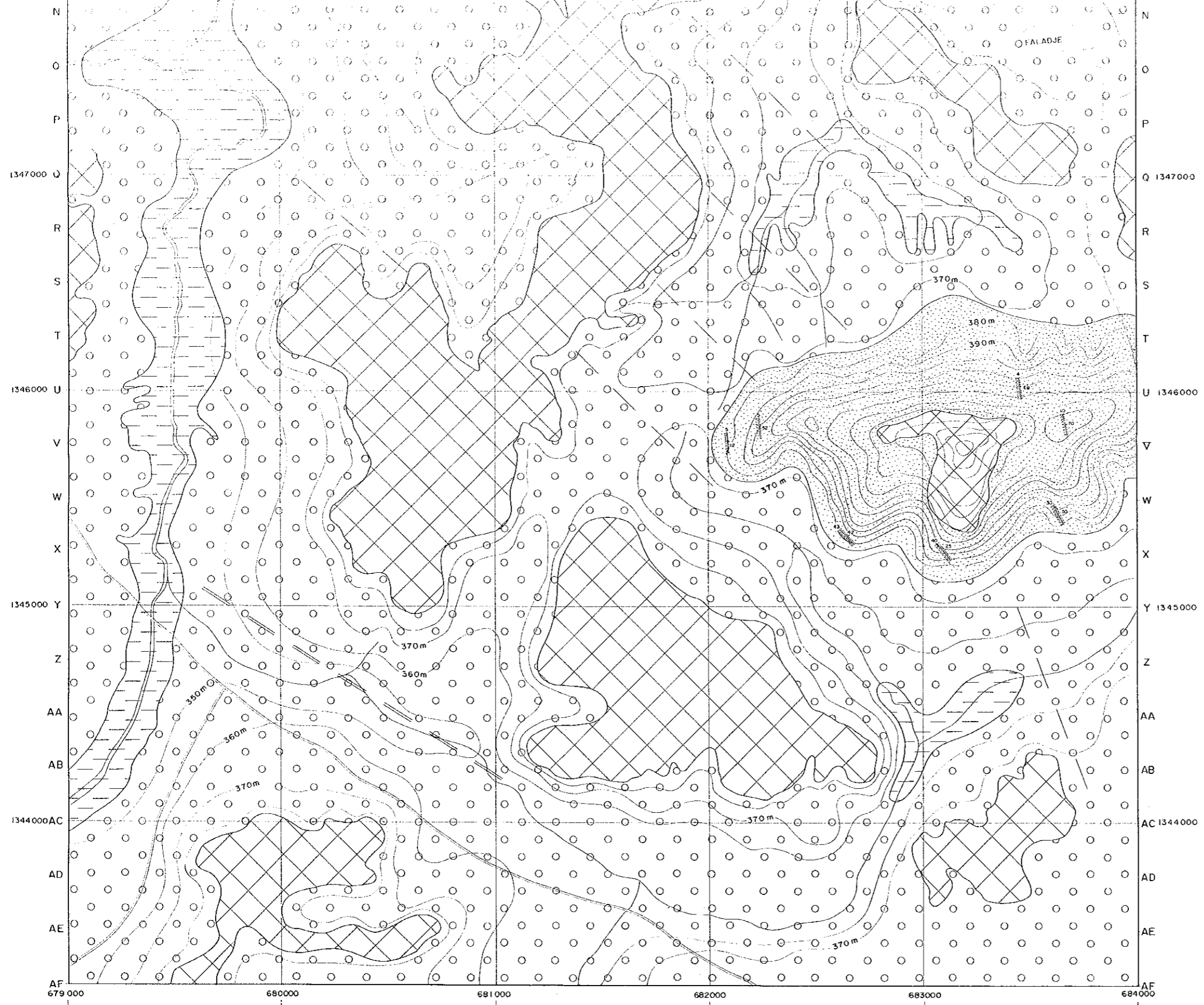
Echelle 1 : 10,000



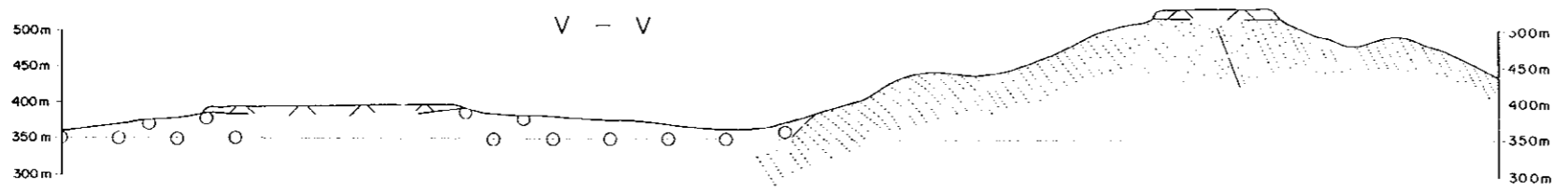
LEGENDE

- Legend items: Alluvions récentes (Argile, sables silteux); Latéritique (Carapace plateau, Carapace, supralite etc.); Roches ignes (Granites, gabbros, basalts etc.); Groupe Birrimien (Schistes argileux, Schistes sableux); L'épandage de blocs Birrimien; L'épandage de blocs ignes; Direction de schistosité et pendage; Linéament par photo-interprétation.

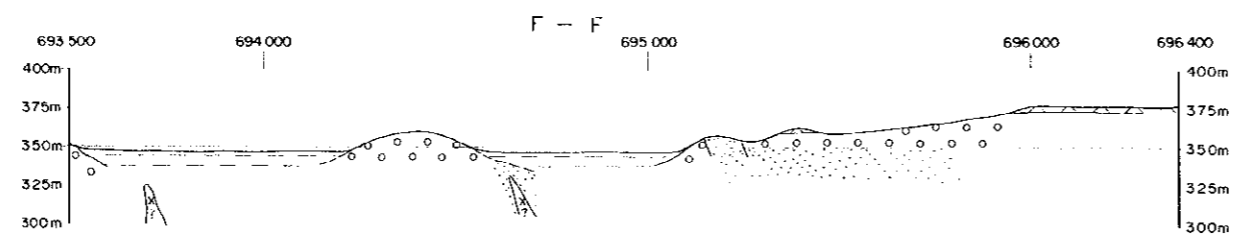
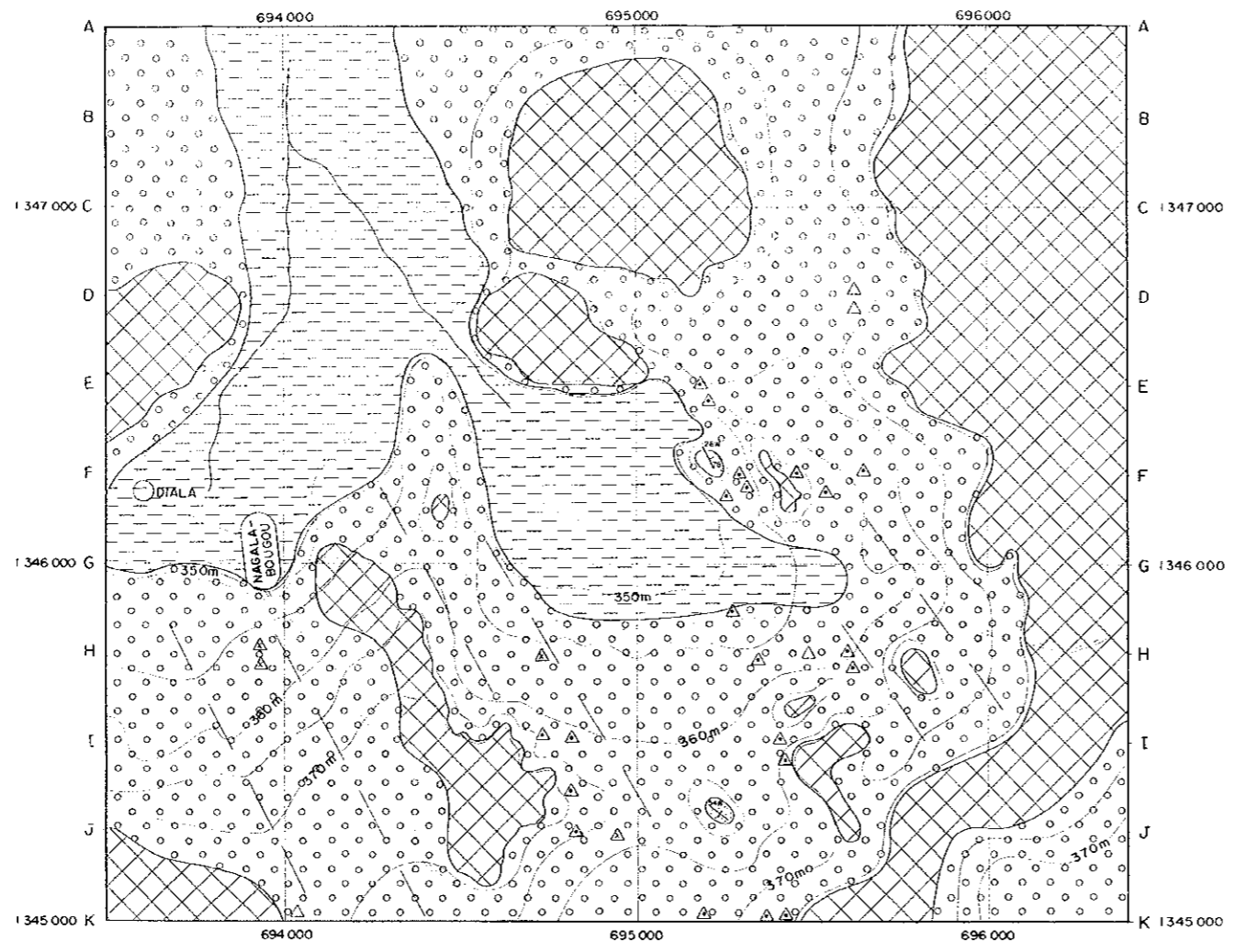




