

## Appendix 3

# Microscopic Observation of Polished Sections

Serial No.	Sample No	District	Location	UTM		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
				N	E											
5	7605	Turaquiri		7,994,713	560,465	<2	279	4008	16393	9808	42	140	<1	5	933	<5
10	7610	Turaquiri		7,994,158	561,006	<2	166.6	4730	98700	34513	33	33	<1	12	95	<5
21	7952	Turaquiri		7,994,404	561,008	<2	5	25	1401	1240	17	32	<1	<1	158	8
28	7959	Turaquiri		7,994,960	560,744	<2	12.1	392	1477	10004	74	9	<1	8	2629	<5
32	7963	Turaquiri		7,994,701	561,055	3528	337	144	4282	7842	123	<5	<1	3	4039	<5
35	7966	Turaquiri		7,994,831	561,026	210	137.7	38	28100	703	66	53	<1	12	9707	<5
323	7734	Sonia Susana	Co. Jankho Kkollu	7,916,441	514,372	22	583	441	415400	35257	66	520	<1	14	56	<5
324	7735	Sonia Susana	Co. Jankho Kkollu	7,916,425	514,372	17	183.3	21257	136300	55095	286	188	1	6	112	<5
331	7742	Sonia Susana	Co. Jankho Kkollu	7,916,218	514,410	41	138.3	7332	34950	80674	61	191	1	41	33	<5
339	7767	Sonia Susana	Co. Jankho Kkollu	7,916,560	514,370	10	90.9	750	42100	89489	49	74	<1	10	490	<5
363	7922	Sonia Susana	Co. Jankho Kkollu	7,917,085	514,323	2	<5	19	21	117	<5	<5	1	<1	770	<5
364	7923	Sonia Susana	Co. Jankho Kkollu	7,916,968	514,324	2	<5	35	16	123	7	5	<1	<1	341	<5
365	7924	Sonia Susana	Co. Jankho Kkollu	7,916,956	514,240	<2	<5	9	14	57	<5	<5	<1	3	1951	<5
387	7771	Sonia Susana	Co. Sta. Catalina	7,915,790	517,860	4	<5	544	24	265	<5	7	<1	<1	388	<5
411	7804	Mendoza		7,819,760	623,575	<2	5.3	24	166	9	121	183	<1	8	1456	<5
430	7823	Mendoza		7,819,900	623,514	12	1.5	6	36	6	25	25	<1	8	1452	<5

Serial No.	Sample No.	Field name of Rock	Remarks	District	Location	El	Uy	Arg	Plb	Td	Py	Ms	Sp	Gn	Ce	Op	Cc	Cv	Acal	Cald	Hm	Goe	Mn	Mag	Celd
5	7605	Qtz Mn (Ba) v grn Cu Py imp Pb	dump	Turaquiri																					
10	7610	50c Qtz Ba Pb Cu		Turaquiri																					
21	7952	w=3m Mn Ba V in csg An	75E	Turaquiri																					
28	7959	30c sil Qtz v with grn Cu	85W75S	Turaquiri																					
32	7963	Mn-Qtz(Ba)-chl+Qtz v	Pb(Zn) dump	Turaquiri																					
35	7966	Qtz(Mn) Pb v	dump	Turaquiri																					
323	7734	Q+sil brc v	Pb Ore	Sonia Susana Co.	Jankho Kkollu																				
324	7735	Q+sil brc v	Pb+Cu ore	Sonia Susana Co.	Jankho Kkollu																				
331	7742	W-20cm qv	gn imp	Sonia Susana Co.	Jankho Kkollu																				
339	7767	40cm sil-v	55E30SE	Sonia Susana Co.	Jankho Kkollu																				
363	7922	propy lptf	op imp, grn Cu	Sonia Susana Co.	Jankho Kkollu																				
364	7923	dio	grn Cu imp	Sonia Susana Co.	Jankho Kkollu																				
365	7924	propy an	grn Cu, Ba imp	Sonia Susana Co.	Jankho Kkollu																				
387	7771	propy an		Sonia Susana Co.	Sta. Catalina																				
411	7804	vs-sil, part vgy	fng py, 80W90	Mendoza																					
430	7823	1.5m vs-sil hvdbx vgy	70E90	Mendoza																					

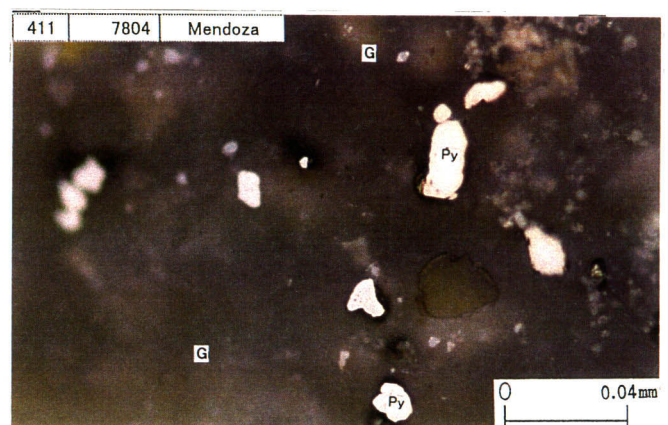
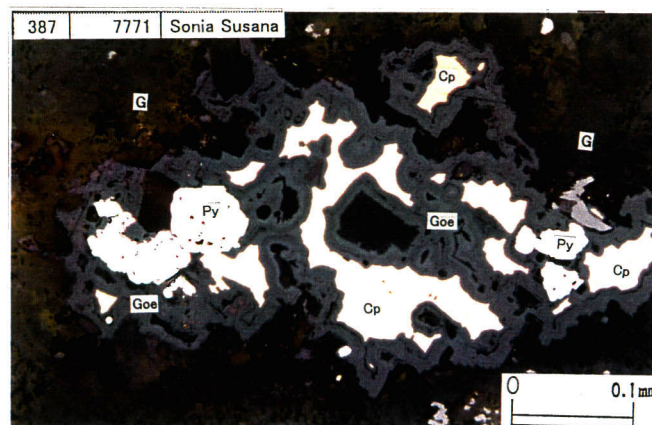
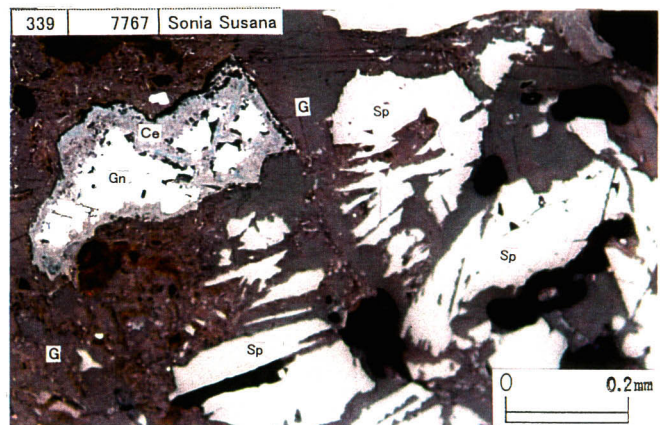
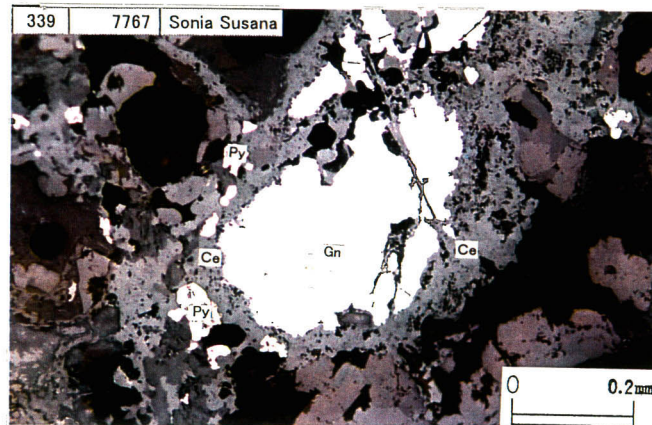
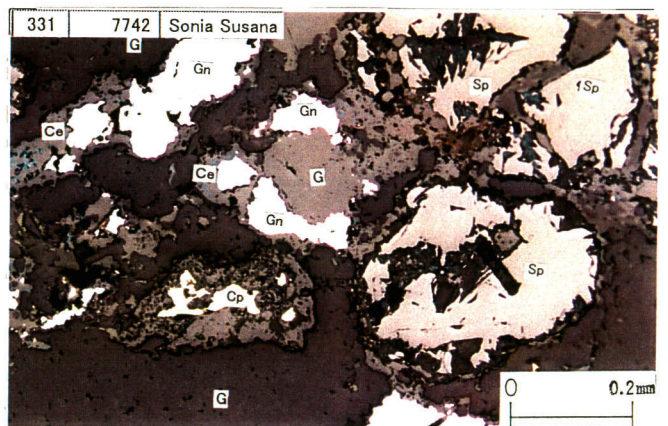
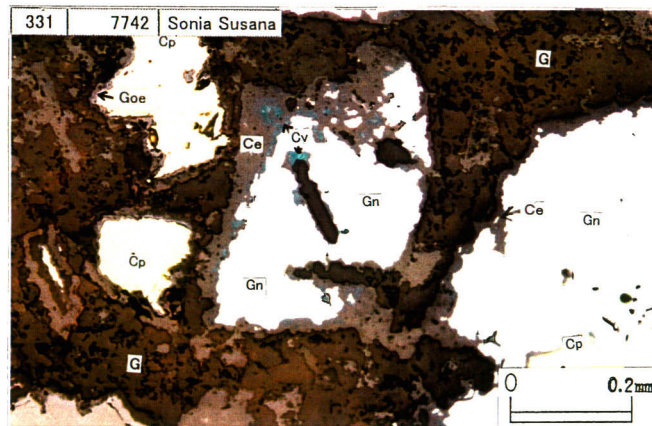
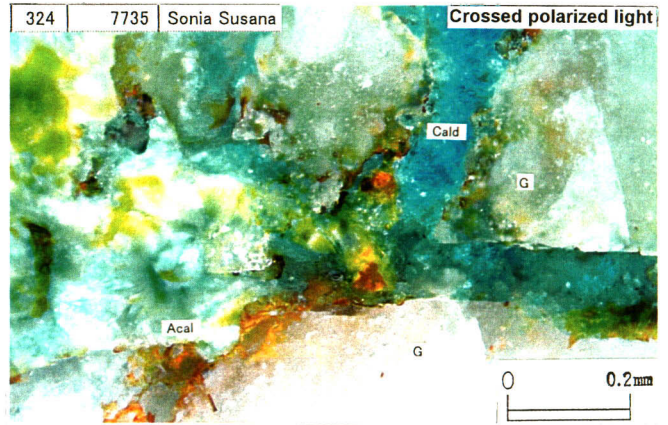
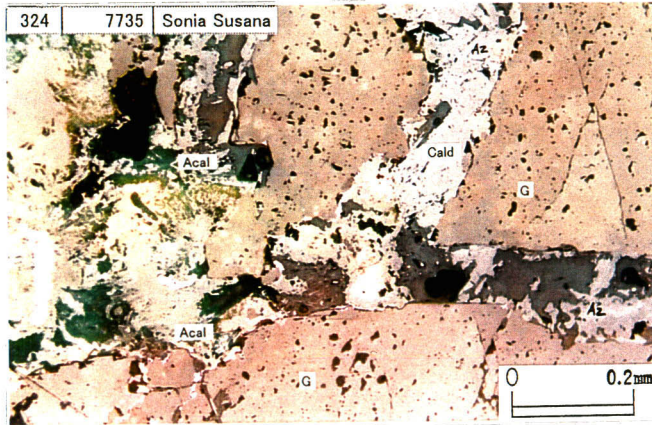
[Abbreviations]

El: electrum, Uy: uytenbogaardite, Arg: Argentite, Pb: Polybasite, Td: Tetrahedrite, Py: pyrite, Ms: Marcasite, Sp: Sphalerite, Gn: Galena, Ce cerussite, Cp: chalcopyrite  
Cc: chalcocite, Cv: covellite, Acal: aurichalcite, Cald: calcedonite, Hm: hematite, Goe: goethite, Mn: manganese oxide, Mag: magnetite, Celd: celadonite, G: gang

### Appendix 3-2 Result of Microscopic Observations of Polished Sections

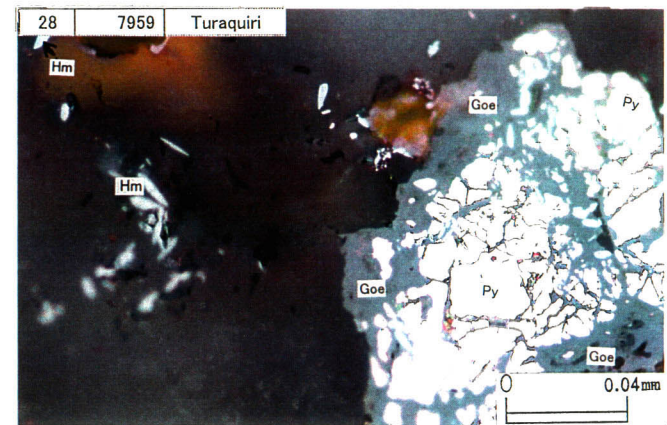
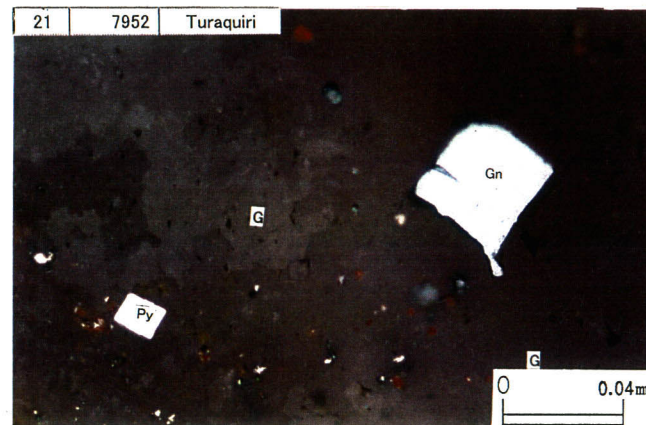
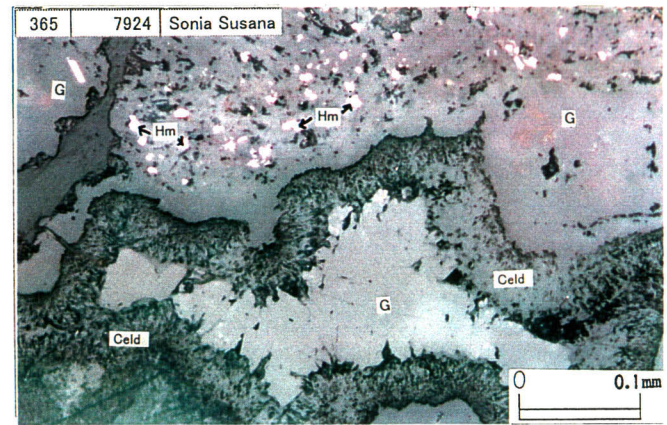
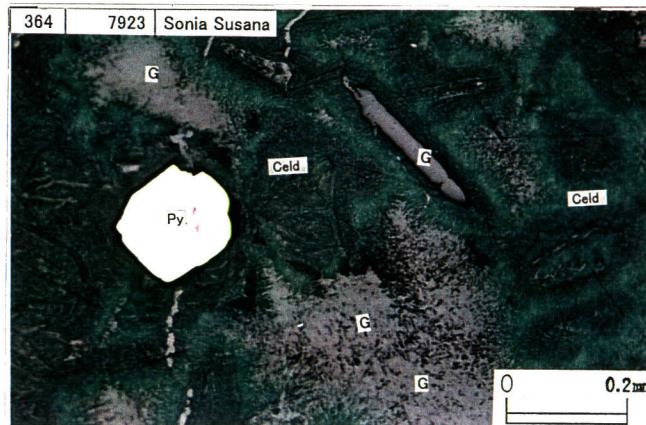
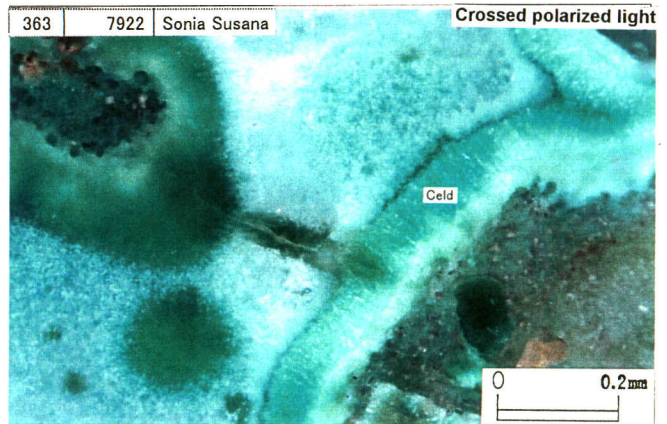
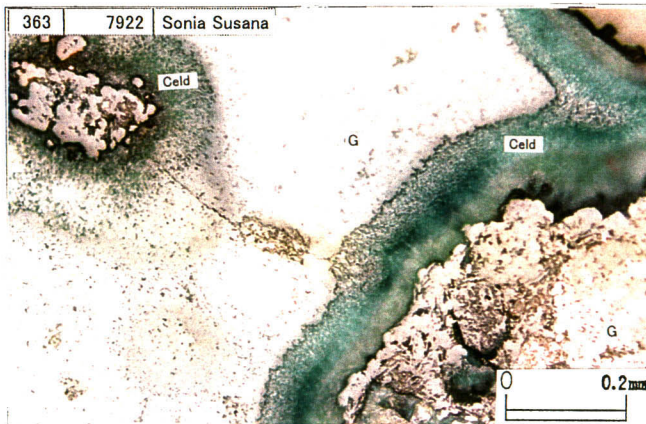
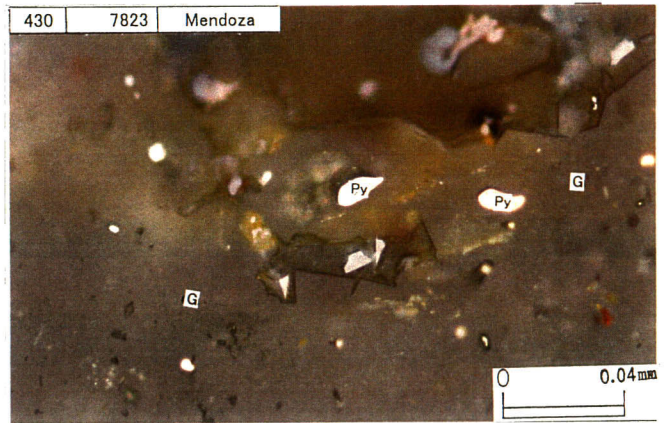


# Photomicrographs of Polished Sections



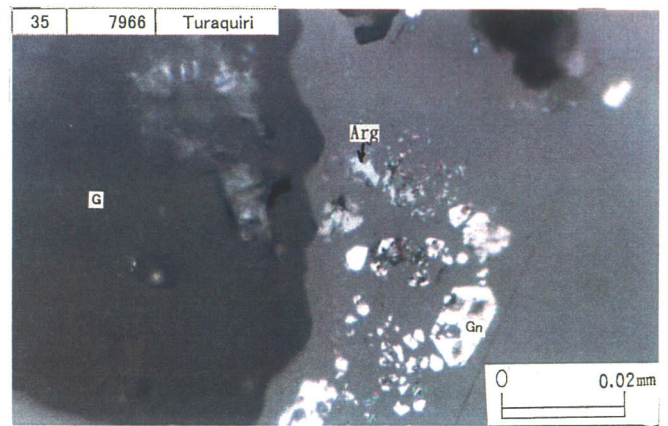
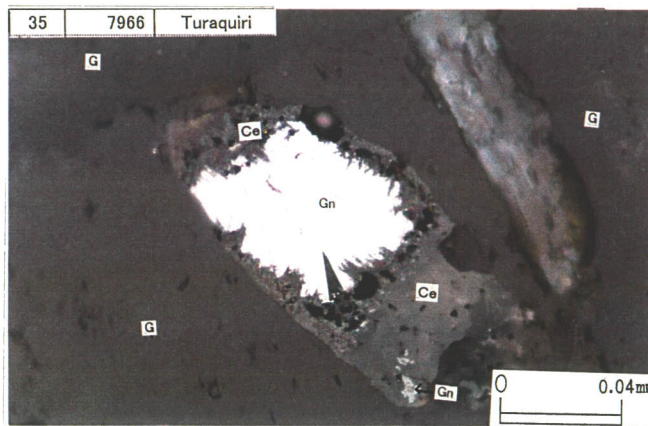
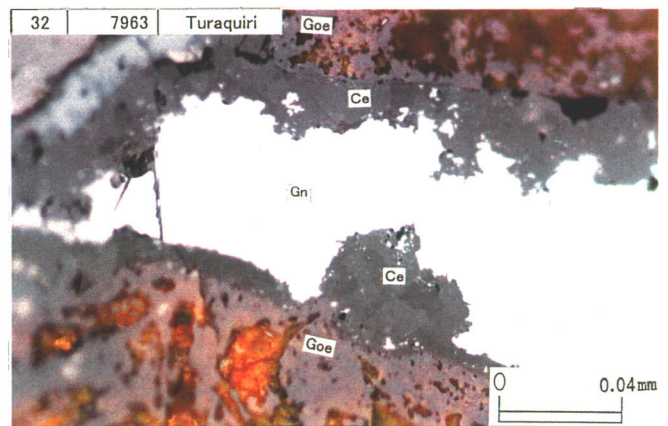
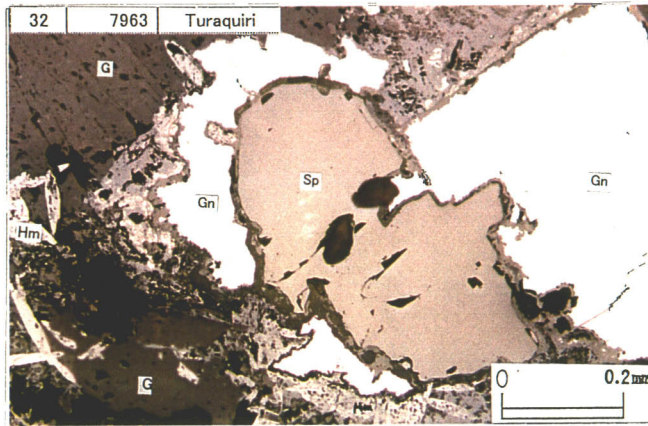
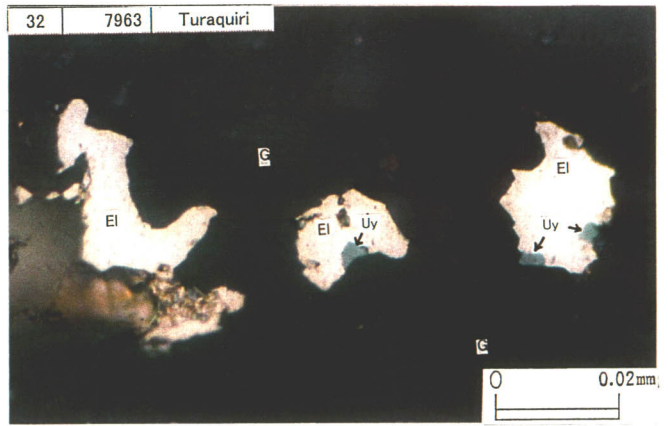
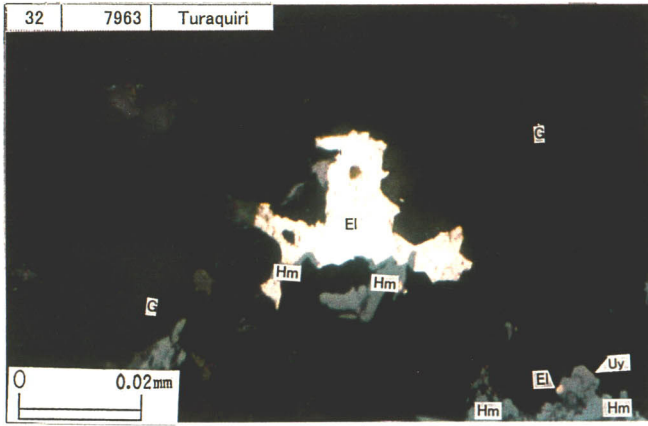


Photomicrographs of Polished Sections



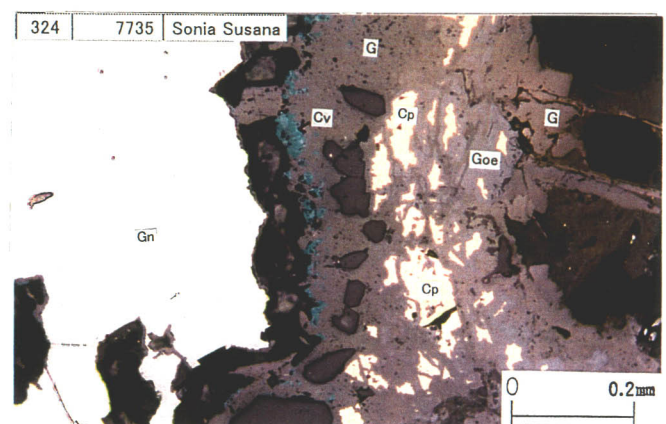
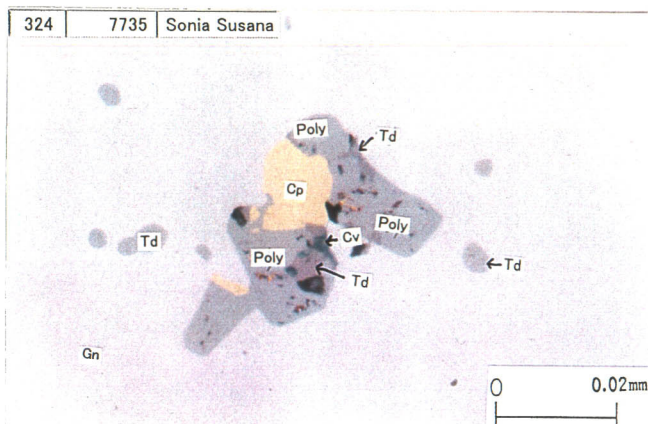
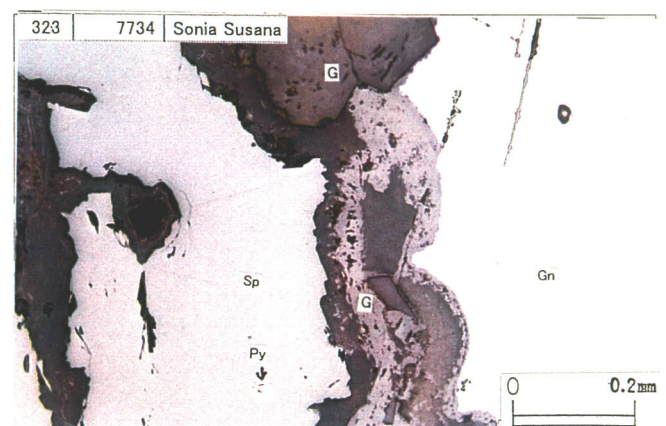
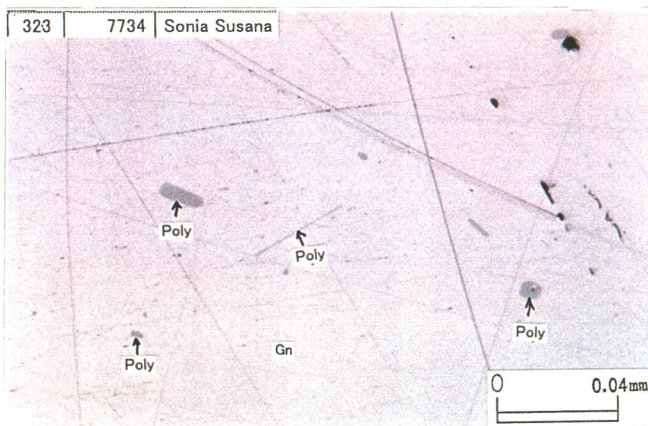
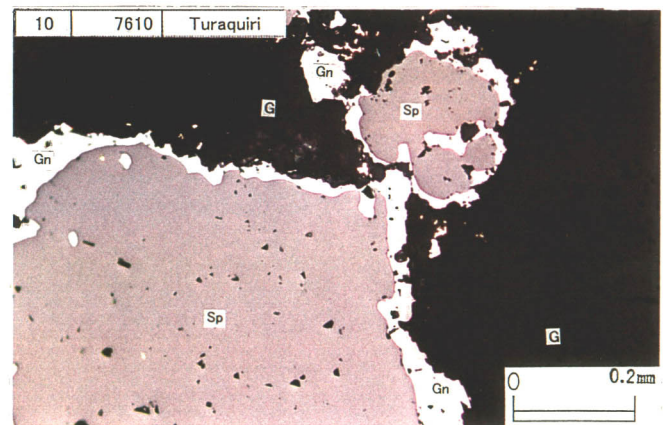
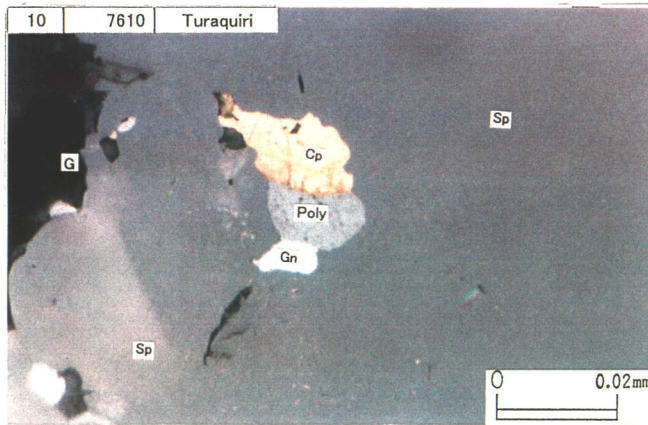
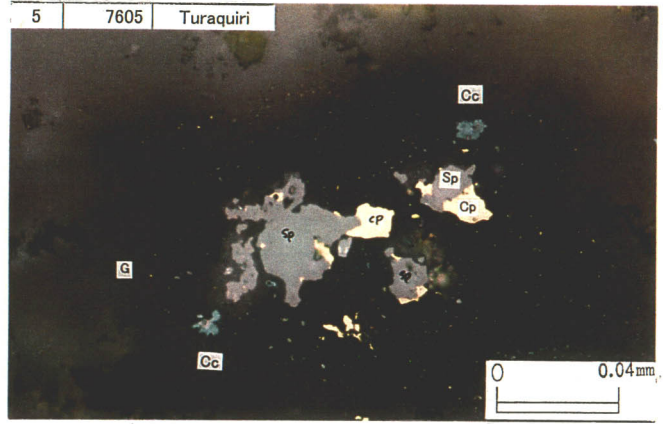
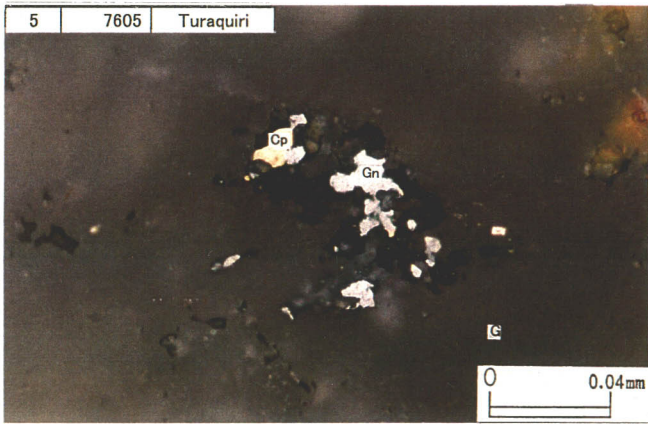


