

## Appendix 2

### Microscopic Observations of Thin Sections



No.	Sample No.	District	Location	UTM (Zone 19)		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
				N	E											
1	6261	Asu Asuni		7,984,263	552,533											
2	6965	Asu Asuni		7,984,104	552,552	<2	<5	7	<3	<2	<5	<5	<1	16	316	<5
3	6972	Asu Asuni		7,984,066	552,464	<2	<5	2	6	2	6	<5	<1	3	686	<5
4	4977	Chulucani		7,976,987	520,258											
5	5548	Chulucani		7,977,310	520,749	<2	<5	12	56	14	24	8	<1	<1	2488	<5
6	5549	Chulucani		7,977,345	520,548	<2	<5	21	17	7	11	6	<1	1	1945	<5
7	5558	Chulucani		7,977,009	520,336	<2	<5	7	160	9	10	12	<1	<1	2156	<5
8	5954	Chulucani		7,975,615	518,000	<2	<5	13	20	3	13	8	<1	2	1514	<5
9	5976	Chulucani		7,975,833	519,133	<2	<5	5	30	3	8	11	<1	7	1342	<5
10	5993	Chulucani		7,978,065	520,409	<2	<5	18	7	48	24	<5	<1	2	1080	<5
11	6129	Chulucani		7,977,260	519,087	<2	1.6	5	191	8	11	13	<1	3	1428	<5
12	6244	Chulucani		7,975,685	518,179											
13	6246	Chulucani		7,978,268	521,920											
14	6256	Chulucani		7,975,490	519,313											
15	6257	Chulucani		7,975,830	519,158											
16	6903	Chulucani		7,978,228	519,138	<2	<5	8	17	27	16	9	<1	<1	1407	<5