- Schistes argileux
- Schistes sableux
- L'épandage de blocs Birimien
- L'épandage de blocs ignés
- Direction de schistosité et pendage
- Lineament par photo-interprétation







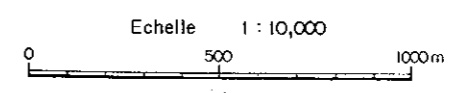
Ct. 6

**RAPPORT  
 SUR  
 L'EXPLORATION MINIERE  
 DANS  
 LA ZONE DE BAOULE-BANIFING,  
 REPUBLIQUE DU MALI  
 PREMIERE ANNEE**

**PLAN ET PROFIL GEOLOGIQUE  
 DU SECTEUR  
 TOROKORO**

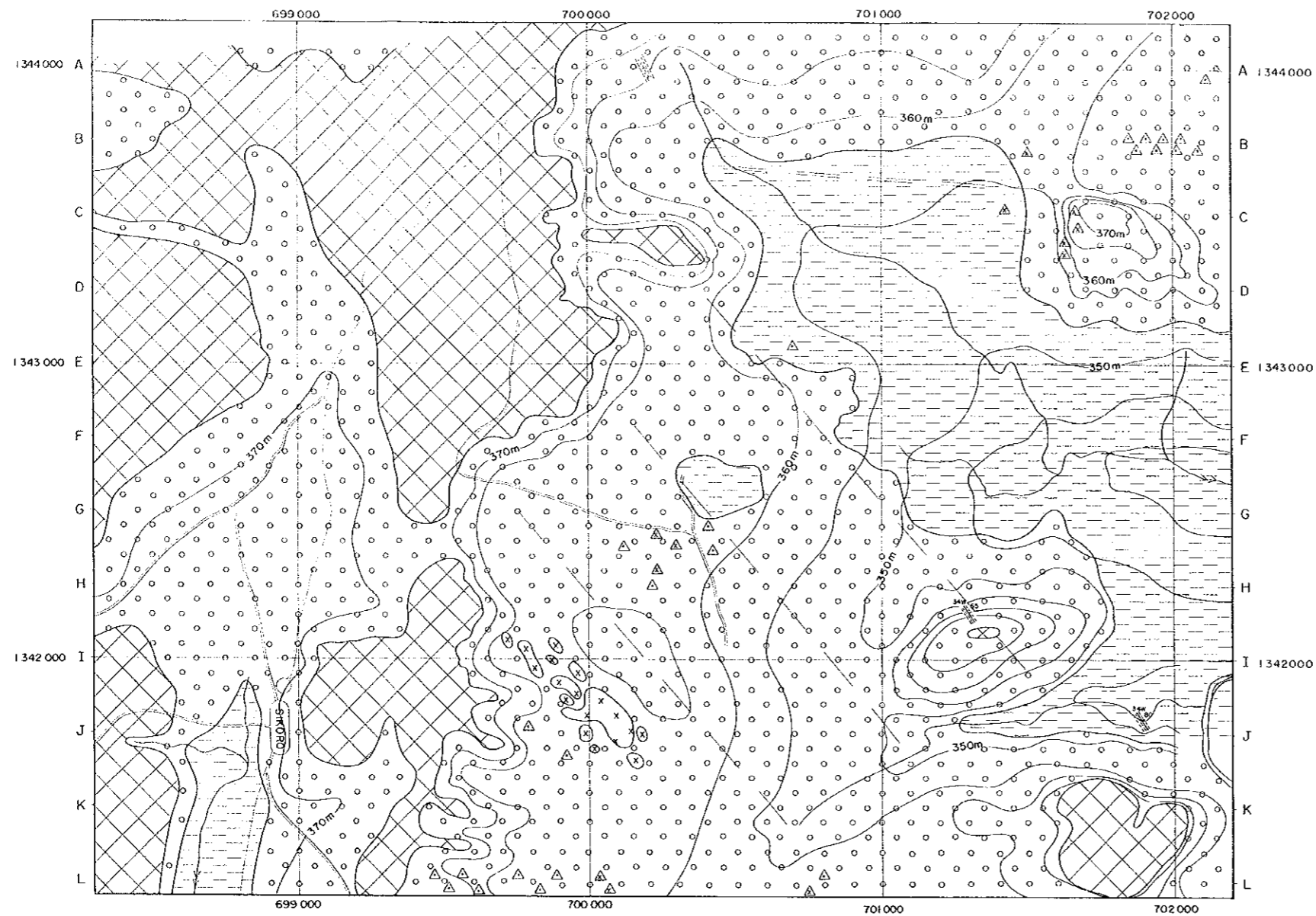
CADRE GEOGRAPHIQUE

L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
 L'AGENCE JAPONAISE MINIERE DES METAUX  
 MARS 2001



- LEGENDE
- Alluvions récentes
    - Argile, sables silteux
  - Latéritique
    - Carapace plateau
    - Carapace, saprolite etc.
  - Roches ignes
    - Granites, gabbros, basalts etc.
  - Groupe Birrimien
    - Schistes argileux
    - Schistes sableux
  - △ L'épandage de blocs Birrimien
    - △ L'épandage de blocs ignes
    - Direction de schistosité et pendage
    - Linéament par photo-interprétation