Photomicrographs of Polished Sections





Photomicrographs of Polished Sections





Appendix 4  
X-ray Diffraction Analysis

Serial No.	Sample No.	District	Location	UTM		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
				N	E											
10	7610	Turaquiri		7,994,158	561,006	<2	166.6	4730	98700	34513	33	33	<1	12	95	<5
15	7615	Turaquiri		7,994,979	560,768											
25	7956	Turaquiri		7,994,706	560,695	<2	<.5	4	32	43	6	8	<1	<1	1577	<5
29	7960	Turaquiri		7,994,960	560,744	<2	8.4	58	975	5179	16	7	<1	<1	358	<5
36	7967	Turaquiri		7,994,872	560,967	2	33.8	4	130	433	23	14	<1	<1	1061	<5
40	7971	Turaquiri		7,994,994	561,081	<2	<.5	3	30	589	421	11	<1	3	1214	<5
49	7980	Turaquiri		7,994,840	561,276	46	1.7	19	2751	8795	176	11	<1	26	1370	<5
51	7982	Turaquiri		7,994,990	561,458	20	4.3	36	1299	314	146	9	<1	11	2797	<5
59	7990	Turaquiri		7,994,488	560,741	<2	<.5	16	23	43	7	8	<1	<1	1094	<5
63	7994	Turaquiri		7,995,241	560,687	3	0.7	10	60	99	<5	11	<1	<1	1336	<5
87	8118	Chullcani		7,976,696	520,416											
90	8121	Chullcani		7,976,455	519,850											
91	8122	Chullcani		7,977,291	519,770											
92	8123	Chullcani		7,977,562	519,395											
93	8124	Chullcani		7,977,810	519,796											
96	8203	Chullcani		7,977,964	519,661	<2	<.5	7	5	11	10	<5	<1	2	1466	<5
99	8206	Chullcani		7,977,710	519,725	<2	<.5	39	30	18	19	6	<1	2	153	<5
109	8216	Chullcani		7,977,587	520,441	<2	<.5	4	12	9	20	<5	<1	1	1754	<5
111	8218	Chullcani		7,977,737	520,180	<2	<.5	4	30	12	6	<5	<1	<1	1626	<5
129	8236	Chullcani		7,976,455	520,048	<2	<.5	7	21	9	<5	10	<1	<1	1989	<5
133	8240	Chullcani		7,976,947	520,185	<2	<.5	3	8	8	8	<5	<1	5	1049	<5
143	8250	Chullcani		7,976,277	520,303	<2	<.5	5	4	<2	9	<5	<1	5	2376	<5
156	8263	Chullcani		7,977,443	520,991	<2	<.5	14	42	26	40	<5	<1	3	2062	<5
158	8302	Chullcani		7,976,961	520,308	<2	<.5	6	27	14	<5	<5	<1	7	707	<5
162	8306	Chullcani		7,976,878	520,203	<2	<.5	6	17	50	<5	5	1	<1	1892	<5
163	8307	Chullcani		7,976,986	520,273	<2	<.5	15	17	9	5	<5	<1	<1	2080	<5
170	8314	Chullcani		7,977,035	520,235	<2	<.5	21	22	22	11	<5	<1	2	1742	<5
177	8321	Chullcani		7,977,079	520,325	<2	<.5	44	77	12	13	<5	<1	1	290	<5
181	8325	Chullcani		7,977,157	520,286	<2	<.5	53	21	11	6	8	<1	<1	184	<5
185	8329	Chullcani		7,976,914	520,544	<2	<.5	4	52	14	7	10	<1	<1	1075	<5
186	8330	Chullcani		7,976,972	520,546	<2	<.5	10	78	5	12	9	<1	<1	1307	5
225	8400	Chullcani		7,976,212	518,878	3	<.5	16	60	148	<5	9	<1	3	1545	<5
231	8406	Chullcani		7,976,137	519,123	2	<.5	5	52	16	15	8	<1	4	1265	<5
243	8418	Chullcani		7,976,749	518,676	8	1.2	4	364	26	14	<5	<1	3	1200	<5
247	8422	Chullcani		7,977,254	518,756	14	<.5	87	44	92	17	10	<1	24	1559	8
258	8433	Chullcani		7,977,231	518,124	2	<.5	15	24	10	22	5	<1	<1	687	<5
268	8443	Chullcani		7,976,058	519,017	4	<.5	20	78	15	<5	6	<1	4	1526	<5
291	8466	Chullcani		7,977,266	519,164											
292	8467	Chullcani		7,976,944	518,654											
293	8468	Chullcani		7,976,692	518,140											
294	8469	Chullcani		7,977,502	518,389											
295	8470	Chullcani		7,977,708	518,770											
316	7727	Sonia Susana	Co. Jankho Kkollu	7,916,687	514,597	2	<.5	2	11	28	9	<5	<1	3	1819	<5
319	7730	Sonia Susana	Co. Jankho Kkollu	7,916,553	514,365	<2	<.5	<2	8	19	<5	<5	<1	2	1091	<5
335	7746	Sonia Susana	Co. Jankho Kkollu	7,916,451	514,365	<2	<.5	4	22	1726	16	<5	<1	1	3227	<5
336	7747	Sonia Susana	Co. Jankho Kkollu	7,916,478	514,363											
344	7902	Sonia Susana	Co. Jankho Kkollu	7,916,922	514,687	<2	<.5	3	82	74	24	<5	<1	5	828	<5
351	7910	Sonia Susana	Co. Jankho Kkollu	7,917,236	514,746	<2	<.5	<2	18	38	13	<5	<1	3	1047	<5
359	7918	Sonia Susana	Co. Jankho Kkollu	7,916,972	514,743											
361	7920	Sonia Susana	Co. Jankho Kkollu	7,916,918	514,282	<2	<.5	4	79	205	37	<5	<1	6	1006	<5
367	7707	Sonia Susana	Co. Sta. Catalina	7,915,864	517,562	9	3.7	49	199	67	13	<5	<1	31	621	8
368	7708	Sonia Susana	Co. Sta. Catalina	7,915,852	517,608	19	2.5	185	134	122	82	<5	<1	113	942	<5
410	7803	Mendoza		7,819,781	623,639	<2	0.7	6	325	16	64	222	1	9	9916	16
414	7807	Mendoza		7,819,676	623,493	<2	0.8	12	94	10	81	99	<1	6	494	<5
432	7825	Mendoza		7,819,915	623,480	<2	<.5	39	185	12	26	7	<1	3	572	5
434	7827	Mendoza		7,819,973	623,380	115	6.1	21	446	76	216	24	<1	11	817	6
435	7828	Mendoza		7,819,948	623,339	198	32.7	58	452	40	211	18	<1	3	809	<5
439	7832	Mendoza		7,820,035	623,735	<2	<.5	99	45	71	175	6	<1	1	537	<5
490	7887	Mendoza		7,820,638	623,559	2	0.6	10	15	11	19	8	<1	2	2106	<5
517	8015	Mendoza		7,822,193	624,003	2	10.8	353	6243	725	188	26	<1	5	1438	<5
519	8017	Mendoza		7,821,992	623,766	6	1.7	148	3716	373	154	34	<1	3	585	6
521	8019	Mendoza		7,819,677	624,027	38	2.6	19	105	15	47	80	<1	12	1299	<5
523	8021	Mendoza		7,819,679	623,972	35	1.5	8	134	<2	17	56	<1	12	7267	7
524	8022	Mendoza		7,819,647	623,931	2	<.5	3	19	9	7	11	<1	4	992	<5
528	8026	Mendoza		7,819,409	623,856	10	0.8	38	28	20	58	44	<1	6	173	<5
529	8027	Mendoza		7,819,406	623,867	<2	<.5	5	3	<2	<5	17	<1	8	42	<5
533	8031	Mendoza		7,819,683	624,453	2	<.5	112	23	35	77	13	<1	3	622	<5
535	8033	Mendoza		7,820,033	623,680	4	9.6	6	562	8	81	42	<1	8	268	7
544	8042	Mendoza		7,822,375	624,112	6	9.9	215	2746	8143	245	11	<1	8	892	<5
546	8044	Mendoza		7,822,371	624,011	<2	<.5	33	58	169	<5	7	2	<1	1181	<5
550	8048	Mendoza		7,822,136	623,915	2	5.2	96	1023	462	118	36	<1	3	674	<5
560	8058	Mendoza		7,821,257	624,390											

Appendix 4-1 Sample List of Labolatory Works (X-ray differaction Analysis)

Serial No.	Sample No.	District	Location	UTM		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
				N	E											
813	MJBO-1- 15m	Chullcani														
814	MJBO-1- 30m	Chullcani														
815	MJBO-1- 45m	Chullcani														
816	MJBO-1- 60m	Chullcani														
817	MJBO-1- 75m	Chullcani														
818	MJBO-1- 90m	Chullcani														
819	MJBO-1- 105m	Chullcani														
821	MJBO-1- 120m	Chullcani														
822	MJBO-1- 135m	Chullcani														
823	MJBO-1- 150m	Chullcani														
824	MJBO-1- 165m	Chullcani														
825	MJBO-1- 180m	Chullcani														
827	MJBO-1- 195m	Chullcani														
829	MJBO-1- 210m	Chullcani														
830	MJBO-1- 215m	Chullcani														
831	MJBO-1- 219.1m	Chullcani														
832	MJBO-1- 225m	Chullcani														
834	MJBO-1- 240m	Chullcani														
835	MJBO-1- 255m	Chullcani														
836	MJBO-1- 270m	Chullcani														
837	MJBO-1- 285m	Chullcani														
839	MJBO-1- 290.9m	Chullcani														
840	MJBO-1- 300m	Chullcani														
841	MJBO-2- 14.5m	Chullcani														
842	MJBO-2- 30m	Chullcani														
843	MJBO-2- 45m	Chullcani														
844	MJBO-2- 60m	Chullcani														
845	MJBO-2- 75m	Chullcani														
846	MJBO-2- 90m	Chullcani														
847	MJBO-2- 104.8m	Chullcani														
848	MJBO-2- 120m	Chullcani														
849	MJBO-2- 135m	Chullcani														
850	MJBO-2- 150m	Chullcani														
852	MJBO-2- 165.1m	Chullcani														
853	MJBO-2- 180m	Chullcani														
854	MJBO-2- 193m	Chullcani														
855	MJBO-2- 210m	Chullcani														
856	MJBO-2- 225m	Chullcani														
858	MJBO-2- 240m	Chullcani														
859	MJBO-2- 255m	Chullcani														
861	MJBO-2- 265m	Chullcani														
862	MJBO-2- 285m	Chullcani														
863	MJBO-2- 300m	Chullcani														



## Abbreviations

Abbreviations	Mineral	Formula
Cr	: cristobalite	SiO <sub>2</sub>
Tr	: tridymite	SiO <sub>2</sub>
Amor	: Amorphous silica	
Qz	: quartz	SiO <sub>2</sub>
Will	: Willhendersonite	KCa(Al <sub>3</sub> Si <sub>3</sub> O <sub>24</sub> )·5H <sub>2</sub> O
Smc	: smectite	
Kao	: kaolinite	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ·(OH) <sub>4</sub>
Hall	: Halloysite	
Ser	: sericite	
Pph	: pyrophyllite	Al <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> ·(OH) <sub>2</sub>
Chl	: chlorite	
S/S	: sericite/smectite	
Pl	: plagioclase	
Kf	: potash feldspar	
Bt	: biotite	
Ep	: epidote	Ca <sub>2</sub> (Al,Fe <sup>3+</sup> ) <sub>3</sub> [OH O SiO <sub>4</sub>  Si <sub>2</sub> O <sub>7</sub> ]
Al	: alunite	KAl <sub>3</sub> [(OH) <sub>6</sub>  (SO <sub>4</sub> ) <sub>2</sub> ]
Na-al	: natroalunite	NaAl <sub>3</sub> [(OH) <sub>6</sub>  (SO <sub>4</sub> ) <sub>2</sub> ]
Jar	: Jarosite	KFe <sub>3</sub> [(OH) <sub>6</sub>  (SO <sub>4</sub> ) <sub>2</sub> ]
Pg	: Plumbogummite	PbAl <sub>3</sub> H[(OH) <sub>6</sub>  (SO <sub>4</sub> ) <sub>2</sub> ]
Bar	: barite	BaSO <sub>4</sub>
Gy	: Gypsum	CaSO <sub>4</sub> ·2H <sub>2</sub> O
Cal	: calcite	CaCO <sub>3</sub>
Py	: pyrite	FeS <sub>2</sub>
Mt	: magnetite	Fe <sub>3</sub> O <sub>4</sub>
Rt	: rutile	TiO <sub>2</sub>
At	: Anatase	TiO <sub>2</sub>
Ti	: 2 θ = 24. 0	
40.3	: 2 θ = 40. 3	

Serial No.	Sample No.	Field name of Rock	Cr	Tr	Amor	Qz	Will	Smc	Kao	Hall	Ser	Pph	Chl	S/S	Pl	Kf	Bt	Ep	Al	Na-a	Jar	Pg	Bar	Gy	Cal	Py	Mt	Rt	At	Ti	8.0 40.3	11	
10	7610	50c Qtz Ba Pb Cu				○	⊙	·?							△																		
15	7615	m-sil>m-arg				⊙	△								⊙	△																	
25	7956	30c s-sil m-arg v				⊙	·?							○	○	△						△											
29	7960	60c Mn Ba V				⊙	△								○	○	△																
36	7967	2m Ba+Qtz(Mn limo)				⊙									△	○	△																
40	7971	m-sil lptf(-pwetf)v-wk limo				⊙									○	△	·																
49	7980	30c Mn v				⊙							△		⊙	△	△																
51	7982	5c sil v in m-sil csg bt An				○	·								⊙	△	△																
59	7990	w-arg csg an				⊙									⊙	△	△																
63	7994	w=1m m-arg v				⊙		○							△	△	△																
87	8118	wht-ple brn wht arg	○	△					△						·				⊙														
90	8121	wht arg and				⊙			△							△																	
91	8122	ple brn wht sil arg and (Al)				⊙													○								·						
92	8123	ple brn wht w-arg				⊙													○		·												
93	8124	ple brn wht arg and	⊙	△					△	△					△	△																	
96	8203	ple brn wht glassy and	⊙	△																													
99	8206	ple brn wht s-sil and	○	△		·													⊙														
109	8216	lgt gry-ple brn lim	⊙	△															△														
111	8218	lgt gry-wht vs- sil and?	⊙	△															△														
129	8236	ple brn wht m arg and				⊙		△	·						△	△																	
133	8240	wht bx pipe				⊙																											
143	8250	ple brn atg sil and Al				⊙																											
156	8263	ple brn wht-yel wht arg(-sil) and	○						○										△														
158	8302	wht sil rock(precipitate)				⊙																											
162	8306	ple brn wht s(-m) arg and	⊙	△				⊙	△						△	△																	
163	8307	ple brn wht arg and	⊙	△		·			○																								
170	8314	wht s-sil bx	⊙	△		⊙																											
177	8321	ple brn gry-lgt gry vs-sil and?(bx)	⊙	△															○														
181	8325	ple brn wht m-arg m-sil and	⊙						△										△														
185	8329	ple brn xht Al-sil and				△			·										⊙														
186	8330	ple brn wht s-sil, Al and	⊙	△															⊙														
225	8400	m-sil and(ple gry)				○						△			⊙	·											·	△					
231	8406	s arg and(wht)				⊙			○		△	△																					
243	8418	s-arg and(wht)				⊙			○		△	△																					
247	8422	s-arg and				⊙			△		·				⊙	△																	
258	8433	s-arg and		△		⊙			⊙																								
268	8443	s-arg and				⊙									○	○																	
291	8466	arg and(wht)				⊙														⊙								·				△	
292	8467	s-arg dio				⊙		△	△		△																						
293	8468	m-arg?w-sil and(ylw) limo				⊙									○	△																	
294	8469	m-s arg and(ple brn-wht) w-limo				⊙														⊙													
295	8470	s-arg?w-sil(ple brn-wht) s-limo				⊙														○													
316	7727	s-sil, s-arg fng tf				⊙					△				⊙																		
319	7730	VS-arg mdg tf				⊙									△											⊙							
335	7746	w-m arg dio, wht				⊙									○																		
336	7747	Qtz+epi v, W=15cm				·							○													⊙							
344	7902	m-sil, wk-arg, tf				⊙					○				○	·																	
351	7910	m-sil, m-arg, tf				⊙					○				○	·																	
359	7918	m-sil, m-arg tf				⊙					○				⊙																		
361	7920	s-sil s-arg(aln?)				⊙					○				△																		
367	7707	m-arg, m-sil fng tf				⊙					○																						
368	7708	s-arg, fng tf(wht)				⊙		△			△		△																				
410	7803	vs-sil brc, limo, aln? W=10				⊙																											
414	7807	wk-sil brc W=1.5m s-limo,m-arg				⊙			·																								
432	7825	volbx? S-arg wk-sil, wk limo				⊙					○																						
434	7827	10m s-arg, w-m-sil				⊙														△													
435	7828	s-sil m-arg bx zone, Ba Aln v				○															⊙												
439	7832	w40c limo m-sil v				⊙			△		△																						
490	7887	vs-arg-fng tf (wht)				⊙			△		△																						
517	8015	brc sil v W=30cm				⊙			⊙		△													△									
519	8017	brc sil v W=30cm				⊙					○																						
521	8019	VS-sil hyd brc				⊙																											
523	8021	W=50cm hyd brc, with Ba				⊙																		△									
524	8022	v-sil hyd brc, mtrx aln?				⊙														⊙													
528	8026	s-sil hyd brc, limo				⊙																											
529	8027	vs-sil hyd brc msv wht				⊙																											
533	8031	m-s arg an, limo v-let				⊙		○	○																								
535	8033	vs-sil hyd brc				⊙														○													
544	8042	50cm sil brc & Q				⊙									△																		
546	8044	3m wk sil propy				⊙		·							△											△							
550	8048	30cm sil+limo v				⊙			△		△				⊙																		
560	8058	m-s arg fng tf				⊙									⊙																		

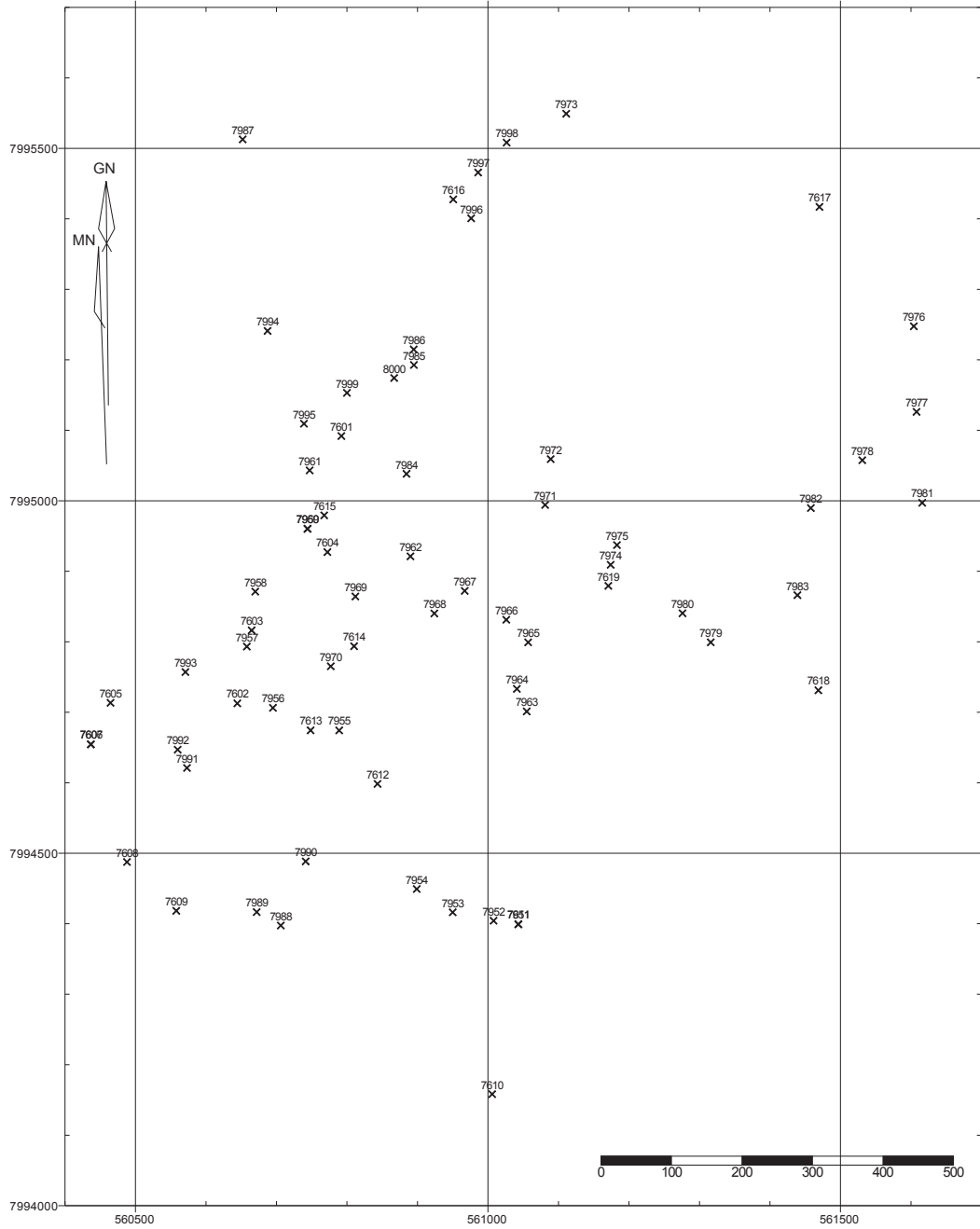
Appendix 4-2 Results of X-ray diffraction Analysis

Serial No.	Sample No.	Field name of Rock	Cr	Tr	Amor	Qz	Will	Smc	Kao	Hall	Ser	Pph	Chl	S/S	Pl	Kf	Bt	Ep	Al	Na-a	Jar	Pg	Bar	Gy	Cal	Py	Mt	Rt	At	Ti	8.0 40.3	11	
813	MJBO-1- 15m	red brn wht an	⊙	○	.				△										△														
814	MJBO-1- 30m	red brn an	⊙	△	.				○										△							.							
815	MJBO-1- 45m	ple brn~ple brn wht an	⊙	.	.				△										○														
816	MJBO-1- 60m	ple brn wht an	○		⊙														△														
817	MJBO-1- 75m	plr brn wht an	○		○														⊙														
818	MJBO-1- 90m	gry brectd an	⊙					⊙	○					△	△											△							
819	MJBO-1- 105m	drk gry tf bx~lptf	⊙		.			⊙	○					.												△							
821	MJBO-1- 120m	gry~drk gry tfbx~lptf			⊙			⊙	○											○						△							
822	MJBO-1- 135m	gry lptf(~tfbx)			⊙								○							△						△							
823	MJBO-1- 150m	grn gry tf	⊙		.			⊙	△		△															△							
824	MJBO-1- 165m	lgt gry an	⊙		△								○	○	△											△							
825	MJBO-1- 180m	gry an			⊙								○													△						.	
827	MJBO-1- 195m	ple brn gry an			⊙									○												△							
829	MJBO-1- 210m	ple brn wht bx			⊙															○						△						.	
830	MJBO-1- 215m	ple brn wht py bx			⊙				⊙											△						△						.	
831	MJBO-1- 219.1m	precipitated silica			⊙															⊙						△						.	
832	MJBO-1- 225m	wht(gry) vs-sil rock			⊙															△						.						.	
834	MJBO-1- 240m	gry fault zone			⊙									○						.						△					.	.	
835	MJBO-1- 255m	(drk)gry hydbx			⊙				△											○						△							
836	MJBO-1- 270m	grn gry an			⊙						△															△							
837	MJBO-1- 285m	lgt gry~gry bi an			⊙					△	.				△											△							
839	MJBO-1- 290.9m	grn gry bi sn			⊙			△		.					⊙	△										△							
840	MJBO-1- 300m	fault zone			⊙						△															△							
841	MJBO-2- 14.5m	plre brn wht dio			⊙				△		○				.	.																	
842	MJBO-2- 30m	gry dio			○	△		.						⊙	○												△						
843	MJBO-2- 45m	gry dio			⊙				△	.					⊙	△										.	△						
844	MJBO-2- 60m	gry dio			⊙	△		.							⊙	○										△	△						
845	MJBO-2- 75m	lgt gry dio			⊙				△	.					⊙	△										△							
846	MJBO-2- 90m	lgt gry dio			⊙				△	○					⊙	△										△							
847	MJBO-2- 104.8m	grn gry hb dio			⊙				△	.					⊙											△	△						
848	MJBO-2- 120m	grn gry dio			⊙					△					⊙	○										.							
849	MJBO-2- 135m	grn gry hb dio			⊙			.		○																.							
850	MJBO-2- 150m	grn gry dio			⊙			.		○																△							
852	MJBO-2- 165.1m	grn gry dio			⊙			.		○					△	.										△							
853	MJBO-2- 180m	lgt gry dio			⊙					○										.						△							
854	MJBO-2- 193m	gry wht dio			⊙			.		.										○						△						.	
855	MJBO-2- 210m	grn gry dio			⊙				△		△				⊙	○										.							
856	MJBO-2- 225m	grn gry dio			⊙			.		.					△											.							
858	MJBO-2- 240m	grn gry dio			⊙				△		△				⊙	○										.							
859	MJBO-2- 255m	grn gry dio			⊙					.					△											.							
861	MJBO-2- 265m	grn drk gry hb-bi an			○			.		.					△					⊙	○						△						
862	MJBO-2- 285m	grn gry dio			⊙										△					⊙	○						△						
863	MJBO-2- 300m	grn gry dio			⊙										△					⊙	○					△							

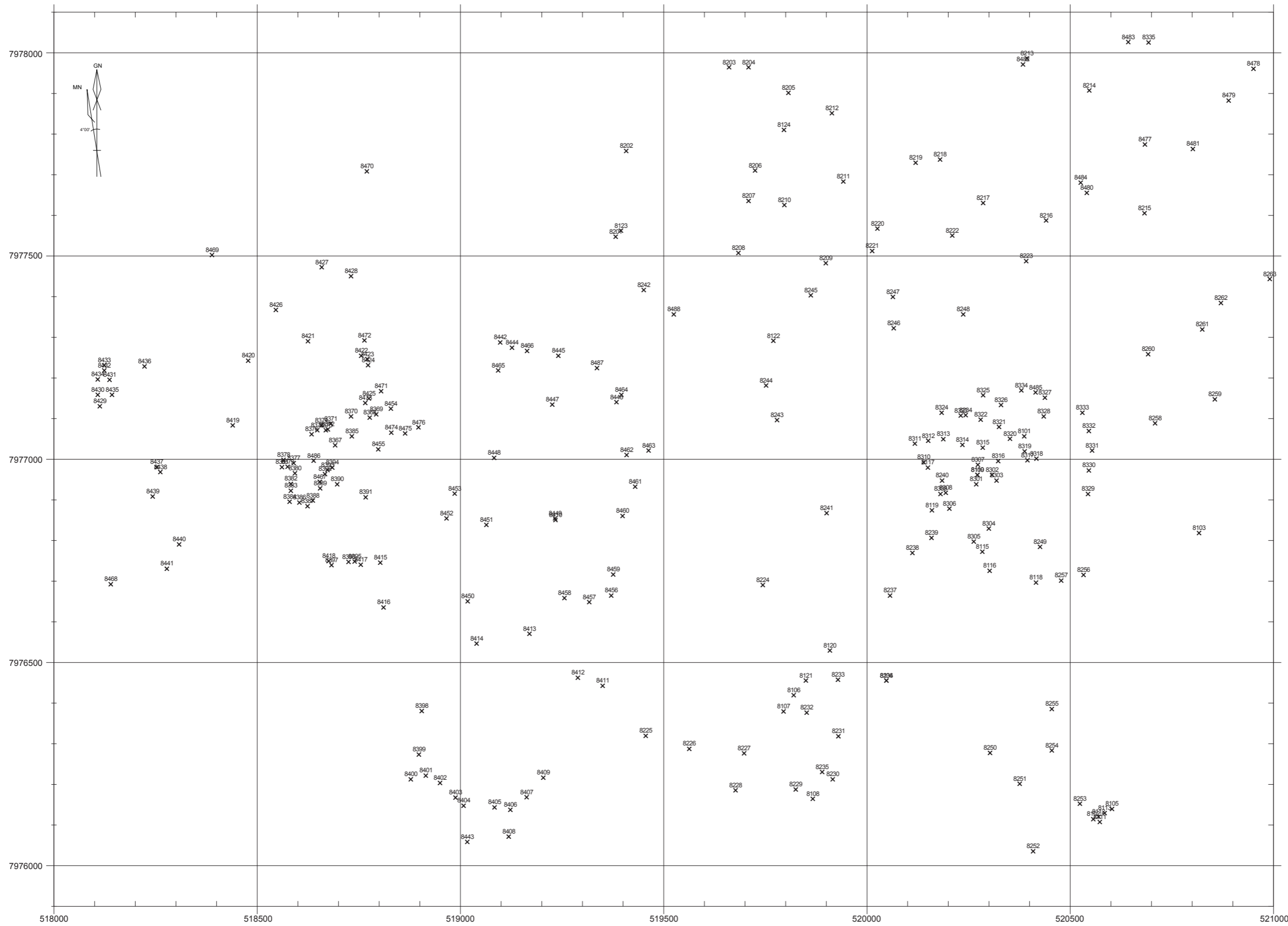
Appendix 4-2 Results of X-ray diffraction Analysis