17	4997	Sonia Susana		7,919,425	515,684											
18	4998	Sonia Susana		7,917,938	517,507											
19	5538	Sonia Susana		7,920,144	512,680	<2	<5	3	21	13	11	7	<1	<1	911	<5
20	5913	Sonia Susana		7,917,176	517,492	11	2.1	133	73	130	119	8	<1	36	926	8
21	5917	Sonia Susana		7,917,208	516,802	5	<5	31	85	574	12	<5	<1	13	1756	<5
22	5929	Sonia Susana		7,917,633	514,636	<2	<5	5	14	17	12	<5	<1	<1	2166	<5
23	5936	Sonia Susana		7,917,435	514,291	<2	<5	10	6	35	7	<5	<1	<1	266	<5
24	5939	Sonia Susana		7,914,714	517,394	<2	<5	4	110	108	10	<5	<1	2	1146	<5
25	5944	Sonia Susana		7,915,639	517,468	4	0.9	34	23	69	14	<5	<1	5	769	<5
26	6057	Sonia Susana		7,916,895	518,597	30	6.2	184	408	512	112	7	<1	6	1737	<5
27	6085	Sonia Susana		7,919,027	519,487	9	1.6	296	199	3215	11	<5	<1	4	388	<5
28	6238	Sonia Susana		7,918,414	516,805											
29	6240	Sonia Susana		7,917,455	516,944											
30	6242	Sonia Susana		7,914,615	517,573											
31	6248	Blanca Nieves	Blanca Nieves	8,009,893	504,813											
32	6249	Blanca Nieves	Blanca Nieves	8,008,870	505,530											
33	6250	Blanca Nieves	Blanca Nieves	8,010,420	505,514											
34	6251	Blanca Nieves	Blanca Nieves	8,008,287	505,801											
