# Appendix 3 Microscopic Observation of Polished Sections



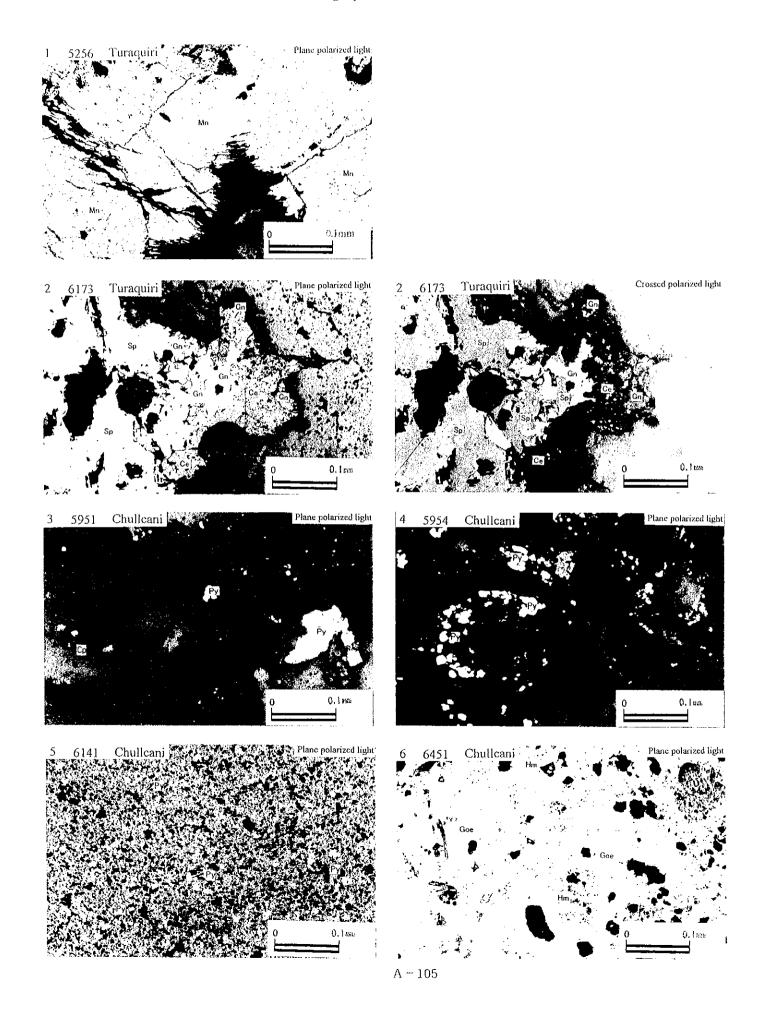
ne (9)	San	Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Мо	Ва	Sn
	N	dqq	ppm	ppm	ppm	ppn	ppm	ppm	ppm	ppm	ppm	ppm
560,575	52	<2	10.2	47	1298	3638	30	<5	⟨1	<1	479	</td
561,012	61	30	150	106	9308	940	101	19	<b>&lt;1</b>	11	7963	ζ:
518,637	59	172	4	9	189	<2	20	6	⟨!	6	577	
518,000	59	⟨2	⟨.5	13	20	3	13	8	<b>&lt;1</b>	2	1514	ζ:
519,939	61	9	0,9	13	13	4	24	<5	⟨1	12	728	⟨₹
520,423	64	<2	0.6	156	129	47	443	5	<1	21	648	< 5
519,282	69	⟨2	<.5	18	5	3	<5	<5	ζ1	15	681	<:
518,959	69	16	<.5	27	114	19	23	<5	⟨1	4	147	<₹
517,608	50		mer manager of the de	tot-do								
517,492	59	11	2.1	133	73	130	119	8	<b>&lt;1</b>	36	926	
517,776	59	25	2.3	230	8	141	12	<5	<b>(1</b>	1	487	16
518,747	60	<2	⟨.5	44	51	174	14	<5	<b>&lt;1</b>	4	1542	⟨₹
546,364	42	2	<.5	127	9	209	8	9	<b>&lt;1</b>	1	1666	<b>&lt;</b> :
545,574	47	<2	<.5	28	35	27	1226	<5	<1	<1	517	<5
547,756	56	<2	<.5	41	55	50	59	25	<b>(1</b>	6	542	\. \!
505,117	69	<2	<.5	10	5	3	11	<5	<u>΄΄</u> (1	21	100	\ <u>`</u>
521,124	61	<2	<.5	13	201	15	⟨5	<5	<1	2	1321	\. \.
520,984	61	<2	<.5	33	1889	27	16	<5	(1)	<1	925	⟨5
521,278	62	<2	134.1	38	2020	40	1442	16	<b>۲</b> 1	6	1156	6
521,278	62	<2	30.3	53	1908	24	23	<5	<1	6	581	9
520,936	70	<2	<.5	7	21	12	7	6	<1	<1	1966	<5
	123	<2	10.3	16	605	23	73	<5	<1	14	4433	10
539,256	60	2	84.2	225	92700	60970	74	85	<1	155	547	<5
539,547	57	⟨2	1104	761	15268	223602	106	360	<1	128	115	<5
539,698	57	<2	208.8	413	10937	12251	112	176	<1	1	576	<5
537,344	49											
634,620	57	40	246.4	196	4283	248	87	34	<1	10	127	<5
634,972	57	88	949	581	6188	4565	65	38	<1	17	48	⟨5
635,461	57	1044	104	2649	185800	139206	73	46	<b>&lt;</b> 1	11	37	<5
635,506	57	1062	104.3	3886	109100	147627	125	37	۲۱	24	57	⟨5
635,382	63	1197	674	65650	727	232	28934	1050	7.7992	4	40	421
634,770	63	1422	1240	2390	33400	55825	351	130	<1	14	69	· 15
626,414	63	<2	<.5	9	13	44	15	<5	<1	<1	847	<5
624,333	63	19	76.7	438	241100	14246	82	100	<1	10	582	<5
567,019	54	1305	79.8	361	59000	40275	1949	51	<1	107	72	⟨5
567,019	54	348	83.8	1358	37700	279334	274	58	<b>&lt;</b> 1	1	189	<5
567,019	54	284	171.1	4097	89500	229006	553	350	<b>&lt;1</b>	18	85	<5
567,019	54	225	209.5	5051	116800	354923	549	387	⟨1	33	89	<5
567,019	54	460	982	5402	82600	292821	1125	368	<1	53	203	<5
567,217	54	549	338	26705	5613	65781	510	93	<1	10	39	31
567,217	54	1197	678	47279	1688	35657	888	446	1>	15	<2	83
567,217	54	660	470	23476	29500	107054	1271	193	<1	15	25	39
638,256	28	<2	<.5	11	12	30	10	<5	<1	8	1133	<5
638,462	29	⟨2	<.5	22	31	60	23	<5	<1	2	1301	<5
631,549	20	4	11.3	1186	1285	1315	252	35	<1	35	20	<5
616,020	21	<2	<.5	6	15	15	7	<5	<1	2	1014	<5
616,050	21	⟨2	<.5	6	44	18	56	<5	<1	2	802	⟨₹
635,205	20	<2	15.5	60406	<3	139	<5	<5	<1	1	1453	<5
634,086	21	⟨2	<.5	7	18	27	8	<5	<1	4	1437	<5
633,776	28	<2	<.5	5	33	38	21	<5	<1	2	1277	<5
ť	20 21	35,205 34,086	635,205 <2 634,086 <2	635,205 <2 15.5 634,086 <2 <.5	635,205 <2 15.5 60406 634,086 <2 <.5 7	635,205 <2 15.5 60406 <3 634,086 <2 <.5 7 18	635,205	335,205 <2 15.5 60406 <3 139 <5 334,086 <2 <.5 7 18 27 8	335,205	335,205	335,205	335,205

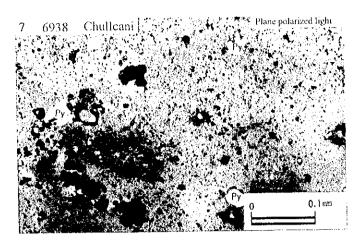
Appendix 3-1 Sample List of Labratry Works (Polished Section)

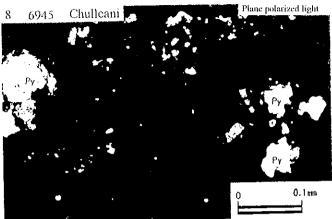
No.	Location	Sample	No. Sample Name	Pyrite	Chalcopyrite	Sphalerite	Galena	Bornite	Covelline	Molybdenite	Enargite	Pyrargynte	Polybasite	Pearoite?	Tetrahedrite	Tennantite	Freibergite	Electrum		Magnetite	Hematite	Goethite	Mangan oxide	Titanium oxide	Cuprite	Tenorite	Chrysocolia	Cerussite	Remarks N60E.Mn v
<del>Ĭ</del> Ţ╂	Turaquiri	5256	wk-arg v wd:0.4m Mn	×	×	×																×	0				<del> </del>	-	Pb-Ba dump sample
2	Turaquiri	6173	gn-Ba ore	×		×	0												<del></del> +		-:-					-			py imp
3	Chulicani	5951	vs-sil and	×	×										[.						_×_				_		$\overline{}$		py imp
1	Chullcani	5954	vs-sil tf(an?)	0	×																×				-			<del></del>	sil z:N70E.py imp
5	Chullcani	6141	s-sil lens wth qz	Δ										$\longrightarrow$							· X	0				-		<del>                                     </del>	Fe oxd in mtrx
6	Chullcani	6451	hyd br						<u> </u>												-^-		-				$\overline{}$	<del> </del>	py imp
7	Chullcani	6938	vs-sil alt r	×													<del></del>				×				-		_	<del> </del>	py imp in part
8	Chullcani	6945	sil v with hem	$\Box$						1		L					<del>                                     </del>						-		-			1	grn Cu py imp
9	Sonia Susana	5000	s-sil tf	Δ	Δ	×		<u> </u>		×							$\vdash$												py imp
10	Sonia Susana	5913	m-sil wk-arg alt-an	0								L			<del></del>						×			×			$\overline{}$		py imp
11	Sonia Susana	5946	m-arg sil 2 in prpy an	0		ļ	<u> </u>		-	<b></b>					$\vdash$		<del></del>				â		-+	<del></del> -					py hem imp
12	Sonia Susana	5042	wk-sil m-arg da	Δ	×	Ь—	L	<u> </u>	L	-	<u> </u>	<b>-</b>			<b></b>		<del> </del>			0	$\frac{\Delta}{\Delta}$	×						<del></del>	
13	Calorno	4209	an with m-chl vit	<u></u>		<u> </u>	<b>_</b>	<u> </u>	<u> </u>					ļ			┝		<del></del> }	$\overline{}$	<u>©</u>	ô	<del></del>		$\vdash$			†	ov imp
14	Calorno	4786	goss in s-arg r	×		<u> </u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>					$\vdash$											1	
15	Calorno	5682	vs-sil v			<u> </u>	<u> </u>	<u> </u>		ļ. '		<u> </u>			$\vdash$		<del>                                     </del>		<del></del>	<del>-  </del>				0					
16	Blanca Nieves Blanca		vs-sil hyd-br pipe	<del>  -</del>	<u> </u>	<b>├</b>	<del>  -</del> -	<b>├</b> ──	<del>                                     </del>	+	<u> </u>				$\vdash$		<del>  </del>	-			×				<u> </u>				py imp
17	Blanca Nieves Titio		m-arg V	Δ	ļ		<b>├</b> ─		₩	<del> </del>			-		<del>   </del>			-			×							1	py imp
18	Blanca Nieves Titio		m-sil hyd br	×	-	<u> </u>		<del>-</del>	├	<del>  -</del>	<del> </del>	-					1				×	Δ	_	_		$\vdash$			at trench, gossan
19	Bianca Nieves Titio		vs-arg vg s-limobr-lptf	╀.	<del> </del>	-			<del></del>	<del> </del>		├	-	_	-		<del>   </del>												at trench, py imp
20	Blanca Nieves Titio		∨s-sil iptf	14	ļ <u>.</u>	<del> </del>			<del> </del>	-				-			-	_	-		×				l				py imp
21	Blanca Nieves Titio		vs-sil vlt	△	<u> </u>	<del> </del>	ļ		<del> </del>	+		├		-			- 1	_			Δ	0						T	
22	Blanca Nieves Titio		gossan(hyd-br)	1	<del></del>		-	×	×	<del> </del>		×	×				×											Γ	dump sample
23	Carangas Esp		gn sp py cp ore	×	×	0	×		<del>  ^</del>	+	<del>                                     </del>	<del>l ^</del>	<del></del>		×		<del> </del>						0						dump sample
24	Carangas San A		sp crystall	l ×	×	0	10	-		-	<del> </del>	├-			-		1					•	0						dump sample
25	Carangas San A		Mn ore	<u> </u>	-	ļ .:-	1	×	×	<del> </del>	×		×		1		×					×			T			1	dump sample
26	Carangas San Fr		bk qz with py cp	Ìõ	Ų.	×	×	- ^	<del>  ^</del>	+	<del>  ^-</del>	$\vdash$	×																
27	Mendoza La De			ΙÖ	-	×	×	×	×	<del> </del>	-	<del> </del>	×		×				-							Ī		I	dump sample
28		seada 5751	py qz v	<b>)</b> 🕲	├	10	ô	+^	<del>  ^</del>	+-	-	┪	<del></del>		1														dump sample
29	Mendoza La De		gn sp ore	×	×	18	0	1	┼──	+	<del> </del>	×	×	<del></del>							×	-							dump sample
30		seada 5755	gn sp ore	18	_ ×	l ×	W		×	+	0	<del>  ^</del>	<del>  ~</del>	×	1		-	т-				×		Δ					dump sample
31		alupe 6344	en py po are	A	×	<del>l</del> ô	6	+-	1-	-	<u> </u>	-	-		×	×		×										1	dump sample
32		Luisa 6385		18	<del>  ^</del>	1-9	<del>  _</del> -	+-	<del> </del>	+	├~~	$\vdash$										×		Ì		<u>l</u>		Щ.	py imp ep qz ca!
33		outa 6332		<del>  ×</del>	+	+	0		×	┪┈┈		1	1	1	1		Τ					0		1			↓	10	
34	Mendoza Irar				×	10	X	+-	×			†	<u> </u>	1	×												$\vdash$	4	py imp
35	Panizo Chinch			_	<del>  x</del>	Tö	<del>  -</del>	<b>†</b>	1	1	1	1	1		×											<u> </u>	<del> </del>	$\bot$	py imp
36	Panizo Chinch			+ ×	1 ×		8	<del>                                     </del>	<del>1</del>	1	1		T		×											L	₩	<del></del>	py imp
37	Panizo Chinch	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	gn sp v in s-arg da	1 ô			Δ	† · · ·	1	1	<del>                                     </del>	<u> </u>	1		Δ		1									1	<del></del>	┿	py imp
38				<u> </u>	×		† <del>-</del>	1		1		1			×										<del> </del>	<u> </u>	—	+-	py imp
39				1 8	tô			×	×			1			Δ	×								<u> </u>	×	<b></b>	₩	1-	dump sample
40				1 👸				1	×	+		T-	1		×										1	1	—	<del> </del>	dump sample
41				<b>+</b> ₹	<del>T ×</del>			<del> </del>	×	1	1	1	×		×	×		×			L	L	L	ļ	-	ļ	—	1	dump sample
42				+ <del>×</del>	<del> </del>	1 8	<del>                                     </del>	1	1	1	1	T										<u> </u>		1	<b> </b>	1		—	py imp dump sample
43		mar 289°		ô	1	1	†	1	1	1											<u> </u>	L	<del>  -</del>	-	<u> </u>	<del> </del>	₩	<del></del>	py imp.E-W,40S/N15W.80
44		icion 203		×	-	1	+	1	1	1	1										Δ	Δ	<u> </u>	<u> </u>	_		↓		skarn?
45		211		×	1	1	<u> </u>			Τ.										<u> </u>	ļ		<u> </u>	<u> </u>	<u> </u>	<del> </del>	$\leftarrow$	+	py imp
46	Cachi Unu	211		1 ×	_	_	1		1											L	<b>⊢</b>	ļ	ļ	<u> </u>	L	۲.	<del>↓ .</del>	+	py imp
47	Cachi Unu	(apa 201)		×	1		1	<del>                                     </del>	1	$\top$										L	ļ		<b>!</b>	ļ	×		$\perp$		green Cu imp
48				ΙÂ	1	+	1	+	1	1	1								L		×		<u> </u>	<del></del>	1	<del> </del>	₩		py imp
49	Sedilla Est	(apa 2194 (apa 285)		<del>  \</del>	+		1	<del> </del>	1				1	T	1		1		1	I	i	L	L	f .	L	1	L		py imp

Appendix 3-2 Results of Microscopic Observations of Polished Sections

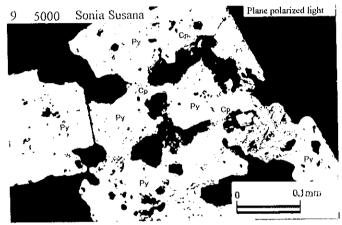
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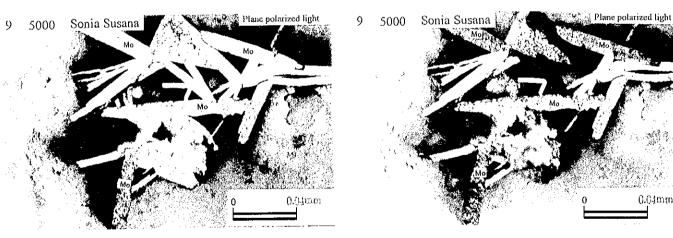