Appendix 5  
Sample Locality

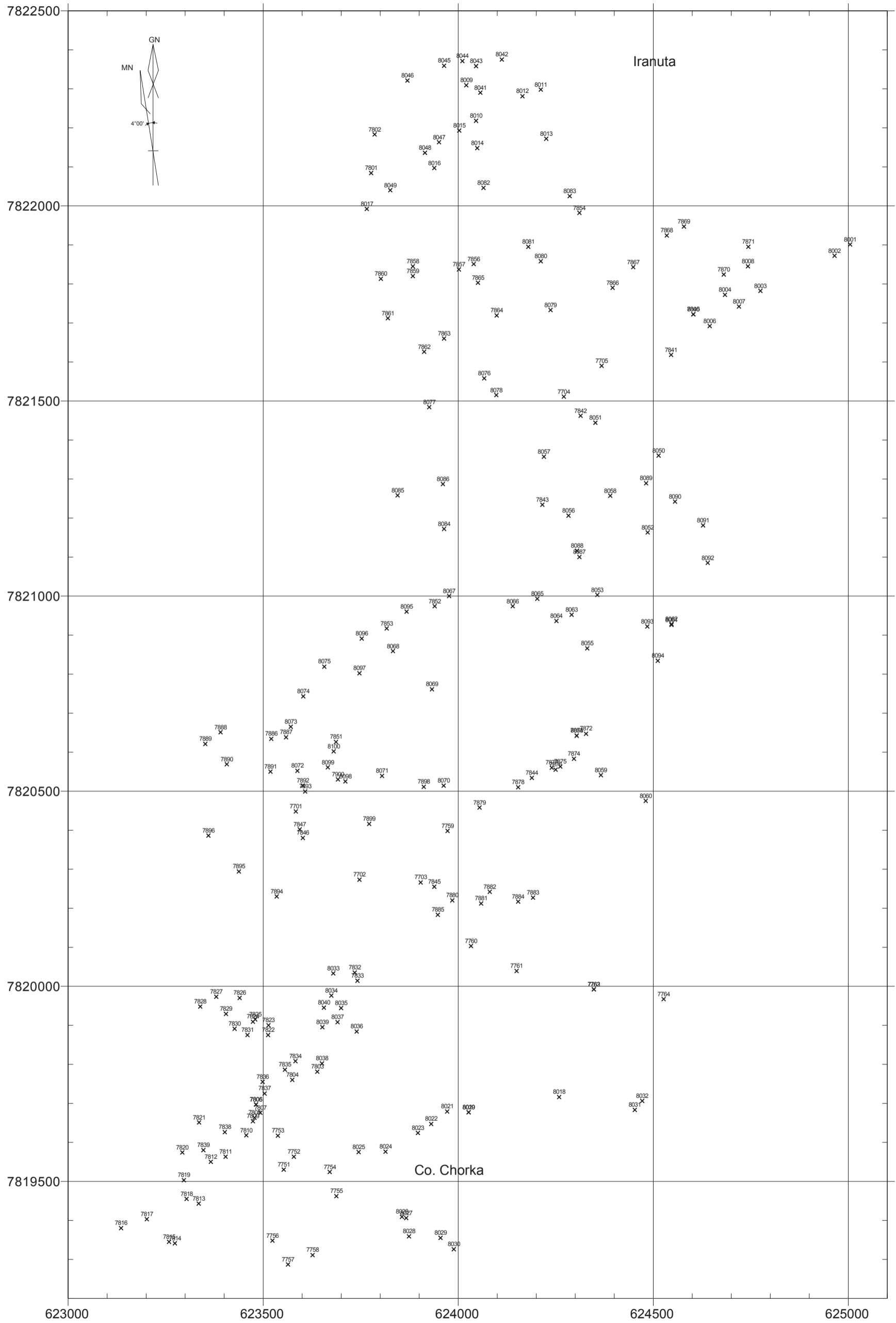


Appendix 5-1 Sample Locality (Turaquiri District)



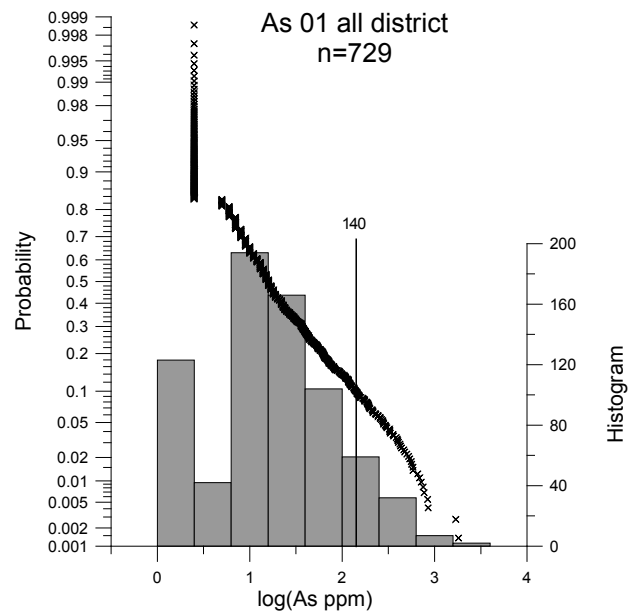
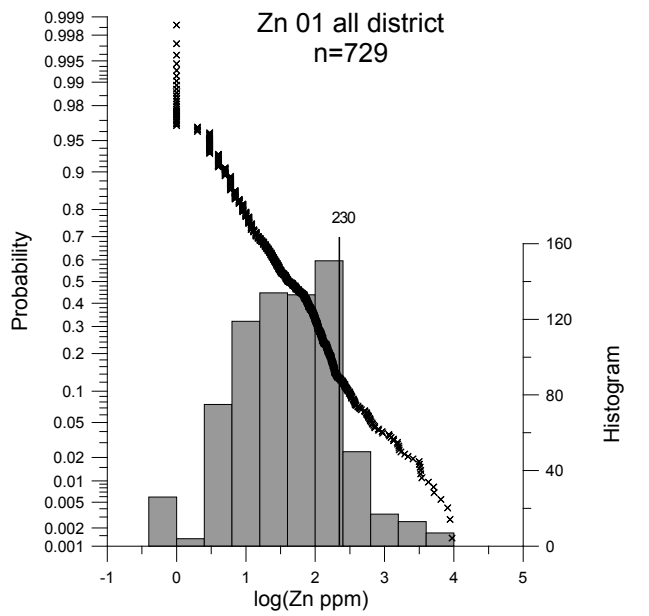
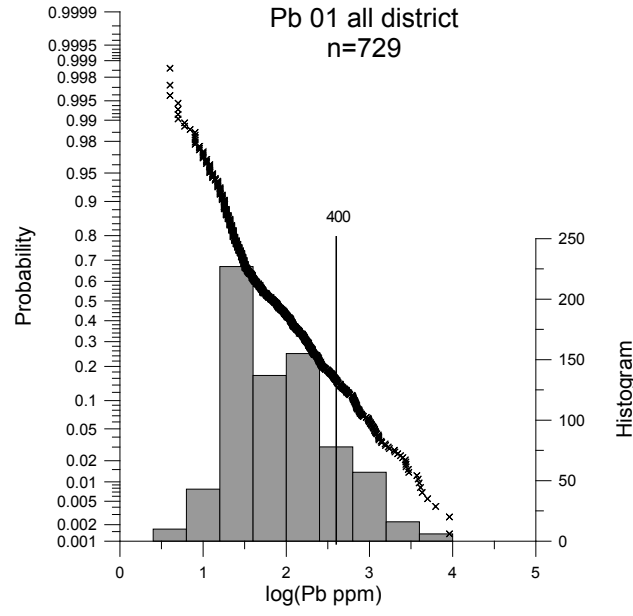
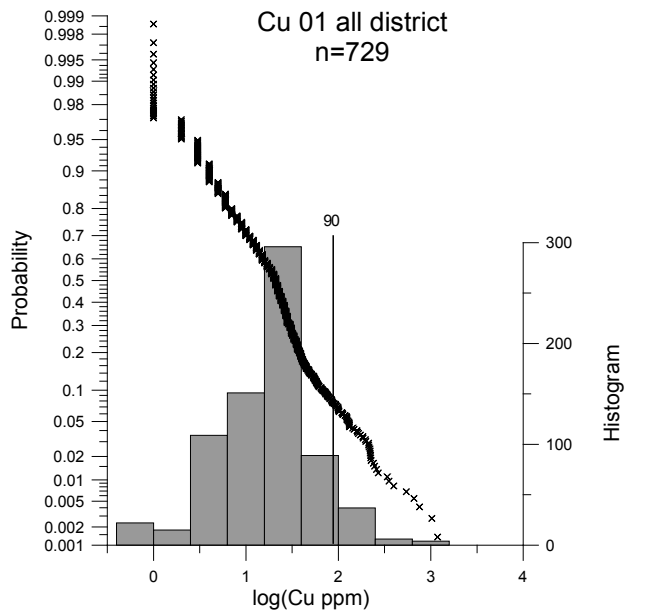
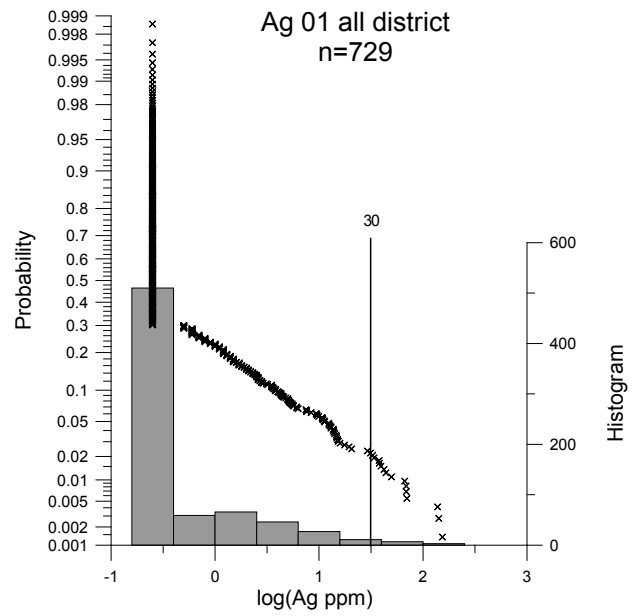
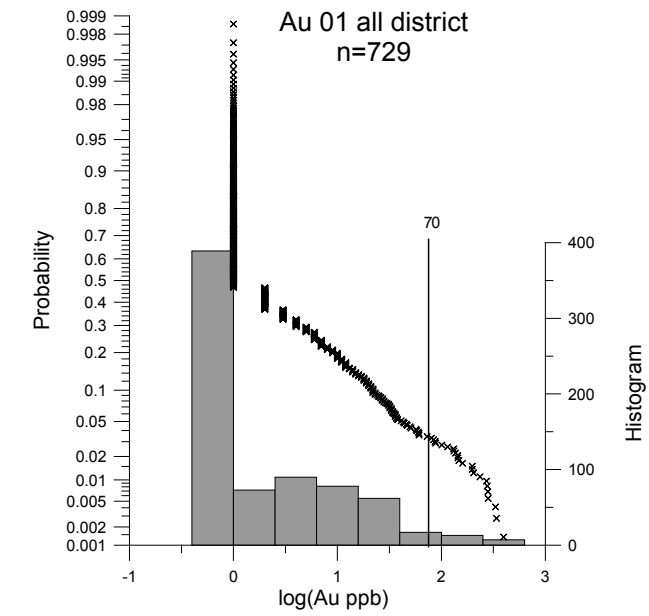
Appendix 5-2 Sample Locality (Chullcani District)

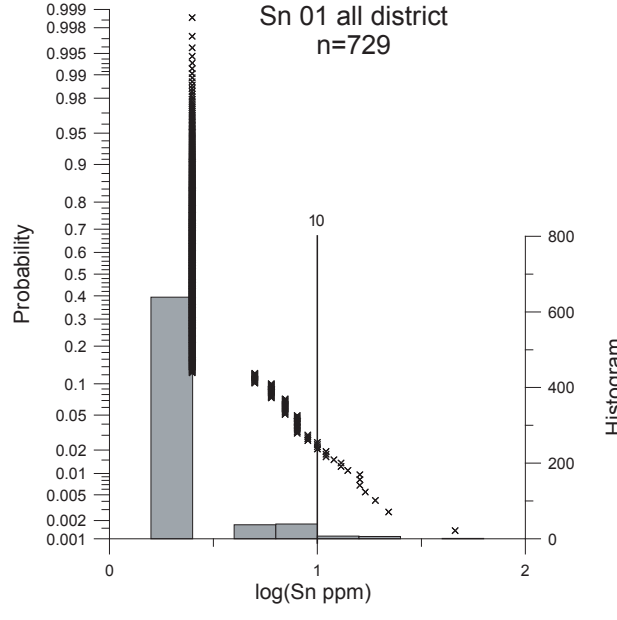
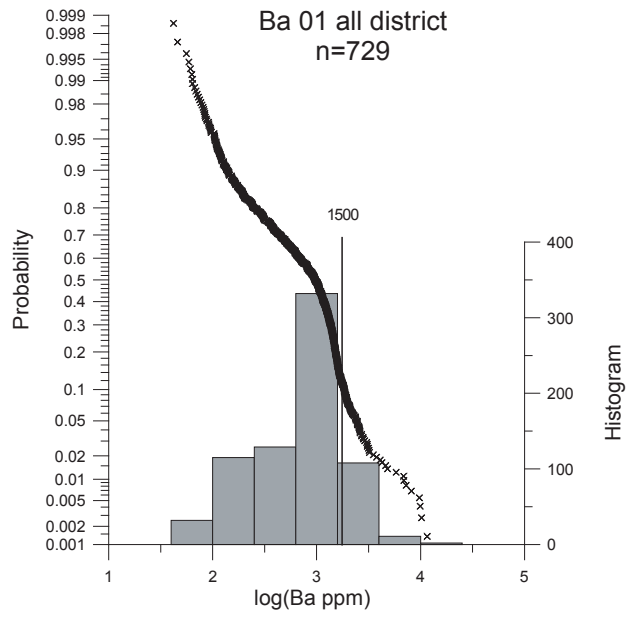
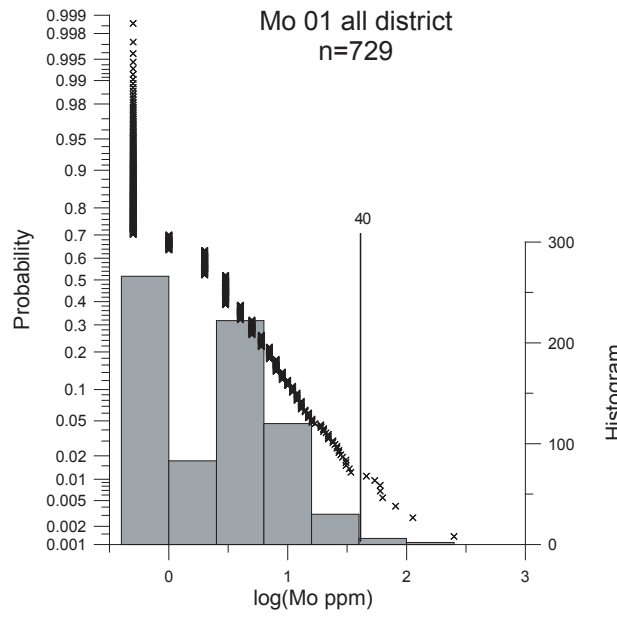
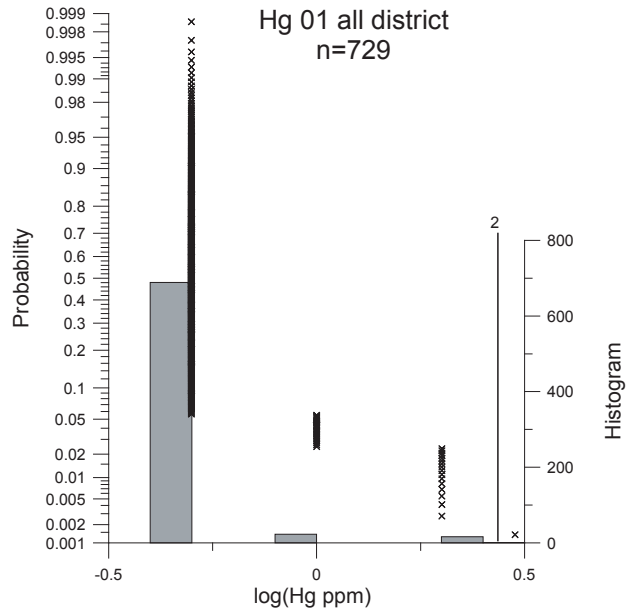
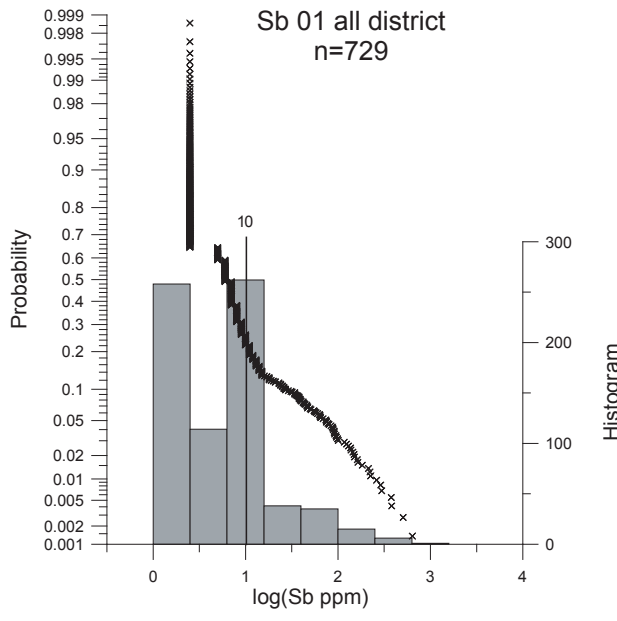




Appendix 5-4 Sample Locality (Mendoza District)

Appendix 6  
Assay Results of Rock Samples





Appendix 6-1 Summary of the result of the Geochemical Analysis



Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
1	7601	<2	<5	10	41	122	9	10	<1	<1	1770	<5
2	7602	<2	<5	12	60	98	<5	8	<1	<1	1550	<5
3	7603	<2	14.6	43	328	3161	10	13	<1	3	1054	<5
4	7604	2	31.3	35	140	3317	9	39	<1	9	1318	<5
6	7606	<2	138.1	161	4312	5124	26	21	<1	<1	2467	<5
7	7607	<2	19.4	62	4984	942	31	8	<1	1	1501	<5
8	7608	<2	<5	17	39	98	<5	11	<1	<1	1692	<5
9	7609	4	<5	7	27	14	<5	10	<1	3	1034	<5
20	7951	<2	2.6	35	297	1185	7	9	<1	2	1660	<5
21	7952	<2	5	25	1401	1240	17	32	<1	<1	158	8
22	7953	<2	<5	9	29	74	<5	11	<1	2	1336	<5
23	7954	<2	<5	12	35	70	<5	9	<1	<1	1281	<5
24	7955	<2	1.1	15	293	164	6	8	<1	<1	2707	<5
25	7956	<2	<5	4	32	43	6	8	<1	<1	1577	<5
26	7957	<2	<5	9	31	70	<5	8	<1	<1	1414	<5
27	7958	<2	<5	24	24	94	<5	11	<1	<1	1343	<5
29	7960	<2	8.4	58	975	5179	16	7	<1	<1	358	<5
30	7961	<2	3.5	38	241	671	24	8	<1	<1	451	<5
31	7962	2	39.3	398	9144	3446	17	<5	<1	<1	4611	<5
33	7964	5	1.1	3	39	263	401	14	<1	2	3200	<5
34	7965	5	13	51	127	1350	72	5	<1	4	2591	<5
36	7967	2	33.8	4	130	433	23	14	<1	<1	1061	<5
37	7968	<2	66.8	111	1154	186	15	8	<1	4	4799	<5
38	7969	<2	<5	4	59	146	5	13	<1	<1	2306	<5
39	7970	4	13.9	17	96	813	10	23	<1	5	120	<5
40	7971	<2	<5	3	30	589	421	11	<1	3	1214	<5
41	7972	<2	<5	3	31	587	6	8	<1	1	1540	<5
42	7973	<2	<5	5	70	23	28	5	<1	13	1003	<5
43	7974	33	1.6	<2	29	609	304	13	<1	7	1053	<5
44	7975	25	4.1	3	956	662	584	11	<1	13	1237	<5
45	7976	<2	<5	101	23	52	5	8	<1	3	1148	<5
47	7978	4	1.9	16	54	354	175	7	<1	3	3072	<5
48	7979	339	7.6	118	1052	6491	266	10	<1	8	6856	<5
49	7980	46	1.7	19	2751	8795	176	11	<1	26	1370	<5
50	7981	14	6.3	4	1090	150	50	8	<1	7	1567	<5
51	7982	20	4.3	36	1299	314	146	9	<1	11	2797	<5
53	7984	<2	3.5	<2	20	42	11	12	<1	2	308	<5
55	7986	<2	<5	5	36	387	475	14	<1	<1	1489	<5
57	7988	<2	<5	6	26	37	5	10	<1	<1	1188	<5
58	7989	<2	13.7	221	748	2574	18	8	<1	<1	9735	<5
59	7990	<2	<5	16	23	43	7	8	<1	<1	1094	<5
60	7991	<2	<5	6	50	128	<5	9	<1	<1	1515	<5
61	7992	3	5.5	66	502	1953	78	<5	<1	<1	2212	<5
62	7993	<2	153.5	220	2697	1620	22	24	<1	8	6892	<5
63	7994	3	0.7	10	60	99	<5	11	<1	<1	1336	<5
64	7995	<2	<5	16	58	97	<5	10	<1	<1	1433	<5
65	7996	<2	2	33	80	23	7	12	<1	4	1155	<5
66	7997	<2	<5	7	73	119	<5	6	<1	2	1298	<5
67	7998	<2	0.9	6	44	43	<5	9	<1	<1	1566	<5
68	7999	<2	<5	11	57	149	<5	13	<1	<1	1610	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
69	8000	2	69.9	132	1186	9409	258	15	<1	<1	11570	<5
94	8201	14	1.8	19	44	<2	42	7	<1	5	3150	<5
95	8202	<2	1.4	14	119	9	53	9	<1	10	1064	<5
96	8203	<2	<5	7	5	11	10	<5	<1	2	1466	<5
97	8204	<2	<5	6	32	11	10	7	<1	1	747	6
98	8205	<2	1.5	100	18	19	98	15	<1	8	1849	12
99	8206	<2	<5	39	30	18	19	6	<1	2	153	<5
100	8207	<2	<5	27	16	9	27	5	<1	2	1299	<5
101	8208	<2	<5	23	19	9	11	9	<1	3	1482	<5
102	8209	<2	<5	30	26	9	14	8	<1	<1	241	<5
103	8210	<2	<5	23	87	13	8	6	<1	2	1505	<5
104	8211	<2	<5	12	22	5	10	7	<1	<1	1194	<5
105	8212	<2	<5	26	38	12	15	<5	<1	2	1384	<5
106	8213	<2	<5	9	4	9	17	<5	<1	1	1844	<5
107	8214	<2	<5	46	34	40	63	9	<1	<1	1413	<5
108	8215	<2	<5	12	32	18	13	8	<1	<1	1596	<5
109	8216	<2	<5	4	12	9	20	<5	<1	1	1754	<5
110	8217	<2	<5	6	21	7	14	<5	<1	<1	1503	<5
111	8218	<2	<5	4	30	12	6	<5	<1	<1	1626	<5
112	8219	<2	<5	5	25	9	8	6	<1	<1	1008	<5
113	8220	<2	<5	8	39	15	27	7	<1	<1	1058	<5
114	8221	<2	<5	3	34	7	<5	<5	<1	<1	907	<5
115	8222	<2	<5	21	28	15	20	7	<1	3	640	<5
116	8223	<2	<5	17	42	19	29	10	<1	<1	1295	<5
117	8224	4	<5	4	404	6	<5	7	<1	4	1534	17
118	8225	88	4.4	7	15	9	15	<5	<1	10	2897	<5
119	8226	23	<5	<2	77	19	<5	6	<1	<1	1222	<5
120	8227	<2	<5	3	27	4	15	9	<1	2	1135	<5
121	8228	<2	<5	<2	21	9	16	9	<1	<1	970	<5
122	8229	<2	<5	6	16	3	<5	<5	<1	8	1090	<5
123	8230	41	0.5	26	53	6	36	24	<1	8	3079	7
124	8231	<2	<5	18	23	81	<5	8	<1	<1	1597	<5
125	8232	<2	<5	11	24	16	<5	7	<1	<1	1716	<5
126	8233	<2	<5	19	21	11	<5	6	<1	<1	1805	<5
127	8234	<2	<5	10	19	23	<5	8	<1	<1	1630	<5
128	8235	<2	<5	4	21	12	44	<5	<1	2	1680	<5
129	8236	<2	<5	7	21	9	<5	10	<1	<1	1989	<5
130	8237	<2	<5	8	28	9	<5	5	<1	5	1211	<5
131	8238	<2	<5	25	29	28	7	10	<1	<1	311	<5
132	8239	<2	<5	41	42	14	<5	8	<1	2	1408	7
133	8240	<2	<5	3	8	8	8	<5	<1	5	1049	<5
134	8241	<2	<5	28	39	12	15	7	<1	2	1634	<5
135	8242	<2	<5	22	31	24	<5	12	<1	<1	1064	<5
136	8243	<2	<5	28	31	22	54	<5	<1	2	111	<5
137	8244	<2	<5	10	10	14	11	<5	<1	4	514	<5
138	8245	<2	<5	26	18	11	6	5	<1	<1	1424	<5
139	8246	<2	<5	40	19	18	114	<5	<1	4	127	<5
140	8247	<2	<5	12	40	4	18	7	<1	<1	1444	<5
141	8248	<2	<5	13	11	25	23	<5	<1	2	2478	<5
142	8249	<2	<5	6	241	5	6	5	<1	<1	1228	19