35	6254	Blanca Nieves	Blanca Nieves	8,007,976	502,397											
36	6255	Blanca Nieves	Blanca Nieves	8,007,543	502,456											
37	6259	Blanca Nieves	Titicayo	8,018,640	519,965											
38	6260	Blanca Nieves	Titicayo	8,016,541	522,467											
39	4993	Carangas	San Francisco	7,913,560	537,269											
40	4995	Culebra	Co. Culebra	7,891,022	530,982											
41	4996	Culebra	Co. Culebra	7,891,070	530,966											
42	4990	Mendoza	San Lorenzo	7,828,210	635,727											
43	4985	Mendoza	Mina La Deseada	7,824,315	634,506											
44	6346	Mendoza	Mina Guadalupe	7,822,418	635,692	3	3.4	331	20	120	129	<5	<1	1	1533	<5
45	6373	Mendoza	Mina Guadalupe	7,822,233	636,672	<2	<5	4	32	60	8	<5	<1	2	1080	<5
46	4981	Panizo	Vilasaca	7,803,490	562,083											
47	4982	Panizo	Vilasaca	7,802,633	560,744											
48	4983	Panizo	Tulco	7,798,449	566,330											
49	4984	Panizo	Tulco	7,797,294	566,262											
50	5712	Panizo	Tulco	7,799,495	566,368	<2	<5	9	74	11	89	<5	<1	3	793	9
51	4955	Panizo	Panizo	7,778,996	552,162											
52	4957	Panizo	Panizo	7,781,491	553,635											
53	4958	Panizo	Panizo	7,781,319	553,804											