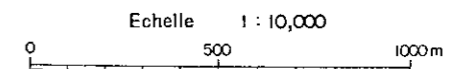
Ct. 7

RAPPORT  
 SUR  
 L'EXPLORATION MINIERE  
 DANS  
 LA ZONE DE BAOULE-BANIFING,  
 REPUBLIQUE DU MALI  
 PREMIERE ANNEE

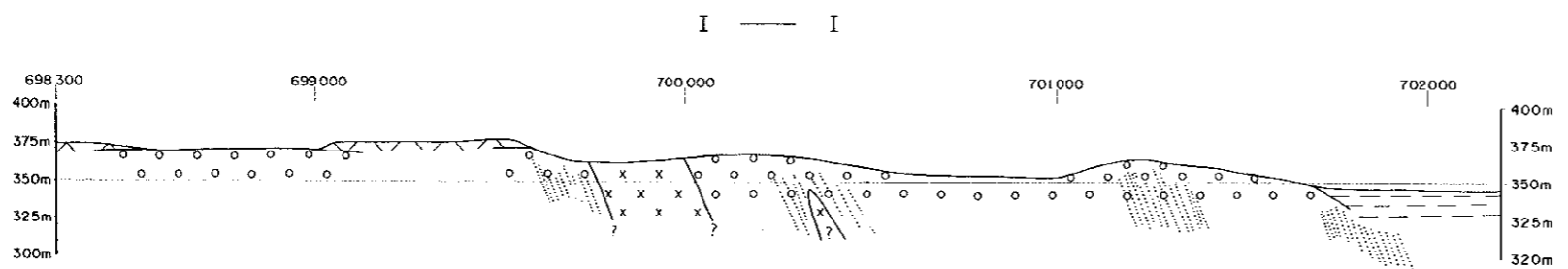
PLAN ET PROFIL GEOLOGIQUE  
 DU SECTEUR  
 KALAKO

CADRE GEOGRAPHIQUE

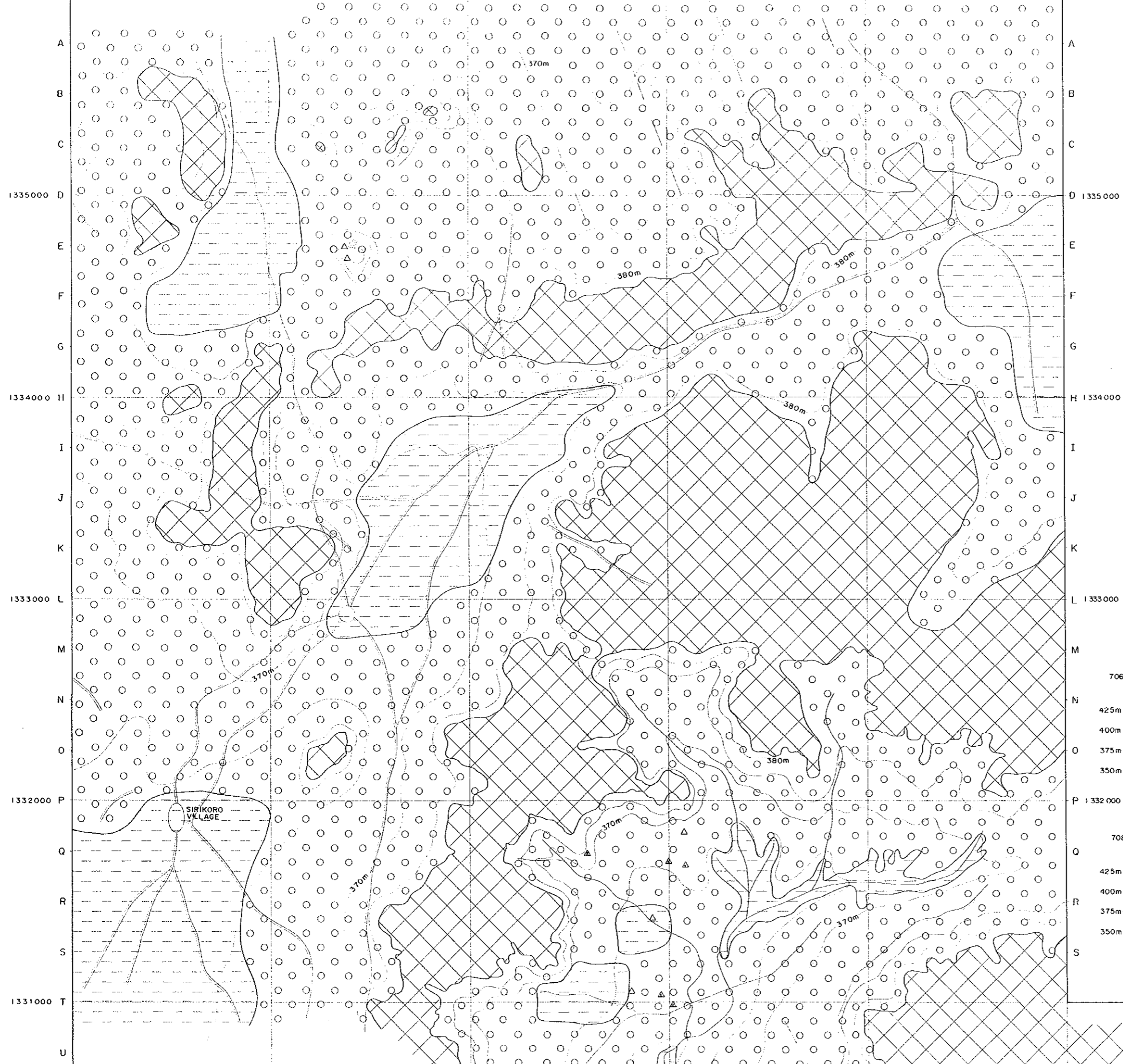
L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
 L'AGENCE JAPONAISE MINIERE DES METAUX  
 MARS 2001