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
143	8250	<2	<5	5	4	<2	9	<5	<1	5	2376	<5
144	8251	<2	<5	23	23	6	6	7	<1	1	1665	<5
145	8252	<2	<5	15	28	6	<5	<5	<1	<1	198	<5
146	8253	<2	<5	9	32	18	<5	<5	<1	<1	452	<5
147	8254	<2	<5	5	43	4	5	<5	<1	1	691	7
148	8255	<2	<5	15	19	12	5	7	<1	<1	1545	<5
149	8256	<2	<5	6	72	6	<5	<5	<1	<1	886	<5
150	8257	<2	<5	35	21	12	10	<5	<1	<1	1188	<5
151	8258	<2	<5	4	48	11	<5	7	<1	<1	1768	5
152	8259	<2	<5	16	39	32	16	<5	<1	6	1776	<5
153	8260	<2	<5	54	61	77	274	<5	<1	4	243	<5
154	8261	<2	<5	22	27	37	188	9	<1	12	1455	8
155	8262	<2	<5	13	47	13	8	7	<1	<1	1863	<5
156	8263	<2	<5	14	42	26	40	<5	<1	3	2062	<5
157	8301	<2	<5	3	701	29	6	<5	<1	6	773	<5
158	8302	<2	<5	6	27	14	<5	<5	<1	7	707	<5
159	8303	<2	<5	31	247	22	16	11	2	6	2613	<5
160	8304	<2	<5	2	121	13	16	<5	<1	<1	1623	<5
161	8305	<2	<5	27	16	21	<5	6	<1	<1	1427	<5
162	8306	<2	<5	6	17	50	<5	5	1	<1	1892	<5
163	8307	<2	<5	15	17	9	5	<5	<1	<1	2080	<5
164	8308	<2	1.7	24	711	10	158	10	1	11	1054	5
165	8309	<2	<5	3	12	25	13	<5	<1	7	1125	<5
166	8310	<2	<5	86	5	17	30	<5	<1	5	2173	<5
167	8311	<2	<5	26	133	16	30	<5	<1	6	1510	<5
168	8312	<2	<5	33	34	10	22	<5	<1	7	2087	<5
169	8313	<2	<5	17	13	48	17	<5	<1	<1	1385	<5
170	8314	<2	<5	21	22	22	11	<5	<1	2	1742	<5
171	8315	<2	<5	18	104	7	13	<5	<1	<1	579	<5
172	8316	<2	<5	19	186	27	7	<5	<1	<1	344	<5
173	8317	2	3.2	10	24	11	27	<5	<1	11	1026	<5
174	8318	2	1.8	48	112	33	88	<5	<1	2	1150	<5
175	8319	3	3.8	18	165	7	65	9	1	10	1305	<5
176	8320	<2	<5	15	207	24	41	<5	<1	<1	136	<5
177	8321	<2	<5	44	77	12	13	<5	<1	1	290	<5
178	8322	<2	<5	35	85	9	16	<5	<1	2	452	<5
179	8323	<2	<5	50	159	11	21	<5	<1	2	278	<5
180	8324	<2	<5	43	61	16	41	<5	<1	3	151	<5
181	8325	<2	<5	53	21	11	6	8	<1	<1	184	<5
182	8326	<2	<5	65	70	8	18	6	<1	2	237	<5
183	8327	<2	<5	32	131	6	11	7	<1	<1	1869	<5
184	8328	<2	2.5	85	165	4	105	13	<1	26	875	7
185	8329	<2	<5	4	52	14	7	10	<1	<1	1075	<5
186	8330	<2	<5	10	78	5	12	9	<1	<1	1307	5
187	8331	<2	<5	2	313	3	<5	8	<1	<1	1083	11
188	8332	<2	0.8	59	57	3	72	13	<1	4	1904	22
189	8333	<2	0.7	124	103	21	327	35	<1	2	141	<5
190	8334	<2	<5	109	22	7	7	6	<1	<1	1096	<5
191	8335	<2	<5	47	17	80	66	<5	<1	3	164	<5
192	8367	4	<5	42	26	173	<5	12	<1	<1	1389	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
193	8368	7	1.1	15	751	85	171	11	<1	9	593	<5
194	8369	37	<5	12	185	20	8	<5	<1	20	811	<5
195	8370	10	<5	27	32	190	<5	9	<1	8	1488	<5
196	8371	3	<5	18	31	125	<5	5	<1	1	1438	<5
197	8372	21	<5	32	30	128	<5	13	<1	3	1628	<5
198	8373	36	<5	45	25	78	9	11	<1	3	1485	<5
199	8374	9	<5	31	58	80	18	5	<1	6	1048	<5
200	8375	3	<5	8	21	187	14	9	<1	15	956	6
201	8376	7	<5	81	23	173	<5	11	<1	4	1708	<5
202	8377	10	2.3	14	101	5	38	<5	<1	7	292	<5
203	8378	272	1.4	23	392	7	26	<5	<1	46	8144	<5
204	8379	204	1.6	20	1111	6	40	7	<1	25	1233	<5
205	8380	31	1.3	13	120	<2	14	<5	<1	29	334	<5
206	8381	137	0.7	9	114	3	9	<5	<1	22	160	<5
207	8382	43	1.4	25	245	7	37	<5	<1	8	1600	<5
208	8383	34	<5	6	386	8	7	8	<1	15	1313	<5
209	8384	26	<5	12	369	4	9	7	<1	5	1387	<5
210	8385	7	<5	76	28	159	<5	8	<1	<1	1286	<5
211	8386	280	1.2	12	30	<2	<5	<5	<1	12	2365	<5
212	8387	32	1	15	689	2	16	7	<1	5	1384	5
213	8388	33	<5	16	546	<2	12	6	<1	19	1111	<5
214	8389	132	2.6	28	413	12	22	<5	<1	13	87	<5
215	8390	10	<5	10	181	3	9	7	<1	12	225	<5
216	8391	11	<5	24	108	18	17	<5	<1	60	693	<5
217	8392	12	<5	22	257	5	15	<5	<1	7	2259	<5
218	8393	9	<5	17	668	7	8	7	<1	7	1752	<5
219	8394	7	<5	25	119	4	8	<5	<1	12	718	<5
220	8395	101	<5	54	999	37	<5	<5	<1	20	109	<5
221	8396	15	<5	31	203	21	44	<5	<1	81	513	<5
222	8397	44	<5	32	1024	34	8	<5	<1	31	1178	7
223	8398	5	<5	37	80	114	<5	7	<1	4	2214	<5
224	8399	2	<5	21	38	88	<5	7	<1	3	1578	<5
225	8400	3	<5	16	60	148	<5	9	<1	3	1545	<5
226	8401	9	<5	5	36	52	<5	7	<1	5	1496	<5
227	8402	7	<5	26	69	40	<5	7	<1	3	1444	<5
228	8403	5	<5	30	46	60	9	8	<1	2	1568	<5
229	8404	19	<5	6	580	3	7	5	<1	7	1028	<5
230	8405	2	<5	<2	71	<2	6	<5	<1	3	1410	<5
231	8406	2	<5	5	52	16	15	8	<1	4	1265	<5
232	8407	3	<5	3	156	<2	7	7	<1	3	1475	<5
233	8408	<2	<5	2	126	<2	6	9	<1	3	1382	<5
234	8409	21	<5	<2	641	<2	22	11	<1	13	1589	9
235	8410	282	0.5	4	446	<2	22	9	<1	2	1669	<5
236	8411	36	<5	<2	171	2	<5	7	<1	2	1554	<5
237	8412	7	<5	3	233	<2	10	<5	<1	5	1329	<5
238	8413	12	<5	<2	156	6	13	<5	<1	22	1358	<5
239	8414	10	<5	8	52	23	10	<5	<1	14	204	<5
240	8415	20	<5	34	114	232	5	8	<1	3	1841	<5
241	8416	61	<5	31	970	108	19	<5	<1	24	1133	11
242	8417	12	<5	13	694	30	13	5	<1	6	2023	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
243	8418	8	1.2	4	364	26	14	<5	<1	3	1200	<5
244	8419	144	2	43	349	12	200	18	<1	5	2548	<5
245	8420	13	0.9	17	75	38	16	5	<1	5	1013	<5
246	8421	2	<5	15	122	20	17	<5	<1	3	1990	<5
247	8422	14	<5	87	44	92	17	10	<1	24	1559	8
248	8423	22	0.6	36	242	15	18	5	<1	11	974	<5
249	8424	21	0.6	22	206	16	34	6	<1	9	1735	<5
250	8425	58	0.6	57	531	22	14	<5	<1	28	1418	<5
251	8426	<2	<5	6	34	10	13	6	<1	3	1710	<5
252	8427	37	1.1	8	447	6	32	<5	<1	8	904	<5
253	8428	73	<5	28	258	53	64	<5	<1	22	1902	<5
254	8429	11	0.6	10	337	4	60	<5	<1	6	3025	<5
255	8430	2	<5	4	102	11	15	10	<1	<1	2704	<5
256	8431	2	1.2	7	24	6	13	<5	<1	4	457	<5
257	8432	3	2.1	4	47	<2	10	<5	<1	7	386	<5
258	8433	2	<5	15	24	10	22	5	<1	<1	687	<5
259	8434	5	2.7	14	147	7	49	7	<1	8	433	<5
260	8435	28	1.2	11	34	11	30	<5	<1	6	482	<5
261	8436	7	<5	30	210	19	44	8	<1	<1	375	<5
262	8437	32	<5	20	406	11	14	<5	<1	3	929	<5
263	8438	20	5.1	8	250	6	8	7	<1	4	845	<5
264	8439	2	<5	8	26	6	9	<5	<1	6	315	<5
265	8440	2	<5	13	31	20	16	<5	<1	10	615	<5
266	8441	12	<5	27	79	27	13	6	<1	5	1936	<5
267	8442	3	<5	<2	77	<2	6	6	<1	5	1494	<5
268	8443	4	<5	20	78	15	<5	6	<1	4	1526	<5
269	8444	14	0.6	7	191	3	14	<5	<1	21	1470	<5
270	8445	20	<5	21	168	4	7	6	<1	2	1119	<5
271	8446	5	<5	4	69	5	10	7	<1	5	1575	<5
272	8447	<2	<5	5	74	3	5	7	<1	6	1259	5
273	8448	3	<5	20	101	6	14	6	<1	5	1248	<5
274	8449	12	<5	44	232	10	29	<5	<1	6	1567	<5
275	8450	396	2	49	76	23	22	9	<1	15	805	<5
276	8451	6	<5	100	9	24	6	<5	<1	8	318	<5
277	8452	6	<5	15	825	7	23	6	<1	7	1582	<5
278	8453	9	<5	40	407	11	18	<5	<1	11	1878	<5
279	8454	5	<5	9	44	<2	22	<5	<1	15	232	<5
280	8455	18	<5	26	364	8	14	6	<1	6	1454	<5
281	8456	7	<5	9	41	<2	14	<5	<1	4	1065	<5
282	8457	<2	<5	3	21	<2	7	5	<1	3	1565	<5
283	8458	22	<5	7	95	<2	21	8	<1	7	1402	<5
284	8459	<2	<5	9	25	28	6	7	<1	2	1627	<5
285	8460	15	<5	14	55	25	9	6	<1	5	1716	<5
286	8461	84	<5	5	114	<2	15	8	<1	10	1344	<5
287	8462	14	<5	6	65	7	7	<5	<1	4	1652	<5
288	8463	2	<5	2	102	5	8	10	<1	4	1319	<5
289	8464	<2	<5	31	32	119	<5	6	<1	2	1484	<5
290	8465	3	<5	6	152	<2	8	7	<1	7	1247	<5
296	8471	36	0.5	19	657	11	15	5	<1	63	1067	<5
297	8472	21	0.6	21	39	28	14	<5	<1	22	191	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
298	8473	29	0.5	16	350	14	13	<5	<1	16	1389	<5
299	8474	<2	<5	23	22	126	<5	7	<1	1	1354	<5
300	8475	4	<5	41	26	208	<5	8	<1	3	1514	<5
301	8476	<2	<5	18	23	26	8	7	<1	3	1950	<5
314	7725	2	<5	2	29	71	18	<5	<1	1	419	<5
315	7726	<2	<5	2	15	32	19	5	<1	4	1708	<5
316	7727	2	<5	2	11	28	9	<5	<1	3	1819	<5
317	7728	5	<5	33	21	100	53	<5	<1	1	534	<5
318	7729	<2	<5	2	16	148	10	<5	<1	<1	360	<5
319	7730	<2	<5	<2	8	19	<5	<5	<1	2	1091	<5
320	7731	<2	<5	<2	17	31	9	<5	<1	2	2394	<5
321	7732	<2	4.2	4	17	41	24	6	<1	<1	1025	<5
322	7733	<2	<5	5	15	84	9	<5	<1	<1	404	<5
325	7736	<2	2.2	56	1273	919	47	8	<1	<1	1642	<5
326	7737	2	<5	85	28	128	<5	<5	<1	2	687	<5
327	7738	<2	<5	36	17	55	15	<5	<1	6	424	<5
333	7744	2	<5	270	41	75	10	6	<1	<1	705	5
334	7745	<2	<5	21	30	151	9	6	<1	3	822	<5
335	7746	<2	<5	4	22	1726	16	<5	<1	1	3227	<5
337	7765	<2	<5	6	5	6	<5	<5	<1	10	408	<5
338	7766	<2	<5	9	16	33	13	5	<1	<1	804	<5
340	7768	<2	0.6	10	258	516	12	<5	<1	2	2612	<5
341	7769	<2	<5	4	166	297	<5	<5	<1	<1	2584	<5
342	7770	<2	<5	2	12	58	15	<5	<1	2	1978	<5
343	7901	2	<5	3	15	46	7	5	<1	2	1155	<5
344	7902	<2	<5	3	82	74	24	<5	<1	5	828	<5
346	7904	<2	<5	4	23	39	7	<5	<1	2	1586	<5
347	7905	<2	<5	4	30	100	15	<5	<1	3	2541	<5
348	7906	<2	<5	7	21	111	5	<5	1	<1	524	<5
349	7908	<2	<5	13	24	74	19	<5	<1	2	1658	<5
350	7909	<2	<5	3	7	29	<5	<5	1	1	473	<5
351	7910	<2	<5	<2	18	38	13	<5	<1	3	1047	<5
352	7911	<2	<5	<2	12	36	<5	<5	<1	2	1594	<5
353	7912	<2	<5	17	238	553	18	<5	<1	3	723	<5
354	7913	<2	<5	22	18	78	<5	<5	<1	<1	636	<5
355	7914	<2	<5	8	12	70	8	<5	<1	<1	752	<5
356	7915	<2	<5	<2	21	41	7	<5	<1	3	1598	<5
357	7916	<2	<5	<2	27	33	11	<5	<1	<1	1725	<5
358	7917	<2	<5	<2	18	27	6	<5	<1	2	1285	<5
360	7919	<2	<5	<2	17	47	6	<5	<1	1	1869	<5
361	7920	<2	<5	4	79	205	37	<5	<1	6	1006	<5
362	7921	<2	0.7	7	13	51	<5	<5	<1	1	386	<5
363	7922	2	<5	19	21	117	<5	<5	1	<1	770	<5
364	7923	2	<5	35	16	123	7	5	<1	<1	341	<5
365	7924	<2	<5	9	14	57	<5	<5	<1	3	1951	<5
366	7706	10	0.9	81	52	156	19	<5	<1	251	238	8
367	7707	9	3.7	49	199	67	13	<5	<1	31	621	8
368	7708	19	2.5	185	134	122	82	<5	<1	113	942	<5
369	7709	5	<5	90	52	245	15	<5	<1	3	356	6
370	7710	<2	0.9	213	31	77	6	12	<1	1	1172	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
371	7711	6	1.2	60	22	198	24	5	<1	20	1053	11
372	7712	8	2.1	54	457	160	27	6	<1	27	2125	6
373	7713	<2	<.5	58	21	213	5	<5	<1	6	1141	<5
374	7714	<2	<.5	42	68	170	9	<5	1	2	237	<5
375	7715	16	1.7	1025	25	1610	13	10	<1	1	198	<5
376	7716	<2	<.5	31	25	103	<5	<5	<1	<1	284	<5
377	7717	24	2.2	56	52	69	21	<5	<1	8	1274	8
378	7718	6	0.9	4	73	29	15	<5	<1	5	667	7
379	7719	2	<.5	51	27	108	<5	<5	<1	<1	1415	<5
380	7720	<2	<.5	223	15	96	<5	7	2	3	546	<5
381	7721	<2	<.5	124	8	32	20	<5	<1	3	456	<5
382	7722	4	0.8	93	704	284	10	<5	<1	2	365	8
383	7723	2	<.5	24	23	321	<5	<5	<1	2	1360	5
384	7724	<2	<.5	6	17	276	<5	<5	<1	1	1815	<5
387	7771	4	<.5	544	24	265	<5	7	<1	<1	388	<5
388	7772	<2	<.5	5	27	335	<5	7	1	1	724	<5
389	7701	2	<.5	56	66	9	43	7	<1	2	362	<5
390	7702	2	1.3	29	117	12	42	13	<1	3	209	<5
391	7703	2	3.8	143	276	6	585	39	2	3	720	<5
392	7704	<2	2.8	11	800	81	12	10	<1	<1	878	<5
393	7705	22	37.8	338	4105	105	842	377	<1	3	662	<5
394	7751	2	38.1	94	98	11	717	381	<1	27	1613	10
395	7752	<2	1.3	13	88	12	61	138	1	10	218	10
396	7753	11	1.7	51	24	8	751	47	<1	7	4095	6
397	7754	6	<.5	6	8	4	28	75	<1	6	192	<5
398	7755	12	4.3	21	1150	7	116	638	<1	19	377	46
399	7756	61	13	20	385	10	428	96	<1	8	267	8
400	7757	9	<.5	13	121	6	117	40	<1	16	494	7
401	7758	3	0.8	17	334	22	85	18	<1	7	226	6
402	7759	<2	<.5	15	18	68	<5	7	2	<1	639	<5
403	7760	147	10.7	72	115	8	122	89	<1	5	794	<5
404	7761	27	2.8	132	441	64	167	78	<1	5	1521	6
405	7762	<2	1	39	163	12	37	26	<1	4	457	5
406	7763	19	2.6	127	135	89	194	64	<1	4	748	10
407	7764	7	14.1	84	248	53	293	91	<1	7	861	7
408	7801	<2	1	22	470	2184	140	7	<1	3	677	<5
409	7802	3	<.5	4	26	144	<5	<5	<1	1	930	<5
410	7803	<2	0.7	6	325	16	64	222	1	9	9916	16
411	7804	<2	5.3	24	166	9	121	183	<1	8	1456	<5
412	7805	<2	14.8	14	247	<2	197	145	<1	8	653	<5
413	7806	<2	1.5	21	33	38	38	95	<1	5	176	<5
414	7807	<2	0.8	12	94	10	81	99	<1	6	494	<5
415	7808	2	10.9	10	89	6	65	130	<1	8	4251	16
416	7809	<2	<.5	4	10	4	13	51	<1	4	92	<5
417	7810	3	0.6	14	14	4	19	29	<1	9	364	<5
418	7811	5	13.8	34	377	12	139	508	<1	8	3765	13
419	7812	3	12.7	9	31	<2	64	74	<1	8	2464	8
420	7813	8	42.2	10	65	4	55	297	<1	17	1049	5
421	7814	2	20.6	3	18	3	11	34	<1	9	64	<5
422	7815	47	68.9	28	917	2	394	225	<1	15	419	9

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
423	7816	3	1.5	9	205	3	23	6	<1	12	194	9
424	7817	2	3.8	12	29	7	10	5	<1	10	218	<5
425	7818	23	44	10	774	10	110	162	<1	13	810	6
426	7819	4	29.1	9	160	24	42	64	<1	11	910	<5
427	7820	6	15.9	10	803	3	30	20	<1	6	389	10
428	7821	6	141.7	45	355	6	439	164	<1	16	1103	8
429	7822	<2	0.8	11	309	14	38	14	<1	5	231	<5
430	7823	12	1.5	6	36	6	25	25	<1	8	1452	<5
431	7824	10	2.3	224	259	20	522	14	<1	6	596	7
432	7825	<2	<.5	39	185	12	26	7	<1	3	572	5
433	7826	60	5.1	7	78	10	25	25	<1	6	10220	6
434	7827	115	6.1	21	446	76	216	24	<1	11	817	6
435	7828	198	32.7	58	452	40	211	18	<1	3	809	<5
436	7829	332	7.5	10	32	3	76	75	<1	9	105	<5
437	7830	25	11.3	5	80	3	99	149	<1	7	94	<5
438	7831	131	3.5	39	119	17	566	101	<1	34	511	5
439	7832	<2	<.5	99	45	71	175	6	<1	1	537	<5
440	7833	<2	<.5	28	157	17	83	9	<1	<1	121	5
442	7835	<2	5	19	232	6	149	214	<1	8	5815	5
443	7836	<2	5.4	173	563	11	385	84	<1	9	1977	<5
444	7837	<2	1	8	93	6	92	87	<1	7	238	<5
445	7838	6	9.4	22	142	13	195	290	1	11	1817	16
446	7839	6	49.7	14	1379	14	127	262	<1	10	2141	8
448	7841	<2	0.5	21	418	30	16	<5	<1	1	2358	<5
449	7842	<2	4.6	196	2184	3260	43	<5	<1	14	1042	<5
454	7847	276	3.1	24	223	11	67	31	<1	5	303	<5
455	7851	<2	<.5	3	217	<2	23	10	<1	4	290	9
456	7852	<2	<.5	6	319	<2	11	6	<1	5	556	<5
457	7853	<2	<.5	5	289	4	22	6	<1	4	618	<5
459	7856	<2	<.5	2	53	72	54	10	<1	1	567	<5
460	7857	<2	1	19	144	311	117	6	<1	3	144	<5
461	7858	<2	<.5	<2	13	39	17	<5	<1	1	155	<5
462	7859	<2	0.6	23	215	103	50	9	<1	3	92	<5
463	7860	<2	1	5	10	46	18	<5	<1	1	970	<5
464	7861	<2	<.5	6	12	102	<5	7	<1	<1	1145	<5
465	7862	<2	<.5	8	11	118	<5	5	<1	<1	760	5
466	7863	2	<.5	13	6	29	<5	<5	2	4	198	<5
467	7864	<2	<.5	4	53	337	40	8	<1	1	311	<5
468	7865	<2	<.5	7	31	175	28	7	<1	2	151	<5
469	7866	<2	<.5	<2	8	181	<5	6	<1	<1	634	<5
470	7867	<2	0.6	5	11	111	16	<5	2	<1	1346	<5
471	7868	2	1	24	1557	1628	29	12	1	1	949	<5
472	7869	27	68.7	55	1993	111	145	58	<1	8	140	14
473	7870	6	9.5	184	635	189	63	6	<1	3	2824	<5
474	7871	2	2.9	130	1287	314	58	10	<1	2	288	<5
475	7872	2	0.6	12	484	5	277	12	<1	2	831	7
476	7873	<2	<.5	3	295	2	146	13	<1	1	823	5
477	7874	<2	<.5	6	51	13	39	<5	<1	2	307	<5
478	7875	<2	<.5	9	133	12	58	11	<1	<1	454	<5
479	7876	<2	<.5	2	275	4	43	12	<1	<1	912	<5

Appendix 6-2 Assay Result of Rock samples



Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
480	7877	<2	<.5	18	614	39	229	10	<1	<1	1154	<5
481	7878	<2	<.5	48	175	8	12	7	<1	<1	470	<5
482	7879	7	0.8	36	260	81	360	26	<1	3	832	<5
483	7880	4	0.6	756	27	85	152	38	<1	4	229	6
484	7881	198	12.4	198	206	9	299	34	<1	6	499	<5
485	7882	6	0.8	657	183	36	107	19	<1	<1	492	<5
486	7883	28	3.6	39	683	71	216	47	<1	6	558	<5
487	7884	3	<.5	6	64	13	13	15	<1	5	144	<5
488	7885	2	1.4	259	31	14	38	18	<1	2	437	8
489	7886	<2	<.5	2	240	3	23	10	<1	2	947	<5
490	7887	2	0.6	10	15	11	19	8	<1	2	2106	<5
491	7888	<2	1.2	6	267	5	19	9	<1	3	954	7
492	7889	<2	<.5	28	210	6	7	9	<1	2	717	<5
493	7890	<2	<.5	4	191	7	16	9	<1	4	520	<5
494	7891	<2	<.5	9	245	10	40	16	<1	7	1461	<5
495	7892	<2	<.5	34	4	21	48	7	<1	2	387	<5
496	7893	<2	<.5	28	218	7	69	11	<1	3	370	<5
497	7894	27	6.1	20	89	8	25	21	<1	5	456	<5
498	7895	<2	2.8	5	206	6	10	6	<1	2	845	<5
499	7896	80	2.7	67	187	5	214	15	<1	19	494	<5
500	7898	<2	<.5	24	10	115	<5	5	2	<1	1384	<5
501	7899	3	3.6	79	147	25	355	46	<1	4	1245	<5
502	7900	<2	<.5	<2	29	3	8	<5	<1	<1	1071	<5
503	8001	<2	0.6	15	1064	30	53	13	<1	2	1245	<5
504	8002	3	1.4	73	1679	113	500	17	<1	11	113	<5
505	8003	12	<.5	131	479	76	232	8	<1	5	800	<5
506	8004	2	2.1	25	1223	29	109	10	<1	<1	134	<5
507	8005	11	0.6	33	421	92	244	7	<1	5	308	<5
508	8006	14	0.8	213	235	33	259	63	<1	5	525	<5
509	8007	7	2.6	221	1125	64	34	9	<1	<1	312	<5
510	8008	16	1.1	102	633	377	93	15	1	15	725	<5
512	8010	17	12.4	247	2503	547	1814	60	<1	5	350	8
513	8011	7	17.6	122	2967	373	328	37	<1	31	381	<5
514	8012	<2	5.6	124	2360	255	332	42	<1	60	153	6
515	8013	12	1.2	77	9137	4280	125	8	<1	7	1319	<5
516	8014	2	4	226	1297	1538	687	9	<1	3	623	<5
517	8015	2	10.8	353	6243	725	188	26	<1	5	1438	<5
518	8016	<2	0.6	15	395	558	43	50	<1	1	1428	<5
519	8017	6	1.7	148	3716	373	154	34	<1	3	585	6
520	8018	87	2.3	33	242	10	281	124	<1	5	71	<5
521	8019	38	2.6	19	105	15	47	80	<1	12	1299	<5
522	8020	4	1.3	6	19	6	8	14	<1	5	1145	<5
523	8021	35	1.5	8	134	<2	17	56	<1	12	7267	7
524	8022	2	<.5	3	19	9	7	11	<1	4	992	<5
525	8023	10	<.5	41	39	4	465	91	<1	13	312	<5
526	8024	160	1.5	39	121	11	184	151	<1	9	459	8
527	8025	<2	<.5	8	10	4	24	46	<1	9	69	<5
528	8026	10	0.8	38	28	20	58	44	<1	6	173	<5
529	8027	<2	<.5	5	3	<2	<5	17	<1	8	42	<5
530	8028	144	4.8	8	31	3	23	137	<1	4	1888	13

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
531	8029	57	1.8	31	5	<2	62	88	<1	16	119	6
532	8030	235	4.5	13	187	5	46	117	<1	6	567	6
533	8031	2	<.5	112	23	35	77	13	<1	3	622	<5
534	8032	2	<.5	12	69	5	18	38	<1	6	81	<5
535	8033	4	9.6	6	562	8	81	42	<1	8	268	7
536	8034	7	14.7	21	23	3	47	55	<1	4	1932	<5
537	8035	3	7.6	25	359	9	83	38	<1	9	266	7
538	8036	7	5.7	19	118	12	109	92	<1	4	404	7
539	8037	<2	15.3	32	52	8	117	65	<1	10	3514	7
540	8038	2	3.5	8	72	3	41	43	<1	4	955	6
541	8039	<2	2.4	27	212	30	71	27	<1	7	330	6
542	8040	3	15.1	7	46	4	46	27	<1	3	559	<5
543	8041	2	2.5	71	1542	3179	108	10	<1	4	818	<5
544	8042	6	9.9	215	2746	8143	245	11	<1	8	892	<5
546	8044	<2	<.5	33	58	169	<5	7	2	<1	1181	<5
548	8046	3	1.5	165	657	3324	117	8	<1	7	1094	<5
549	8047	<2	4.3	159	2747	1150	84	15	<1	2	2465	5
550	8048	2	5.2	96	1023	462	118	36	<1	3	674	<5
551	8049	2	2.4	131	1176	575	103	14	<1	6	388	<5
552	8050	<2	1.9	11	85	109	<5	23	<1	<1	1480	7
553	8051	<2	<.5	21	25	102	<5	<5	<1	<1	809	<5
554	8052	<2	<.5	6	19	99	<5	<5	<1	<1	1136	<5
555	8053	<2	0.5	<2	20	50	12	<5	<1	<1	173	<5
556	8054	3	1.1	40	214	26	1694	14	<1	4	145	<5
557	8055	2	1.1	8	31	20	39	11	<1	11	266	<5
558	8056	<2	<.5	3	8	23	12	6	<1	<1	82	<5
559	8057	2	0.7	5	172	91	19	8	2	<1	390	<5
561	8059	<2	<.5	2	78	246	25	<5	<1	<1	116	<5
562	8060	<2	<.5	6	191	69	62	15	<1	4	96	<5
563	8061	<2	0.8	2	38	79	18	<5	<1	<1	1244	<5
564	8062	<2	<.5	11	370	14	22	11	<1	7	479	<5
565	8063	<2	0.5	11	13	9	22	10	<1	4	67	<5
566	8064	2	<.5	62	114	65	191	13	<1	9	241	<5
567	8065	2	2	240	145	290	324	18	<1	12	64	<5
568	8066	18	1.2	6	57	3	15	69	<1	7	96	<5
569	8067	<2	0.6	10	262	7	100	9	<1	<1	581	<5
570	8068	2	<.5	6	13	134	<5	7	<1	<1	843	<5
571	8069	<2	0.5	7	30	116	<5	9	2	<1	975	<5
572	8070	<2	<.5	13	14	100	<5	5	1	1	1266	<5
573	8071	<2	<.5	15	19	94	<5	7	<1	<1	1132	<5
574	8072	3	0.5	13	407	14	68	12	2	1	903	6
575	8073	2	<.5	5	283	3	22	13	1	3	415	<5
576	8074	<2	<.5	7	284	5	61	7	<1	<1	930	<5
577	8075	2	<.5	99	241	10	50	14	<1	<1	162	<5
578	8076	<2	1.4	5	143	16	17	<5	<1	1	651	<5
579	8077	10	2.5	73	643	139	63	11	<1	3	183	<5
580	8078	<2	<.5	2	112	81	71	<5	<1	1	497	<5
581	8079	2	<.5	<2	19	523	14	<5	<1	<1	167	<5
582	8080	<2	<.5	4	50	69	16	11	<1	<1	79	<5
583	8081	11	0.7	10	87	129	32	<5	1	3	300	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
584	8082	<2	<5	4	25	112	7	5	<1	2	993	<5
585	8083	<2	<5	26	12	109	<5	6	<1	<1	1290	<5
586	8084	<2	0.7	9	111	21	17	15	<1	3	256	<5
587	8085	<2	<5	7	9	19	18	<5	<1	<1	194	<5
588	8086	<2	<5	3	29	18	36	<5	<1	1	180	<5
589	8087	17	<5	3	1291	6	11	15	<1	<1	560	5
590	8088	<2	<5	12	18	12	16	11	<1	1	40	<5
591	8089	2	1.2	65	672	269	55	10	<1	33	1018	6
592	8090	<2	<5	9	16	131	8	<5	<1	<1	900	<5
593	8091	<2	<5	6	12	116	8	7	<1	<1	860	<5
594	8092	<2	<5	7	9	75	<5	6	1	<1	935	<5
595	8093	<2	<5	3	40	62	5	7	<1	<1	1648	<5
596	8094	<2	<5	3	15	78	5	6	<1	<1	1461	<5
597	8095	<2	1.2	11	411	21	28	7	<1	<1	1136	<5
598	8096	<2	<5	3	340	7	9	11	<1	2	596	<5
599	8097	<2	<5	36	15	84	<5	5	<1	2	1459	6
600	8098	<2	<5	10	57	15	14	7	<1	<1	364	<5
601	8099	<2	<5	3	6	126	13	6	<1	<1	1475	<5
602	8100	<2	1.3	48	168	19	36	12	<1	13	412	<5