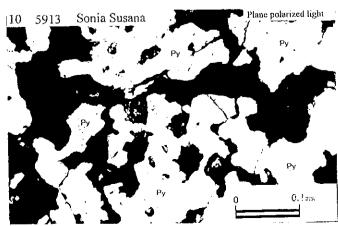


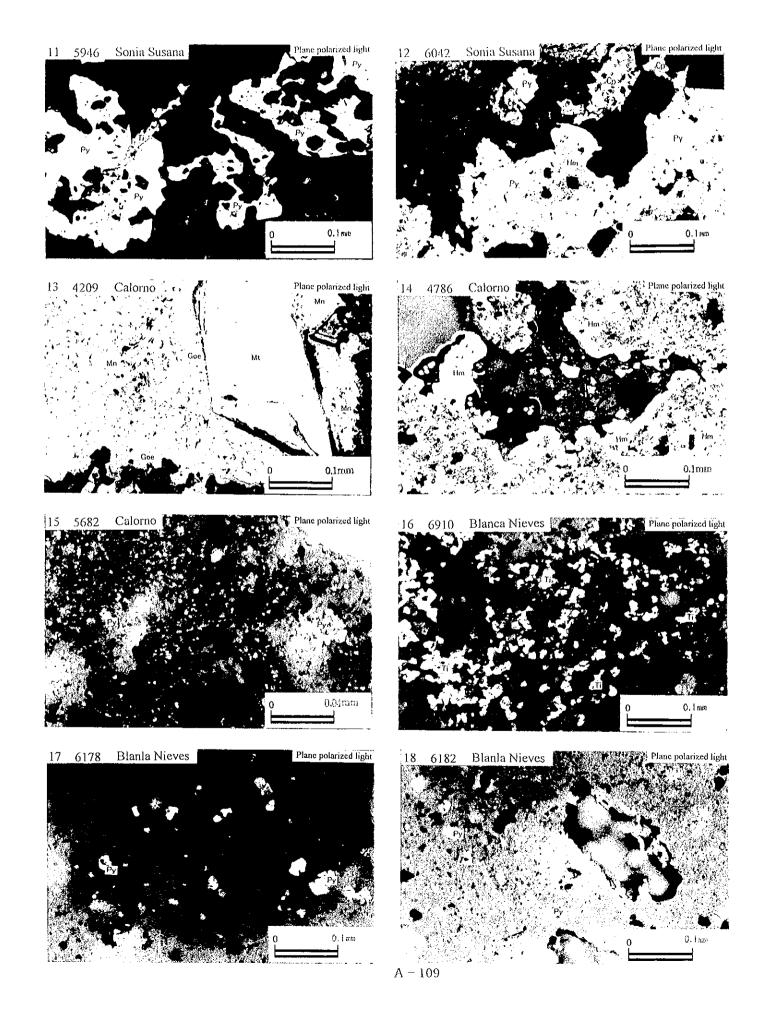


0.04mm

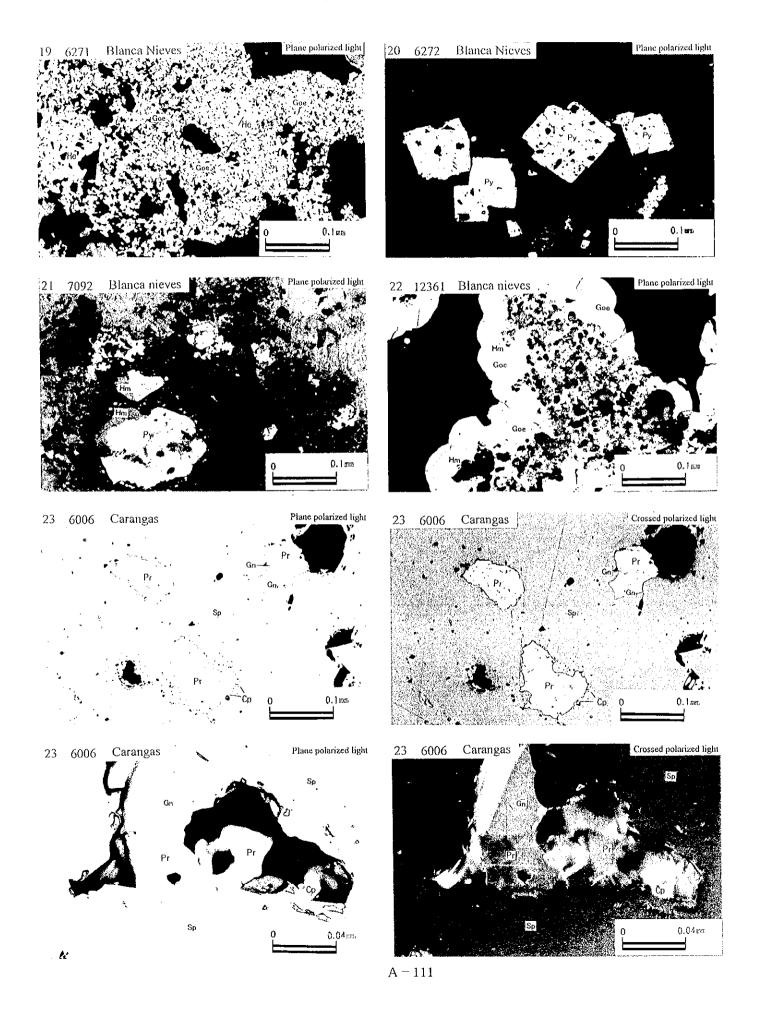




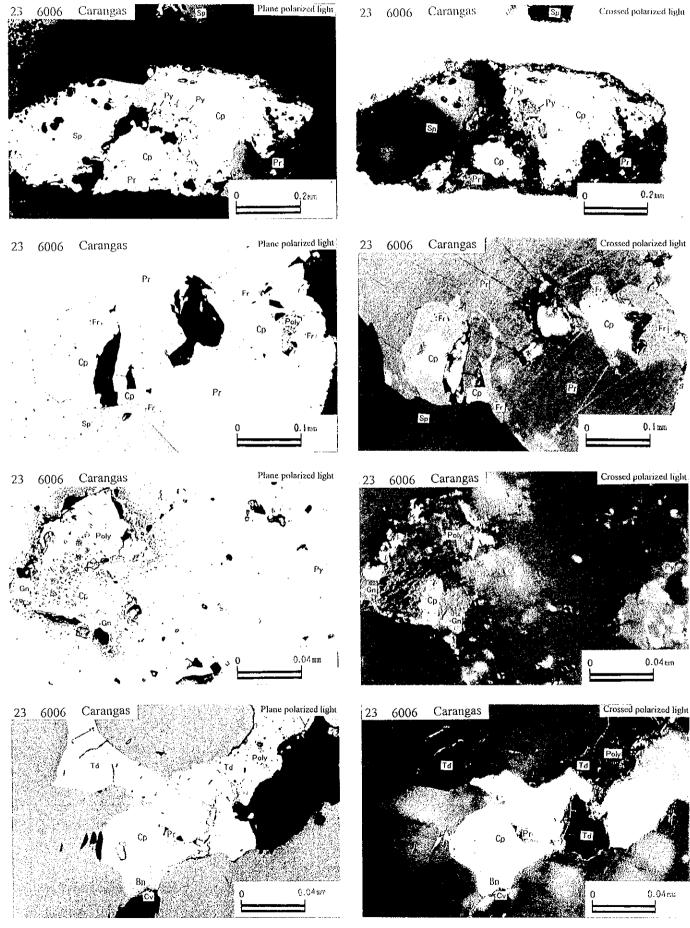




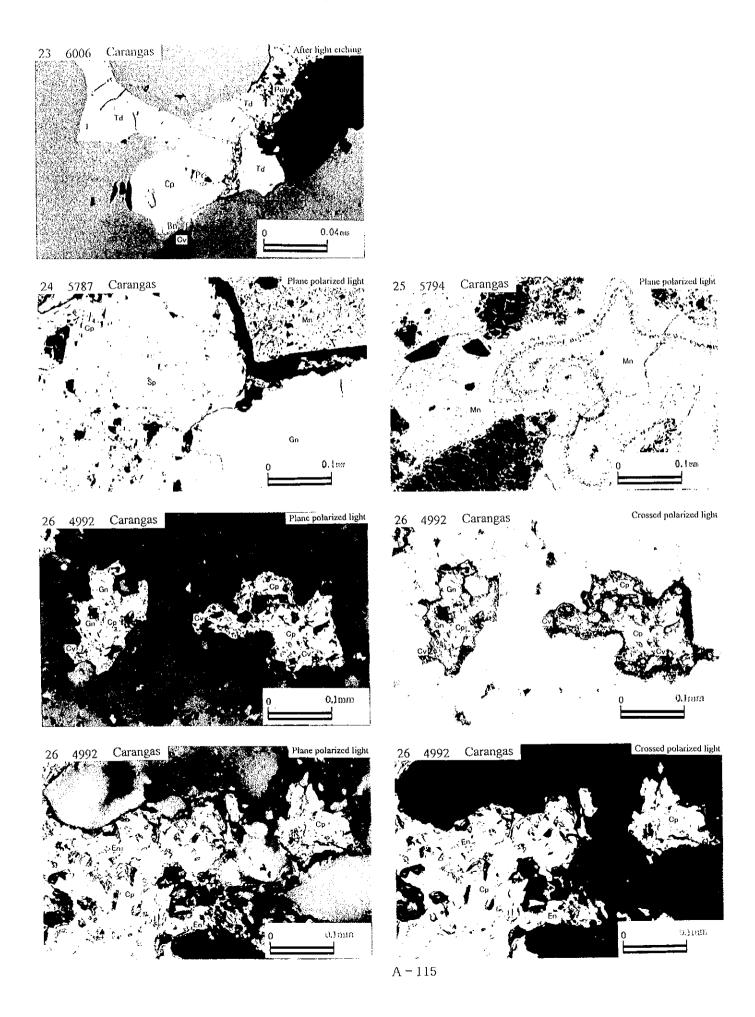
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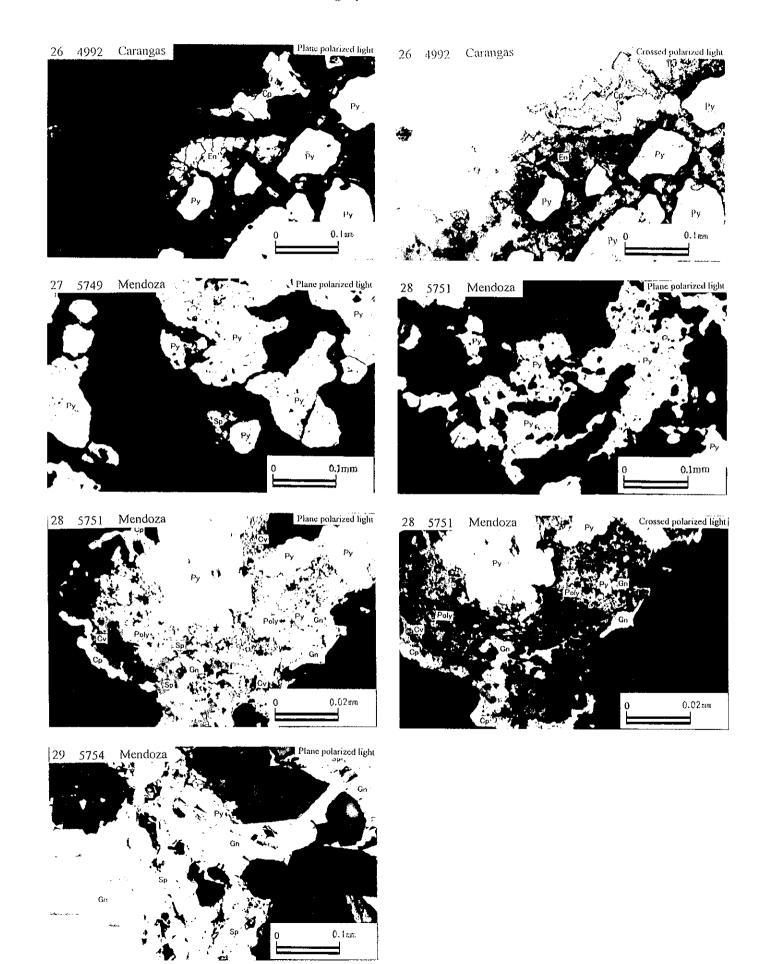


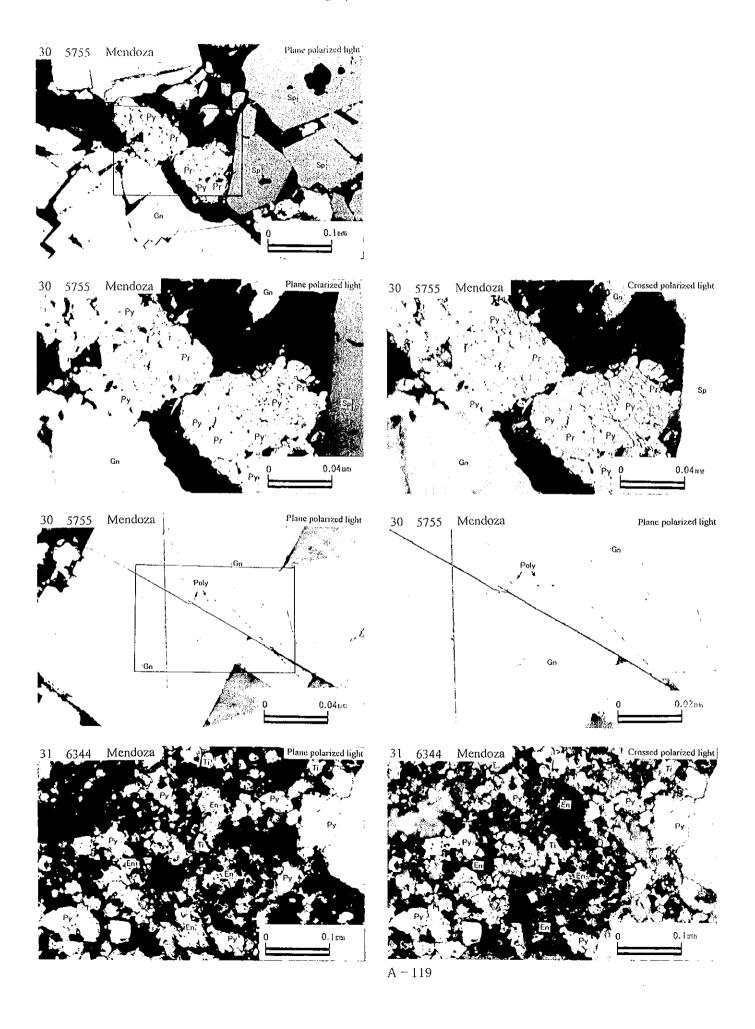




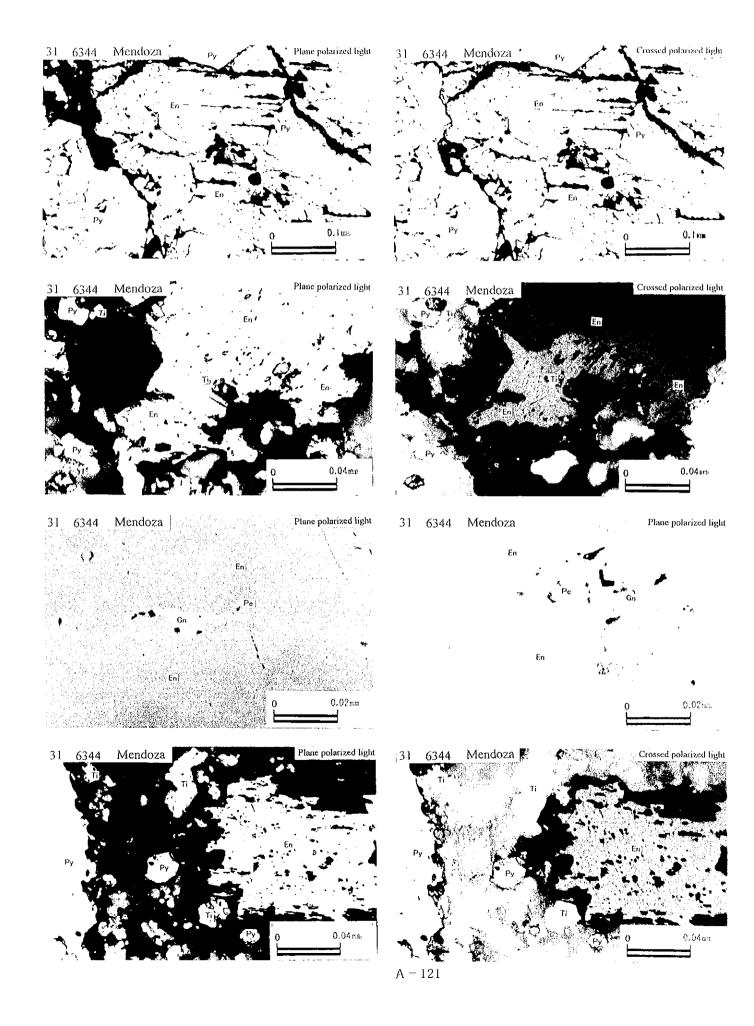
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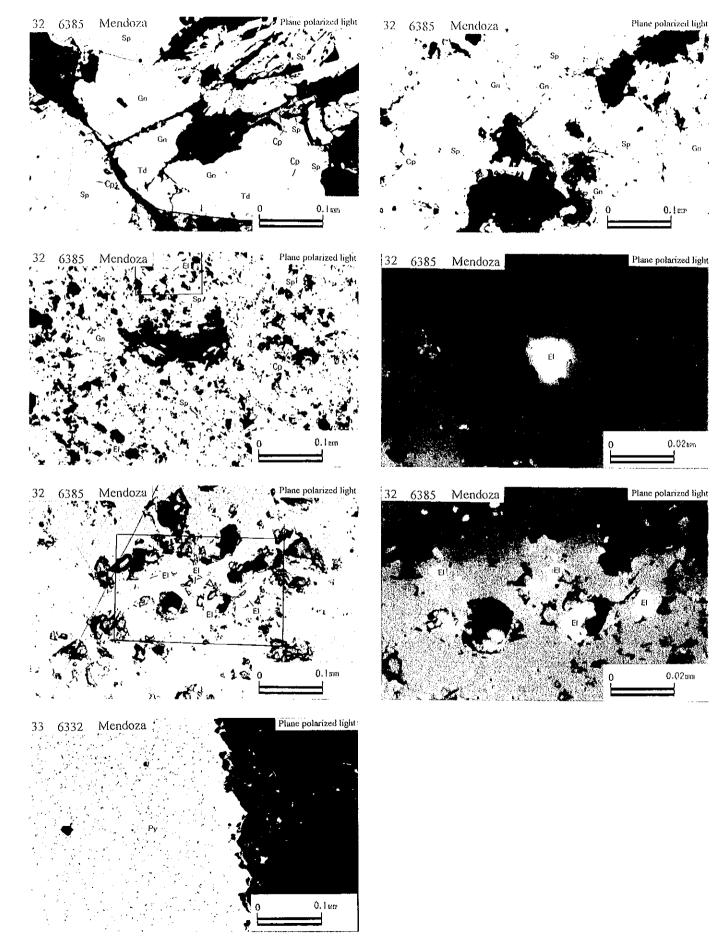