54	4959	Panizo	Panizo	7,784,294	550,135											
55	4960	Panizo	Panizo	7,784,991	549,716											
56	5487	Panizo	Panizo	7,763,488	552,982	<2	<5	17	38	<2	27	9	<1	4	842	<5
57	3912	Saizica	Mina Plasumar	7,712,981	638,121	2	<5	16	17	16	16	<5	<1	<1	574	<5
58	4924	Saizica	Mina Plasumar	7,714,886	638,707											
59	4961	Saizica	Mina Plasumar	7,715,362	637,453											
60	6706	Saizica	Mina Plasumar	7,715,606	639,364	<2	<5	56	26	442	10	15	<1	2	1183	<5
61	2031	Saizica	Mina Solucion	7,712,846	631,623	<2	<5	52	18	154	<5	10	<1	1	819	<5
62	2038	Saizica	Mina Solucion	7,713,290	631,047											
63	4927	Colorado	Bayos	7,706,987	559,702											
64	2011	Luxsar		7,678,443	595,459											
65	2185	Luxsar		7,679,500	596,731											
66	2188	Luxsar		7,679,873	596,602											
67	2825	Luxsar		7,670,336	596,669	<2	<5	6	14	17	44	<5	<1	3	1385	<5
68	2167	Cachi Unu		7,671,624	615,673											
69	2170	Sedilla	Co. Chascos	7,660,436	626,826											
70	2171	Sedilla	Co. Chascos	7,660,974	626,767											
71	3256	Sedilla	Co. Chascos	7,657,235	625,725											
72	4919	Sedilla	Co. Chascos	7,659,862	625,971											
73	4922	Sedilla	Co. Chascos	7,659,922	627,680											