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
603	MJBO-1 #1	2	<5	48	696	108	8	8	<1	4	1488	<5
604	MJBO-1 #2	<2	<5	45	723	83	<5	<5	<1	<1	1549	<5
605	MJBO-1 #3	<2	<5	69	120	47	<5	<5	<1	<1	136	<5
606	MJBO-1 #4	<2	<5	30	139	97	9	<5	<1	<1	509	<5
607	MJBO-1 #5	<2	<5	7	268	25	36	6	1	<1	1588	<5
608	MJBO-1 #6	<2	<5	15	175	170	76	<5	<1	<1	1382	<5
609	MJBO-1 #7	<2	<5	76	32	93	<5	6	<1	<1	116	<5
610	MJBO-1 #8	<2	<5	36	67	94	8	5	<1	<1	205	<5
611	MJBO-1 #9	<2	<5	27	26	106	<5	5	<1	<1	243	<5
612	MJBO-1 #10	<2	<5	25	57	75	<5	<5	<1	<1	97	<5
613	MJBO-1 #11	<2	<5	24	30	69	<5	<5	<1	<1	114	<5
614	MJBO-1 #12	<2	<5	24	40	69	5	<5	<1	<1	59	<5
615	MJBO-1 #13	2	<5	25	43	119	<5	<5	<1	<1	242	<5
616	MJBO-1 #14	<2	<5	75	36	57	6	8	2	<1	353	<5
617	MJBO-1 #15	<2	<5	25	200	54	81	<5	<1	<1	267	<5
618	MJBO-1 #16	<2	<5	13	329	47	137	<5	<1	<1	110	<5
619	MJBO-1 #17	<2	<5	36	176	26	25	<5	1	<1	111	<5
620	MJBO-1 #18	<2	<5	12	77	13	13	<5	1	<1	1336	<5
621	MJBO-1 #19	<2	<5	67	76	30	16	<5	<1	<1	1160	<5
622	MJBO-1 #20	<2	<5	19	81	45	126	6	<1	1	188	<5
623	MJBO-1 #21	<2	<5	42	34	81	<5	6	<1	<1	1518	<5
624	MJBO-1 #22	<2	<5	15	257	37	406	<5	<1	<1	969	<5
625	MJBO-1 #23	<2	<5	27	649	57	852	<5	<1	<1	103	<5
626	MJBO-1 #24	<2	<5	10	1738	27	658	<5	<1	<1	123	<5
627	MJBO-1 #25	4	<5	9	2935	28	560	<5	<1	2	143	<5
628	MJBO-1 #26	4	<5	5	3958	22	771	5	<1	5	108	<5
629	MJBO-1 #27	2	<5	13	2023	30	539	<5	<1	7	83	<5
630	MJBO-1 #28	<2	<5	26	37	76	7	6	<1	<1	1473	<5
631	MJBO-1 #29	<2	<5	21	35	58	44	<5	<1	<1	342	<5
632	MJBO-1 #30	2	<5	20	44	106	20	<5	<1	<1	136	<5
633	MJBO-1 #31	<2	<5	21	37	120	7	5	3	<1	200	<5
634	MJBO-1 #32	<2	<5	28	35	104	7	<5	<1	<1	212	<5
635	MJBO-1 #33	2	<5	31	113	32	13	8	<1	<1	1222	<5
636	MJBO-1 #34	<2	<5	42	317	7	20	<5	<1	<1	1054	<5
637	MJBO-1 #35	<2	<5	44	632	60	37	<5	<1	3	1016	<5
638	MJBO-1 #36	<2	<5	40	502	34	52	<5	<1	2	84	<5
639	MJBO-1 #37	<2	<5	37	755	122	134	<5	<1	9	75	<5
640	MJBO-1 #38	<2	<5	38	534	54	153	<5	<1	4	77	<5
641	MJBO-1 #39	<2	<5	31	266	57	135	<5	<1	5	1110	<5
642	MJBO-1 #40	<2	<5	23	98	80	135	<5	<1	6	84	<5
643	MJBO-1 #41	<2	<5	35	467	639	133	<5	<1	9	73	<5
644	MJBO-1 #42	<2	<5	40	262	127	193	<5	2	2	56	<5
645	MJBO-1 #43	<2	<5	36	196	106	95	<5	1	3	673	<5
646	MJBO-1 #44	<2	<5	27	192	37	32	6	<1	<1	1320	<5
647	MJBO-1 #45	<2	<5	30	143	77	35	<5	<1	<1	1178	<5
648	MJBO-1 #46	<2	<5	21	62	27	16	<5	<1	<1	1248	<5
649	MJBO-1 #47	<2	<5	21	50	95	10	7	<1	<1	1218	<5
650	MJBO-1 #48	<2	<5	25	42	17	9	<5	<1	<1	1398	<5
651	MJBO-1 #49	<2	<5	24	40	18	13	<5	<1	<1	1406	<5
652	MJBO-1 #50	<2	<5	23	31	14	9	<5	<1	<1	1415	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
653	MJBO-1 #51	<2	<5	33	33	24	8	6	<1	<1	1336	<5
654	MJBO-1 #52	<2	<5	28	24	32	5	6	<1	<1	1423	<5
655	MJBO-1 #53	<2	<5	28	22	268	7	5	<1	<1	173	<5
656	MJBO-1 #54	<2	<5	28	49	444	55	<5	<1	9	1479	<5
657	MJBO-1 #55	<2	<5	30	51	157	39	5	1	7	1408	<5
658	MJBO-1 #56	<2	<5	31	26	152	75	6	<1	<1	178	<5
659	MJBO-1 #57	<2	<5	30	29	107	62	7	<1	1	626	<5
660	MJBO-1 #58	<2	<5	26	34	38	33	6	<1	7	964	<5
661	MJBO-1 #59	<2	<5	25	32	60	30	<5	<1	<1	736	<5
662	MJBO-1 #60	<2	<5	27	18	47	23	<5	<1	<1	710	<5
663	MJBO-1 #61	<2	<5	23	23	38	19	<5	<1	<1	1144	<5
664	MJBO-1 #62	<2	<5	25	23	38	12	<5	<1	<1	1281	<5
665	MJBO-1 #63	<2	<5	28	18	117	<5	6	<1	<1	166	<5
666	MJBO-1 #64	<2	<5	60	20	96	10	<5	<1	<1	201	<5
667	MJBO-1 #65	<2	<5	41	20	79	10	5	<1	<1	163	<5
668	MJBO-1 #66	<2	<5	22	20	92	<5	<5	<1	<1	426	<5
669	MJBO-1 #67	<2	<5	22	16	66	6	6	<1	<1	297	<5
670	MJBO-1 #68	2	<5	23	20	40	8	<5	<1	<1	166	<5
671	MJBO-1 #69	<2	<5	28	20	31	11	<5	<1	<1	1279	<5
672	MJBO-1 #70	<2	<5	34	23	25	13	<5	1	<1	852	<5
673	MJBO-1 #71	<2	<5	35	22	23	37	5	<1	<1	127	<5
674	MJBO-1 #72	<2	<5	36	27	26	16	<5	2	<1	1118	<5
675	MJBO-1 #73	<2	<5	30	16	48	8	7	<1	<1	115	<5
676	MJBO-1 #74	<2	<5	30	23	90	7	5	<1	<1	193	<5
677	MJBO-1 #75	<2	<5	27	29	84	6	<5	<1	<1	104	<5
678	MJBO-1 #76	<2	<5	28	28	151	6	<5	<1	<1	132	<5
679	MJBO-1 #77	<2	<5	27	25	25	14	<5	<1	<1	361	<5
680	MJBO-1 #78	<2	<5	20	41	31	9	<5	<1	<1	1370	<5
681	MJBO-1 #79	2	<5	14	50	24	16	<5	<1	2	1191	<5
682	MJBO-1 #80	2	<5	17	38	31	24	<5	<1	8	976	<5
683	MJBO-1 #81	<2	<5	12	85	205	24	<5	<1	2	1132	<5
684	MJBO-1 #82	<2	<5	20	269	233	44	<5	<1	1	1487	<5
685	MJBO-1 #83	2	<5	13	184	717	33	<5	<1	1	1807	<5
686	MJBO-1 #84	<2	<5	22	164	21	49	<5	<1	1	2086	<5
687	MJBO-1 #85	<2	<5	15	185	107	36	<5	<1	3	1519	<5
688	MJBO-1 #86	<2	<5	15	144	32	38	<5	<1	4	1306	<5
689	MJBO-1 #87	3	<5	32	206	35	74	<5	<1	6	1841	<5
690	MJBO-1 #88	2	<5	31	163	101	51	7	<1	4	1376	<5
691	MJBO-1 #89	<2	<5	27	111	184	27	6	<1	1	1141	<5
692	MJBO-1 #90	<2	<5	36	207	411	60	<5	<1	1	1271	<5
693	MJBO-1 #91	<2	<5	35	189	625	122	6	<1	5	1300	<5
694	MJBO-1 #92	<2	<5	35	93	219	94	7	<1	<1	1220	<5
695	MJBO-1 #93	2	<5	36	234	323	72	<5	<1	<1	635	<5
696	MJBO-1 #94	<2	<5	26	112	120	144	<5	<1	5	63	<5
697	MJBO-1 #95	<2	<5	13	39	73	70	<5	<1	12	133	<5
698	MJBO-1 #96	<2	<5	13	82	52	32	<5	<1	3	1372	<5
699	MJBO-1 #97	<2	<5	45	113	40	33	<5	<1	5	1342	<5
700	MJBO-1 #98	3	<5	11	48	111	36	<5	<1	5	123	<5
701	MJBO-1 #99	2	<5	9	28	88	30	<5	<1	13	575	<5
702	MJBO-1 #100	<2	<5	11	44	186	72	<5	<1	6	105	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
703	MJBO-1 #101	<2	<5	12	34	106	31	<5	<1	13	139	<5
704	MJBO-1 #102	<2	<5	4	27	223	39	<5	<1	5	306	<5
705	MJBO-1 #103	<2	<5	9	29	190	31	<5	<1	12	401	<5
706	MJBO-1 #104	<2	<5	8	50	200	44	<5	<1	6	118	<5
707	MJBO-1 #105	<2	<5	8	25	252	35	<5	1	12	108	<5
708	MJBO-1 #106	<2	<5	5	24	51	7	<5	<1	5	110	<5
709	MJBO-1 #107	<2	<5	14	65	192	54	<5	<1	14	46	<5
710	MJBO-1 #108	<2	<5	17	32	53	55	6	<1	1	811	<5
711	MJBO-1 #109	<2	<5	28	29	18	56	<5	<1	<1	493	<5
712	MJBO-1 #110	<2	<5	28	16	23	41	7	<1	<1	1239	<5
713	MJBO-1 #111	<2	<5	29	19	35	17	7	<1	<1	1428	<5
714	MJBO-1 #112	<2	<5	31	22	29	21	<5	2	<1	1272	<5
715	MJBO-1 #113	<2	<5	37	19	30	36	8	<1	<1	539	<5
716	MJBO-1 #114	<2	<5	40	18	24	15	6	<1	<1	152	<5
717	MJBO-1 #115	<2	<5	36	25	28	18	<5	<1	<1	122	<5
718	MJBO-1 #116	2	<5	35	47	48	36	<5	<1	3	1388	<5
719	MJBO-1 #117	<2	<5	31	110	1548	46	<5	2	7	61	<5
720	MJBO-1 #118	3	<5	33	526	1340	95	5	<1	13	194	<5
721	MJBO-1 #119	<2	<5	38	183	415	62	<5	<1	8	1026	<5
722	MJBO-1 #120	<2	<5	31	61	182	40	<5	<1	8	1134	<5
723	MJBO-1 #121	<2	<5	41	39	132	70	5	<1	3	1033	<5
724	MJBO-1 #122	<2	<5	28	93	99	36	6	<1	<1	1328	<5
725	MJBO-1 #123	<2	<5	27	35	89	65	<5	<1	<1	947	<5
726	MJBO-1 #124	<2	<5	47	21	94	43	6	<1	<1	933	<5
727	MJBO-1 #125	<2	<5	21	26	30	31	<5	<1	2	264	<5
728	MJBO-1 #126	<2	<5	22	18	335	58	<5	<1	<1	153	<5
729	MJBO-1 #127	<2	<5	17	18	269	121	<5	<1	<1	88	<5
730	MJBO-1 #128	<2	<5	19	22	101	12	<5	<1	<1	85	<5
731	MJBO-1 #129	<2	<5	23	23	188	18	<5	<1	<1	293	<5
732	MJBO-1 #130	<2	<5	22	23	61	13	6	<1	<1	163	<5
733	MJBO-1 #131	<2	<5	19	23	169	12	<5	<1	<1	269	<5
734	MJBO-1 #132	<2	<5	24	22	111	22	<5	<1	<1	143	<5
735	MJBO-1 #133	<2	<5	23	33	201	27	<5	<1	<1	121	<5
736	MJBO-1 #134	<2	<5	23	22	128	23	<5	<1	<1	95	<5
737	MJBO-1 #135	<2	<5	27	29	174	20	6	<1	<1	127	<5
738	MJBO-1 #136	<2	<5	26	19	69	18	<5	<1	1	106	<5
739	MJBO-1 #137	<2	<5	26	18	95	8	<5	<1	<1	103	<5
740	MJBO-1 #138	<2	<5	22	18	136	8	6	<1	<1	108	<5
741	MJBO-1 #139	<2	<5	18	20	189	11	<5	<1	1	118	<5
742	MJBO-1 #140	<2	<5	15	18	124	7	<5	<1	<1	174	<5
743	MJBO-2 #1	2	<5	20	48	66	9	7	<1	3	1933	<5
744	MJBO-2 #2	6	<5	28	198	27	24	9	<1	2	1110	<5
745	MJBO-2 #3	7	<5	55	51	182	6	8	<1	3	1257	<5
746	MJBO-2 #4	3	<5	24	32	81	14	8	<1	6	789	<5
747	MJBO-2 #5	2	<5	23	32	143	7	11	<1	2	1201	<5
748	MJBO-2 #6	4	<5	20	46	92	14	9	<1	5	1120	<5
749	MJBO-2 #7	4	<5	19	48	85	12	11	<1	3	941	<5
750	MJBO-2 #8	2	<5	22	49	134	16	9	<1	2	306	<5
751	MJBO-2 #9	12	<5	23	98	146	9	10	<1	3	242	<5
752	MJBO-2 #10	5	<5	23	158	167	<5	10	<1	3	104	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
753	MJBO-2 #11	5	0.5	27	169	621	15	6	<1	4	247	<5
754	MJBO-2 #12	3	<5	25	121	100	6	8	<1	3	317	<5
755	MJBO-2 #13	7	<5	26	129	336	9	<5	<1	4	127	<5
756	MJBO-2 #14	6	<5	24	378	366	10	9	<1	4	128	<5
757	MJBO-2 #15	4	<5	30	105	132	5	7	<1	4	878	<5
758	MJBO-2 #16	2	<5	20	49	147	11	8	<1	1	1112	<5
759	MJBO-2 #17	5	<5	22	66	125	<5	9	<1	2	1506	<5
760	MJBO-2 #18	4	<5	26	95	139	9	6	<1	2	1228	<5
761	MJBO-2 #19	6	<5	21	124	289	7	7	<1	3	1016	<5
762	MJBO-2 #20	3	<5	16	65	145	<5	8	<1	2	1478	<5
763	MJBO-2 #21	4	<5	21	227	180	<5	7	<1	4	620	<5
764	MJBO-2 #22	8	<5	33	95	92	9	8	<1	2	1254	<5
765	MJBO-2 #23	26	<5	38	626	128	15	7	<1	3	129	<5
766	MJBO-2 #24	22	<5	31	981	122	11	6	<1	3	1429	<5
767	MJBO-2 #25	19	0.6	39	571	254	13	8	<1	3	143	<5
768	MJBO-2 #26	9	<5	39	772	694	17	8	<1	2	247	<5
769	MJBO-2 #27	11	1.2	61	846	326	22	6	<1	3	203	<5
770	MJBO-2 #28	10	0.7	28	674	168	10	6	<1	2	1214	<5
771	MJBO-2 #29	12	<5	30	626	110	12	6	<1	3	1196	<5
772	MJBO-2 #30	6	<5	20	209	361	8	9	<1	3	91	<5
773	MJBO-2 #31	3	<5	22	142	297	11	8	<1	3	539	<5
774	MJBO-2 #32	6	<5	26	180	824	9	9	<1	3	442	<5
775	MJBO-2 #33	4	<5	32	514	355	7	7	<1	3	700	<5
776	MJBO-2 #34	5	<5	38	744	169	10	8	<1	3	1290	<5
777	MJBO-2 #35	18	<5	59	695	196	17	6	<1	7	1845	<5
778	MJBO-2 #36	16	<5	45	526	251	19	6	<1	5	203	<5
779	MJBO-2 #37	15	<5	24	372	233	10	7	<1	2	183	<5
780	MJBO-2 #38	10	<5	22	250	280	11	5	<1	3	251	<5
781	MJBO-2 #39	13	<5	28	184	176	7	<5	<1	2	622	<5
782	MJBO-2 #40	6	<5	21	109	147	6	7	<1	3	1207	<5
783	MJBO-2 #41	6	<5	17	144	159	<5	6	<1	3	643	<5
784	MJBO-2 #42	11	<5	27	199	129	12	<5	<1	3	709	<5
785	MJBO-2 #43	18	<5	25	160	109	<5	9	<1	3	375	<5
786	MJBO-2 #44	8	<5	26	85	160	<5	5	<1	2	1517	<5
787	MJBO-2 #45	8	<5	20	103	171	<5	6	<1	2	1525	<5
788	MJBO-2 #46	6	<5	16	98	187	<5	10	<1	2	1622	<5
789	MJBO-2 #47	11	<5	19	128	178	<5	7	<1	3	1554	<5
790	MJBO-2 #48	4	<5	23	91	171	<5	7	<1	2	1634	<5
791	MJBO-2 #49	19	<5	26	196	170	<5	7	<1	2	620	<5
792	MJBO-2 #50	34	<5	26	116	90	7	6	<1	3	961	<5
793	MJBO-2 #51	33	<5	24	48	109	<5	5	<1	1	1449	<5
794	MJBO-2 #52	18	<5	21	111	158	<5	6	<1	3	1525	<5
795	MJBO-2 #53	51	<5	29	159	150	<5	<5	<1	3	901	<5
796	MJBO-2 #54	23	<5	17	117	153	<5	8	<1	2	1317	<5
797	MJBO-2 #55	8	<5	19	166	191	<5	9	<1	3	1583	<5
798	MJBO-2 #56	15	<5	19	118	181	<5	7	<1	3	1463	<5
799	MJBO-2 #57	7	<5	17	94	151	<5	7	<1	2	1515	<5
800	MJBO-2 #58	22	<5	22	169	188	6	7	<1	3	809	<5
801	MJBO-2 #59	17	<5	20	101	153	<5	<5	<1	3	1053	<5
802	MJBO-2 #60	9	<5	21	83	179	<5	7	<1	3	1642	<5

Appendix 6-2 Assay Result of Rock samples

Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
803	MJBO-2 #61	31	<.5	29	139	180	6	8	<1	4	956	<5
804	MJBO-2 #62	32	<.5	22	155	124	<5	<5	<1	3	380	<5
805	MJBO-2 #63	30	<.5	22	95	154	8	10	<1	2	657	<5
806	MJBO-2 #64	50	<.5	31	128	130	<5	7	<1	3	518	<5
807	MJBO-2 #65	22	<.5	33	177	207	11	<5	<1	3	192	<5
808	MJBO-2 #66	13	<.5	21	91	164	<5	7	<1	3	611	<5
809	MJBO-2 #67	8	<.5	11	30	108	<5	6	<1	3	1479	<5
810	MJBO-2 #68	6	<.5	14	39	104	<5	6	<1	4	1521	<5
811	MJBO-2 #69	10	<.5	14	40	98	<5	8	<1	3	808	<5
812	MJBO-2 #70	5	<.5	15	33	84	5	<5	<1	2	1362	<5



Appendix 7  
Assay Results of Ore Samples

Serial No.	Sample No	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
5	7605	<2	279	4008	16393	9808	42	140	<1	5	933	<5
10	7610	<2	166.6	4730	98700	34513	33	33	<1	12	95	<5
28	7959	<2	12.1	392	1477	10004	74	9	<1	8	2629	<5
32	7963	3528	337	144	4282	7842	123	<5	<1	3	4039	<5
35	7966	210	137.7	38	28100	703	66	53	<1	12	9707	<5
323	7734	22	583	441	415400	35257	66	520	<1	14	56	<5
324	7735	17	183.3	21257	136300	55095	286	188	1	6	112	<5
328	7739	25	108.3	834	122000	62551	38	57	<1	7	135	<5
329	7740	28	58.4	519	49700	80301	235	63	<1	25	338	<5
330	7741	10	124.2	2913	100700	59862	37	233	1	21	92	<5
331	7742	41	138.3	7332	34950	80674	61	191	1	41	33	<5
332	7743	32	61.4	9650	357000	9757	17	42	<1	3	167	<5
339	7767	10	90.9	750	42100	89489	49	74	<1	10	490	<5
345	7903	10	11.2	1185	3842	377	281	13	<1	54	298	<5
511	8009	8	2.2	2643	26300	5394	237	19	<1	34	1806	<5
545	8043	16	6.3	235	11276	10717	185	10	<1	7	1209	<5
547	8045	9	8	676	12853	6499	185	15	<1	9	497	<5

## Appendix 8

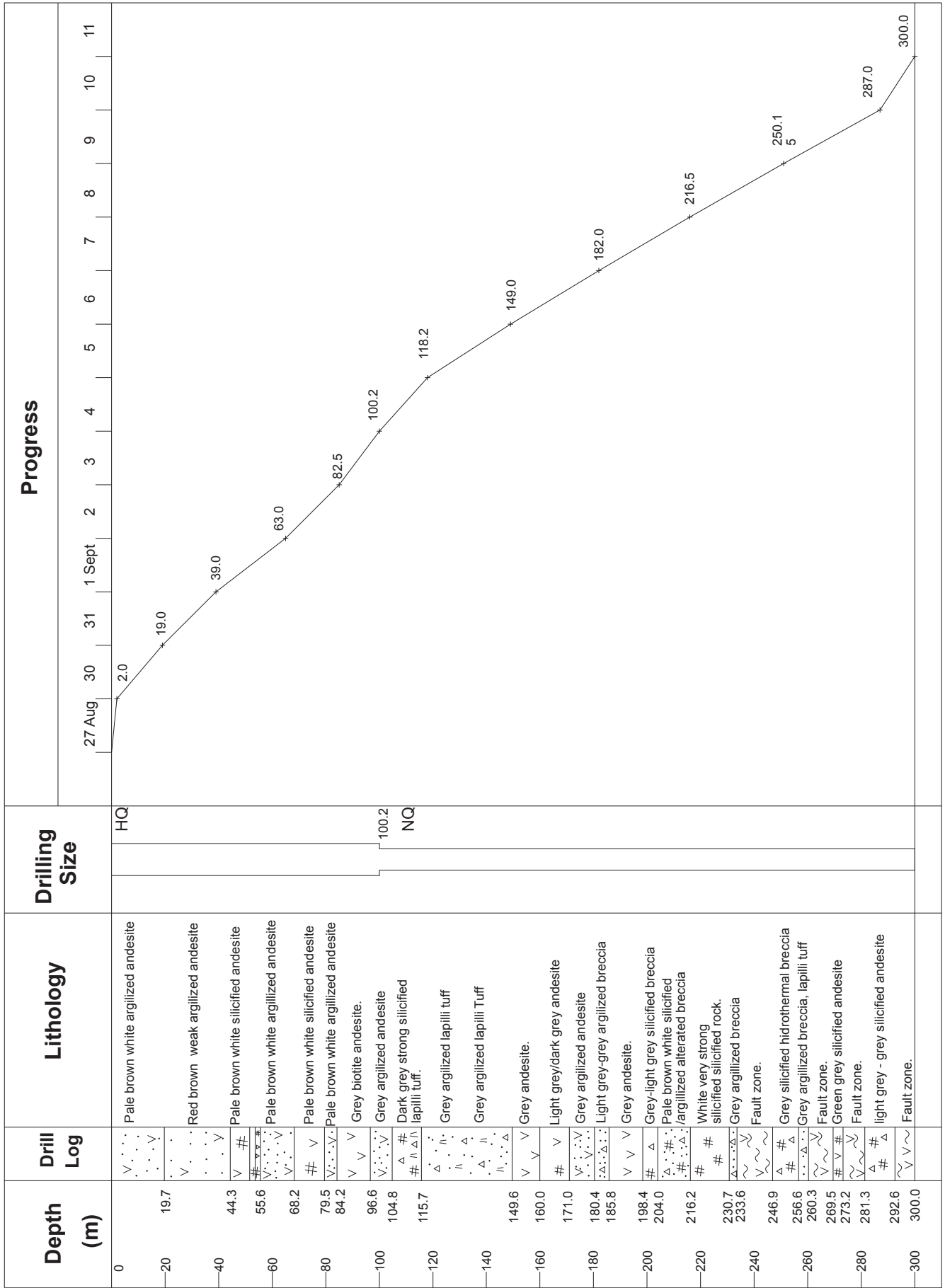
### Miscellaneous Data for the Drilling Survey

Appendix 8-1(1) Miscellaneous Results of Individual Drillhole (MJBO-1)

	Survey period		Breakdown of period		Total workers	
	Period	Total days	Working days	No working days	Engineers	Workers
Preparation	26 Aug., '01 ~ 29 Aug., '01	3.50	3.50	—	3	55
Drilling	29 Aug., '01 ~ 10 Sep., '01	12.50	Drilling : 12.38	—	13	185
			Accident: 0.12	—	—	—
Dismount	11 Sep., '01 ~ 12 Sep., '01	2.00	2.00	—	2	25
Total	26 Aug., '01 ~ 12 Sep., '01	18.00	18.00	—	18	265.0
Drilling Length						
Programmed length	300.00 m	Overburden, sand & gravel, Quarternary			0.00 m	
Prolongation	0.00 m	Core length			297.70 m	
Effective length	300.00 m	Core recovery			99.2 %	
Working hours				Core recovery by each 50 meters		
Drilling	163.0 hrs	53.6%	47.4%	Length (m)	Each (%)	Cumula. (%)
Supplemental drilling work	138.0 hrs	45.4%	40.1%	0 – 50.00	97.2	97.2
Recovery from accident	3.0 hrs	1.0%	—	50.00 – 100.20	100.0	98.6
Subtotal	304.0 hrs	100%	88.4%	100.20 – 150.00	100.0	99.1
Preparation/setting up	32.0 hrs	—	9.3%	150.00 – 200.00	99.6	99.2
Dismount/mobilization	8.0 hrs	—	2.3%	200.00 – 250.15	100.0	99.4
Transportation of water	0.0 hrs	—	0.0%	250.15 – 300.00	98.6	99.2
Others				Efficiency		
				Effective length / Working drilling days		
				= 300.00m/12.38 days = 24.23m/d		
				Effective length / Total drilling shifts =		
Total	344.0 hrs	—	100%	= 300.00m/37.00 shifts = 8.10 m/shift		
Drilling length by diameter						
Bit diameter	HQ	NQ				Total
Drilling length	100.20 m	199.80 m				300.00 m
Core length	98.80 m	198.90 m				297.70 m
Inserted casing pipes						
Inserted length by diameter		Inserted length / Drilling length		Casing recovery		
HW	10.50 m	3.50%		100%		
NW	100.20 m	33.40%		100%		

Appendix 8-1(2) Miscellaneous Results of Individual Drillhole (MJBO-2)

	Survey period		Breakdown of period		Total workers	
	Period	Total days	Working days	No working days	Engineers	Workers
Preparation	13 Sep., '01 ~ 14 Sep., '01	2.0	2.0	—	2	30
Drilling	14 Sep., '01 ~ 30 Sep., '01	17.0	Drilling : 14.0	1.0	14	195
			Accident: 2.0	—	2	30
Dismount	2 Oct., '01 ~ 3 Oct., '01	2.0	2.0	—	2	40
<b>Total</b>	<b>13 Sep., '01 ~ 3 Oct., '01</b>	<b>21.0</b>	<b>20.0</b>	<b>1.0</b>	<b>20</b>	<b>295</b>
<b>Drilling Length</b>						
Programmed length	300.00 m	Overburden, sand & gravel, Quarternary			0.00 m	
Prolongation	0.00 m	Core length			299.90 m	
Effective length	300.00 m	Core recovery			99.9 %	
<b>Working hours</b>				<b>Core recovery by each 50 meters</b>		
Drilling	175.5 hrs	47.7%	43.9%	Length (m)	Each (%)	Cumula. (%)
Supplemental drilling work	144.5 hrs	39.3%	36.1%	0 – 50.00	99.8	99.8
Recovery from accident	48.0 hrs	13.0%	—	50.00 – 100.00	100.0	99.9
Subtotal	368.0 hrs	100%	92.0%	100.00 – 150.00	100.0	99.9
Preparation/setting up	16.0 hrs	—	4.0%	150.00 – 199.40	100.0	99.9
Dismount/mobilization	16.0 hrs	—	4.0%	199.40 – 250.00	100.0	99.9
Transportation of water	0.0 hrs	—	0.0%	250.00 – 300.00	100.0	99.9
Others				Efficiency		
				Effective length / Working drilling days		
				= 300.00m/14.0 days = 21.42 m/d		
				Effective length / Total drilling shifts =		
<b>Total</b>	<b>400.0 hrs</b>	<b>—</b>	<b>100%</b>	= 300.00m/42.0 shifts = 7.14 m/shift		
<b>Drilling length by diameter</b>						
Bit diameter	HQ	NQ				Total
Drilling length	100.00 m	200.00 m				300.00 m
Core length	99.90 m	200.00 m				299.90 m
<b>Inserted casing pipes</b>						
Inserted length by diameter		Inserted length / Drilling length		Casing recovery		
HW	12.25 m	4.08%		100%		
NW	100.00 m	33.33%		100%		



Appendix 8-2(1) Progress Record of Diamond Drilling (MJB0-1)





### Appendix 8-3 List of the Equipments Used for Drilling

Item	Model	Quantity	Capacity, type and specification
Truck mounted Drilling machine	L-44	1	Capacity HQ: 535m, NQ:810m
Motor for drill	4/53 DETRROIT	1	160 hp-2100RPM
Derrick		1	
Pump	MG-15	1	
Motor for pump	3TN84L-RUS	1	
Generator	L-33	1	
Mud mixer	NFD-150	1	
Moter for mixer	MCA-200E	1	
Rod holder	HQ-WL	23	3m/本
	NQ-WL	135	3m/本
Drill rods	HW	1	3m/本
	NW	34	3m/本
Casing pipes		1	
Core tube assembly	HQ-WL	2	$\phi$
	NQ-WL	3	$\phi$ 56.6mm