- LEGENDE
- Alluvions récentes
    - Argile, sables silteux
  - Latérite
  - Carapace plateau
  - Carapace, saproélite etc.
  - Roches ignes
    - Granites, gabbros, basalts etc.
  - Groupe Birrimien
    - Schistes argileux
    - Schistes sableux
  - △ L'épandage de blocs Birrimien
  - △ L'épandage de blocs ignes
  - Direction de schistosité et pendage
  - Linéament par photo-interprétation



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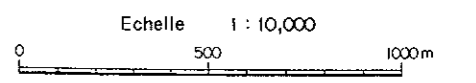
Ct. 8

**RAPPORT**  
**SUR**  
**L'EXPLORATION MINIERE**  
**DANS**  
**LA ZONE DE BAOULE-BANIFING,**  
**REPUBLIQUE DU MALI**  
**PREMIERE ANNEE**

**PLAN ET PROFIL GEOLOGIQUE**  
**DU SECTEUR**  
**SIRIKORO**

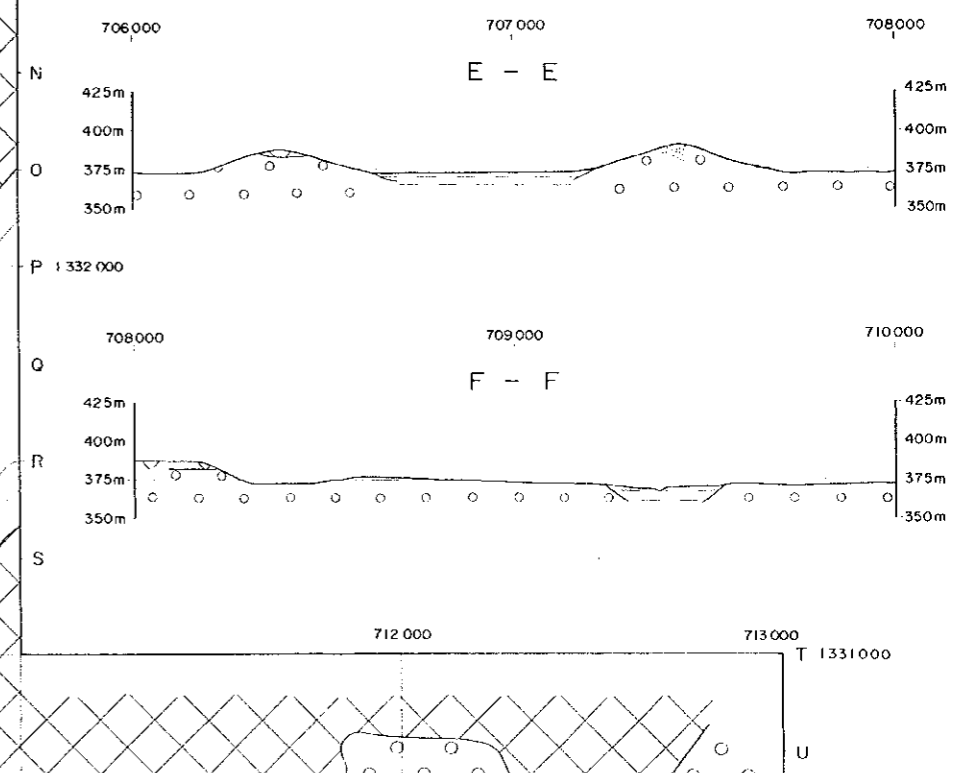
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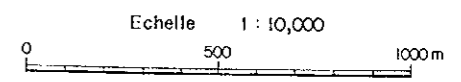
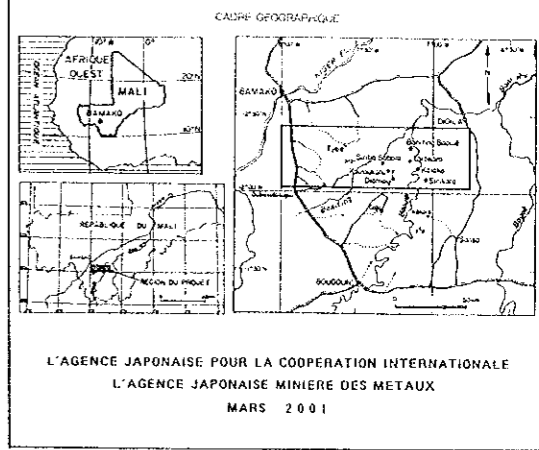
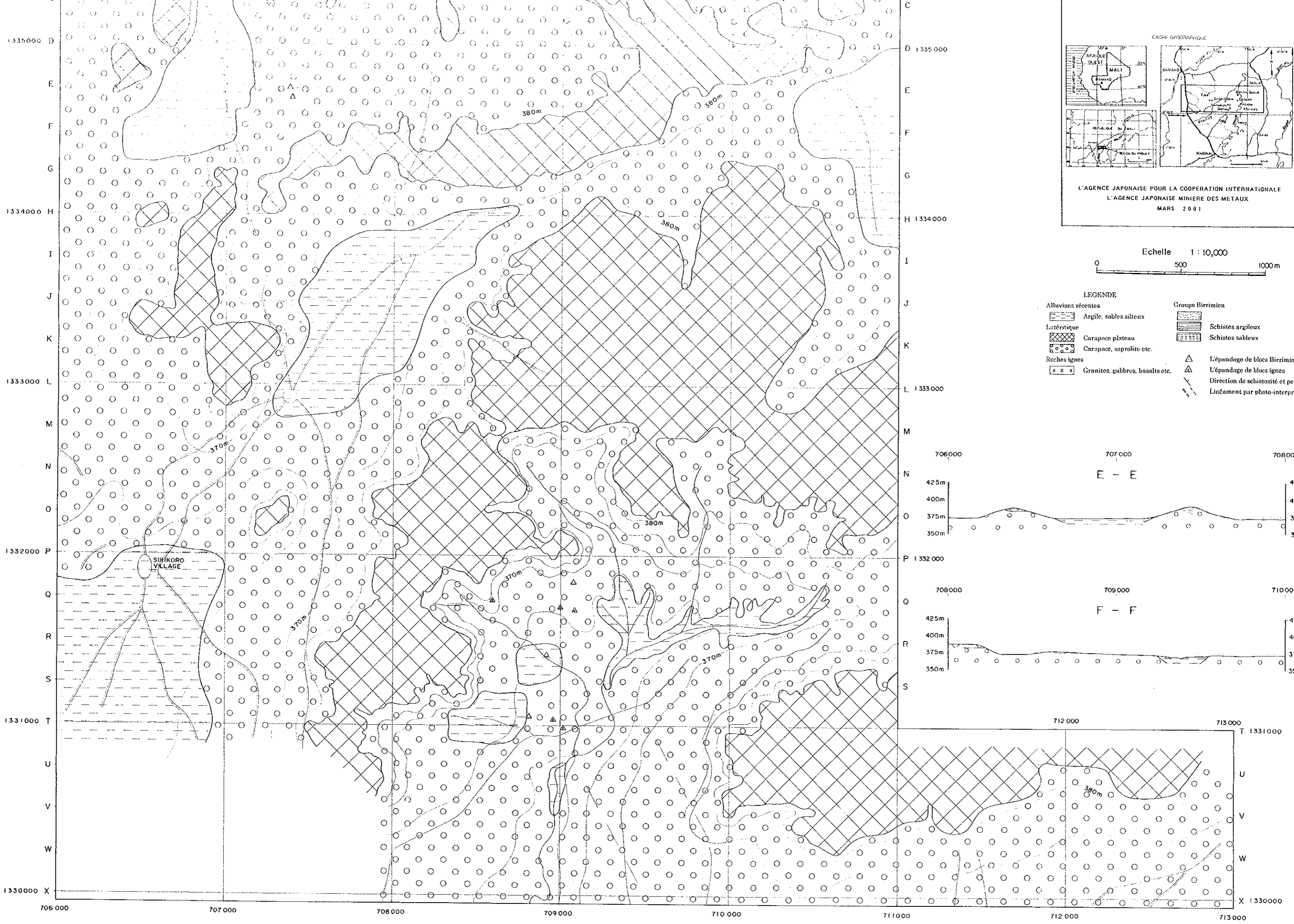
L'AGENCE JAPONAISE POUR LA COOPERATION INTERNATIONALE  
 L'AGENCE JAPONAISE MINIERE DES METAUX  
 MARS 2001