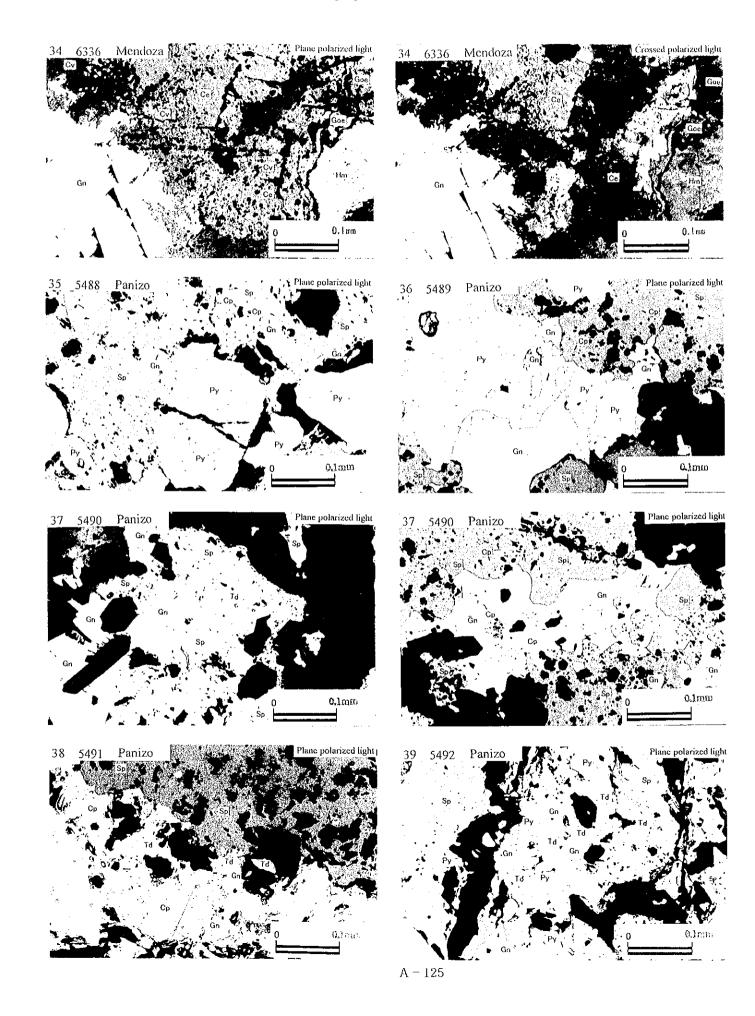




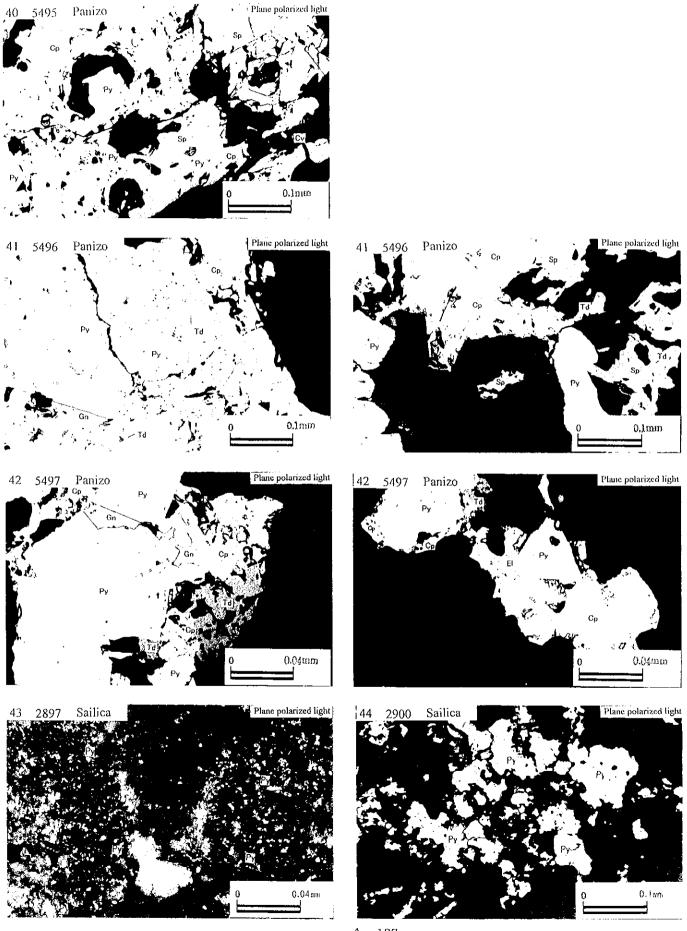




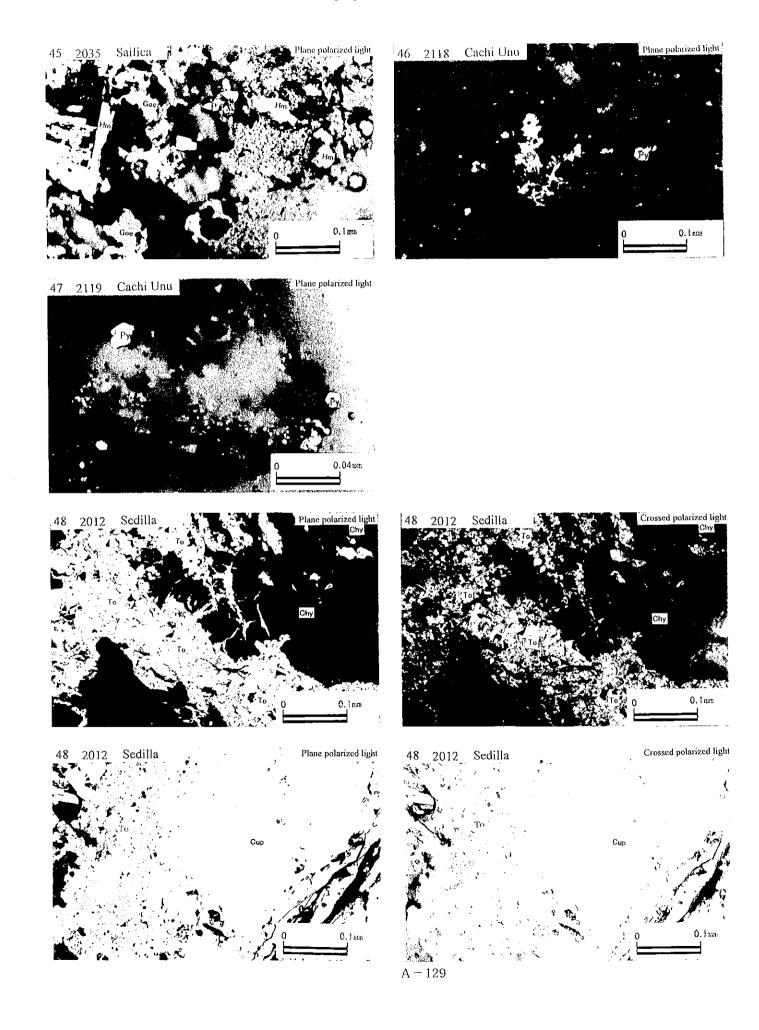


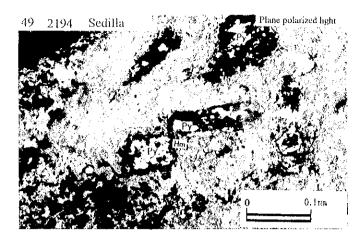


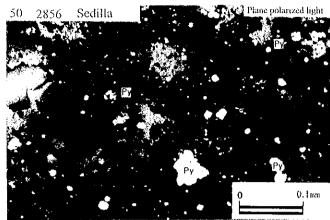




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# Appendix 4 X-ray Diffraction Analysis



	Sample			UTM (Z	one 19)	Au	Ag	Cu	Рb	Zn	As	Sb	Hg	Мо	Ba	Sn
No,	No.	District	Location	N	E	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	6962	Asu Asuni		7,984,285	552,570	<2	<.5	7	6	3	15	<5	<u> </u>	11	601	<5
2	6973	Asu Asuni	100	7,984,085	552,438	<2	<.5	7	4	<2	7	<5	<1	15	189	<5
3	6974	Asu Asuni	THE PARTY OF THE P	7,984,109	552,448	⟨2	<.5	4	11	7	14	⟨5	<1	3	52 i	<5
4	4974	Chullcani	THE PROPERTY CONTROL OF THE PARTY OF THE PAR	7,976,809	520,095									,,,		F-0
5	5157	Chullcani		7,976,343	517,420	<2	<.5	12	17	7	25	9	<1	<1	1658	<5
6	5168	Chullcani	and the second s	7,976,028	517,580	<2	<.5	11	6	13	11	10	<1	<1	972	<5
7	5169	Chullcani	. 1	7,976,428	517,350	<2	<.5	34	19	11	19	8	<1	<1	276	
8	5202	Chullcani		7,977,154	518,460	<2	<.5	18	40	204	6	10	<1	<1	1210	
9	5283	Chullcani	annon a coma considerante consi	7,978,280	517,909	<2	<.5	6	48	32	5	<5	<1	<1	1462	<5
10	5548	Chullcani	and the contract of the contra	7,977,310	520,749	<2	<.5	12	56	14	24	8	<1	<1	2488	<5
11	5549	Chullcani	es, competito competito servizi del 1904, per 1908, del 1904, del 1904, del 1904, del 1904, del 1904, del 1904	7,977,345	520,548	<2	<.5	21	17	7	11	6	<1	1	1945	***********
12	5565	Chullcani		7,976,611	520,457	<2	<.5	2	81	2	9	<5	<1	<1	1435	
13	5566	Chullcani	Classification and another control and have an extensive and an employed beautiful to	7,976,780	520,506	<2	<,5	5	23	4	10	13	<1	<1	2365	
14	5579	Chulicani	ATTERNETIA TILINGANINI INTERNATIONI INTERNATIONI INTERNATIONI INTERNATIONI INTERNATIONI INTERNATIONI INTERNATI	7,976,714	519,520	4	<.5	33	6	31	11	13	<1	1	1576	
15	5592	Chullcani		7,976,883	519,970	<2	<.5	21	382	20	16	9	<1	2	2242	<5
16	5596	Chulicani	er entermonation and the state and the state and the state of the stat	7,976,056	520,191	⟨2	<.5	7	232	<2	<5	5	<1		1788	
17	5953	Chullcani		7,975,823	518,436	<2	<.5	48	29	41	10	7	<1	<1	1705	
18	5955	Chulleani	had al 1974 i de manada a hand de la la company de mala a la del del de la company de la company de la del	7,975,886	518,239	<2	<.5	20	21	27	14	10	<1	<1	1704	<5
19	5957	Chullcani		7,976,641	519,386	3	<.5	8	61	13	35	12	<1	6	1628	⟨5
20	5967	Chullcani	THE PARTY IN THE LEGISLES OF THE PARTY IN TH	7,975,473	518,486	⟨2	<.5	35	23	14	11	8	<1	<1	1627	<5
21	5970	Chullcani		7,975,455	518,331	<2	<,5	17	19	15	11	10	<1	<1	1390	
22	5975	Chulloani		7,975,676	518,859	⟨2	<.5	3	57	3	10	10	<1	3	1687	⟨5
23	5977	Chullcani		7,975,778	519,073	3	<.5	9	70	2	7	6	<1	7	1185	5
24	5984	Chullcani		7,976,271	518,457	. <2	<.5	18	37	34	17	11	<1	<u> </u>	1931	<5
25	5988	Chullcani		7,978,357	521,045	<2	<.5	3	4	9	19	<b>&lt;</b> 5	<u> </u>	3	1804	<b>&lt;</b> 5
26	5993	Chullcani		7,978,065	520,409	⟨2	<.5	18	7	48	24	<b>(5</b>	<1	2	1080	•
27	6116	Chullcani		7,977,863	519,563	<2	₹.5	15	17	13	9	12	<1	<1	245	
28	6122	Chulicani	out of the Market Control of Cont	7,977,050	518,630	8	<.5	29	73	24	23	10	<1	39	1376	•
29	6126	Chullcani		7,977,222	518,773	9	<.5	31	346	19	22	8	<u> </u>	14	792	<5
30	6147	Chullcani	HALVERHALI AND THE REAL PROPERTY OF THE STATE OF THE STAT	7,977,607	520,100	<b>(2</b>	<.5	6	33	9	8	9	<1	<1	1444	·
31	6258	Chullcani		7,975,565	519,307							<u>-</u>				-
32	6412	Chullcani		7,976,280	520,504	<2	<.5	9	19	15	7	13	<1	<1	1714	<5
33	6452	Chullcani	·	7,977,120	520,423	⟨2	<.5	63	23	6	22	√5	<u> </u>	5	1954	<b>(5</b>
34	6453	Chullcani	er anna blaithe ann an fean she banta dan an earrain banta de	7,977,120	520,423	3	0.7	126	41	48	31	⟨5	(1	<1	299	·
35	6466	Chullcani		7,975,470	519,533	<2	<.5	7	5	3	<5	√5	<1	5	3605	
36	6469	Chullcani		7,975,447	520,060	<2	<.5	4	53	6	⟨5		<1	3	1261	10
37	6470	Chulleani		7,975,680	520,126	⟨2	<,5	26	44		14	7	<1		1375	
38	6903	Chullcani		7,978,228	519,138	⟨2	<.5	8		27	16	9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1407	
39	6907	Chullcani	***************************************	7,977,612	520,369	(2	⟨.5	9			51	<5		2	1501	-
40	6941	Chullcani		7,975,342	519,239	⟨2	<.5	10			12		ļ	-{	1185	
41	6960	Chullcani		7,977,938	518,967	<b>(2</b>	<.5	23	17	20	11	√5	1	•	1973	
42	5147	Sonia Susana		7,918,196	511,570	<2	<.5	4	16		63	⟨5	***********	ļ	1132	•
43	5148	Sonia Susana		7,918,183	511,778	<b>(2</b>	<.5	6			29		ļ	·{	1433	
44	5538	Sonia Susana		7,920,144	512,680	<2	<.5	3		13	11	7		····	911	
45	5541	Sonia Susana	er herdelt and mener perme perme representente er er er permenente syn eg per episjere syng	7,915,314	515,656	<u>``</u>	<.5	43		·	9				343	
46	5908	Sonia Susana		7,918,169	516,007	2	⟨.5	10			29			+	310	
47	5913	Sonia Susana		7,917,176	517,492	11	2.1	133		·	119			+	926	
48	5915	Sonia Susana		7,918,046	517,574	9	2.1	201	18		65				359	
49	5917	Sonia Susana		,	<del> </del>	·								<del> </del>		
			**************************************	7,917,208	516,802	10	ļ	31	85		12				1756	
50	5922	Sonia Susana	<u> </u>	7,918,905	51.7,218	18	1	. 8	311	24	21	13	<1	3	1185	<5

Appendix 4-1 Sample List of Laboratory Works (X-ray)

		<del></del>		UTM (Ze	20 19)	Au	Ag	Cu	Рь	Zn	As	Sb	Hg	Mo	Ва	Sr	7
No.	Sample	District	Location	N N	E E	ppb	bbw)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ррг	n ppr	<u>n</u>
	No.			7.919.233	517,759	3	<.5	43	48	329	63	3 6	<	(	123	38 <	5
51	5923	Sonia Susana	The factor of the second of th	7,919,690	517,954	⟨2	0.6	131	95	144	50	6 <	<	2	15	26 <	5
52	5925	Sonia Susana	the state of the second second section is also as a second of	7,919,966	517,902	4	1.3	74	49	167	1:	9 (	3 <	i <	1 10	18	[5]
53	5926	Sonia Susana	propose and differences and despersations of the contract of t	7,917,633	514,636	<2	<.5	5	14	I.	1	2 </td <td>5 &lt;</td> <td>1 &lt;</td> <td>1 21</td> <td>66</td> <td>(5)</td>	5 <	1 <	1 21	66	(5)
54	5929	Sonia Susana	THE RESERVE OF COMMENCES STATES AND	7,917,033	514,589	<2	<.5	2	11	2	)	6	7 <	1	3 17	30	(5
55	5931	Sonia Susana	and 1 of 15th 10 county (\$1.100 co. 1)	7,917,193	514,422	<2	<.5			3	1	7 <	5 <	1 <	1 4	69	<b>(5</b>
56	5932	Sonia Susana	and the principal of the control of	7,914,550	517,919	⟨2	<.5	†	13	5	ol	5	6 <	1 <	1 15	16	⟨5
57	5941	Sonia Susana	the state of the s	7,914,793	517,719	<2	<.5	ł	29	5	6	9 <	5 <	1	2 8	13	⟨5
58	5942	Sonia Susana	America (1977) and the transfer for the second section (1971). A second section of the	7,915,714	517,346	<2	<.5		11	12	0 1	2	5 <	1	2 10	80	<5
59	5943	Sonia Susana	The second secon	7,915,808	517,677	7			2 6	1 7	2	9	5 4	1	7 5	01	6
60	5948	Sonia Susana	Long.	7,918,756	518,392	18		1		2 3	3 2	27	5	(1)	1 7	20	⟨5
61	6053	Sonia Susana	Marrier regar to the reference respective real to the residence of the	7,916,593	518,306	136		-	9 6	5 7	4	7	6	<b>a</b> :	3 4	73	76
62	6063	Sonia Susana	name to the state that the state of the stat	7,916,864	518,062	3	}	+		6 8	5	15	6	(1	5 5	64	8
63	6066	Sonia Susana	and the property of the target of the state		517,771	<2			4 45	3 2	1	17 1	1	<1	7 10	168	8
64	6068	Sonia Susana	at an overlain the following section of the development of the section of the sec	7,916,566	519,946	<2			9 2	7 1	3	7 .	5	(1	(1)	520	⟨5
65	6090		energia ( , programma ( ) representativa promo ( ) Marie e e e e e e e e e e e e e e e e e e	7,919,057	515,428		ļ										
66	6235		, and the state of	7,919,122	515,560	.,		1					1				
67	6236		germed and description and address and the property of the second	7,918,271	515,892												
68	6237			7,918,414	516,805												
69	6238				516,860		-										
70	6239	Sonia Susana	desirant op objekt procesy obside at younger (money at 1 processed about to	7,917,536	517,975	-}											
71	6241		and other transfer that the property of the state of the	7,919,835	517,543												
72	6243	3 Sonia Susana		7,914,405	544,941	<	2 (	.5	11	6	15	14	11	<1	2	635	⟨5
73	4770		representation consists and the superior of constitutes by the communication of the superior o	7,760,822	544,947			.5		03	4	37	11	<1	16	774	10
74	477	7 Calorno	and the second of the second o	7,760,911						19	85	₹5	8 1	.41	1 1	523	<5
75	540	6 Calorno	delicates	7,759,225					11	3	5	66	⟨5	<1	14	070	<5
76	542	6 Calorno	a thankal a construction for freedom to a specific to the state of the	7,762,032	_					<3	5	165	<5	<1	5	302	<5
77	542	7 Calorno		7,762,103				5		24	6	20	13	<1	2	590	<5
78	561	8 Calorno	approximate the second	7,763,606					14	10	22	11	12	<1	3	698	<5
79	563	6 Calorno		7,762,337					43	14	29	18	9	1.1	3	727	<5
80	566	6 Calorno	garge generalist (gregorgin fahra) (gregorgin da hake) (da mayang meneralis)	7,763,133					93	16	26	17	8	<1	5	349	<5
81	567	7 Calorno	and the state of t	7,766,209					22	13	8	25	7	<1	32	709	<5
82	567	8 Calorno		7,765,85				<.5	73	26	29	181	16	<1	15	790	<5
83	568	11 Calorno	· · · · · · · · · · · · · · · · · · ·	7,765,42				<.5		)42	11	182	<5	<1	2	288	<5
84				7,764,70				<.5	35	20	139	6	6	<1	4	703	<5
8:				7,765,91				<.5	6	7	5	<5	<5	<1	1	1153	<5
80	347	76 Loma Llena		7,726,98				<.5	13	11	5	<5	<b>&lt;</b> 5	<b>&lt;1</b>	1	1112	<5
8	7 34			7,727,32	1			<.5	87	9	47	32	<5	<1	<1	911	<5
8.	B 344			7,727,30				\.5 <.5	5	11	38	<5	<5	(1)	2	1511	<:
8	9 34	· · · · · · · · · · · · · · · · · · ·		7,727,36			<2	\.5 <.5	7	9	5	<5	<5	<1	3	913	</td
9	0 34	95 Loma Liena		7,726,94			<b>(2</b>	<.5	14	16	15	41	<5	1.01	5	1374	</td
9	1 43	07 Loma Liena		7,725,37			(2	<.5	<2	3	6	<5	₹5	<1	<1	814	</td
9	2 43	21 Lorna Llena	1 Martin and Address of the control of the State of the Control of the State of the Control of t	7,725,52	1			\.5 <.5	- `2	14	6	33	<b>&lt;</b> 5	<1	4	1023	<
9	3 47	43 Loma Llena		7,723,72			(2)	<.5	8	16	15	7	⟨5	<1	2	939	
9	4 47	48 Loma Liena		7,723,13	·t		(2)	₹.5	5	10	4	<5	<5	<1	2	752	<
9	5 47	50 Loma Llena		7,722,7			<b>(2</b>		3	18	2	14	<5	<1	1	1476	
	6 47	51 Loma Llena		7,722,6			(2)	<.5	55	16	19	57	⟨5	<u>ζ1</u>	2	1169	
	97 47	760 Loma Llena	-	7,724,7			<2	<.5		16	22	26	⟨5	ζ1	5	1038	
1	98 4	761 Loma Liens	The state of the s	7,724,7	··		(2)	<.5	29		4	9	<b>(5</b>	<u>```</u>	4	541	
	99 4	762 Loma Llena	1	7,794,7			3	<.5	7	61	6	36	⟨5	``` {}	5	900	
1	00 4	765 Loma Lleni	·	7,724,9	55 572,0	45	<2	<.5	14	4	ات	- 40	,,,	.,			