**Apx. 8-4 List of Artcles Consumed for Drilling**

Item	Specifi- Cation	Unit	Quantity					Sub total
			MJBO-1	MJBO-2				
Diesel oil		liter	1,875	2,130				4,005
Gasoline		liter	83	42				125
Hydraulic oil		liter	26					26
Iubricating oil		liter	11.5	33				45
Grease		kg	13	14.75				27.75
Bentonite		Bag	76	69				145
Cement		Bag	3	4.2				7
Boretex		kg	113	46				159
SDF-2000		kg	64	13.75				77.75
Diamond bit	HQ	pc	4	3				7
Diamond bit	NQ	pc	3	7				10
Diamond reaming shell	HQ	pc	1	2				3
Diamond reaming shell	NQ	pc	2	3				5
Diamond shoe	HW	pc	1	1				2
Diamond shoe	NW	pc	1	1				2
Core box		pc	81	85				166

## Appendix 9

### Geologic Core Logs of the Drill Holes



Dep.	Geo. Col.	Structure	Geology	Alteration				Min		Sample		Assay											
				Sil	Arg	Ser	Oxi	Py	Ot	No.	Depth	Leng.	Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Ba	Sn
30	V.V. 90° lim		red brn and brn~dk brn (soil?)	-----	-----	-----	-----			1-6	30.00~32.00	2.00	<2	<0.5	15	175	170	76	<5	<1	<1	1,382	<5
31.0	V.V. 90°		ple brn~yell brn	-----	-----	-----	-----																
32.5	V.V. 30		dkr gry and ple brn~yell brn	-----	-----	-----	-----	-----	-----	1-7	33.60~35.00	1.40	<2	<0.5	76	32	93	<5	6	<1	<1	116	<5
33.8	V.V. 30		hydro. bx?	-----	-----	-----	-----	-----	-----	1-8	35.00~36.00	1.00	<2	<0.5	36	67	94	8	5	<1	<1	205	<5
35.3	V.V. 90~85		5-10% py	-----	-----	-----	-----	-----	-----	1-9	36.00~37.00	1.00	<2	<0.5	27	26	106	<5	5	<1	<1	243	<5
35.8	V.V. 45		"	-----	-----	-----	-----	-----	-----	1-10	37.00~38.00	1.00	<2	<0.5	25	57	75	<5	<5	<1	<1	97	<5
36.5	V.V. 20		"	-----	-----	-----	-----	-----	-----	1-11	38.00~39.00	1.00	<2	<0.5	24	30	69	<5	<5	<1	<1	114	<5
40	V.V. 20c non core 70 0.1c py 90 0.1c py dy 90 0.1c py dy 20 py		1-5% py	-----	-----	-----	-----	-----	-----	1-12	39.00~40.00	1.00	<2	<0.5	24	40	69	5	<5	<1	<1	59	<5
40.20	V.V. 85 70 lim 60 lim		1-5% py	-----	-----	-----	-----	-----	-----	1-13	40.00~42.00	2.00	2	<0.5	25	43	119	<5	<5	<1	<1	242	<5
43.4	V.V. 85 90 lim 80 lim 85 0.5c Mn, lim		1-5% py	-----	-----	-----	-----	-----	-----	1-14	42.00~44.00	2.00	<2	<0.5	75	36	57	6	8	2	<1	353	<5
44.1	V.V. 85 70 lim 60 lim		1-5% py	-----	-----	-----	-----	-----	-----	1-15	44.00~46.00	2.00	<2	<0.5	25	200	54	81	<5	<1	<1	267	<5
48.8	V.V. 45 45 10c bx		1-5% py	-----	-----	-----	-----	-----	-----	1-16	46.00~48.00	2.00	<2	<0.5	13	329	47	137	<5	<1	<1	110	<5
49.4	V.V. 45 45 10c bx		1-5% py	-----	-----	-----	-----	-----	-----	1-17	48.00~50.00	2.00	<2	<0.5	36	176	26	25	<5	1	<1	111	<5
49.7	V.V. 45 45 10c bx		1-5% py	-----	-----	-----	-----	-----	-----	1-18	50.00~52.00	2.00	<2	<0.5	12	77	13	13	<5	1	<1	1,336	<5
50.2	V.V. 45 45 10c bx		1-5% py	-----	-----	-----	-----	-----	-----	1-19	52.00~52.80	0.80	<2	<0.5	67	76	30	16	<5	<1	<1	1,160	<5
52.8	V.V. 40 lim, hem 10 lim, Mn 90~85 0.5c lim, Mn 60 0.1c gm dy		1-5% py	-----	-----	-----	-----	-----	-----	1-20	56.00~58.00	2.00	<2	<0.5	19	81	45	126	6	<1	1	188	<5
55.65	V.V. 80 lim, Mn 70 lim, Mn 70 lim		1-5% py	-----	-----	-----	-----	-----	-----														
60	V.V. 70 lim		1-5% py	-----	-----	-----	-----	-----	-----														
60.96	V.V. 70 lim		1-5% py	-----	-----	-----	-----	-----	-----														







Dep.	Geo. Col.	Structure	Geology	Alteration			Min		Sample		Assay												
				Sil	Arg	Ser	Ot	Py	Ot	No.	Depth	Leng.	Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Ba	Sn
120	△	75	grv (ptf (-tb) (py imp. in fract)							1-48	120.00~121.00	1.00	<2	<0.5	25	42	17	9	<5	<1	<1	1,398	<5
	△	70	"							1-49	121.00~122.00	1.00	<2	<0.5	24	40	18	13	<5	<1	<1	1,406	<5
	△	45	"							1-50	122.00~123.00	1.00	<2	<0.5	23	31	14	9	<5	<1	<1	1,415	<5
	△	75	"							1-51	123.00~125.00	2.00	<2	<0.5	33	33	24	8	6	<1	<1	1,336	<5
	△	60	1~3%							1-52	125.00~127.00	2.00	<2	<0.5	28	24	32	5	6	<1	<1	1,423	<5
130	△	80 whitey	red brn and clast																				
	△	130.2	"																				
	△	130.45	"																				
	△	50	"							1-53	132.00~134.00	2.00	<2	<0.5	28	22	268	7	5	<1	<1	173	<5
	△	90 py	"																				
140	△	80 py	←135.0m XR																				
	△	60 0.5c py	"																				
	△	50	"																				
	△	90 0.3c py	"							1-54	140.00~142.00	2.00	<2	<0.5	28	49	444	55	<5	<1	9	1,479	<5
	△	70 py gm Cu	"							1-55	142.00~143.00	1.00	<2	<0.5	30	51	157	39	5	1	7	1,408	<5
150	△	70	"							1-56	143.00~144.00	1.00	<2	<0.5	31	26	152	75	6	<1	<1	178	<5
	△	45	"							1-57	144.00~145.00	1.00	<2	<0.5	30	29	107	62	7	<1	1	626	<5
	△	60	"							1-58	145.00~146.00	1.00	<2	<0.5	26	34	38	33	6	<1	7	964	<5
	△	90 smc	gm gry tf?							1-59	146.00~147.00	1.00	<2	<0.5	25	32	60	30	<5	<1	<1	736	<5
	△	80 smc, py	few clasts py imp (10%+)							1-60	147.00~148.00	1.00	<2	<0.5	27	18	47	23	<5	<1	<1	710	<5
150	△	90 smc	15% py							1-61	148.00~149.00	1.00	<2	<0.5	23	23	38	19	<5	<1	<1	1,144	<5
	△	70 smc	15% py							1-62	149.00~150.00	1.00	<2	<0.5	25	23	38	12	<5	<1	<1	1,281	<5





Dep.	Geo. Col.	Structure	Geology	Alteration			Min		Sample		Assay												
				Sil	Arg	Ser	Ot	Py	Ot	No.	Depth m~m	Leng. m	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
210	△	90 py	ple brn gry bx (hydro)	█						1-88	210.00~211.00	1.00	2	<0.5	31	163	101	51	7	<1	4	1,376	<5
210.7	△	70 py	"	█						1-89	211.00~212.00	1.00	<2	<0.5	27	111	184	27	6	<1	1	1,141	<5
213.5	△	45	"	█						1-90	212.00~213.00	1.00	<2	<0.5	36	207	411	60	<5	<1	1	1,271	<5
213.5	△	45	ple brn wht (py bx)	█						1-91	213.00~214.00	1.00	<2	<0.5	35	189	625	122	6	<1	5	1,300	<5
216.2	△	30	" ← 215.0 m XR	█						1-92	214.00~215.00	1.00	<2	<0.5	35	93	219	94	7	<1	<1	1,220	<5
216.2	△	30	gry ~ lgt gry bx (hydro)	█						1-93	215.00~216.00	1.00	2	<0.5	35	234	323	72	<5	<1	<1	635	<5
216.2	△	30	"	█						1-94	216.00~217.00	1.00	<2	<0.5	36	112	120	144	<5	<1	5	63	<5
216.3	△	70, 2c py	"	█						1-95	217.00~218.00	1.00	<2	<0.5	26	39	73	70	<5	<1	12	133	<5
218.3	△	10	hydro cly	█						1-96	218.00~219.00	1.00	<2	<0.5	13	82	52	32	<5	<1	3	1,372	<5
219.0	△	10	"	█						1-97	219.00~220.00	1.00	<2	<0.5	13	113	40	33	<5	<1	5	1,342	<5
219.45	△	65	← 219.10m TS. STD	█						1-98	220.00~221.00	1.00	3	<0.5	45	48	111	36	<5	<1	5	123	<5
220	△	65	wht (gry) vs-sil rock	█						1-99	221.00~222.00	1.00	2	<0.5	11	28	88	30	<5	<1	13	575	<5
220.2	△	65	"	█						1-100	222.00~223.00	1.00	<2	<0.5	9	44	186	72	<5	<1	6	105	<5
220.2	△	65	"	█						1-101	223.00~224.00	1.00	<2	<0.5	11	34	106	31	<5	<1	13	139	<5
223.3	△	70	(part porous part brecciated)	█						1-102	224.00~225.00	1.00	<2	<0.5	12	27	223	39	<5	<1	5	306	<5
223.7	△	40.0.2 Mn-Oz	"	█						1-103	225.00~226.00	1.00	<2	<0.5	4	29	190	31	<5	<1	12	401	<5
223.7	△	40.0.2 Mn-Oz	"	█						1-104	226.00~227.00	1.00	<2	<0.5	9	50	200	44	<5	<1	6	118	<5
223.7	△	40.0.2 Mn-Oz	"	█						1-105	227.00~228.00	1.00	<2	<0.5	8	25	252	35	<5	1	12	108	<5
223.7	△	40.0.2 Mn-Oz	"	█						1-106	228.00~229.00	1.00	<2	<0.5	8	24	51	7	<5	<1	5	110	<5
223.7	△	40.0.2 Mn-Oz	"	█						1-107	229.00~230.00	1.00	<2	<0.5	5	65	192	54	<5	<1	14	46	<5
223.7	△	40.0.2 Mn-Oz	"	█						1-108	230.00~231.00	1.00	<2	<0.5	14	32	53	55	6	<1	1	811	<5
230	△	85 py	gry bx (hydro)	█						1-109	231.00~232.00	1.00	<2	<0.5	17	29	18	56	<5	<1	<1	493	<5
230.15	△	85 py	"	█						1-110	232.00~234.00	2.00	<2	<0.5	28	16	23	41	7	<1	<1	1,239	<5
230.7	△	85 py	"	█						1-111	234.00~235.00	1.00	<2	<0.5	29	19	35	17	7	<1	<1	1,428	<5
233.2	△	60	233.40m TS. STD	█						1-112	235.00~236.00	1.00	<2	<0.5	31	22	29	21	<5	2	<1	1,272	<5
233.6	△	70	"	█						1-113	236.00~237.00	1.00	<2	<0.5	37	19	30	36	8	<1	<1	539	<5
235.2	△	60	gry mdg and	█						1-114	237.00~238.00	1.00	<2	<0.5	40	18	24	15	6	<1	<1	152	<5
236.5	△	60	fault bx with cly	█						1-115	238.00~239.00	1.00	<2	<0.5	36	25	28	18	<5	<1	<1	122	<5
238.4	△	80 0.2c blk sil	"	█									<2	<0.5	36	25	28	18	<5	<1	<1	122	<5
240	△	60	gry fault zone	█									<2	<0.5	36	25	28	18	<5	<1	<1	122	<5













Dep.	Geo. Col.	Structure	Geology	Alteration			Min		Sample		Assay														
				Sil	Arg	Ser	Ot	Py	Ot	No.	Depth m~m	Leng. m	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm		
90	x~x x  x~x x	90-85 py ser	lgt gry hb dio (py, ser in fract)	-----	-----	-----	-----	-----	-----	2-11	90.0~92.00	2.0	5	0.5	27	169	621	15	6	<1	4	247	<5		
	x	75 py, ser, sil	"	-----	-----	-----	-----	-----	-----	2-12	92.00~94.00	2.0	3	<0.5	25	121	100	6	8	<1	3	317	<5		
	x~x x	80 py	"	-----	-----	-----	-----	-----	-----	2-13	94.00~96.00	2.0	7	<0.5	26	129	336	9	<5	<1	4	127	<5		
	x~x x	60 ser	"	-----	-----	-----	-----	-----	-----	2-14	96.00~98.00	2.0	6	<0.5	24	378	366	10	9	<1	4	128	<5		
	x	70 sil, py	"	-----	-----	-----	-----	-----	-----	2-15	98.00~100.00	2.0	4	<0.5	30	105	132	5	7	<1	4	878	<5		
	x	80 sil	"	98.8	-----	-----	-----	-----	-----																
	x~x x	80 sil	"	100.0	-----	-----	-----	-----	-----																
	x	80 sil, py	"	"	-----	-----	-----	-----	-----																
	x	80	"	"	-----	-----	-----	-----	-----																
	x	75 ser, py	102.8	gm gry hb dio	-----	-----	-----	-----	-----																
x	85 ser, py	104.8m XR	"	-----	-----	-----	-----	-----																	
x	90 ser, py, sil	"	"	-----	-----	-----	-----	-----																	
x	60 ser, py, sil	"	"	-----	-----	-----	-----	-----																	
x	50 py ser	"	"	-----	-----	-----	-----	-----																	
x	85~90 ser py	"	"	-----	-----	-----	-----	-----																	
x	80 ser py	"	"	-----	-----	-----	-----	-----																	
x	85 sil, py, ser	"	"	-----	-----	-----	-----	-----																	
x	85 ser, py	"	"	-----	-----	-----	-----	-----																	
x	80 py sil	"	"	-----	-----	-----	-----	-----																	
x	80~90 py	"	"	-----	-----	-----	-----	-----																	
x	70	"	"	-----	-----	-----	-----	-----																	
x	70 ser	"	"	-----	-----	-----	-----	-----																	
x	80 sil, py	116.4	lgt gry dio	-----	-----	-----	-----	-----																	
x	80 sil, py	117.4	gm gry dio	-----	-----	-----	-----	-----																	
x	75 ser, py, sil	"	"	-----	-----	-----	-----	-----																	
x	60 py ser	120.0m XR	"	-----	-----	-----	-----	-----																	
100																									
110																									
120																									









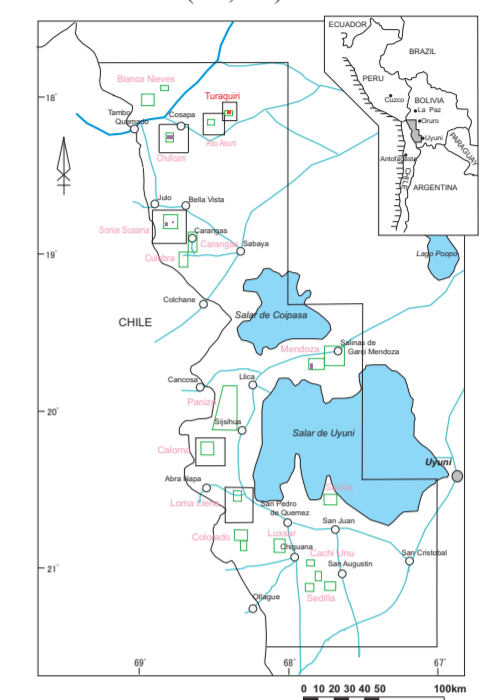






THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA

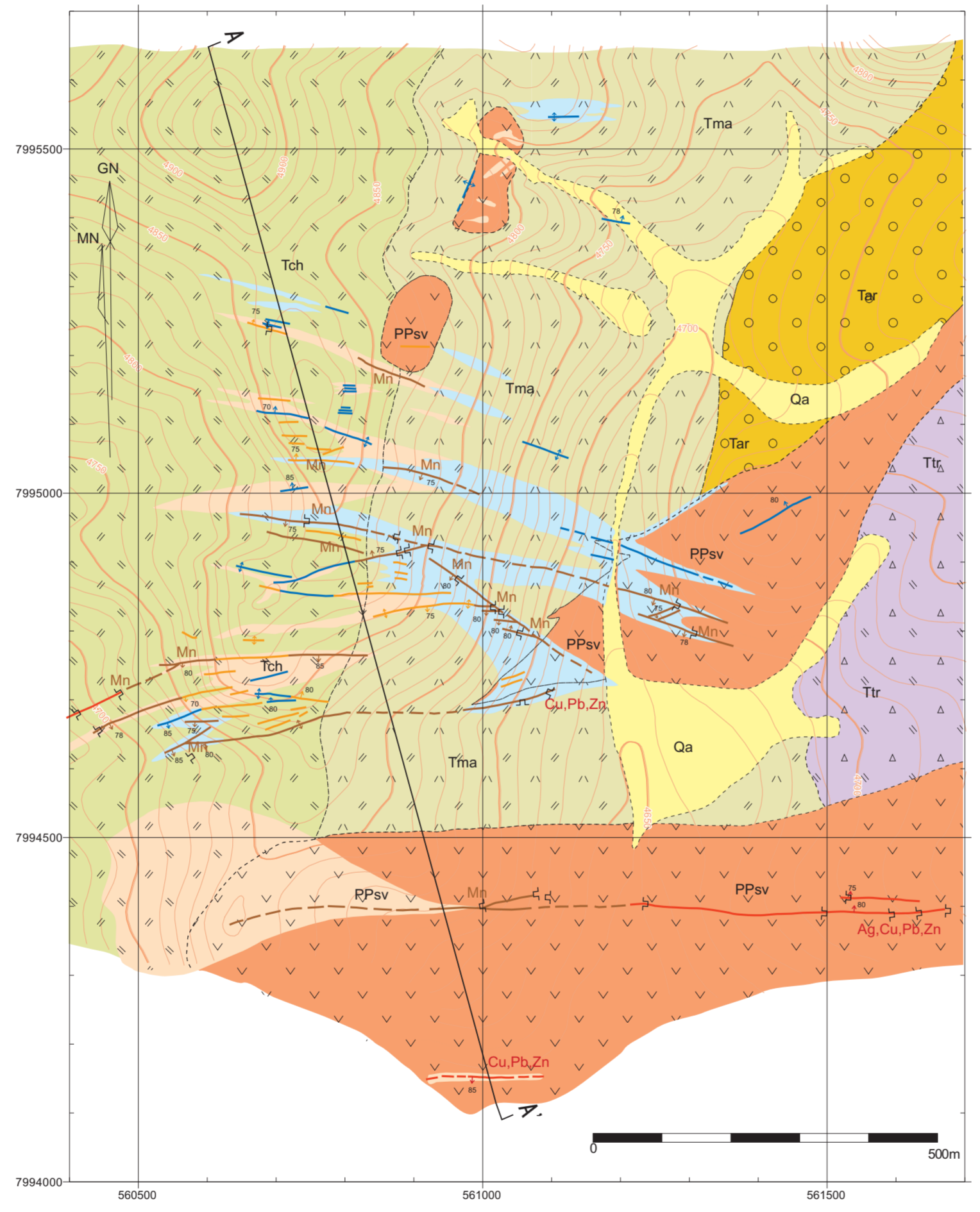
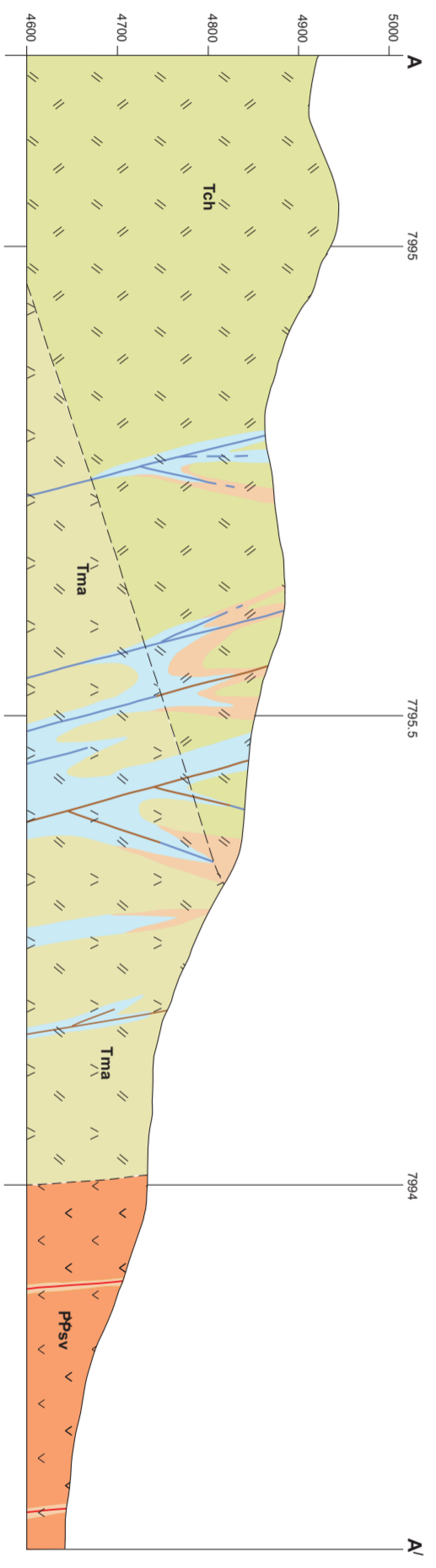
Geological Map  
of  
The Turaquiri District  
(1:5,000)



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METAL MINING AGENCY OF JAPAN  
JANUARY 2002

LEGEND

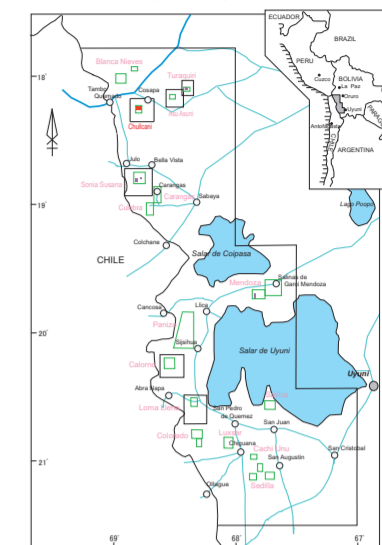
- (Qa) Alluvial deposit
- (Tch) Chingurari lava (Andestic lava tuff)
- (Tr) Turaquiri tuff (Dacitic welded tuff)
- (Tma) Moun tuff (Dacitic tuff - lapilli tuff)
- (Tar) Sandstone - Conglomerate
- (PPsv) Bt - Hb Andesite
- Argillized zone
- Silicified zone
- Silicified vein
- Silicified vein with Fe, Mn oxide
- Argillized vein
- Pb, Zn, vein
- Strike and Dip
- Mineral Showing
- Ancient working





THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA

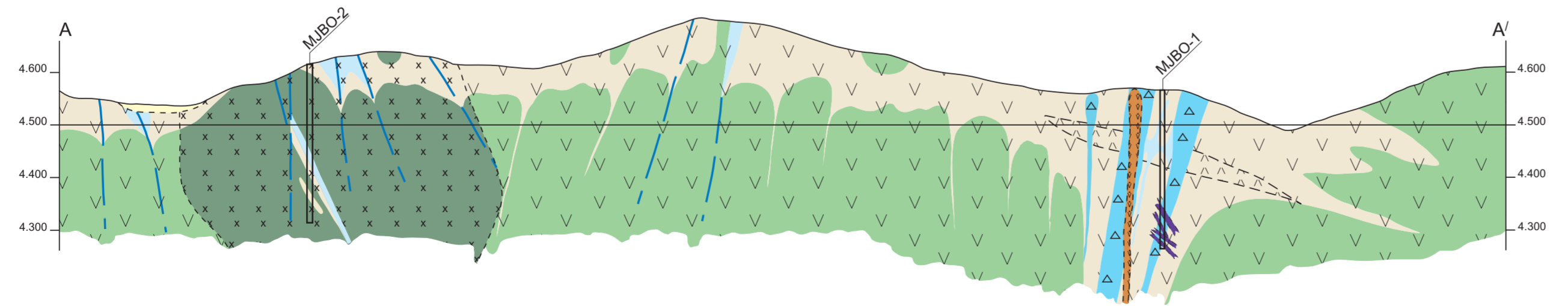
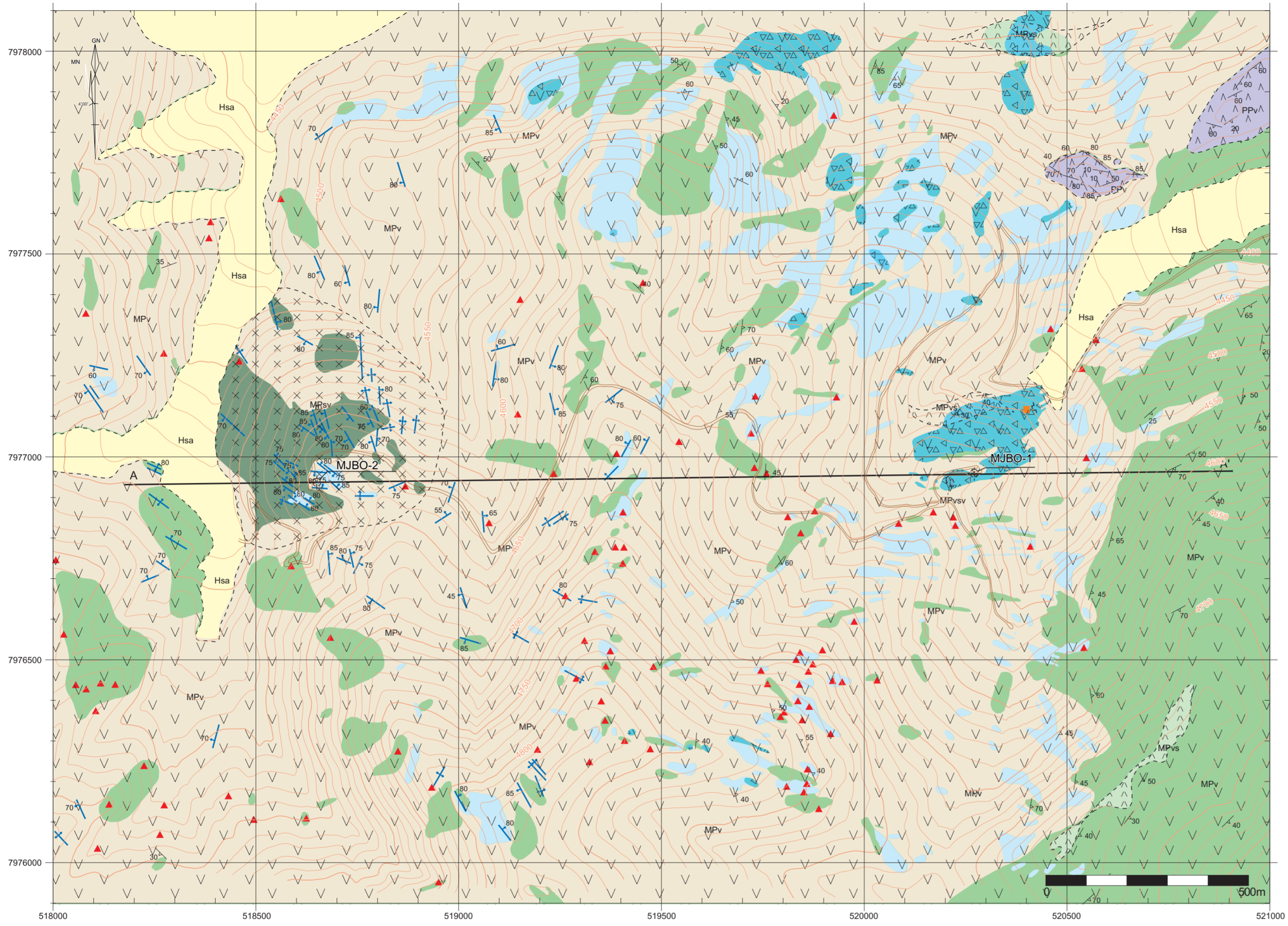
Geological Map  
of  
The Chullacani District  
(1:5,000)



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METAL MINING AGENCY OF JAPAN  
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LEGEND

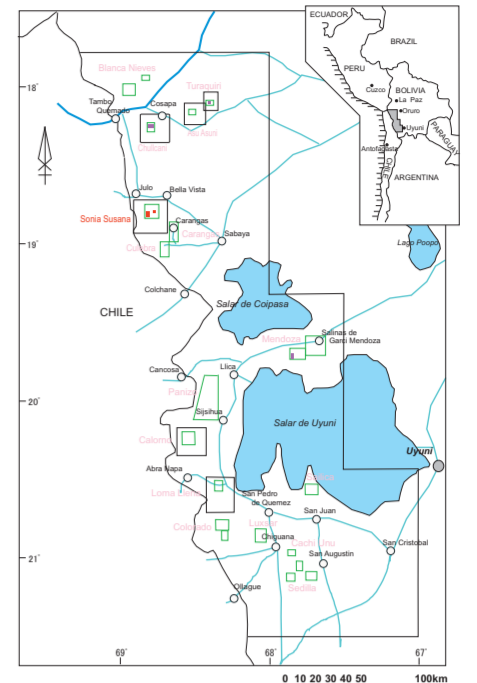
- (Hsq) Alluvial deposits
- (Ppv) Basalt
- (Mpsv) Hornblende-biotite andesite
- (Mpsv) Pyroxene quartz diorite
- (Mpv) (Pyroxene)-hornblende-biotite andesite
- (Mps) Tuff breccia - Lapilli tuff
- Hydrothermal breccia zone
- Argillized zone
- Silicified zone
- Silica vein
- Fault
- Lava flow band
- Old working
- Pyrite impregnation
- Manganese oxide