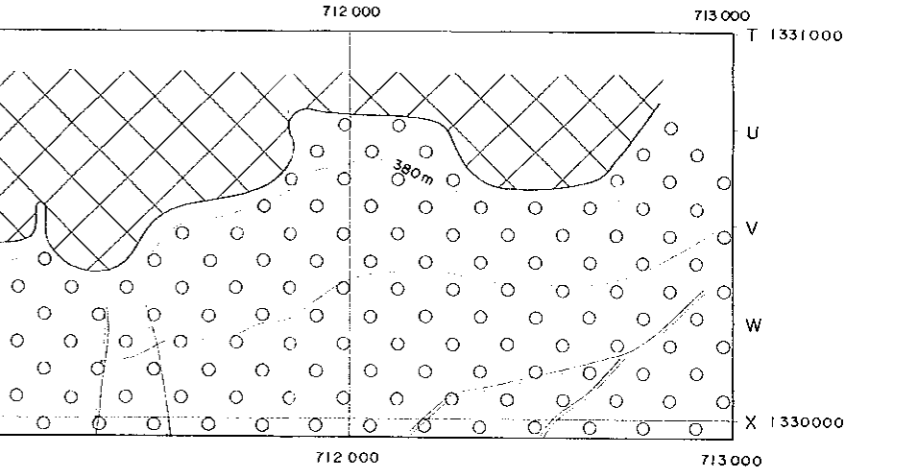
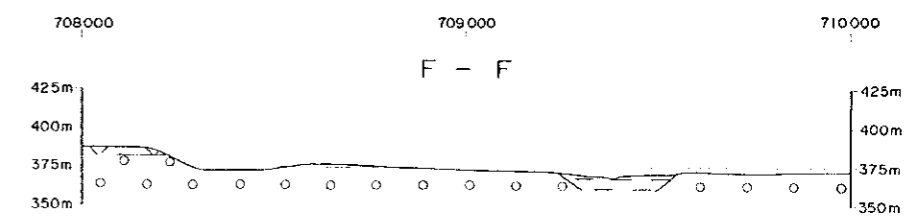
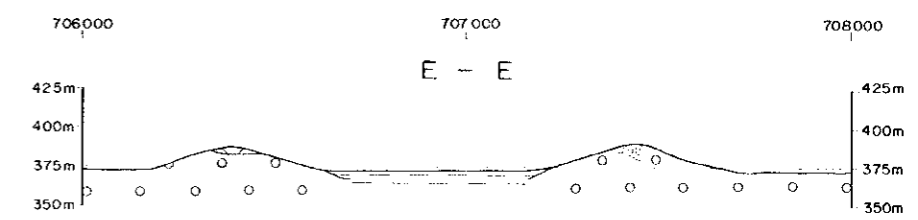
**LEGENDE**

<p><b>Alluvions récentes</b></p> <p>Argile, sables silteux</p> <p>Latérite</p> <p>Carapace plateau</p> <p>Carapace, saprolite etc.</p> <p><b>Roches ignes</b></p> <p>Granites, gabbros, basalts etc.</p>	<p><b>Groupe Birrimien</b></p> <p>Schistes argileux</p> <p>Schistes sableux</p> <p>L'épandage de blocs Birrimien</p> <p>L'épandage de blocs ignes</p> <p>Direction de schistosité et pendage</p> <p>Linéament par photo-interprétation</p>
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- LEGENDE
- |   |   |
|---|---|
| <p>Alluvions récentes</p> <p>Argile, sables silteux</p> <p>Latéritique</p> <p>Carapace plateau</p> <p>Carapace, saprolite etc.</p> <p>Roches ignes</p> <p>Granites, gabbros, basalts etc.</p> | <p>Groupe Birrimien</p> <p>Schistes argileux</p> <p>Schistes sableux</p> <p>L'épandage de blocs Birrimien</p> <p>L'épandage de blocs ignes</p> <p>Direction de schistosité et pendage</p> <p>Liaison par photo-interprétation</p> |
|---|---|



11/11/11