Appendix 4-1 Sample List of Laboratory Works (X-ray)

	<u> </u>			UTM (Z	one 19)	Au	Ag	Cu	Рь	Zn	As	Sb	Hg	Мо	Ва	Sn
No.	Sample No.	District	Location	N	E	ppb	ppm	ppm	ppm	ррт	ppm	ppm	ppm	ppm	ppm	ppm
101	4766	Loma t.lena		7,725,010	572,005	<2	<.5	7	67	⟨2	27	9	(1	2	987	10
102	4769	Loma Llena		7,724,636	571,774	⟨2	<.5	4	<3	<2	<5	<5	_ (1	2	325	<5
103	4931	Loma Llena	manufacture of the second of t	7,721,909	572,086	⟨2	<.5	2	<3	<2	441	<5	<1		528	<5
104	4932	Loma Llena		7,721,918	572,018	<2	<.5	5	⟨3	<2	80	<5	<1	7	850	<5
105	4940	Loma Llena	Andrew Control of the	7,721,662	572,515	<2	<.5	90	5	3	19	<5	<b>&lt;1</b>	8	1385	<5
106	4950	Loma Llena	Total Control of the	7,722,319	572,369	<2	<.5	81	20	177	78	<5	<b>(1</b>	3	2329	<5
107	4953	Loma Llena		7,725,500	571,447								,			
108	5203	Blanca Nieves	Blanca Nieves	8,011,149	506,374	<2	<.5	44	22	92	<5	<5	<1	3	1332	<5
109	5214	Blanca Nieves	Blanca Nieves	8,010,260	507,149	<2	<.5	12	21	7	<5	<5	<1	4	1344	<5
110	5236	Blanca Nieves	Blanca Nieves	8,010,257	506,179	⟨2	<.5	18	50	5	11	<5	<1	10	1190	<5
111	6429	Blanca Nieves	Blanca Nieves	8,011,735	507,557	<2	<.5	18	35	22	9	<5	<1	3	952	<5
112	6433	Blanca Nieves	Blanca Nieves	8,011,634	507,339	<2	<,5	12	31	29	7	<5	(1	3	1091	<5
113	6915	Blanca Nieves	Blanca Nieves	8,009,032	504,881	<2	<.5	47	74	21	7	<5	<1	<1	1458	10
114	6922	Blanca Nieves	Blanca Nieves	8,011,033	505,475	<2	<.5	8	45	4	5	<5	<1	5	837	<5
115	6930	Bianca Nieves	Blanca Nieves	8,009,837	505,809	<2	<.5	3	29	9	<5	<5	<1	6	619	<5
116	6933	Blanca Nieves	Blanca Nieves	8,008,722	504,891	<2	<.5	21	17	£1	<5	<5	<1	<1	1021	<5
117	4975	Blanca Nieves	Titicayo	8,017,006	520,531											
118	6273	Blanca Nievos	Titicayo	8,016,810	521,278	<2	<.5	5 4	838	24	20	<5	(1	<1	1273	<5
119	6282	Blanca Nieves	Titicayo	8,016,925	521,267	<2	<.	5 34	181	10	6	<5	(1	1	324	<5
120	6283	Blanca Nieves	Titicayo	8,016,875	521,333	<2	<.!	5 2:	3 6017	77	33	<5	<1	<1	422	<5
121	6435	Blanca Nieves	Titicayo	8,016,905	520,742	<2	11.	7	8 682	7	43	<b>E</b>	1.7	4	929	<5
122	6436	Blanca Nieves	Titicayo	8,016,965	520,594	<2	⟨.	5	2 219	3	53	27	1.16	5 5	188	<5
123	6439	Blanca Nieves	Titicayo	8,017,263	520,088	<	<	5 7.	3 377	35	21	</td <td>i &lt;1</td> <td>15</td> <td>1303</td> <td>&lt;5</td>	i <1	15	1303	<5
124	6440	Blanca Nieves	Titicayo	8,017,421	519,878	<	(	5 5	3 13	160	206	<b>i</b> <:	<	. 5	1315	<5
125	6445	Blanca Nieves	Titicayo	8,017,144	520,003	<:	3.	9 12	1 49	15	12	₹!	i (1	26	206	10
126	7004	Blania Nieves	Titicayo	8,019,592	519,440		5 <.	5 4	2 56	19	4	4 <	5 <	1 2	828	3 <5
127	7007	Blania Nieves	Titicayo	8,018,823	519,799	<	2 <.	5 2	8 2	1 2	(!)	5 <	5 <	1 2	2800	3 <5
128	7010	,	Titicayo	8,018,436	519,885	<	2 <.	.5 2	3 1	9 19	9 <	5 <	5 <	I <	138	6 <5
129	7012		Titicayo	8,017,974	520,056	<	2 <.	.5 6	2 2	7 1	5 <	5 <	5 <	1 <	157	
130			Titicayo	8,017,391	522,263	<	2 <	.5 4	3 2	3 9	9 <	5 <	5 <	1 <	107	6 <5
131			Titicayo	8,018,072	520,930	<	2 <	.5 1	8 1	8 11	2	5 <	5 <	1 <		
132		·	Titicayo	8,019,577	519,587	<	2 <	.5 3	38 3	2 3	7	9 <	5 <	1 <		
133			Titicayo	8,017,084	520,996	<	2 <	.5 2	26 102	9 4	5 1	3	5 <	1 <	1 78	
134			Titicayo	8,017,449	520,441	(	2	2 2	28 506	9 6	1 1	2 <	5 <	1	3 116	
135			Titicayo	8,017,394	520,213	\	2 <	.5 6	64 2	1 6	0 <	5 <		1 <		
136			Titicayo	8,017,590	520,048	`	2 <	.5 8	88 131	4 9	9 17	2 <	5 <	1 1		
137			Titicayo	8,017,55	520,664		2 <	.5	16 3	6 3	8 <	5 <	5 <	31 <		
138			South of Carangas	7,904,18	3 539,142		2 <	.5	7 1	1 5	8 1	7	9 <	(1) <		
139			Espiritu	7,905,89	7 539,256		2 84	.2 2:	25 9270	0 6097	0 7	4 8	5 <	(1) 15		
140			Espiritu	7,906,15	9 538,983		2 5	5.2	10 81	5 4	4 5	6 4		(1	1 77	
141			Co. Culebura	7,891,25	7 530,714		(2)	<b>C.</b> 5	<2 4	15 3	37 1	16	2 4	(1	2 92	26 <
142			Todos Santos	7,897,65	6 529,538	3								_	_	
143			Todos Santos	7,898,17	0 529,636	, ] .	(2	1.4	29 10	24	72 !	91	17	(1) (	3 11	
144			Todos Santos	7,897,62	8 528,428	3   -	(2	<.5	5	18	35	21	6	<1	1 10:	36 <
14			Kancha	7,827,83	5 636,412	2	2 (	0.9	81 2	77 2	15	15	(5	<1	16 11	
14			Kancha	7,827,60		• [	2	0.6	10 1	01	64	11	<5	<1	1 3	32
14			Kancha	7,827,12	3 636,92	7	2	<.5	3	44	25	6	<5	<1	2 14	
14			Kancha	7,827,02		0	<2	<.5	17	40	20	10	<5	<1	2 9	18 <
14			Kancha	7,827,13			<2	<.5	6	20	18	12	<5	<1	1 11	41 <
15		#1,##b	Kancha	7,827,22		4	<2	<.5	7	14	18	5	<5	<1	7 12	81 <

Appendix 4-1 Sample List of Laboratory Works (X-ray)

No.	Sample	District	Location	UTM (Z	one 19)	Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Мо	Ba	Sn
	No.	District	Location	N	E	ppb	ppm	ppm	ppm	ppm	ppm	ррm	ppm	ppm	ppm	ppm
151	5768	Mendoza	Kancha	7,827,245	637,543	<2	<.5	12	26	17	18	7	<1	<1	1201	<5
152	5769	Mendoza	Kancha	7,827,442	638,934	<2	0.6	9	17	37	66	<5	<1	5	119	<5
153	5772	Mendoza	Kancha	7,827,375	638,311	<2	<.5	7	55	28	9	<5	<1	1	448	<5
154	5773	Mendoza	Kancha	7,827,215	638,051	<2	<.5	9	16	32	16	⟨5	<1	<1	108	<5
155	5774	Mendoza	Kancha	7,826,940	638,224	<2	<.5	4	15	21	11	<5	<1	<1	735	<5
156	5807	Mendoza	Millunitoma	7,828,850	634,977	<2	<.5	3	22	⟨2	14	<5	<1	2	804	<5
157	5813	Mendoza	Milluniloma	7,827,921	634,066	3	<.5	26		66	<5	<5	<1	6	900	<5
158	4969	Mendoza	Mina Maria Luisa	7,819,794	634,676							J. 11107			A. 1441 barrers	
159	4970	Mendoza	Mina Maria Luisa	7,819,794	634,676							L				
160	4971	Mendoza	Mina Maria Luisa	7,819,794	634,676									-		
161	4972	Mendoza	Mina Maria Luisa	7,819,773	634,746							ļ			A1.7L	
162	5855	Mendoza	Mokho	7,823,027	631,062	<2	<.5	5	66	16	6	<5	<1	- 11	799	<5
163	5858	Mendoza	Mokho	7,822,856	630,311	33	1.7	8	192	8	45	11	<1	7	1349	6
164	5860	Mendoza	Mokho	7,822,914	629,877	38	17.8	8	98	12	13	19	<1	12	7176	<5
165	6344	Mendoza	Mina Guadalupe	7,822,610	635,382	1197	674	65650	727	232	28934	1050	7.8	4	40	421
166	6358	Mendoza	Mina Guadalupe	7,823,167	635,853	411	16.9	372	7498	206	31	12	<1	4	815	<5
167	4967	Mendoza	Iranuta	7,821,894	623,760				3							
168	4968	Mendoza	Iranuta	7,821,894	623,760				ma a sur'annua bannunda ta b'							
169	5719	Mendoza	Chorka	7,819,003	622,683	<2	<.5	13	25	40	26	<5	<1	<1	530	7
170	5726	Mendoza	Chorka	7,819,650	624,423	<2	<.5	30	4	26	14	<5	<1	<1	422	<5
171	6320	Mendoza	Iranuta	7,821,894	623,760	<2	8,0	10	49	66	20	<5	<1	<1	84	<5
172	6332	Mendoza	Iranuta	7,820,909	626,414	<2	<.5	9	13	44	15	<5	<1	<1	847	<5
173	6337	Mendoza	Iranuta	7,822,183	624,333	9	12.3	195	36100	3673	134	34	<1	- 5	789	<5
174	5062	Panizo	Pacoloma	7,798,862	558,107	<2	<.5	29	37	36	206	<5	<1	6	922	<5
175	5075	Panizo	Pacoloma	7,797,688	559,518	<2	<.5	14	8	11	<5	<5	<1	1	869	<5
176	5092	Panizo	Vilasaca	7,803,377	560,961	⟨2	<.5	38	73	96	44	<5	<1	12	991	10
177	5498	Panizo	Tulco	7,799,607	564,332	<2.	<.5	34	20	33	<5	<5	<1	. 2	1343	<5
178	4394	Panizo	Chinchilhuma -	7,791,833	567,411	<2	29.3	38	2444	375	80	8	<1	3	1623	<5
179	4962	Panizo	Chinchilhuma Aguilani	7,790,791	567,217											- 1
180	4963	Panizo	Chinchilhuma Aguilani	7,790,791	567,217	***************************************							10.7411.00.007.0000			
181	4964	Panizo	Chinchilhuma Aguilani	7,790,791	567,217	·						<b> </b>				<b></b>
182	4965	Panizo .	Chinchilhuma Aguilani	7,790,791	567,217											
183	5115	Panizo	Chinchilhuma	7,791,270	567,616	156	93.2	1305	76700	2570	194	36	<1	15	1228	<5
184	4235	Panizo	Panizo	7,778,660	550,281	<2	<.5	25	26	18	38	8	<1	3	799	<5
185	4249	Panizo	Panizo	7,778,335	553,113	<2	<.5		102	14	16	15	<1	2	755	16
186	4285	Panizo	Panizo	7,780,285	553,792	<2	<.5		30	15	26	12	<1	2	905	<5
187	4288	Panizo	Panizo	7,779,792	553,723	<2	<.5		19	18		6	<1	4	939	<5
188	4296	Panizo	Panizo	7,780,109	552,120	<2	<.5		16	5		7	<1	5	738	<5
189	4327	Panizo	Panizo	7,784,056	552,690	<2	<.5	J	6	15	19	8	<1	7	1185	<5
190	4330	Panizo	Panizo	7,784,152	552,451	<2	<.5	<b>]</b>	⟨3	⟨2	12		<1	3	1761	<5
191	4339	Panizo	Panízo	7,784,543	553,243	<2	<.5		<3		12		<1	9	1194	<5
192	5033	Panizo	Panizo	7,783,577	552,350	<2	<.5	ł-~~	7	<2	48	-,	<1	5	3884	7
193	5038	Panizo	Panizo	7,781,584	552,091	<2	<.5	ł	9	11	56		<1	1	585	<5
194	5044	Panizo	Panizo	7,782,281	553,584	<2	<.5		11	6	53	11	<1	4	891	<5
195	5433	Panizo	Panizo	7,779,497	550,085	<2	<.5		36	4	49		<1	3	579	⟨5
196	5442	Panizo	Panizo	7,778,489	550,392	<2	<.5	ł	24	11	19	8	<1	5	1094	<5
197	5698	Panizo	Panizo	7,779,117	551,900	<2	<.5	f	17	173	15		<1	4	955	⟨5
198	6786	Panizo	Panizo	7,778,228	551,743	<2	<.5		20	8	55	12	<1	5	876	<5
199	6799	Panizo	Panizo	7,779,464	551,762	<2	<.5		22	14	53	9	<1	5	777	<5
200	2046	Sailica	Mina Plasumar	7,715,177	639,492	<2	<.5	23	64	29	29	52	<1	12	1283	9

Appendix 4-1 Sample List of Laboratory Works (X-ray)