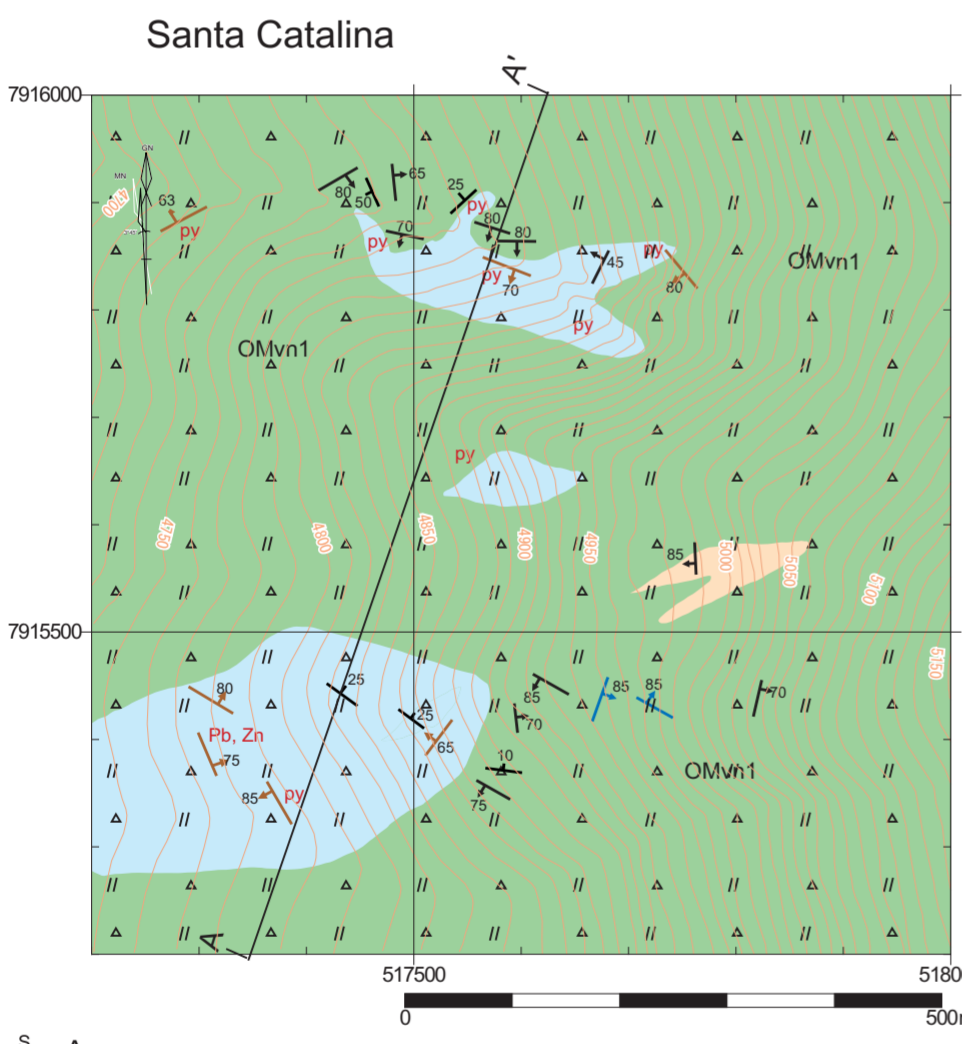
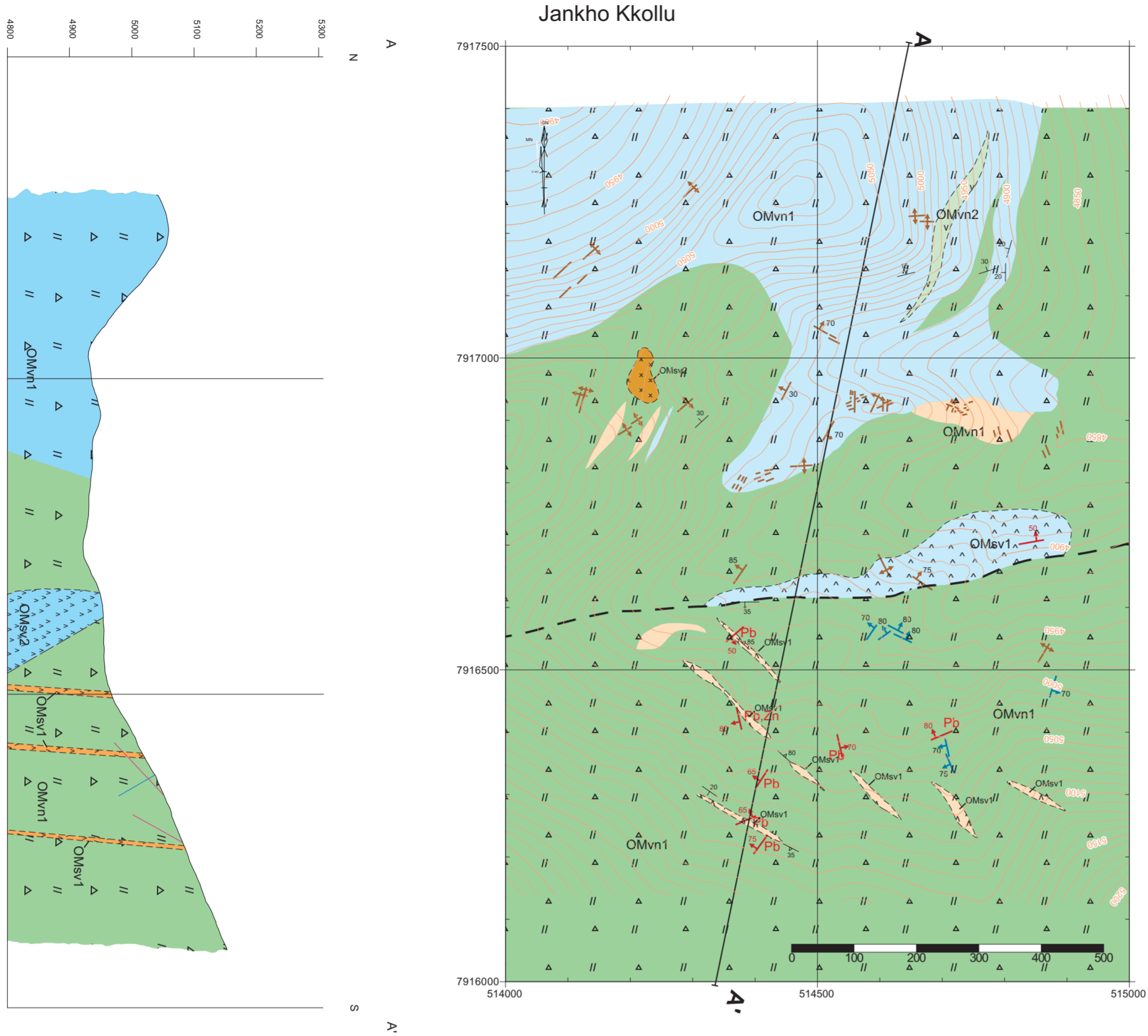


THE MINERAL EXPLORATION  
IN THE URURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA

Geological Map  
of  
The Sonia-Susana District  
(1:5,000)



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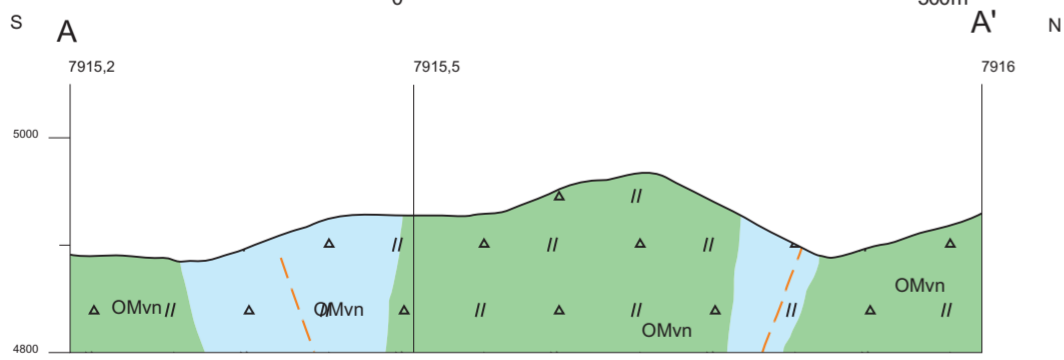


**LEGEND**

Lower to Middle Miocene volcanic Rocks

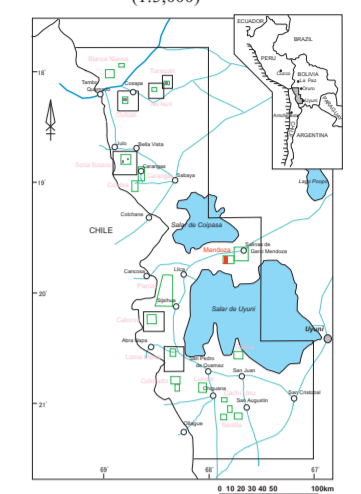
- (OMvn1) Tuff to tuffbreccia
- (OMvn2) Andesite Lava
- (OMs1) Intrusive rock (dacite)
- (OMs2) Intrusive rock (dolerite)

- Argilized zone
- Silicified zone
- Silicified or Quartz vein
- Silicified or Quartz vein with Fe oxide
- Pb (Zn) vein
- Strike and dip
- Pb, Zn showing

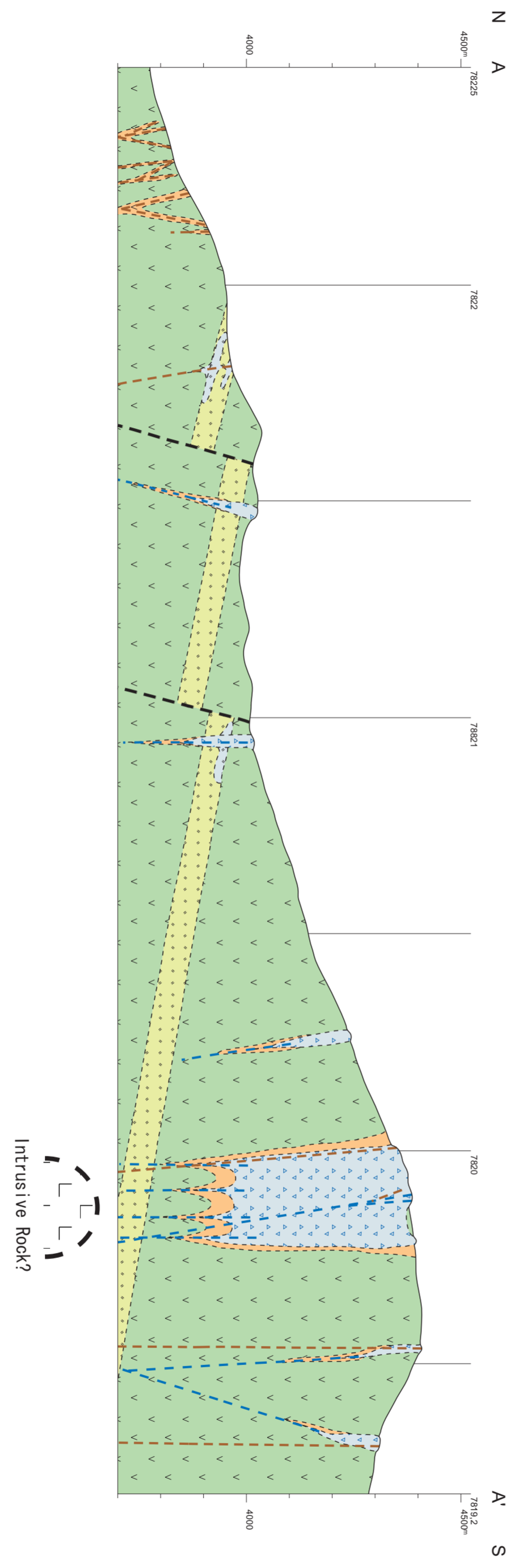
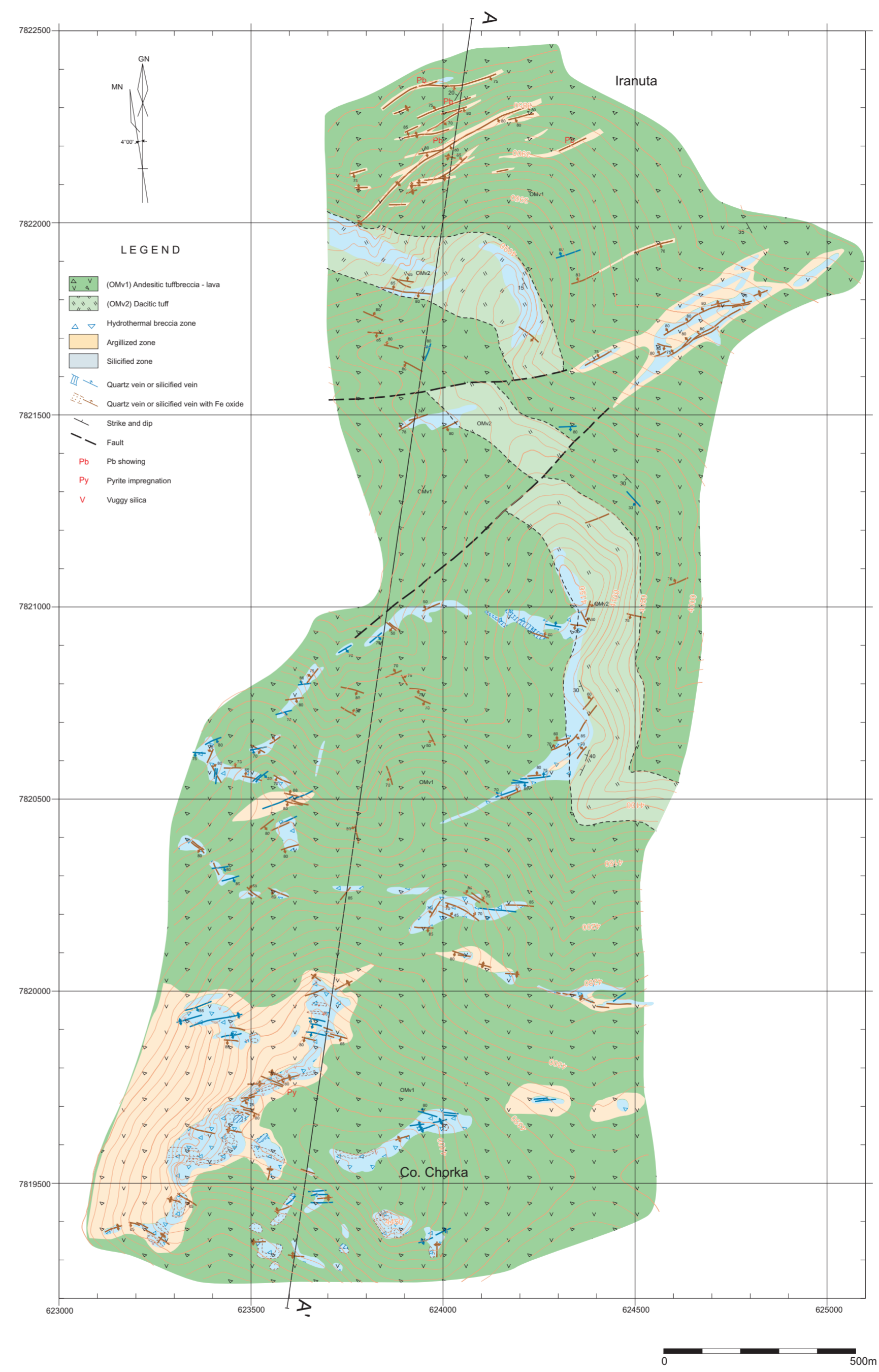


THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA

Geological Map  
of  
The Mendoza District  
(1:5,000)



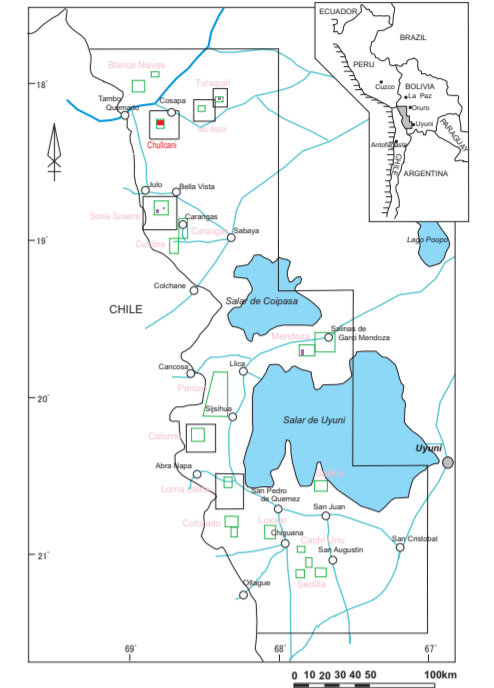
JAPAN INTERNATIONAL COOPERATION AGENCY  
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JANUARY 2002



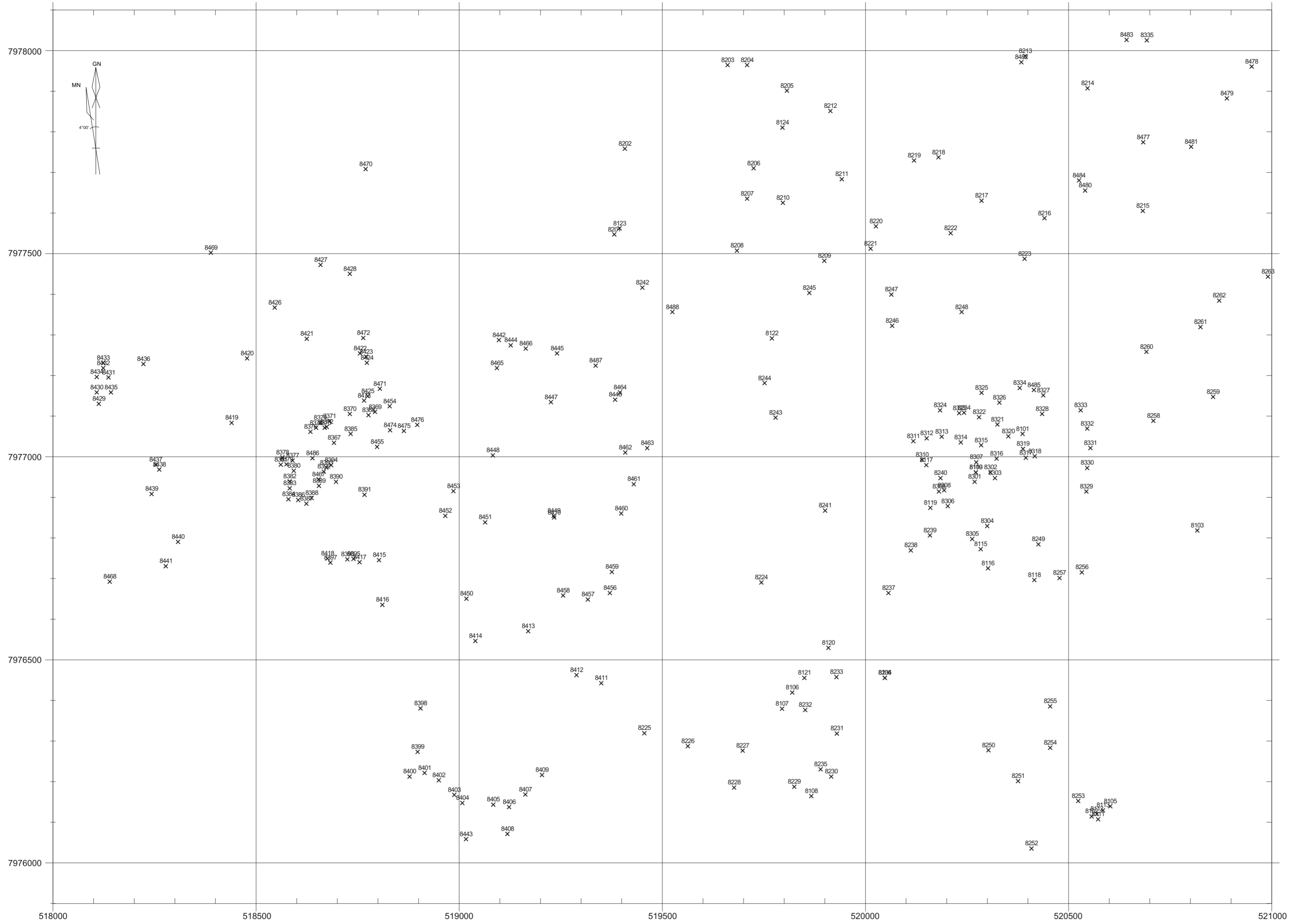




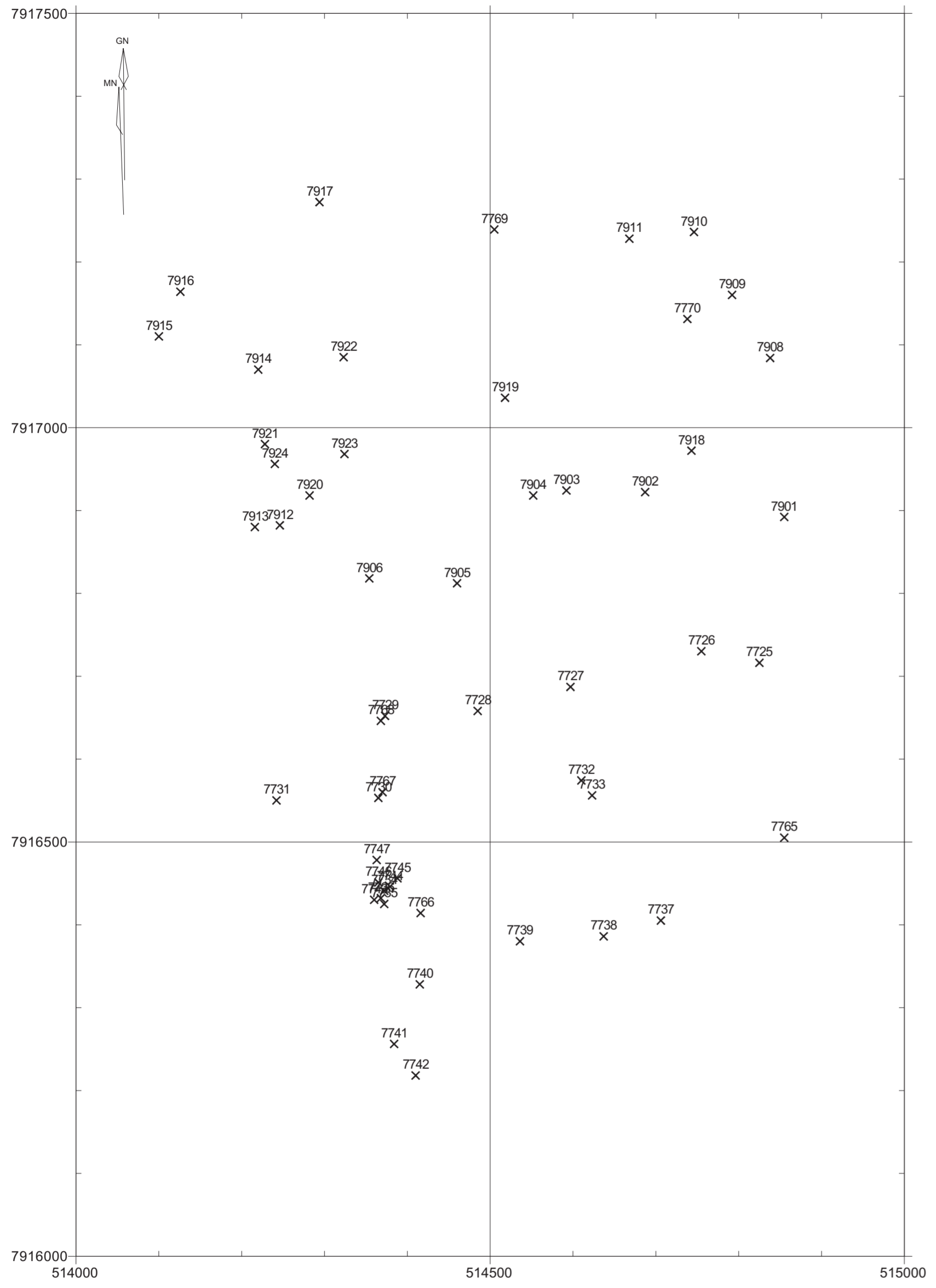
THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA  
Sample Location Map  
of  
the Chullani District  
(1:5,000)



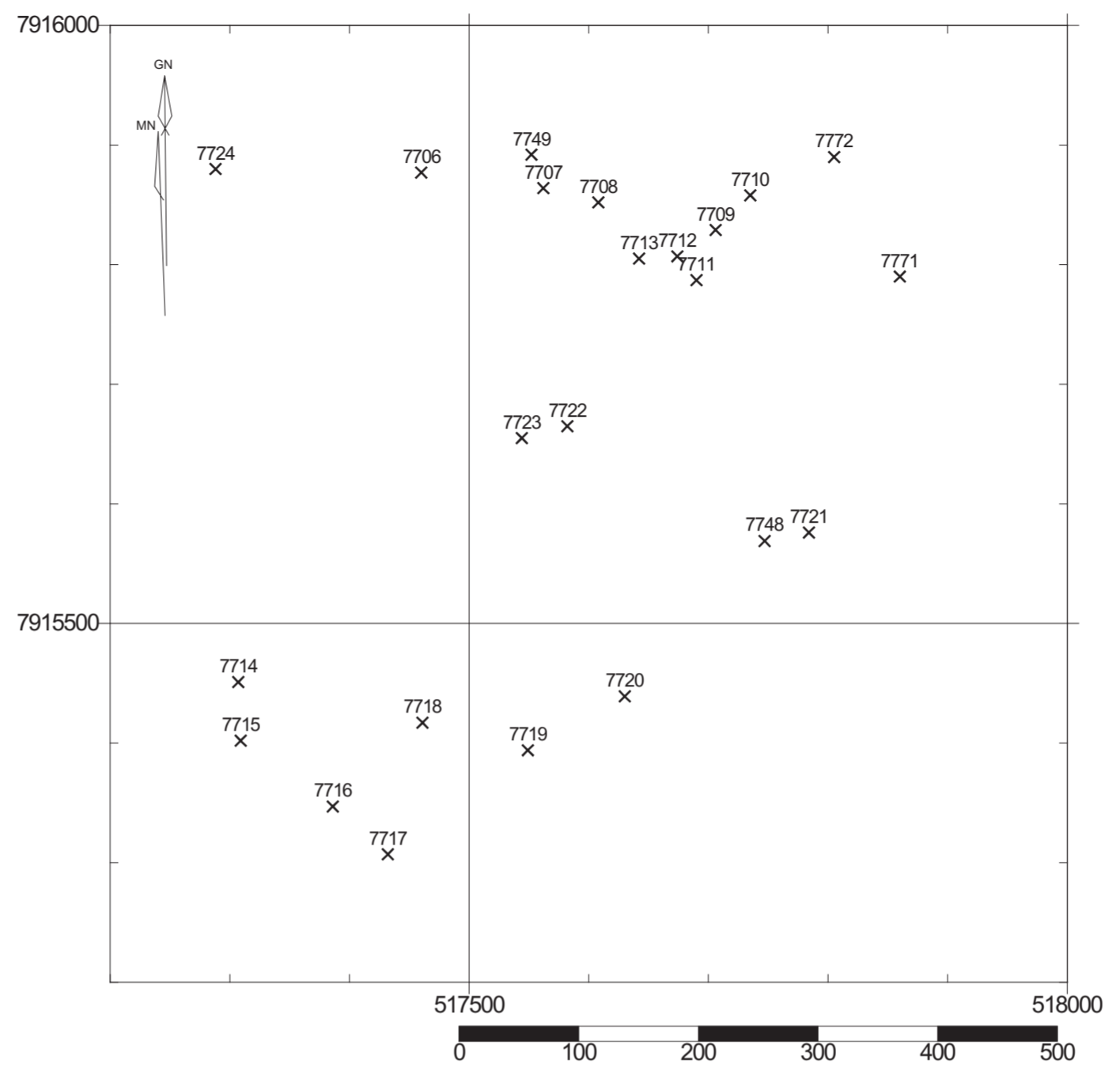
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JANUARY 2002