	1.		T	T		·	·		<del>,</del>			•				
No.	Sample No.	District	Location		one 19)	Au	Ag	Cα	Рь	Zn	As	Sb	Hg	Mo	Ba	Sn
201	2055	Sailica	Min Ol	N	E	ppb	ppm	ppm	ppm	₽pm	ppnı	mqq	ומקק	ppm	ppm	ppm
202	2056	Sailica	Mina Plasumar	7,714,800	639,775	<2	<.5	32		72	<5	<5	<1	1	3576	<5
203	2062	Sailica	Mina Plasumar	7,714,860	639,858	<2	<.5	16		125	<5	<5	<b>〈</b> I	<1	1111	<5
204	2071	Sailica	Mina Plasumar	7,715,958	637,405	<2	<.5	18		25	57	9	</td <td>2</td> <td>1408</td> <td>&lt;5</td>	2	1408	<5
205	2889	Sailica	Mina Plasumar	7,715,420	637,933	⟨2	<.5	16		39	7	<5	1.09	1	1160	<5
206	2890		Mina Plasumar	7,712,567	638,007	<2	<.5	12		12	11	<5	<1	2	1188	<5
207	3285	Saifica	Mina Plasumar	7,712,618	638,260	2	<.5	9	18	8	<5	<5	<1	2	1950	<5
208		Sailica	Mina Plasumar	7,713,215	638,091	<2	<.5	18	128	30	50	<5	<b>(1</b>	16	582	6
209	3287	Sailica	Mina Plasumar	7,713,722	638,500	<2	<.5	9	25	71	15	<5	<1	2	1191	<5
210	3407	Sailica	Mina Plasumar	7,716,245	638,107	<2	<.5	9	13	21	20	<5	<1	1	1020	<5
	3416	Sailica	Mina Plasumar	7,717,049	638,953	<2	<,5	9	10	16	7	<5	(1	38	323	<5
211	3423	Sailica	Mina Plasumar	7,717,688	639,549	<2	<.5	3	13	6	12	6	1.68	3	1788	<5
212	3430	Sailica	Mina Plasumar	7,716,749	639,626	28	0.6	45	76	30	1710	105	<1	11	1184	<5
213	6702	Sailica	Mina Plasumar	7,715,628	639,780	46	<.5	36	1338	75	121	260	<1	142	1419	12
214	6704	Sailica	Mina Plasumar	7,715,569	639,538	36	<.5	114	1071	34	439	155	<1	10	1159	<5
215	6707	Sailica	Mina Plasumar	7,715,463	639,086	<2	<.5	6	119	12	67	32	<1	2	1157	<5
216	6713	Sailica	Mina Plasumar	7,715,002	638,322	<2	<.5	4	58	17	19	6	1>	<1	1075	<5
217	6720	Sailica	Mina Plasumar	7,715,834	638,854	<2	<.5	134	429	358	44	84	<1	3	1218	7
218	6732	Sailica	Mina Plasumar	7,714,355	638,603	<2	<.5	48	362	57	65	<5	<1	2	645	15
219	6741	Sailica	Mina Plasumar	7,716,165	639,091	21	<.5	12	23	396	20	8	· <i< td=""><td>5</td><td>1044</td><td>&lt;5</td></i<>	5	1044	<5
220	6745	Sailica	Mina Plasumar	7,716,289	639,662	<2	1.4	18	418	21	68	59	۲۱,	<1	1088	7
221	2022	Sailica	Mina Solucion	7,712,884	631,668	4	<.5	4	18	526	7	17	<1	<1	1450	<5
222	2024	Sailica	Mina Solucion	7,712,884	631,668	14	1.1	15	266	1374	29	23	<1	1	1365	<5
223	2031	Sailica	Mina Solucion	7,712,846	631,623	⟨2	<.5	52	18	154	<5	10	<1:	1	819	<5
224	2035	Sailica	Mina Solucion	7,712,783	631,549	4	11.3	1186	1285	1315	252	35	<1	35	20	<5
225	6771	Colorado	Bayos	7,706,267	559,828	<2	<.5	14	20	37	210	<5	<1	1	62	<5
226	6772	Colorado	Bayos	7,706,829	558,925	<2	<.5	12	24	16	28	<5	<1	6	942	<5
227	6779	Colorado	Bayos	7,707,062	559,329	<2	<.5	7	<3	4	1293	10	<1	7	1613	<5
228	3433	Colorado	Okhe	7,703,204	568,605	<2	<.5	19	14	18	34	<5	<1	4	998	<5
229	3439	Colorado	Okhe	7,704,005	566,731	<2	<.5	4	<3	<2	<5	<5	۲۱	3	274	<5
230	3445	Colorado	Okhe	7,703,937	565,447	<2	<.5	16	13	8	137	<5	<1	4	1556	<5∶
231	3450	Colorado	Okhe	7,704,427	566,179	<2	<.5	8	5	<2	<5	18	1.02	4	1261	<5
232	3456	Colorado	Okhe	7,704,987	567,754	<2	<.5	6	14	6	21	<5	<1	2	890	<5
233	3462	Colorado	Okhe	7,705,896	565,867	<2	<.5	18	16	14	9	<5	<1	3	1153	<5
234	3468	Colorado	Okhe	7,704,886	567,048	<2	<.5	19	9	14	93	5	<1	4	1160	⟨5
235	2095	Colorado	Perenal	7,700,495	562,007	<2	<.5	18	24	16	21	<5	<1	4	838	<5
236	2097	Colorado	Perenal	7,700,830	562,017	<2	<.5	42	19	10	140	6	<1	3	471	<5
237	6746	Colorado	Colorado	7,697,735	566,029	<2	<.5	23	19	11	27	<5	<1	2	1164	⟨5
238	6758	Colorado	Colorado	7,696,350	567,477	<2	<.5	4	17	3	6	<5	<1	2	3532	<5
239	2172	Luxsar	CHINANA MARIANI AND	7,678,527	596,508	<2	<.5	31	61	78	34	<5	<1	4	962	<5
240	2174	Luxsar		7,678,814	597.144	<2	<.5	42	20	101	<5	<5	۲۱	2	987	6
241	2177	Luxsar		7,679,115	596,934	⟨2	<.5	42	20	57	54	<5	<1	7	1142	⟨5
242	2178	Luxsar	and the state of t	7,679,716	596,207	<2	<.5	5	27	19	6	<5	<1	<1	1281	⟨5
243	2182	Luxsar		7,679,450	596,329	<2	<.5	6	21	67	<5	<5	<1	4	1438	⟨5
244	2184	Luxsar		7,679,454	596,686	⟨2	<.5	40	68	92	<5	<5	<1	3	817	7
245	2187	Luxsar	THE PROPERTY IS A SECOND OF THE PROPERTY AND A SECOND OF THE PROPERTY OF THE P	7,679,827	596,610	⟨2	<.5	38	11	18	<5	<5	<1	12	716	<5
246	2818	Luxsar		7,678,224	597,594	⟨2	<.5	16	19	23	11	<5	<1	4	1230	<5
247	2819	Luxsar		7,678,360	597,815	<2	<.5	10	27	15	5	<5	<1	2	894	⟨5
248	2842	Luxsar	7-1, 1888-1444	7,679,197	597,230	<2	<.5	41	14	59	⟨5	<5	<1	3	1166	<5
249	3224	Luxser	, , , , , , , , , , , , , , , , , , ,	7,678,481	596,349	<2	<.5	14	8	92	5	<5	<1	2	911	<5
250	3234	Luxsar	The special sp	7,678,612	597,584	⟨2	<.5	,8	14	39	42	<5	<1	3	1055	<5

Appendix 4-1 Sample List of Laboratory Works (X-ray)

	Sample	Diameter 1	Lacation	UTM (Z	one 19)	Au	Ag	Cu	РЬ	Zn	As	Sb	Hg	Мо	Ba	Sn
No.	No.	District	Location	N	£	ррЬ	ppm	ppm	ρpm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
251	2003	Cachi Unu		7,671,624	616,370	<2	<,5	7	24	43	26	<5	<1	2	1094	<5
252	2127	Cachi Unu		7,671,397	616,064	2	<.5	4	14	16	19	<5	<1	4	1205	<5
253	2152	Cachi Unu		7,671,979	616,022	<2	<.5	17	52	32	40	<5	<1	2	717	<5
254	2154	Cachí Usu		7,671,767	616,093	9	<.5	5	1605	24	37	<5	<1	2	1711	36
255	2158	Cachi Unu		7,671,675	616,103	<2	<.5	6	24	20	14	<5	<1	2	1114	<5
256	2163	Cachi Unu		7,671,487	616,118	<2	<.5	9	22	24	37	<5	<1	4	995	<5
257	2165	Cachi Unu		7,671,390	616,416	<2	<.5	16	23	30	<5	<5	<1	2	1145	<5
258	2166	Cachi Unu		7,671,408	616,207	<2	<.5	7	20	18	49	<5	<1	4	855	<5
259	3203	Cachi Unu		7,671,732	615,242	⟨2	<.5	36	13	56	12	<5	<1	1	1335	<5
260	3204	Cachi Unu		7,671,681	615,443	<2	<.5	10	15	45	20	<5	<1	2	588	<5
261	3208	Cachi Unu		7,671,250	616,321	<2	<.5	5	14	37	7	<5	(1	3	985	<5
262	3211	Cachi Unu	a malaidean o lea Tadana d'Ard Million (de la Principa de Million (de la Principa de la Principa del Principa del Principa de la Principa del Principa del Principa de la Principa de la Principa de la Principa del P	7,671,032	616,436	<2	<.5	3	<3	7	<5	<5	<1	3	1219	<5
263	2169	Sedilla	Co. Chascos	7,660,164	627,053	<2	<.5	19	15	147	<5	<5	<1	<1	1110	<5
264	3239	Sedilla	Co. Chascos	7,657,035	625,184	<2	<.5	9	12	39	7	<5	<1	2	1118	<5
265	3241	Sedilla	Co. Chascos	7,657,018	625,170	<2	<.5	19	15	106	15	<5	<1	1	389	<5
266	3245	Sedilla	Co. Chascos	7,656,682	625,069	<2	<.5	19	12	60	12	<5	<1	3	1134	<5
267	3246	Sedilla	Co. Chascos	7,656,817	625,097	<2	<.5	8	18	27	10	<5	<1	2	1176	<5
268	3249	Sedilla	Co. Chascos	7,656,756	625,183	<2	<.5	12	10	37	14	<5	<1	4	518	<5
269	3253	Sedilla	Co. Chascos	7,656,781	625,316	<2	<.5	7	18	30	30	<5	<1	2	1222	<5
270	3255	Sedilla	Co. Chascos	7,656,926	625,456	<2	<.5	21	15	18	5	<5	<1	2	1342	<5
271	4920	Sedilla	Co. Chascos	7,660,159	626,231	<2	<.5	29	8	119	<5	<5	<1	<1	647	<5
272	4923	Sedilla	Co, Chascos	7,659,738	628,637	<2	<.5	34	3	60	403	34	<1	2	875	⟨5
273	2013	Sedilla	Eskapa	7,652,176	635,205	<2	0.9	1118	23	106	<5	<5	<1	2	1093	<5
274	2016	Sedilla	Eskapa	7,651,914	635,308	2	5.8	1843	30	135	<5	<5	<1	<1	1445	<5
275	2191	Sedilla	Eskapa	7,648,490	634,504	<2	<.5	5	17	29	48	5	<1	4	1172	<5
276	2198	Sedilla	Eskapa	7,649,722	634,357	<2	<,5	4	19	24	9	11	<1	2	1122	<5
277	2850	Sedilla	. Eskapa	7,648,439	634,115	<2	<.5	6	15	20	11	8	<1	3	1330	<5
278	2853	Sedilla	Eskapa	7,648,412	633,591	2	<.5	4	18	3	22	<5	<1	3	1230	<5
279	2854	Sedilla	Eskapa	7,648,545	633,563	<2	<.5	7	24	125	5	<5	<1	3	1330	
280	2855	Sedila	Eskapa	7,648,648	633,594	<2	<.5	<2	21	13	10	<5	<1	8	1201	<5
281	3260	Sedilla	Eskapa	7,648,989	634,310	2	<.5	(	15	15	85	8	<1	4	1043	<5
282	3265	Sedilla	Eskapa	7,649,194	633,996	<2	<.5	4	16	13	69	22	<1	60	607	<5
283	4912	Sedilla	Eskapa	7,649,140	633,115	<2	<.5		42	24	164	55	<1	2	607	(5
284	4915	Sedilla	Eskapa	7,648,930	633,522	<2	<.5	i (	65	31	110	41	<1	3	2219	<5

Appendix 4-1 Sample List of Laboratory Works (X-ray)

No.	Sample No.	Locality		Mineral		Cristobalite	Tridymite	Smectite	Caolinite	Dickite	Sericite	Chlorite	Sericite/Smectite	Chlorite/Smectite	Plagioclase	Potassium feldsper	Sanidine	Pyrophyllite	Anatase	Calcite	Halloysite	Jarosite	Alunite	Pyrite	alagonite	Goethite	Amesite
			Rock						-				Ű						`			Í					
1	6962	Asu Asuni	vs-sil alt-r qz-phc		0											_		_	×?								
2	6973	Asu Asuni	s-sil hyd-br	***************************************	×?	0			_		_				×?							_			_		
3	6974	Asu Asuni	s-sil hyd-br		6									_		_	_		×?								
4	4974	Chullcani	m-sil s-arg an			•		Δ	0								_				~~.		Δ		-		_
5	5157	Chullcani	m-arg m-sil an s-oxd	.,	_	0			0														9				
6	5168	Chulleani	m-arg an oxd Mn			0			0				_	_		_						-				_	_
7	5169	Chullcani	m-arg an oxd	41		•		_	0		_									_	_	_	Δ	_			0
8	5202	Chullcani	m-prpy an? chl	***************************************	0	_	_	0			0				0	-										4	_
9	5283	Chullcani	wk-arg wk-sil an oxd	***************************************	0			Δ			-	_	_		0	_				_		_			-		_
10	5548	Chullcani	m-sil m-arg bt hb an	darrieta makera		0		_											×?								-
11	5549	Chullcani	hyd br	***************************************		0															_	_	9				
12	5565	Chullcani	hyd br			×	_		Δ								_	_				-	0		_		
13	5568	Chullcani	vs-sil s-arg v	***************************************		0	_		×		ļ		_	_	_	_							0			_	
14	5579	Chullcani	s-arg wk-sil an	***************************************	0						_				0						0				$\dashv$		
15	5592	Chullcani	m-arg wk-sil an	***************************************	0				0				_		0		_		_			4	4				
16	5596	Chullcani	s-sil s-arg hyd br	«пэнынэн <del>.</del>		0								_			$\perp$					_	의	_			
17	5953	Chullcani	m∼s-sil m-arg bt an		0			_			0				Δ	_	_	_	_	_	Δ						
18	5955	Chullcani	m-sil wk-arg lptf		0			0							Δ	_		_			Δ	Δ		_		_	
19	5957	Chullcani	vs-sil alt r (tf?)		0																	_	0	_		$\perp$	
20	5967	Chullcani	vs-sil an			0		×	0							_							의			_	
21	5970	Chullcani	s∼vs sil alt an?	***************************************		0			Δ														0				
22	5975	Chullcani	s-sil m-arg br		0			Δ								_							0	_			
23	5977	Chullcani	m∽sil s−aln hyd br		0		_									_	_	_					0	_			
24	5984	Chullcani	m-arg aln? Wk-sil an	*******	Δ						Δ?												ø				
25	5988	Chullcani	sil hyd br			0											_		Δ?				_	_			
26	5993	Chullcani	hyd br			0														_						_	
27	6116	Chullcani	s-arg,m-sil lim an			0			0									х?					0			$\perp$	
28	6122	Chullcani	s-arg.m-sil z in chl an		×				х									<b>9</b>					×				
29	5126	Chullcani	s-arg,m-s sil v(w:5m)	***************************************	×		_	0							×						×						
30	6147	Chullcani	s-sil hyd br(w:2m)	\		Δ			0			_											Δ				
31	6258	Chullcani	vs-sil hyd br		0										×												
32	6412	Chullcani	s-arg s-sil an			0			0										×?				0				
33	6452	Chullcani	s-sil hyd br			0			Δ		<u>_</u>												Δ	]			
34	6453	Chullcani	s-arg Mn oxd v					Δ	0		Δ?	_														Δ	]
35	6466	Chullcani	s-sil an		0						L																
36	6469	Chullcani	s-sil s-arg tf			0					L												0				
37	6470	Chullcani	s-sil hyd br sil v			0			0														0				
38	6903	Chullcani	m∼vs−sil an								×?												0			T	
39	8907	Chullcani	s-sil an			0	L	l											х?		×?	[					
40	6941	Chullcani	vs-sil an		×						×?												0				
41	6960	Chullcani	m-arg m-sil v			×?		Δ	0														]			$ \mathbb{J} $	
42	5147	Sonia Susana	m-arg tf?		0			Δ	×						0								$\Box$				_
43	5148	Sonia Susana	m-arg wk-sil da		0			×	0						0		_										
44	5538	Sonia Susana	wk-sil s-arg pmtf						Δ				O			0											1
45	5541	Sonia Susana	s-arg lptf~tfbr					Δ?	×?		0				×												
46	5908	Sonia Susana	w~m~sil m-arg lptf py		х			0	×		0				Δ										$\Box$		
47	5913	Sonia Susana	m-sil wk-arg alt-an		Δ			`			0	Δ	×		0									0		7	
48	5915	Sonia Susana	m-arg alt-tf?					0			Δ			_				Δ					-		$\dashv$	$\neg$	
49	5917	Sonia Susana	vs-sil w-arg alt-tf		×			0			×			$\exists$	×			х?				_		_	$\top$	7	
50	5922	Sonia Susana	vs-sil alt-lptf		Ģ		-		0		$\vdash$					-				$\vdash$		$\neg$			-		