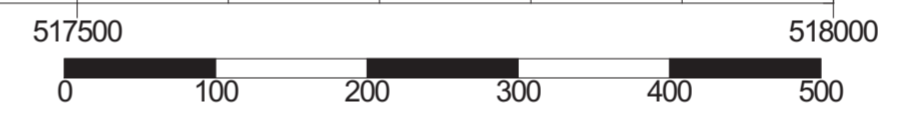




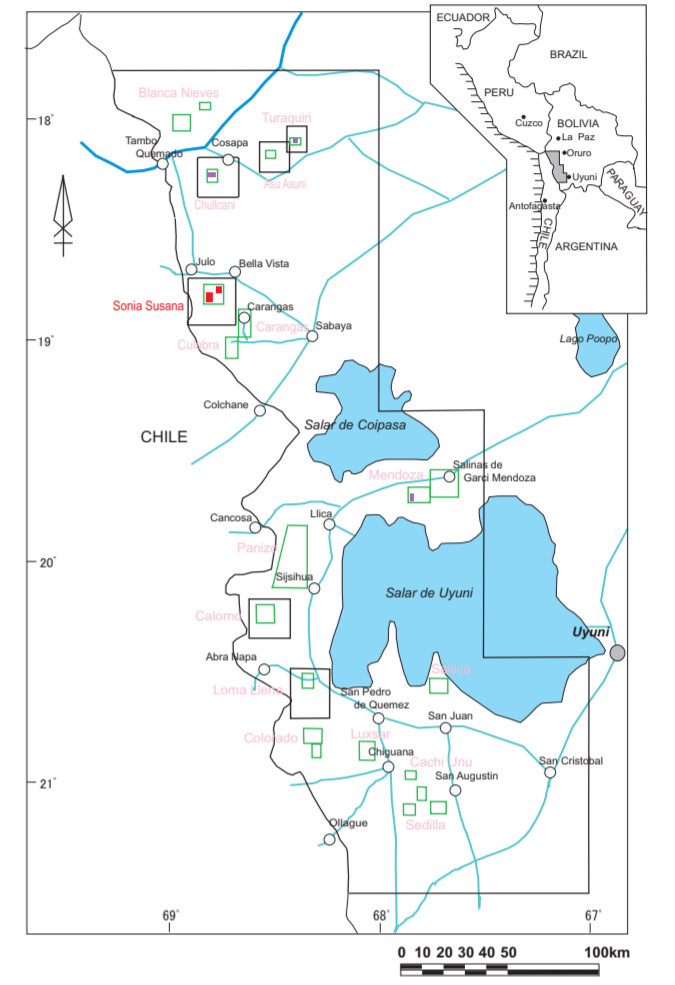
Jankho Kkollu Area



Santa Catalina Area



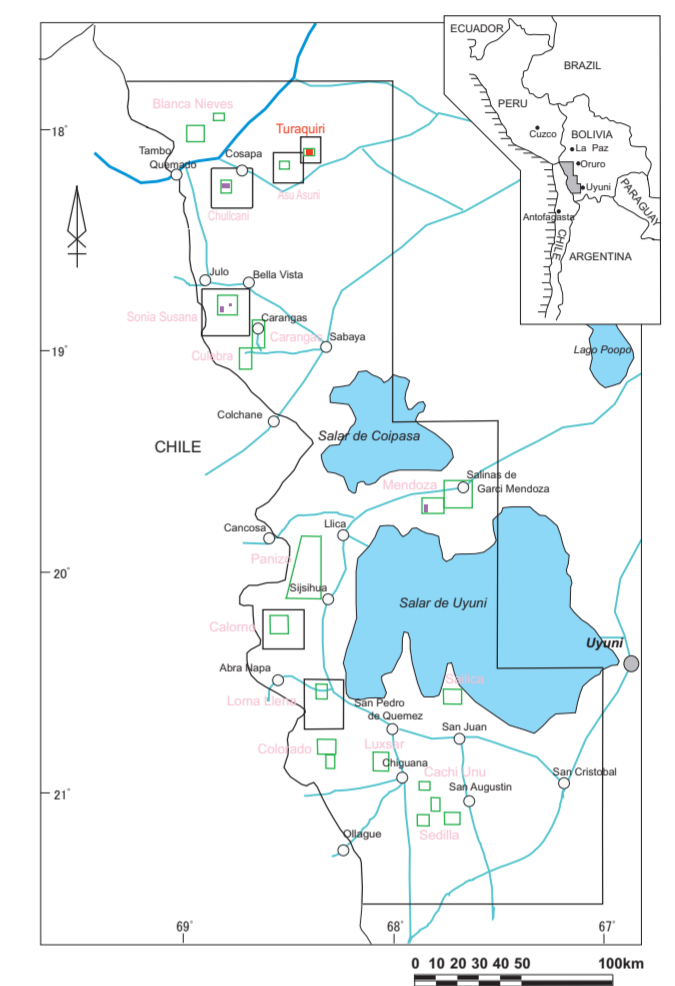
THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA  
Sample Location Map  
of  
the Sonia-Susana District  
(1:5,000)



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JANUARY 2002



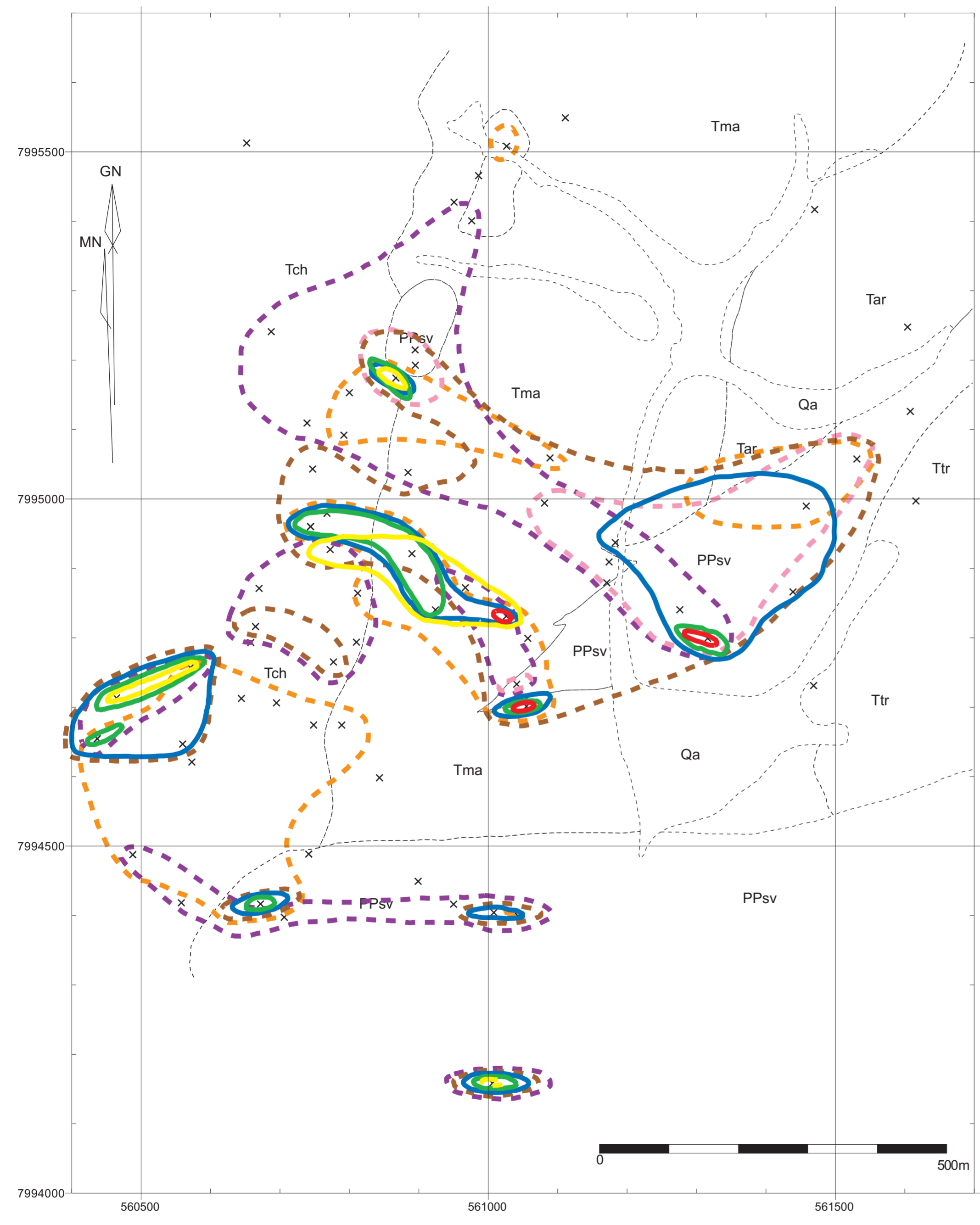
THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA  
Geochemical Anomaly Map  
of  
the Turaquiri District  
(1:5,000)



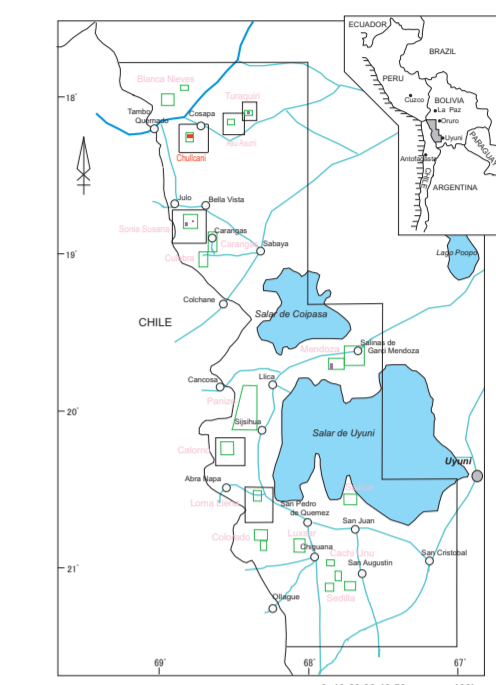
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JANUARY 2002

Geochemical Anomaly

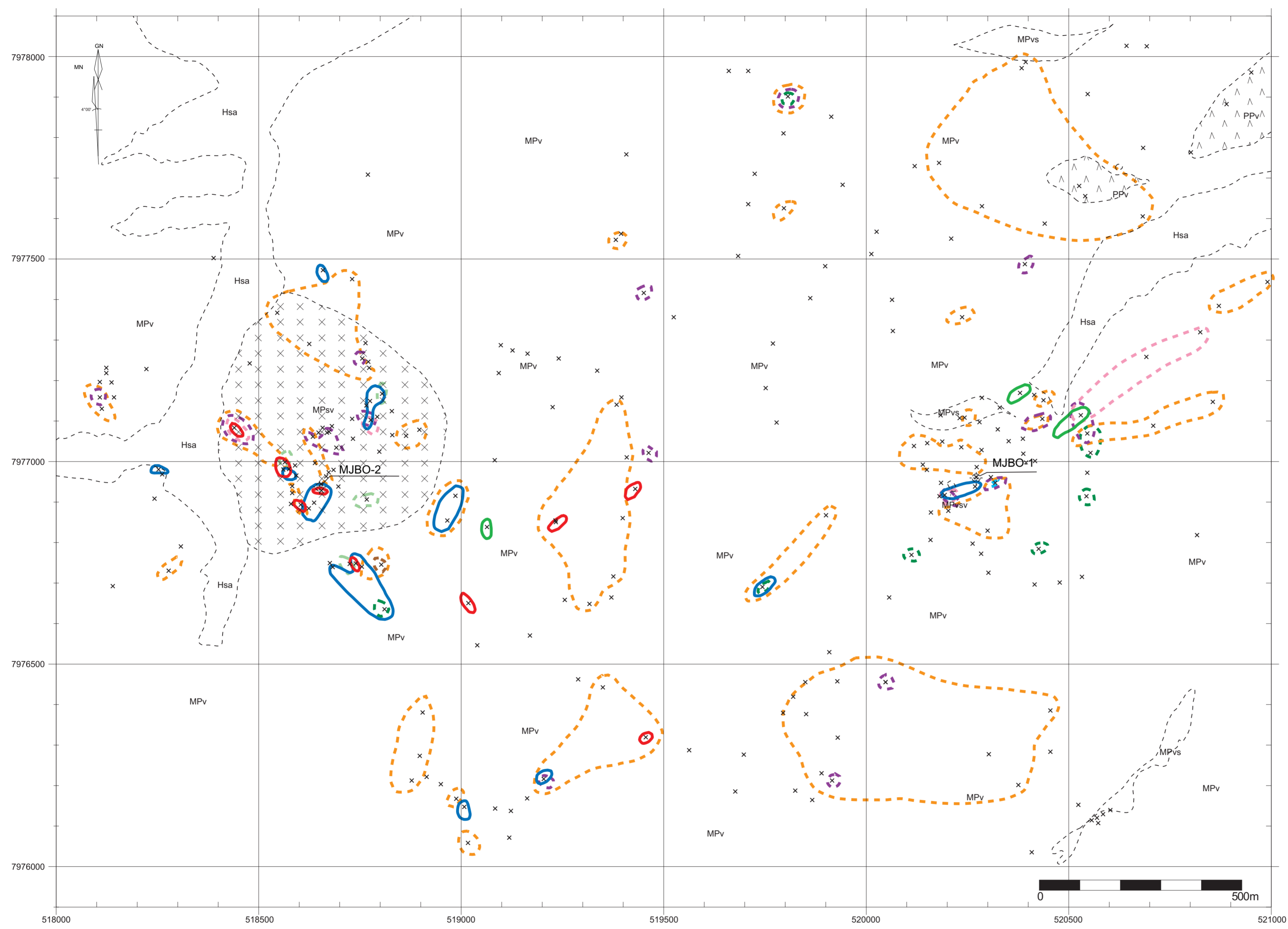
- Au > 70ppb
- Ag > 30ppm
- Cu > 90ppm
- Pb > 400ppm
- Zn > 230ppm
- As > 140ppm
- Sb > 90ppm
- Hg > 2ppm
- Mo > 80 ppm
- Ba > 1500ppm
- Sn > 10ppm



THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA  
Geochemical Anomaly Map  
of  
the Chullacani District  
(1:5,000)

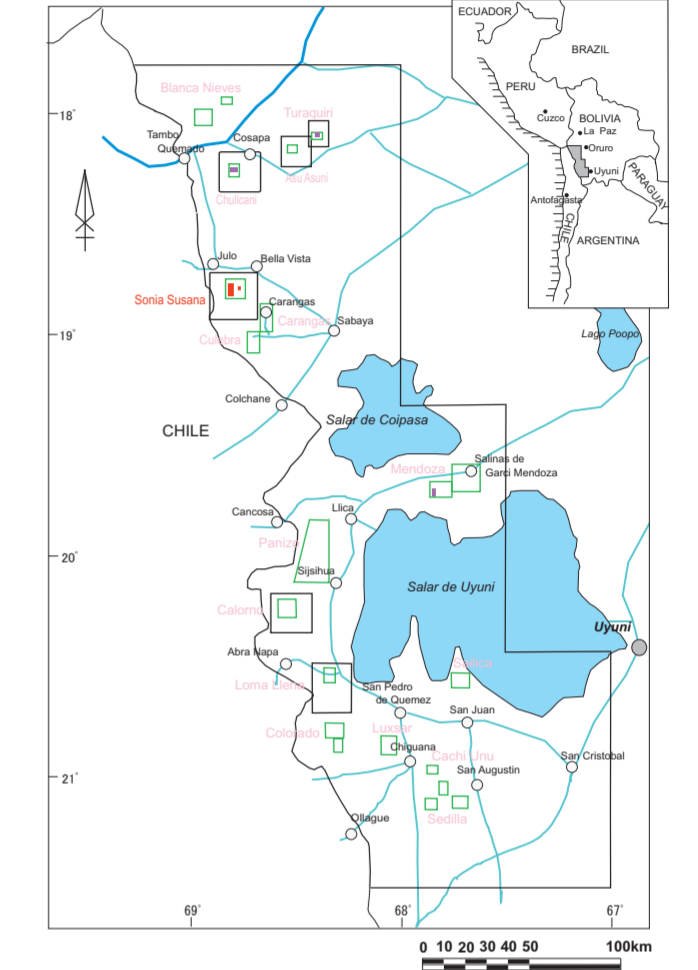


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METAL MINING AGENCY OF JAPAN  
JANUARY 2002



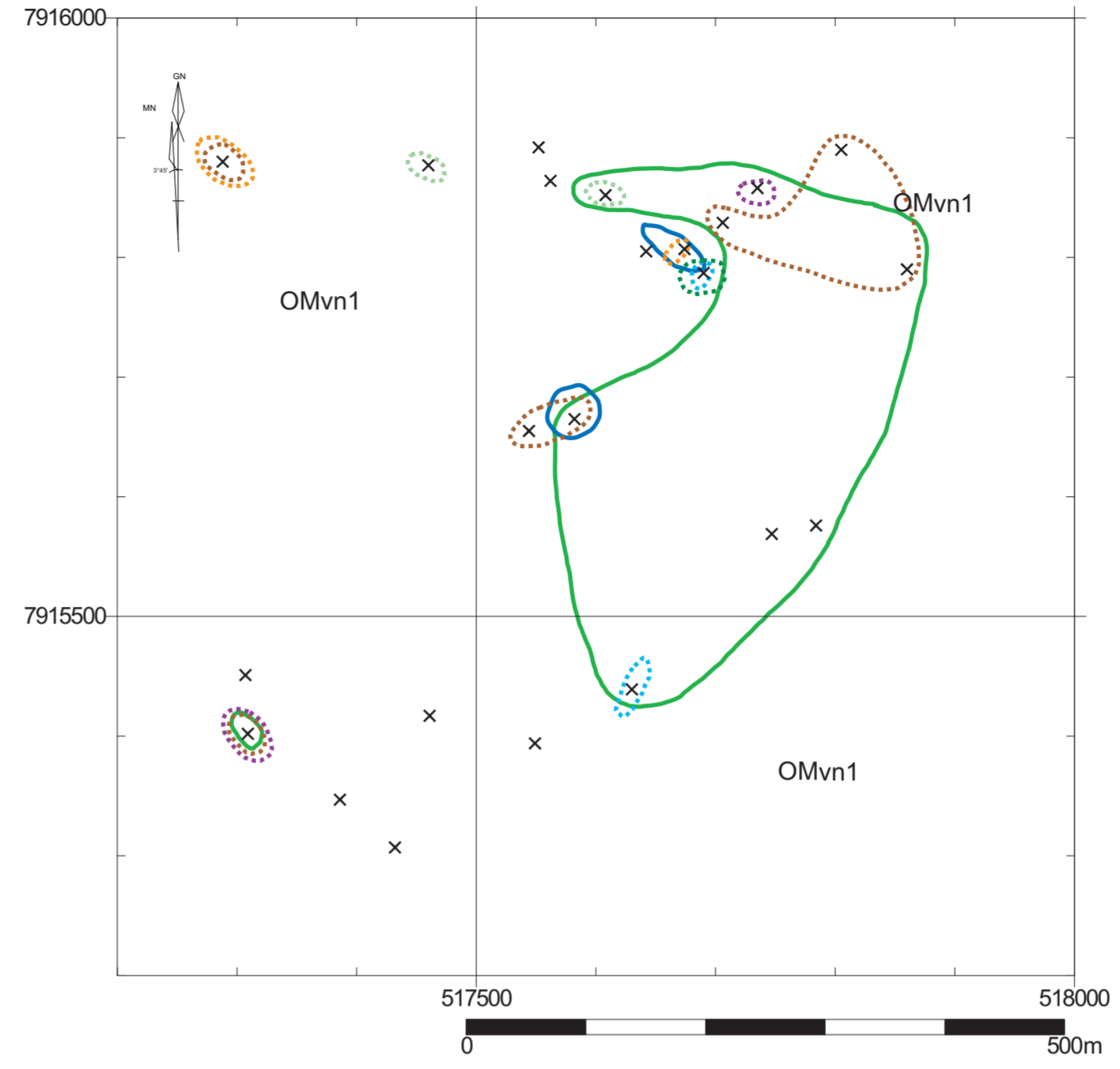
- Geochemical Anomaly
- Au > 70ppb
  - Ag > 30ppm
  - Cu > 90ppm
  - Pb > 400ppm
  - Zn > 230ppm
  - As > 140ppm
  - Sb > 90ppm
  - Hg > 2ppm
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  - Ba > 1500ppm
  - Sn > 10ppm

THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA  
Geochemical Anomaly Map  
of  
the Sonia-Susana District  
(1:5,000)



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METAL MINING AGENCY OF JAPAN  
JANUARY 2002

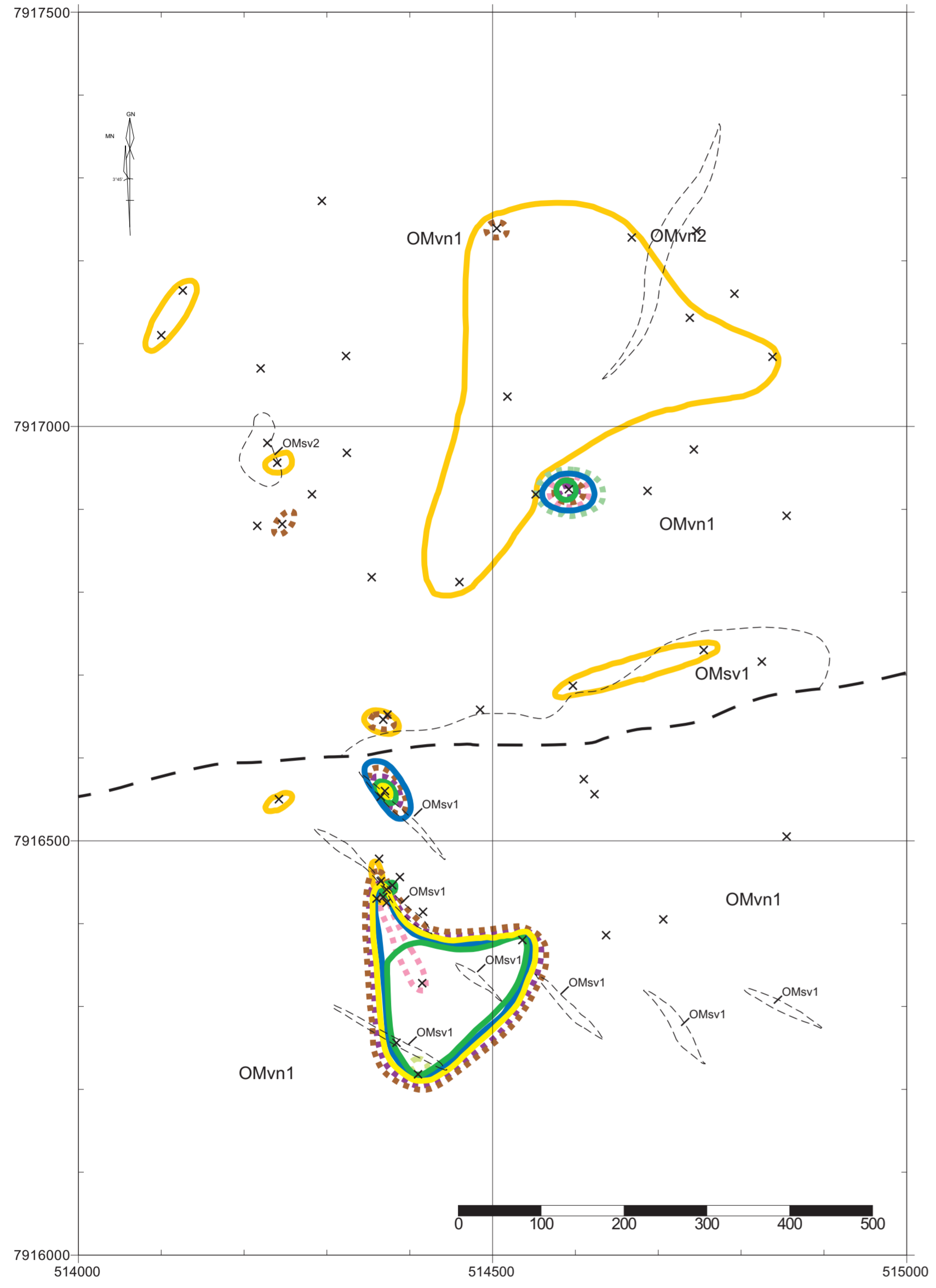
Santa Catalina



Geochemical Anomaly

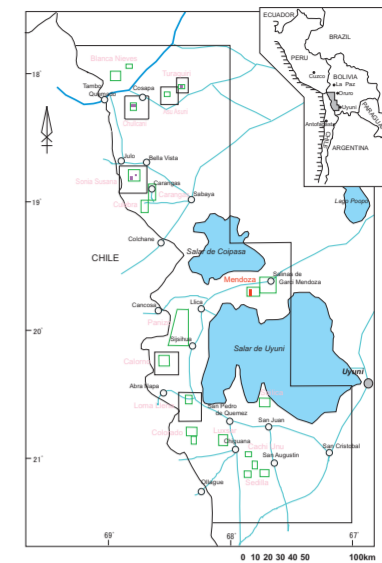
- Au > 70ppb
- Ag > 30ppm
- Cu > 90ppm
- Pb > 400ppm
- Zn > 230ppm
- As > 140ppm
- Sb > 90ppm
- Hg > 2ppm
- Mo > 80 ppm
- Ba > 1500ppm
- Sn > 10ppm

Jankho Kkollu

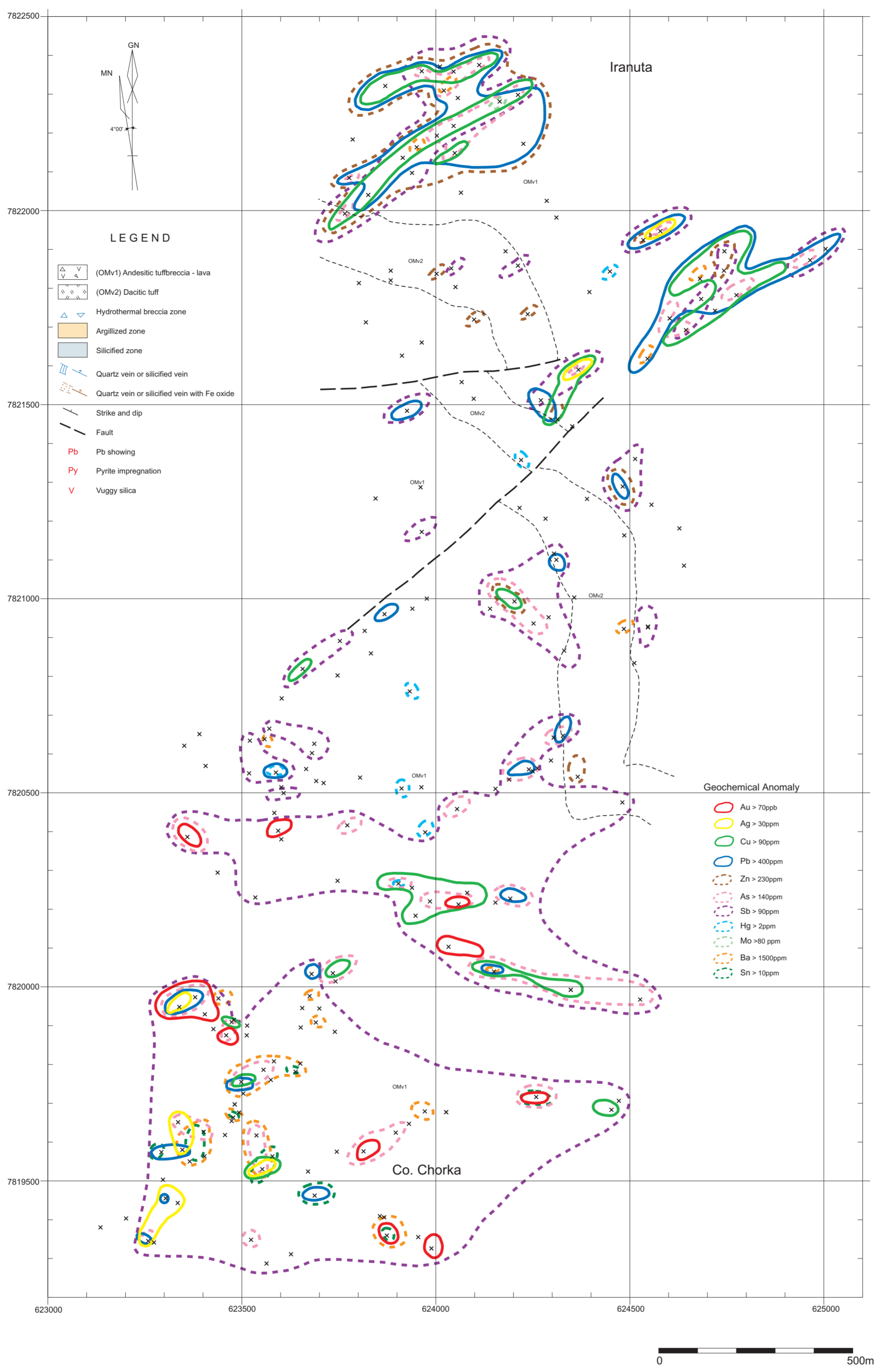




THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA  
Geochemical Anomaly Map  
of  
the Mendoza District  
(1:5,000)

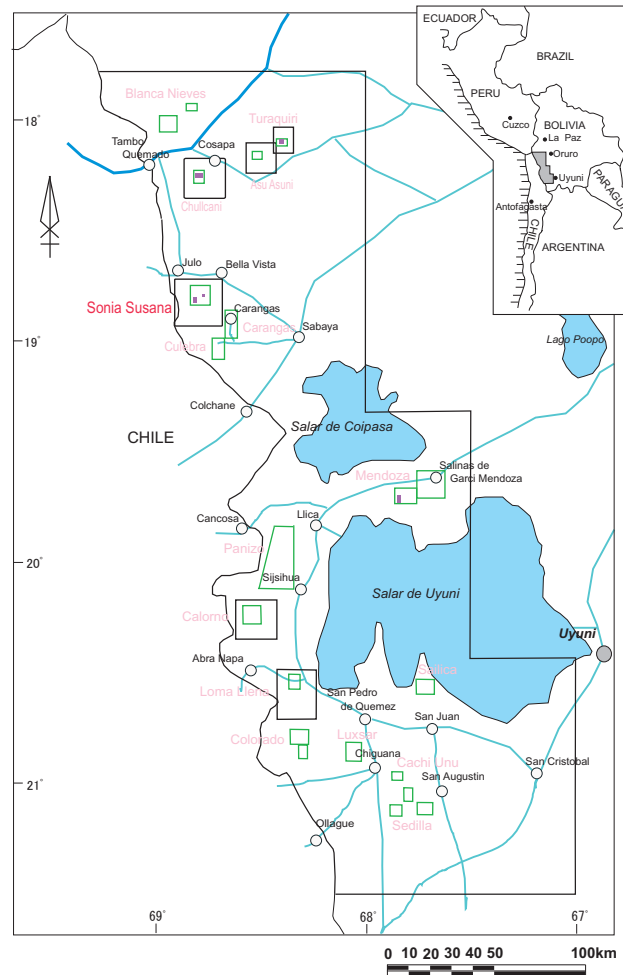


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METAL MINING AGENCY OF JAPAN  
JANUARY 2002



THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
OF  
THE REPUBLIC OF BOLIVIA

Geological Sketch  
in  
the Sonia - Susana District  
(Jankho Kkollu)



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