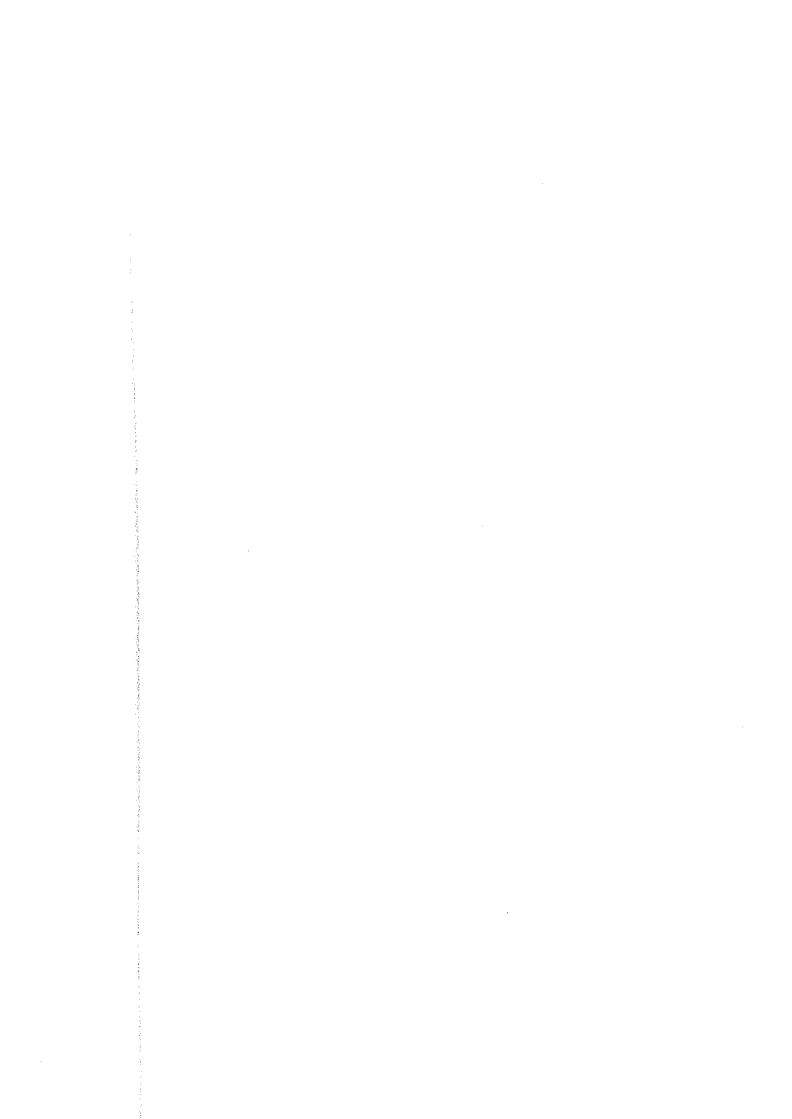
			Mineral									Smectite	ectite		dsper											
No.	Sample No.	Locality		뒫	Cristobalite	Tridymite	Smectite	Kaolinite	ite	cite	Chlorite	cite / Sm	orite/Sm	Plagioclase	assium fe	Sanidine	ophyllite	Anatase	ite	Halloysite	Jarosite	Alunite	ite	Palagonite	Goethite	Amesite
	140.		Rock	Quartz	Cris	Trid	Sme	Kao	Dick	Seri	Chlo	Seri	Chic	Piag	Pot	San	Pyr	Ana	Calc	Hag	Jar	Alur	Pyrite	Palz	Goe	Ame
51	5923	Sonia Susana	wk-sil m-arg prpy an					0		Δ				Δ		_	<u>_</u> _	ļ				_				.—.
52	5925	Sonia Susana	s-sil wk-arg alt-tf	이		ļ	0	0		0			_	0				_						_		
53	5926	Sonia Susana	w-sil s-arg alt-tf limo	0	_	ļ				0				0		_	Δ.		ļ		-		ļ			$\vdash$
54	5929	Sonia Susana	vs-sil wk-arg alt-r	0			ļ		ļ	0	-	_		Δ					-			<u> </u>	-			$\vdash$
55	5931	Sonia Susana	vs-sil wk-arg bt an	0	_	<u> </u>	Δ?	-	-	0	ļ	ļ_		0		L			_	$\vdash$		-	-			<del>  </del>
56	5932	Sonia Susana	vs-sil alt bt an			1_	×	×	<u> </u>	0	_		-					-		-	ļ.	<del> </del>	-		$\vdash$	
57	5941	Sonia Susana	s-arg alt-lptf	<u> </u>		ļ		<u> </u>	-	Ļ	<u> </u>	0	ļ		_	<u> </u>	-	L	┡	-	-	L				⊢┨
58	5942	Sonia Susana	m-arg qz tf	_		1_				e	Δ		<b> </b> _	_	_	-	_	ļ	-	-	ļ	├.	╀			
59	5943	Sonia Susana	s-sil alt-lptf	×		1	<u> </u>	L	ļ	0		_	ļ	Δ	_	ļ_		ļ_	<del> </del>	⊬			-	-		
60	5948	Sonia Susana	vs-sil m-arg tf~lptf	0	<u> </u>	_	03		-	0	╨	_	_	Δ			ļ	-	<u> </u>	-	┡			ļ		ĻЦ
61	6053	Sonia Susana	s-sil m-arg da				1_	_	<u> </u>	9	+-	-	<del> </del> _	<b> </b>	_	1	ļ	ļ	-	4		-	1	-	<del> </del>	╀
62	6063	Sonia Susana	s-arg lptf		L	L	ļ	ļ	-	0	<del>-</del>	_	<u> </u>	1_		-	-	-	$\vdash$	₽	ļ	-	-	<del> </del>		$\vdash \vdash$
63	6066	Sonia Susana	m-si  s-arg tf~lptf	. ×	-	_	Δ	ļ	1	0			-	Δ	_		×	_		+-	1	<u> </u>	+	ļ	-	$\sqcup$
64	6068	Sonia Susana	s-sil s-arg da		L	_	0	×	1_	0		$\downarrow$	ļ.,	×	_	ļ	_	1_	1.	-	$\perp$		4-	<u> </u>	-	$\vdash$
65	6090	Sonia Susana	w-sil s-arg lptf			_	Δ	?	_	0	1			×	<u> </u>	Ļ		4	ļ	╁	$\downarrow$	ļ.,	-	ļ	ļ	
66	6235	Sonia Susana	p-brn fng rhy	0	L	ļ		e	1	_	$\perp$		ļ	0	·	$\perp$	-	- -		-	_	$\perp$	-	lacksquare	-	ļ
67	6236	Sonia Susana	I-gry fng rhy	0		1	_	6	•	×	?	L	_	Δ	_	ļ_	_	_	$oxed{\bot}$	1	- -	╀	<u> </u>		┡	<u> </u>
68	6237	Sonia Susana	m-arg an	0	L		C			6	)	L		9	1_	$\perp$	Δ	-	1	$\perp$	ļ	1_		1_	-	$\perp$
69	6238	Sonia Susana	m-sil tf	0			L							$\perp$	_	_		Ŀ			$\perp$	ļ		ļ	Ļ	$\perp$
70	6239	Sonia Susana	s-sil m-arg alt-tf				C			<u> </u>				6	L		Δ	\	$\perp$	_	$\perp$	$\perp$	_	0	_	┷
71	6241	Sonia Susana	s-arg alt-tf limo	0			C			6	)	L	<u> </u>	0		L	1_		<u> </u>				ļ	1	ļ	1_
72	6243	Sonia Susana	wk-arg alt lptf	×	Ī		4	×		€	)	1				$\perp$			┸	$\perp$	$\perp$	$\perp$	_		_	1_
73	4776	Calorno	s-sil hyd-br		>	K		,	,	╧			Ĺ			$\perp$		_ _	ļ	$\perp$	_	•	•	<u> </u>	┸	ļ
74	4777	Calorno	ylw-wht s-arg alt-r		Δ	3?	6	) 2	7					L	$\perp$			$\perp$	╧	_		1			1	┶
75	5406	Calorno	hb-bt an		(	5	C	7		C	)			Ç						$\perp$	1			<u> </u>		
76	5426	Calorno	s-sil r	0	,														_		$\perp$	1.			L	_
77	5427	Calorno	s-sil s-arg r qz v bxwk	6	•												_  _			L	$\perp$	$\perp$	_	Ļ	Ļ.	_
78	5618	Calorno	ms-sil wm-arg lptf		Δ	`	Ţ							_ _	L					×	?		9	_	┶	
79	5636	Calorno	wht s-sil alt an		1	×												_ _		$\perp$			9		$\perp$	_ _
80		Calorno	m-arg lptf		4	Δ	•	3 Z	Δ					Δ	?					$\perp$		_	×	$\perp$	1	1
81		Calorno	s-arg bt an		T		7	5			4	17									$\perp$	_				
82		Calorno	wk-sil s-erg hyd-br			T		•	9			Ţ	7		T.			Ì.							$\perp$	
83		Calorno	vs-arg an	.,,	7	Δ		× (	<b>Q</b>		_														$\perp$	
84		Calorno	s-sill s-arg an or an-tr		- -	Δ						Ţ		-[							(	٥				
85	.,	Calorno	m-arg tf~lptf	-	-	Δ	+		Δ		Ţ							_[^			$\perp$		0	-	_	$\perp$
86	**-	Loma Llena	m-arg br oxd	1	1	0		×	Δ		1		T				J		$\int$		$\int$	_[				$\perp$
87		Loma Llena	s-arg wk-sil an?	-	1	×?	_	1										Ţ		,	× ?		0			
88		Loma Llena	m-arg an oxd		1	7	1		T	_					Δ	J			J	_[′	0			_[		$\perp$
89		Loma Llena	m-arg br oxd		1	7	$\top$	-1						_						;	× ?		0			
90		Loma Llena	s-sil br	7	1	0	-		7							_					Δ		0			
91		Loma Llena		1	1	×	-	0	0		-	_	T						Ţ							
92		Loma Llena				Δ	_	1	_		Ť		1		1					T			0	J	Ţ	
93		Loma Llena	· · · · · · · · · · · · · · · · · · ·		+	Ճ	_	_	$\uparrow$	_	$\dashv$	_†	7	1	T	-	1	1	T		Δ	1	0			
94		Loma Llena			+	Ճ	+	_	_		_	1	$\top$	1	1	$\dashv$			1	寸	7	-	9	_	T	1
9:		Loma Liena	(III)	+	+	×	-+	$\dashv$	-	+		-	+	1	7	1	1		7	7	7	_	0	1		$\top$
	····	Loma Liena Loma Liena			-	×	寸	7	_		-+	1	$\dashv$	-†	+	寸			1	7	-	Ì	0	7	十	1
90						0		-	-	0	$\dashv$			+	+			1	_	$\dashv$	$\dashv$		Δ	1	_	$\top$
9		Loma Llena				Δ	-			귀			$\dashv$	$\dashv$		$\dashv$		+		$\dashv$	-	×	6	$\top$	$\dagger$	
9		Loma Llena			-	-	$\dashv$	-		-	$\dashv$	-		+	$\dashv$		0	-		$\dashv$	十		0	+	+	+
9		Loma Llena Loma Llena		∤-		0			$\dashv$	$\dashv$		-	-			+					×			$\dashv$	$\dashv$	+

			Mineral									Smectite	ectite		Potassium feldsper											
No.	Sample	Locality		z	Cristobalite	nite	tite	ite	93	te	te		Chiorite/Smectite	Plagioclase	sium f	9 2.	Pyrophyllite	se	9	rsite	ite	به		onite	irte	ite
	No.		Rock	Quartz	Cristo	Tridymite	Smectite	Kaolinite	Dickite	Sericite	Chiori	Sericite	Chlor	Plagio	Potas	Sanid	Pyrop	Anatase	Calcite	Halloysite	Jarosite	Alunit	Pyrite	Palagonite	Goethite	Amesite
101	4766	Loma Llena	s-arg s-sil tfbr	T														Т				0				_
102	4769	Loma Liena	s-sil alunite?		0															×?						
103	4931	Loma Llena	vs-arg? lptf? hyd br?	0	_																	,			_	
104	4932	Loma Liena	s-sil wk~m-arg da?	0											L.	<u> </u> _	_	×?	_		_					
105	4940	Loma Llena	s-arg.s-(m) sil hyd br?	Δ	0									×?	L_	ļ	ļ			_			ļ			
106	4950	Loma Llena	(m)∼s-arg bt an	<u> </u> _		ļ	0	0	_	_			_	×	ı	<u> </u>										_
107	4953	Loma Llena		0							ļ	~ ~			ļ			0				×		$\vdash$		, l
108	5203	Blanca Nieves	w-sil,w-prpy an	-	0	-	Δ	0	L					×	L	<u> </u>	_					_				_
109	5214	Blanca Nieves	wk-sil m-arg an		Δ	-					-				├-	<u> </u>	_	-		_	-	0		$\vdash$	$\vdash$	
110	5236	Blanca Nieves	m-sil wk-arg br		0			0				ļ;		Δ			-	-	<del> </del>			0	$\vdash$	$\vdash \mid$	$\vdash \vdash$	- <b></b>
111 112	6429 6433	Blanca Nieves Blanca Nieves	s-sil hyd-br	<del> </del>	-	-		-	ļ					Δ						-	-	9	$\left  - \right $			
113	6915	Blanca Nieves	m-sil m-arg da-stock?	1-	Δ	-	H		-			<del> </del>	-			-	├		<del> </del> -	-		0			<del>  </del>	
114	6922	Blanca Nieves	s-sil hyd-br	Ͱ	0	$\vdash$			-	<del> -</del> -	_	-	H	—		$\vdash$	$\vdash$	$\vdash$	-	-		0				
115	6930	Blanca Nieves	vs-sil-r (an?)	╂╌	Δ		$\vdash$		-		$\vdash$	<u> </u>		-	⊢	├	-	$\vdash$				0	-	$\vdash$		_
116	6933	Blanca Nieves	vs-sil hyd-br	<del> </del>	Δ?	ļ						-										0				
117	4975	Blanca Nieves	s-sil m-arg limo an	<del> </del>	-		0		-				—		<del> </del>		-				0					
118	6273	Blanca Nieves	vs-arg lptf s-sil lptf	┢	-	├-	0	Δ	-	-	-	-		-	┝	-	-			-					-	
119	6282	Blanca Nieves	s-sil s-arg v wd:2m	┢	Δ	<del>                                     </del>	×	0	<del> </del>	-	-	!	-		H		-				×?	0				.—
120	6283	Blanca Nieves	vs-sil v wd:3m		×	H		ļ. <u>.</u>	-						H	H		-				0				_
121	6435	Blanca Nieves	vs-sil v wd:5m	×	0	r	-	×	l					_	r	一	一					×	$\sqcap$		$\sqcap$	_
122	6436	Blanca Nieves	s-sil s-arg lptf ~tf	T	0					T			-	Г	_										П	
123	6439	Blanca Nieves	s-sil m-arg tf	0		-		×?	-		-			_	-	-										
124	6440	Blanca Nieves	s-arg lptf			1	0			Δ?	-			0	1	-		_								
125	6445	Blanca Nieves	s-sil br	0					Γ	×				×	_	Г				×?		_				
126	7004	Blanla Nieves	s-sil v		0		Δ	0																		
127	7007	Blanla Nieves	m-sil s-arg an											Δ						0						L
128	7010	Blanla Nieves	m-sil s-arg an	L	0			Ø													Δ					L
129	7012	Blanla Nieves	m-sil s-arg an					0						L		_										Ĺ
130	7054	Blanla Nieves	wk-arg br oxd	L		L	Δ	_	L.	Δ	<u> </u>			Δ	L	_		<u> </u>		0		_				_
131	7061	Blanla Nieves	m−arg br oxd	L	0		0	_	L	_		<u> </u>		0	L	<u> </u>				0						
132	7072	Blania Nieves	-	ļ	<u> </u>		<u> </u>	L	L	_	ļ	ļ		Δ	_					0						ļ
133	7090	Blanca nieves	s-arg an	ļ	-	_	<u> </u>	0	_	ļ	_	<u> </u>			<u> </u>	_		Δ?	<u> </u>	<u> </u>		0	igspace			L
134	7103	Blanca nieves	m-arg an?	<u> </u>		-	_	0	_	$\vdash$	$\vdash$	L	<u> </u>	<u> </u> _	<u> </u>	$\vdash$	_				<u> </u>	×	_			L
135	7104	Blanca nieves	m-arg an	≜	┈	_		6	<u> </u>	ļ	<u> </u>	$\vdash$	ļ.,,	<u> </u>	-	<u> </u>	-	×	ļ	ļ	ļ	Δ				~
136	7107	Blanca nieves	s-sil an?	₽	-	-	<u> </u>	0				<del> </del>		_	-	-	-	ļ	ļ	-	<u> </u>	Δ	<u> </u>	<sup> </sup>		
137	7109	Blanca nieves	m-arg an	-	Ø		Δ		<del> </del>		-	+-		0	-	-	   	-	1	0	$\vdash$	-	H	H	$\vdash$	$\vdash$
138	5893 6006	Carangas	m-arg br	0		╂	<del> </del>	×	-	0			Δ?		$\vdash$	$\vdash$	9	-	-	-	-					-
139 140	6006 6395	Carangas	gn sph py ccp ore	⊬	-	$\vdash$	-	<del> ^</del>	-	۲	-	-	-	1	0	<del> </del>	-	<del> </del>		<del> </del> -	-		-	-	<del> </del>	-
141	5903	Carangas Culebra	s-sil s-arg hyd-br	1-	-	╁—	-		-		-	-	$\vdash$	-	۳	-	$\vdash$	$\vdash$	$\vdash$		-	0	$\vdash$	H	$\vdash$	$\vdash$
142	4973	Culebra	s-sil m-arg hyd-br s rich	+	-	-		+	+	6		H	-	$\vdash$	$\vdash$	-	+	-	-	$\vdash$	+-	۳	$\vdash$	-	$\vdash$	-
143	6024	Culebra	blu-gry cly wk-arg tfbr		+	1-	6	-	-	0		<del> </del>	-	-	+	<del> </del>		-	+	_	├	-	<del> </del> -	<del>  -</del>		-
144	6027	Culebra	m-arg lptf~tfbr	×	+-	$\dagger$	0	-		Ť	$\vdash$	+	-	1	+	H	x:	?	$\vdash$	<del> </del>	$\vdash$	-	$\vdash$	$\vdash$	Н	$\vdash$
145	5756	Mendoza	vs-sil wk-arg lptf?	0	+	$\dagger$	Ť	-	-		<b>†</b>		T	-	+-	†	†	1	1-	$\dagger$	1	0		ļ		
146	5757	Mendoza	vs-arg (tf?~) an	T	1	+	$\vdash$	$\vdash$	$\dagger$	0			×			T		$\dagger$	1-	$\vdash$			T		$\vdash$	
147	5759	Mendoza	vs-arg (ti: ") ari vs-sil wk-arg tf~lptf	(9)	+		-	-	1-	+-	†-	1		-	-	-		$\vdash$	一	$\dagger$	-	0	<del> </del> -	<del> </del>		
148	5760	Mendoza	vs-sil wk-arg an	×		1		Т	$^{\dagger}$	T	T	T				$\vdash$	<u> </u>	$\top$	1			0	+-		$\vdash$	
149	5766	Mendoza	vs-sil qz da	0		t		T	†		1-	T	1	<b>†</b>	-	-	-	t	T	<b>†</b>		0	1	-		
150	5767	Mendoza	wk-sil s∼m-arg qz da	0		-		十	┢	Τ"	1	Τ	T	$\vdash$		T	1	Δ	,	$\vdash$			H	<u> </u>		Г

	Sample		Mineral		salite	ite	te	e		a)	- 1	e/Smectite	Chlorite/Smectite	lase	Potassium feidsper	je je	ylite	يو		site	le			nite	te	ie
No.	No.	Locality	Rock	Quartz	Cristobalite	Tridyn	Smectite	Kaolinite	Dickite	Sericite	Chlorit	Sericite	Chlorit	Plagioclase	Potass	Sanidii	Pyrophyllite	Anata	Calcite	Halloysite	Jarosite	Alunite	Pyrite	Palagonite	Goethite	Amesite
151	5768	Mendoza	vs-sil wk-arg tf? an?	Δ																	×	0				
152	5769	Mendoza	m-arg(aln) wk-sil bt? an	0	Δ								4		_			_	_	_		0	_	_		
153	5772	Mendoza	s-sil (s∼)m-arg(aln) an	×	<b></b>	ļ									_					_		0				_
154	6773	Mendoza	s-sil m-arg qz da	Δ	0							$\dashv$	_				_	_			-	0			-	_
155	5774	Mendoza	m-sil w-m arg(al?) an		0		<u> </u> _		_	-								-			Δ	0				ļ. —
156	5807	Mendoza	m-sil m-arg da	٥		ļ		0											_			×?				
157	5813	Mendoza	s-arg r,oxid		_	L	ļ	0	<u> </u>			×			-		-									$\vdash$
158	4969	Mendoza′	alt an		ļ	<u> </u> _	_			△	0												-			
159	4970	Mendoza	gz gth v	0		ļ	Δ	Δ	-		-											Δ?		_	$\vdash$	
160	4971	Mendoza	clay	<u> </u>	ļ		ļ	×?		0									_						t-	-1
161	4972	Mendoza	s-arg an?	$\vdash$		-	-	-	ļ	0	<u> </u>	<u> </u>							_	-	-	×		-	$\vdash$	$\vdash \mid$
162	5855	Mendoza	s-sil r	×			-	0	<u> </u>		<del> </del>	$\vdash$	<u> </u>		_	$\vdash$			-	_	$\vdash$	×		-	$\vdash$	$\vdash \mid$
163	585B	Mendoza	s−sil r	8				-	-			-	$\vdash$			_	_				-	Ô				
164	5860	Mendoza	s-sil r	0	$\vdash$	-		0	-	1			-	<u> </u>		-	$\vdash$	_		-	-	0	1	-	<u> </u>	
165	6344	Mendoza	gn py ore dump	Ů	-	-	-	-	-	0	-	-	-	-			-	-				Š		-	$\vdash$	
166	6358	Mendoza	s-arg m-sil r	 Δ	-	╁	_ 	-	-	0	-		╢	Δ				-	-	-	$\vdash$				$\vdash$	$\vdash$
167	4967	Mendoza	s-arg s-sil tf	Δ	-	-	0	×	<del> </del>	0	$\vdash$		ļ	-	-	$\vdash$		-	-	1		-		-	-	╁╌┇
168		Mendoza	s-arg s-sil tf	-	-	╁╴	+	+		ľ	-	$\vdash$	-		_		0			╁	<del> -</del>	$\vdash$		<del>  -</del>	-	
169		Mendoza	vs-sil an?	-	-	.	6	-	╁	0	-	$\vdash$	$\vdash$	-		╁	Ť	-	<del> </del>	-			-	-	<del> </del>	$\dagger =$
170		Mendoza Mendoza	s-arg an	╁	-	+	╁	-	+	0	+~-~	┧─	┨	$\vdash$		-	Ì		H		-		t	┢	-	
171	, •	Mendoza	s-arg vs-sil tf	Δ	+	╁	-		╁	×		+-	$\vdash$	╽			┢┈		t	<del> </del> -		İ	$\vdash$	Ħ	$\vdash$	1-1
173		Mendoza	alt an	╫	+	-	Δ	2	╁╌	0	- <u> </u>	╁	╁	-	<del> </del>			-	-	$\vdash$			-	-	$\vdash$	$\Box$
174		Panizo	s-sil an m∼s-arg z wth s-sil v	1	0	+	+-	0		╁	-		-	$\vdash$	<del>                                     </del>	Ħ	<del> </del> -		$\vdash$	T		0	<u> </u>	1	1	
175		Panizo	m-sil s-arg tf~lptf		+	$^{\dagger}$	6	-	1-	-	$\dagger$	$\vdash$		-		$\dagger$		ļ-	†	×		<u> </u>	-	╁	1	$\Box$
176		Panizo	vs-arg tf~lptf	+	1	-	6	,	†-		-	$\dagger$		1-		1	1	1	1	Δ	1	T		1		
177		Panizo	m-arg m-sil an	" -			-	1	t	╁	1	1	T	T		1	ĺ	T	T	×	?	0	T	T		
178		Panizo	m-arg m-sil br ox-Mn	Δ	-	†-	-	×	1	6	,	1	T	Δ	1	-					1		1	Τ	T	
179		Panizo	s-arg da	Δ		1	十	-	1	С	0		1		1	T	-	1					1			
180	***************************************	Panizo	s-arg da	Δ	-	$\top$	_	1-	1	e	0				Ī				-					1		
181	··· <del>[</del>	Panizo	s-arg an?	"	-	T	1	-	-	€	,				1	T		T	Γ				Τ			
182		Panizo	s-arg an	"[	-					6	) ×															
183		Panizo	s-arg br oxd Mn	T	-			4	7	6	•	Τ			С		1	Г								
184		Panizo	s-sil v		4	7		Ç	)		I											6			L	
185	5 4249	Panizo	m-arg sil an?		2		T	6	)						L		Ţ	L			×			1	1	
186	4285	Panizo	m−sil m−arg v		9	2		€	•			L					_			ļ.,		×		_	L	
18	7 4288	Panizo	m-s sil,m-s arg an		1	<u>\</u>			Ţ							Ţ.				×	?	€		_	_	L
188	4296	Panizo	s-sil z in s-arg,m-sil an	$\prod$	(	9											Δ	1		_			1		_ _	1
189	4327	Panizo	m-arg an sulfur?	Ç	) (	9						$\perp$		1.	ļ.,		_	6	9	ļ	_ _		$\perp$		$\perp$	_
190	4330	Panizo	s-arg wk-sil an	,	<   €	9	,	_ _			_					1	_	_	$\perp$	_		_		_	$\perp$	$\perp$
19	1 4339	Panizo	s-arg an	•	<b>&gt;</b>			_ _		_ _	$\perp$	_	1_	_	_	1_	_	1	_	_	$\perp$	1	4-	4	_	$\perp$
19	2 5033	Panizo	vs-sil vgy-powder silica		+	9	_ _	$\perp$	_ _		_	_ _	$\perp$	1	_ _		_	4	1	- -			$\perp$	1	1	_
19:	3 5038	Panizo	m∼s-sil wk-arg bt an			△	_ _	_ _	$\perp$	_	- -	_ _	_ _	$\perp$	_	1	_	-	$\downarrow$	×	?				4-	_
19	4 5044	Panizo	wk-sil m-arg lptf~tfbr?	]_			_	_ _	_ .		_	$\perp$	_ _	_ _	_	-	$\perp$	1		- -		•		_	-	
19	5 5433	Panizo	m-arg s-sil an lava		+	Δ.	_		6)	_	_ -	_ _	_	_			_	1		$\downarrow$	_ _	_ <u> </u>	?			$\perp$
19	6 5442	Panizo	s-arg m-sil r	_	_	4		_	9	_	_	_		_		1	4	+					4	-	- -	-
19	7 5698	Panizo	s-arg r (an?)	]	_ _	_		×	_ _	$\perp$				- -	_		_		- -	-	•	-	4	-	4	$\downarrow$
19	8 6786	Panizo	s-arg w-m silhyd br?		×	$\perp$	_	_ -		_ _	_ _	_ _	4		.		- 6	-	$\perp$		- -		<u> </u>	_ _	- -	+
19	9 6799	Panizo	s-sil wk-arg tf? an?	[		Δ		_ _	_ _	_ _		_	-	_	-	$\perp$	4	1	4	$\perp$	4-		<b>9</b>	_	- -	-
20	0 2046	Sailica	m-sil m-arg an		1	9			×							1						1	2			$\perp$

_	T	<u> </u>		_	Τ'''	<del>-</del>	_	ī	_	<del>,</del>		-			-	<del></del>		_						<del></del>		<del></del>
			Minera									tite	ite		Potassium feldsper											
					43							Smectite	nect		felds										İ	
No.	Sample	Locality			Cristobalite	ite	e.	93		۵	es es	3	e/Si	lase!	un:	e	Pyrophyllite	83		<u>e</u>	اه			iţe	ارد	d)
	No.	Locality		Quartz	stor	Tridymite	ect	Kaolinite	技	ig.	Chlorite	Sericite/	lorit	gioc	assi	nibin	oph	Anatase	Calcite	Halloysite	OSit	Alunite	Pyrite	Palagonite	Goethite	Amesite
			Rock	8	ঠ	H.	Ę.	χÃ	ă	Ser	5	Ser	ប	Pa	Pat	Sar	Py	Ani	ပ်ခ	Ha	Par	Alu	Ŗ Ÿ	Pa	Š	¥
201	2055	Sailica	s-arg an	T			Δ	0												$\dashv$				ᅥ		_
202	2056	Sailica	s-arg wk-sil an		0		0	0	-					0							-					
203	2062	Sailica	m-sil m-arg an	0				0		Δ?				0												
204	2071	Sailica	s-arg an	<u> </u>	_	L	0	y																		
205	2889	Sailica	m-sil,m-arg lit tf		0			0?													0			[		
206	2890	Sailica	s-arg pumis tf		<u>L</u> .		0	0					_	_								Δ				
207 208	3285	Sailica	s-arg an s-oxd	0	ļ	<u> </u>	<u> </u>	0		Δ				_						_						
209	3287	Sailica	m-arg da? Oxd	0	_					×				0		_				Δ		_				
210	3407 3416	Sailica	s-arg an oxd	L	Δ		<u>×</u>	0		-		_							_	_		×		_		
211	3423	Sailica Sailica	m-arg wk-sil an		0	<u> </u>	×	0	_					_							_					
212	3430	Sailica Sailica	m-arg wk-sil an oxd	×	0	<u> </u> ,			$\dashv$			_				_					_	0	_			
213	6702	Sailica	m-arg an? oxd	Δ.	_	<u>_</u> .	Δ	Δ	_		_	0		4	_	_		<b></b>		_ .			_	_	_	
214	6704	Sailica	m-sil s∼m-arg bt an				-	0			-			_	_							×	_	4	_	
215	6707	Sailica	m∼s-sil s-arg bt hb an	H	Δ			0		-	$\dashv$			-			_				_	×				
216	6713	Sailica	s-arg bt an				-	9		×?	-			}		— <sub>[</sub>			$\dashv$	-	<u>}</u>	Δ		$\dashv$		
217	6720	Sailica	m∼s sil wk∼m arg bt hb an	Ø	-		-	×		$\dashv$	-		-	-		$\dashv$	0		$\dashv$	-		0	_			_
218	6732	Sailica	s-arg bt? an? s~m-arg iptf	H	Δ?		•	0		-				$\dashv$		$\dashv$	-		-			×				
219	6741	Sailica	m-arg m-sil an dike?	0			0		-		~	-	-		$\dashv$	+			$\dashv$			4		-+	$\dashv$	
220	6745	Sailica	s-arg an	H	_	$\left  - \right $	Ť	0						4	$\dashv$							-			-	
221	2022	Sailica	wk-sil s-arg lptf		_			-	-	0	0	1		-	$\dashv$	-	$\dashv$	-			+	$\dashv$		$\dashv$		
222	2024	Sailica	vs-arg tf					-	_	-	0	+		$\dashv$	$\dashv$	-	$\dashv$	-		+	╁	1		-	$\dashv$	
223	2031	Sailica	dio dike?				6	0				— †		$\dashv$	十			-+		+			$\dashv$	-	-	-
224	2035	Sailica	s-sil sph gn dike								0				7	-	$\dashv$	-	×	+	-+	-+	$\dashv$		+	
225	6771	Colorado	s-arg lptf?					×?					7		_		-	7	1	_	+	6	$\dashv$		+	-
226	6772	Colorado	vs-arg lptf		Δ								T		-			7	$\top$	× ?	1	0	1		$\dashv$	_
227	6779	Colorado	vs-arg m?-sil lptf	0									_ _			_  				1	_		-			
228	3433	Colorado	m-sil tf oxd							x ?										-	1	<b>⊚</b>	_	$\top$	$\top$	
229	3439	Colorado	s-arg wk-sil tf?	×	0																					_
230	3445	Colorado	s-arg tf?		_			Δ	_						_ _							9			T	
231	3450	Colorado	m−sil v	-	0		_				_ .				.		_									
232	3456	Colorado	st-arg tf	<u>!—</u> !	4	_		Δ	_	4		_	_ .	_ .	_						'	0				
233	3462 3468	Colorado	s-arg tf		Δ?		_	Δ	_	_	_ .		_ .	_ _	1			_ .			_  ∙	9				
234 235	2095	Colorado	m-arg lithic-tf		△?			×	4	_ .	_	_	_	_	_		_	_ .			1	0	_			
236	2097	Colorado Colorado	s-arg wk-sil lptf				×?	0	4		_	_ -		4	-	_	_	-	_	_		×	4		_ -	_
237	6746	Colorado	m-arg m-sil lptf			-	_	0		_	_		_			$\perp$	_ .		_ -		-⊦	Δ.			4	_,
238	6758	Colorado	vs-arg lptf?~tfbr?		Δ?			<b>0</b>	4				- -			4.	-	4	_	- -				_ -		
239	2172	Luxsar	vs-arg  ptf?	-	4	-	Δ?	•		-	-		ŀ	-	+		-	_ -		_	-	4	-		4	_
240	2174	Luxsar	wk-arg hb an	-		-	Δ,			$\dashv$				<u> </u>		- -	- -		_	9	$\perp$	-	-		-	
241	2177	Luxsar	lptf		+	$\dashv$			$\dashv$		$\dashv$	+	-	) T	-	-  .	+					의	+	-		-
242	2178	Luxsar	hyd br hyd br	+	$\dashv$	0		-			+		+			- -	-		- -	?		- -	9		+	-
243	2182	Luxsar	bk mineral v		- l	-	-		-	0?		+		9	+	-		- -			- -	<u></u>		+		
244	2184	Luxsar	hyd br	+		0	Δ	× ?	`		+			_	-	+	+	-		- -	-	<u> </u>	-			-
245	2187	Luxsar	s-ang hyd br			-				+		+					+			?		9			- -	-
246	2818	Luxsar	s-sil m∼w arg da	-	0	- -		Δ?						5		+	+	-	+	-  -	-	-	+	- -	+	$\dashv$
247	2819	Luxsar	s~sil lptf		Δ		-		+	-	-	-	- -		+	+-		+	-		? (	<u>_</u>	-		+	
248	2842	Luxsar	s-arg lptf	$\dashv$	$\dashv$		Δ	0	[		- -	+	-	9		- -	- -		+	+^		5	- -	-		-
249	3224	Luxsar	m-arg an oxd			+			- -		-	-+	+	-			+	+		Δ -		<u>-</u>		+		۱.
250	3234	Luxsar	m-arg wk-sil br		$\top$	-		$\dashv$	- -		+	+		+	+		+			- 5 Z	-1	>				{

No.	Sample No.	Locality	Mineral Rock	Quartz	Cristobalite	Tridymite	Smectite		Dickite	Sericite	Chlorite		Chlorite/Smectite	Plagioclase	Potassium feldsper	Sanidine	Pyrophyllite	Anatase	Calcite	Halloysite	Jarosite	Alunite	Pyrite	Palagonite	Goethite	Amesite
251	2003	Cachi Unu	m-sil s-arg tfbr	٥				0				0														
252	2127	Cachi Unu	m-sil m-arg an		0				L													0		_	_	_[
253	2152	Cachi Unu	wk-sil m-arg lptf or br-an		0		Δ?	0									0					Δ	_	_		
254	2154	Cachi Unu	m-sil wk-arg an	0		L																0				
255	2158	Cachi Unu	wk-arg an		0			0		Δ															$\perp$	
256	2163	Cachi Unu	wk-sil m-arg an			0		0		х												×				
257	2165	Cachi Unu	m-arg an py imp	Δ	0			ø						Δ										[		
258	2166	Cachi Unu	m-arg an		Ø																	0				
259	3203	Cachi Unu	wk-sil wk-arg br s-oxd		O		Δ	Δ?						9												
260	3204	Cachi Unu	m−arg br wk−oxd				0	0														Δ				
261	3208	Cachi Unu	m-sil m-arg tf	Γ	Δ		Δ	0																		
262	3211	Cachi Unu	s-sil tf		0																					
263	2169	Sedilla	wk-arg lptf	Π		Γ	0							O?												
264	3239	Sedilla	m-arg an s-oxd	Γ		Γ	Γ														Δ	0		П	$\Box$	$\Box$
265	3241	Sedilla	m-arg v wd:0,5m s-oxd	Ī	0															Δ?	0	0				
266	3245	Sedilla	wk−arg an oxd		0			<u> </u>												Δ?	0	0				
267	3246	Sedilla	m-arg an oxd	Γ	0	Γ	ж?	0						Δ						l		Δ				
268	3249	Sedilla	m-arg an oxd			Γ	Ī														Δ	0				
269	3253	Sedilla	s-arg an oxd	Ī			Γ			Γ		-								×?		0				
270	3255	Sedilla	m-arg an	Г			×?	0						Δ								Δ		П		
271	4920	Sedilla	wk-arg px(hb?) an				0			Ì				Δ										$\Box$		
272	4923	Sedilla	m-arg lptf	Ī			0	0	ļ	Δ?			Г	Δ					_	_			-			
273	2013	Sedilla	bt an	Γ	0	-				Δ				0										$\Box$		
274	2016	Sedilla	s-arg bt an	1						x?				0						0		Γ				
275	2191	Sedilla	s∼m-arg da		_		Δ	0				Г	-						Γ		×					
276	2198	Sedilla	s-arg bt da	T			0	-			ļ				_									П		
277	2850	Sedilla	s-sil m-arg da	0	Δ				Ī		Γ	Ī	Γ	0				Ť. ".		Δ?				Π		
278	2853	Sedilla	s-sil s-arg da	1	o		Δ	0									Г						_			
279	2854	Sedilla	m-arg da	Ĭ-	Τ	1	0				Γ														T	
280	2855	Sedilla	m-arg da	×	1	Τ		Ø		Π	1	0			T										T	_
281	3260	Sedilla	m-arg wk-sil da oxd	T	T-	<del>                                     </del>						0		Δ												
282	3265	Sedilla	m-arg wk-sil da	Δ		1	0	?						0						×				П		7
283	4912	Sedilla	m-arg bt da	T	T	T	1	Δ	1	×		0	1				Γ	1			Г		ļ			
284	4915	Sedilla	(m)∼s-arg bt da	1	Τ	1		Δ	t		Γ	9	T	×		T	<u> </u>	1	1	1		<u> </u>	Ť			





## Appendix 5 Fluid Inclusion Analysis



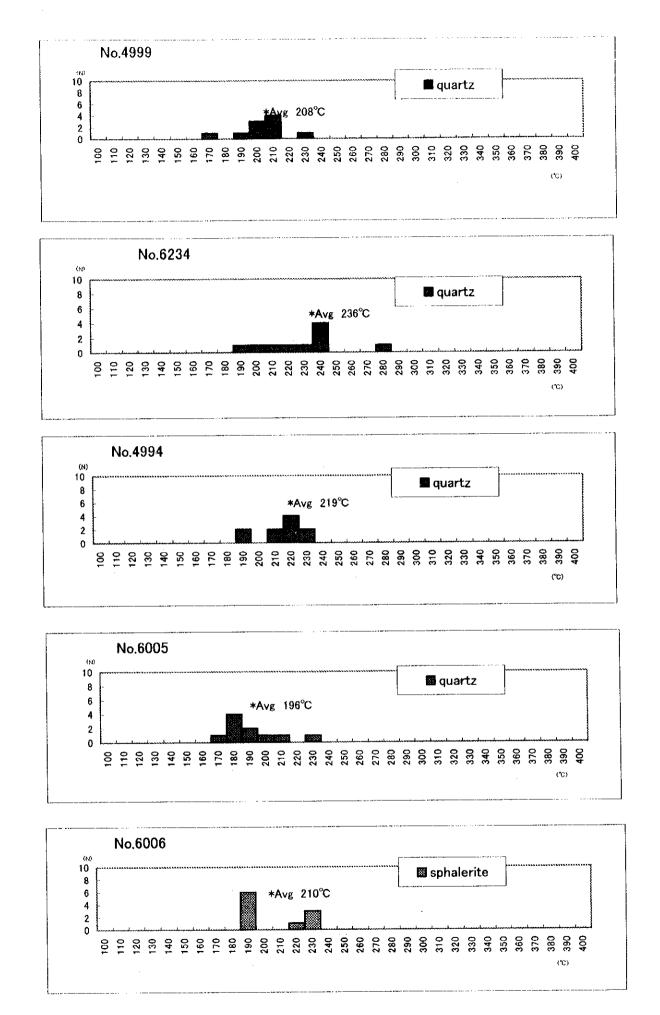
No.	Sample No.	District	Location	UTM (Zone 19)		. Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Мо	Ba	Sn
				N	Е	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	4999	Sonia Susana		7,914,618	517,550	1-										
2	6234	Sonia Susana		7,915,863	517,524											
3	4994	Carangas	San Antonio	7,905,580	539,545											
4	6005	Carangas	Espiritu	7,905,970	539,280	<2	759	423	11691	14458	103	126	<1	14	594	
5	6006	Carangas	Espiritu	7,905,897	539,256	2	84.2	225	92700	60970	74	85	<1	155	547	
6	6006 Qz	Carangas	Espiritu	7,905,897	539,256	2	84.2	225	92700	60970	74	85	<1	155	547	
7	4991	Carangas	San Francisco	7,913,478	537,375											!
8	4986	Mendoza	Mina La Deseada	7,824,521	635,185											
9	4987	Mendoza	Mina La Deseada	7,824,508	635,257											
10	6385	Mendoza	Mina Maria Luisa	7,820,252	634.770	1422	1240	2390	33400	55825	351	130	<1	14	69	Ĺ
11	6389	Mendoza	Mina Maria Luisa	7,819,707	634,899	25	610	1573	31500	4487	97	35	7.385	22	1857	
12	6316	Mendoza	Iranuta	7,822,006	623,464	2	0.6	6	425	503	38	19	<1	5	687	
13	6325	Mendoza	<b>I</b> ranuta	7,821,611	624,219	<2	<.5	3	17	<b>2</b> 7	24	<5	<1	<1	293	<u></u>
14	6332	Mendoza	Iranuta	7,820,909	626,414	<2	<.5	9	13	44	15	<5	<1	<1	847	į
15	6335	Mendoza	Iranuta	7,822,183	624,333	29	163.3	229	457800	1462	67	72	<1	3	224	i
16	6338	Mendoza	Iranuta	7,822,185	623,972	32	157.1	601	211800	4827	278	34	<1	9	453	i
17	5489	Panizo	Chinchilhuma San Salvador	7,791,850	567,019	348	83.8	1358	37700	279334	274	58	<1	1	189	<u> </u>
18	5490	Panizo	Chinchilhuma San Salvador	7,791,850	567,019	284	171.1	4097	89500	229006	553	350	<1	18	85	
19	5491	Panizo	Chinchilhuma San Salvador	7,791,850	567,019	225	209.5	5051	116800	354923	549	387	<1	33	89	
20	5497	Panizo	Chinchilhuma Aguilani	7,790,791	567,217	660	470	23476	29500	107054	1271	193	<1	15	25	L

Appendix 5-1 Sample List of Fluid Inclusion Analysis

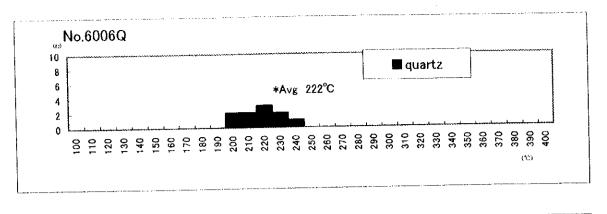
District	sample No.	Host Minerals	Filling temperatures (Th°C) and melting temperatures (Tmice°C)	number of inclusions	Range °C	Avg. °C	NaCl in Solusion (wt%)
,—	┝╌┈╼╂		Th(°C) 177 206 211 213 216 205 198 213 202 234	10	177 — 234	208	
is i	4999	quartz	Tmice(°C)   -0.9   -0.8   -0.9   -0.9   -0.9   -0.9   -0.9   -0.9   -0.9	10	-0.9 — <b>-</b> 0.8	-0.9	1,5
Sonia-Susans	├ <del>─</del> ─-		Th(°C) 234 210 289 200 249 248 222 243 217 248	10	200 — 289	236	
Š	6234	quartz	Tmice(°C)   -0.8 -0.8 -0.8 -0.7 -0.8 -0.1 -1.2 -1.2 -1.1 -0.6	10	-1.20.1	-0.8	1.4
$\vdash$	<del>                                     </del>	<del>-  </del>	Th(°C) 211 228 194 194 221 227 239 229 219 232	10	194 — 239	219	
	4994 6005	quartz quartz	Tmice(°C) 0.0 -0.1 0.0 0.0 0.0 -0.1 -0.5 -0.3 -0.1 -0.1	10	-0.5 0.0	-0.1	0.2
Carangas			Th(°C) 200 187 194 186 176 181 188 233 213 204	10	176 — 233	196	
			Tmice(°C) -2.4 -2.3 -2.3 -2.5 -2.4 -2.3 -2.3 -1.0 -1.0 -0.9	10	-2.5 <u>0.9</u>	-1.9_	3,3
		sphalerite	Th(°C) 233 233 229 232 196 195 195 197 193 193	10	193 — 233	210	
1 2	6006		Tmice(°C)   -5.5 -5.3 -5.5 -5.4 -1.8 -1.9 -1.7 -1.7 -1.3 -1.6	10	-5.5 — <b>-1.3</b>	-3.2	5.2
ి			Th(°C) 241 223 226 211 209 232 210 234 213 221	10	209 — 241	222	4.0
1	6006Q2	quartz	Tmice(°C)   -2.7 -2.7 -2.7 -2.6 -2.5 -2.5 -3.4 -3.3 -3.2 -3.2	10	-3.42.5	-2.9	4.8
l		quartz	Th(°C) 248 251 252 251 254 256 256 253 267 271	10	248 — 271	256	
1	4991		Tmice(°C) -0.8 -0.9 -0.8 -0.9 -1.0 -1.2 -1.2 -1.3 -0.8 -0.8	10	-1.30.8	-1.0	1,7
		quartz	Th(°C)   168 205 184 185 192 193 218 178 178 180	10	168 — 218	188	
	4986		Tmice(°C) -0.2 -0.3 -0.1 -0.2 -1.4 -1.5 -0.3 -0.2 0.0 -0.1	10	-1.5 <b>—</b> 0.0	-0.4	0.8
		quartz	Th(°C) 196 193 188 162 192 185 187 185 195 196	10	162 — 196	188	
	4987		Tmice(°C)   -3.5 -3.5 -4.5 -3.4 -3.6 -1.5 -1.2 -1.4 -0.9 -1.0	10	-4.5 — -0.9	-2.5	4.1
	6385	quartz	Th(°C) 244 247 243 246 231 239 239 231 230 236	10	230 — 247	239	
ı			Tmice(°C) -0.2 -0.2 -0.2 -0.2 -0.3 -0.2 -0.3 -0.2 -0.2 -0.2	10	-0.3 — -0.2	-0.2	0.4
1	6389	quartz	Th(°C) 279 274 274 274 274 274 272 272 259 270	10	259 — 279	272	
_			Tmice(°C) -0.1 -0.2 -0.2 -0.1 -0.2 -0.2 -0.1 -0.1 -0.1	10	-0.20.1	-0.1	0.2
Mendoza	6316	quartz	Th(°C) 204 211 220 198 234 165 213 233 257 270	10	165 — 270	221 -1.2	2.0
<u></u>			Tmice(°C) -1.1 -1.2 -0.9 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2	10	-1.2 — -0.9	<del></del>	2.0
Σ	6325	quartz	Th(°C) 290 239 240 241 242 249 271 250 271 249 249	11	239 — 290	254	0.3
			Tmice(°C) -0.2 -0.2 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1	10	-0.20.1	-0.2	0.3
1	2000	<u> </u>	Th(°C) 309 373 364 310 304 243 264 292 254 253	10	243 — 373	297	0.5
1.1	6332	Calcite	Tmice(°C) -0.4 -0.4 -0.5 -0.5 -0.2 -0.2 -0.1 -0.1 -0.1 -0.1	10	-0.5 — -0.1	-0.3	0.5
	6335	quartz	Th(°C) 251 249 263 268 254 255 250 242 246 248	10	242 — 268 -0.3 — -0.1	253 -0.2	0.3
	0333		Tmice(°C)   -0.2 -0.1 -0.2 -0.1 -0.2 -0.2 -0.2 -0.2 -0.3 -0.1	10	7.7	266	1 0.0
	6338	quartz	Th(°C) 265 267 249 289 272 271 271 271 259 261	10	249 — 272 -0.3 — 0.0	-0.2	0.3
	0336		Tmice(°C) 0.0 -0.2 -0.2 -0.1 -0.2 -0.1 -0.2 -0.3 -0.3	10	· · · · · · · · · · · · · · · · · · ·	232	
Г	5489	sphalerite	Th(°C) 208 215 214 235 245 237 238 236 228 229 244 245 247	13		-1.3	2.2
izo			Tmice(°C) -1.3 -1.3 -1.2 -1.2 -1.3 -1.3 -1.3 -1.2 -1.2	10		255	<del></del>
	5490	sphalerite	Th(°C) 241 234 238 261 252 254 299 262 272 246 246			-1,9	3.2
	5490		Tmice(°C)   -0.9 -0.9 -0.9 -2.4 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3	10		243	· · ·
Panizo	5491	sphalerite	Th(°C) 252 251 251 249 249 230 216 238 251 244	10	216 — 252 -1.9 — -1.1	-1.3	2.2
1	3491		Traice(°C) -1.4 -1.2 -1.3 -1.3 -1.2 -1.1 -1.3 -1.2 -1.5 -1.2	10	260 - 270	264	<del> </del>
-	5497	sphalerite	Th(°C) 260 264 262 264 260 266 270 268 263 261	10	-2.21.6	-1.9	3.2
	5497	Sprialerite	Tmice(°C) -1.6 -2.0 -1.7 -1.7 -1.6 -2.0 -2.2 -2.0 -2.1 -1.9	10	-2.21.8	1.3	

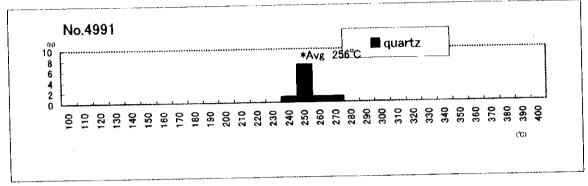
NaCl in Solusion (wt%) = 0+1.76958\*( $-\theta$ )-4.2384\*10^(-2)\*( $-\theta$ )^2+5.2778\*10^(-4)\*( $-\theta$ )^3

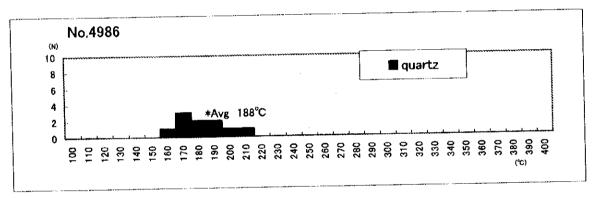
Appendix 5-2 Result of Fluid Inclusion Analysis

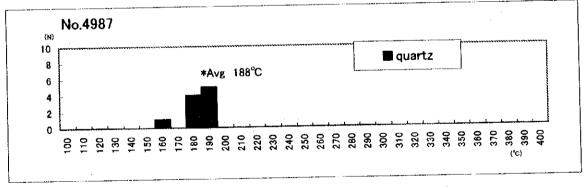


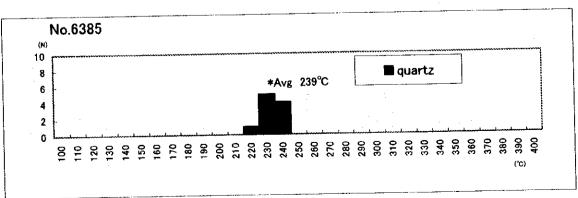
Appendix 5-3 Histogram of the Homogenization Temperature A=147



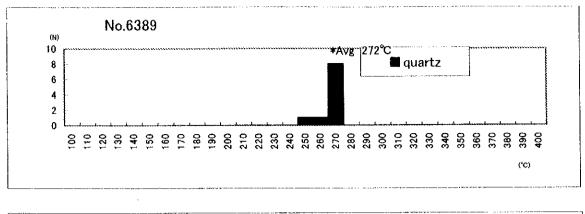


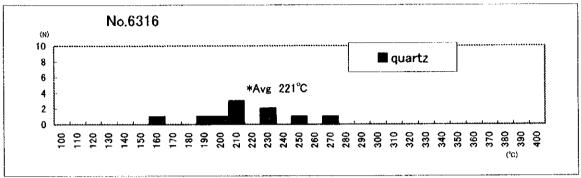


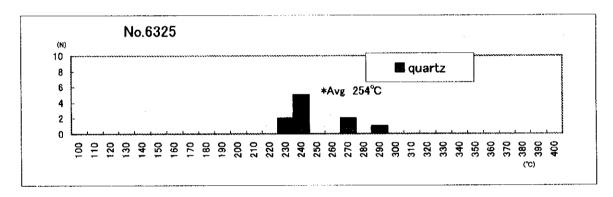


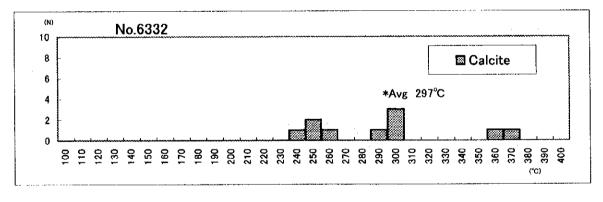


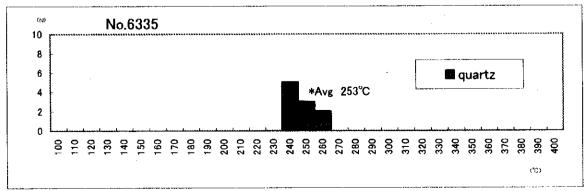
Appendix 5–3 Histogram of the Homogenization Temperature  $_{\rm A-148}$ 



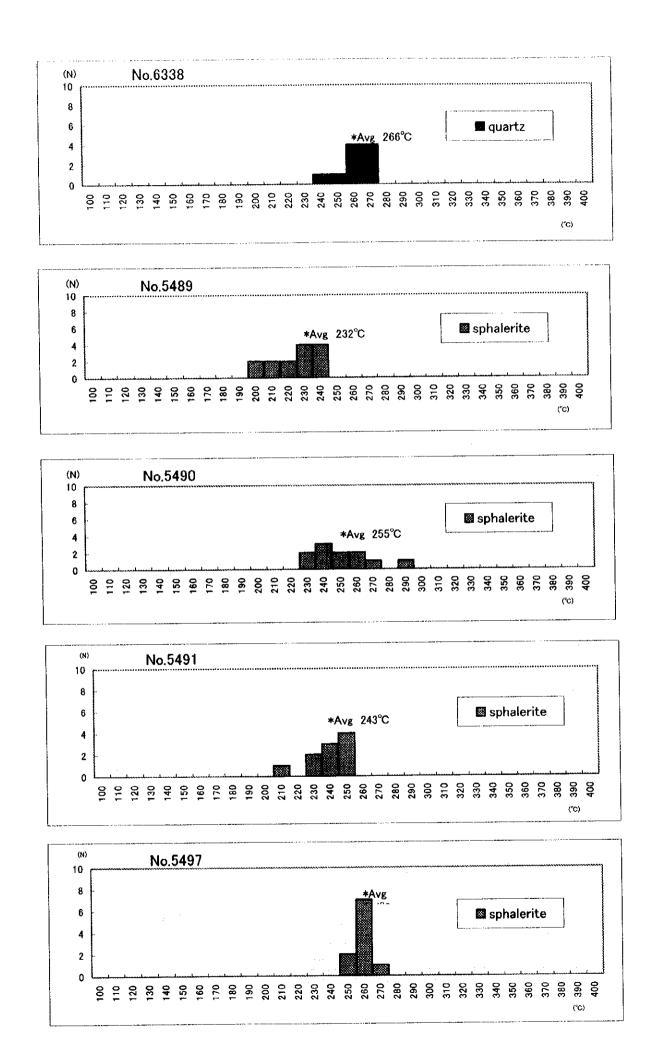








Appendix 5-3 Histogram of the Homogenization Temperature



Appendix 5-3 Histogram of the Homogenization Temperature