74	2137	Sedilla	Co. Sedilla	7,647,485	620,890	<2	<5	9	11	18	9	<5	<1	3	878	<5
75	2139	Sedilla	Co. Sedilla	7,647,350	620,725	<2	<5	13	12	28	13	<5	<1	4	838	<5
76	2145	Sedilla	Co. Sedilla	7,647,305	619,855	<2	<5	8	396	35	92	5	<1	4	770	40
77	2807	Sedilla	Co. Sedilla	7,647,449	621,228	<2	<5	11	17	16	48	<5	<1	6	839	<5
78	2881	Sedilla	Eskapa	7,648,107	634,403	<2	70.4	20	641	11	32	360	<1	9	1311	<5
79	3258	Sedilla	Eskapa	7,648,941	634,375	<2	<5	9	29	32	65	<5	<1	2	1154	<5
80	4906	Sedilla	Eskapa	7,650,293	634,016											

Appendix 2-1 Sample List of Laboratory Works (Thin Section)



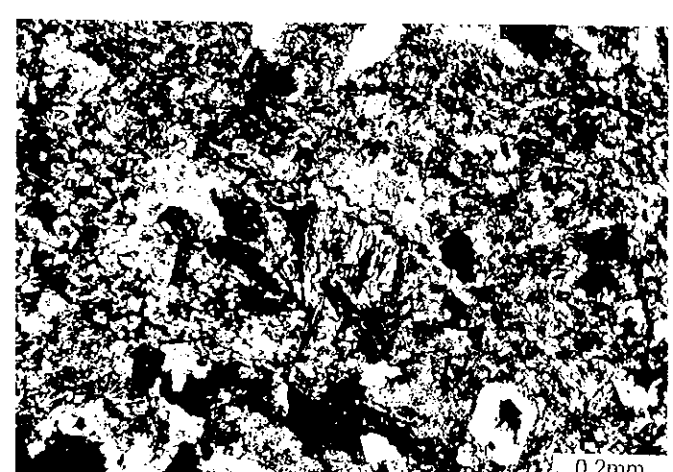
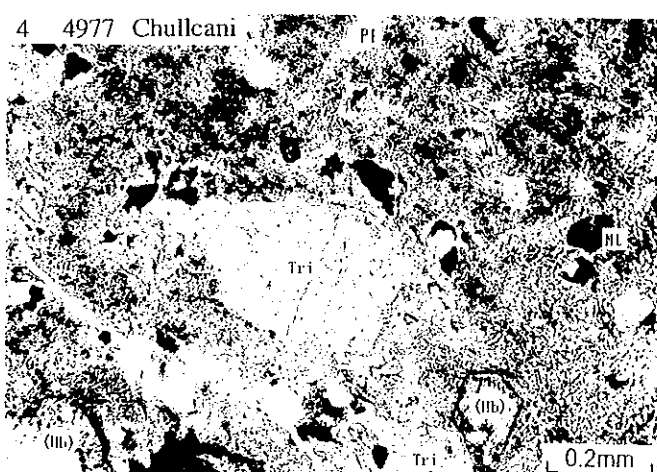
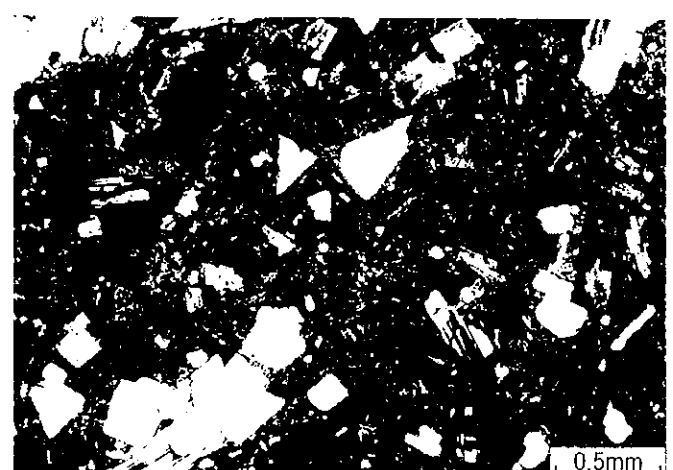
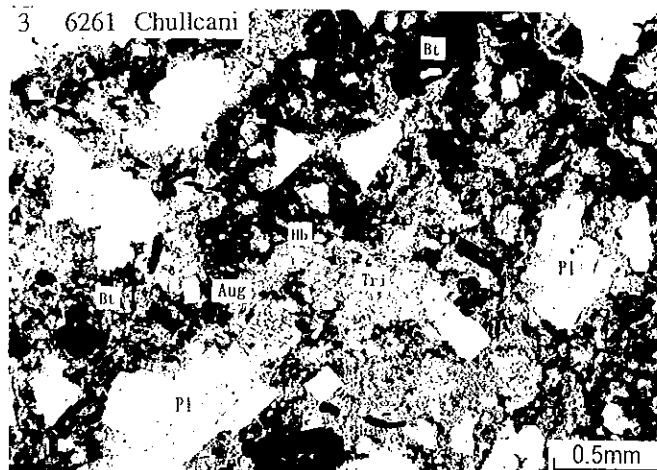
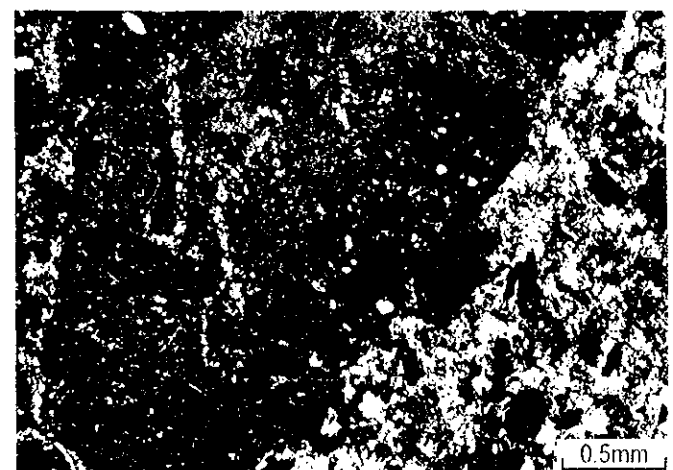
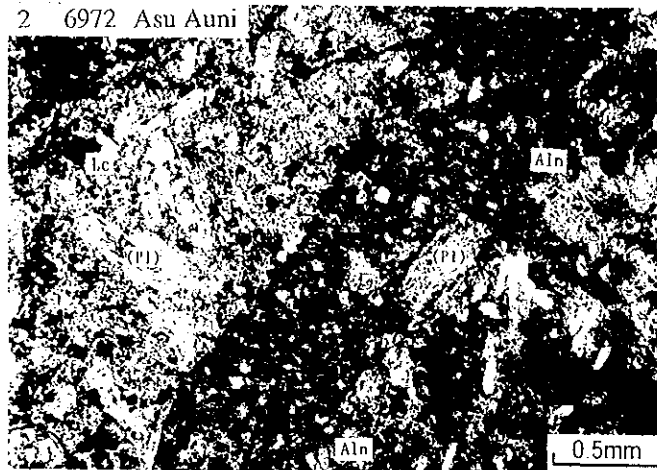
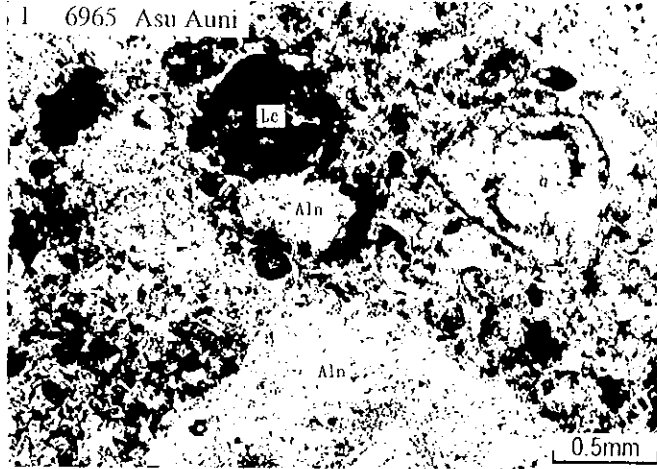




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light



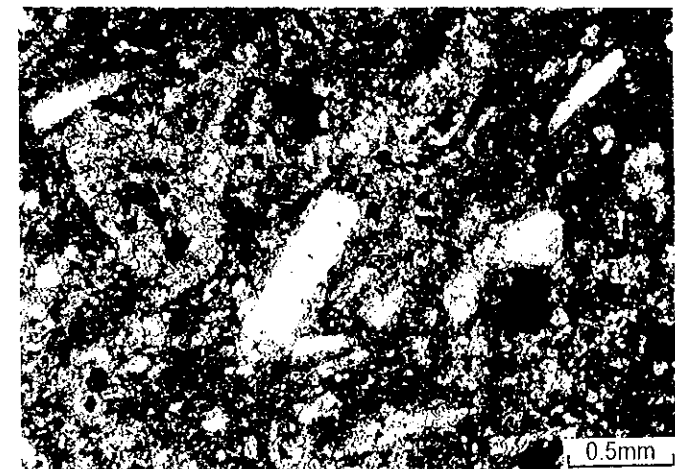
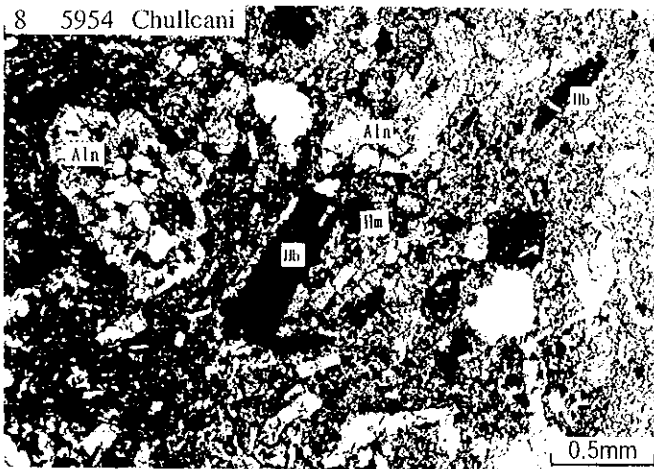
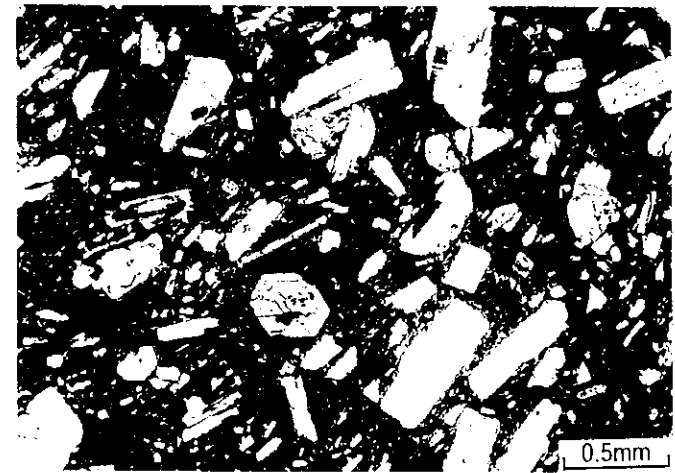
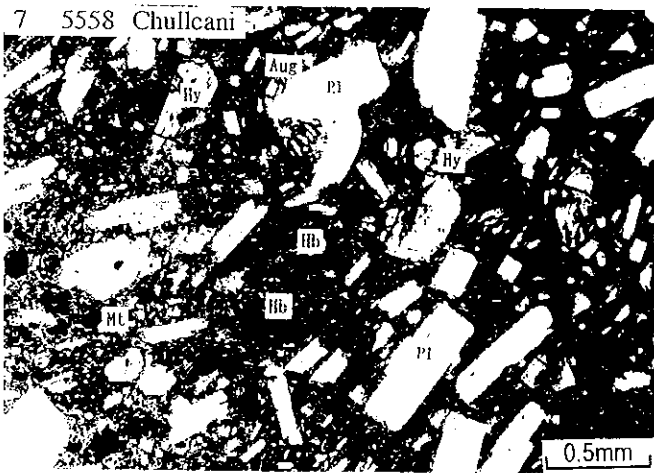
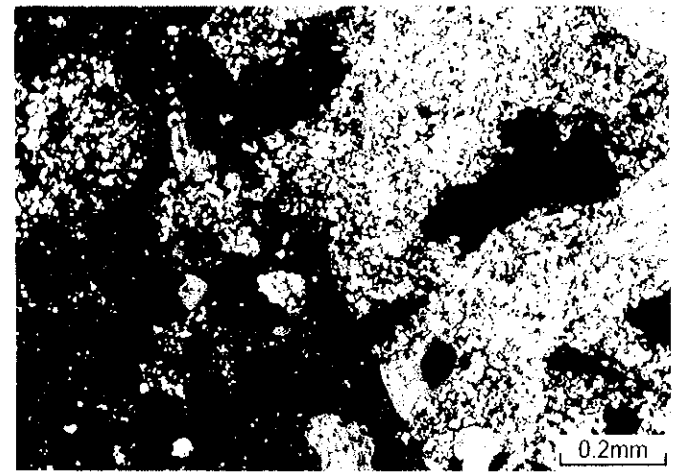
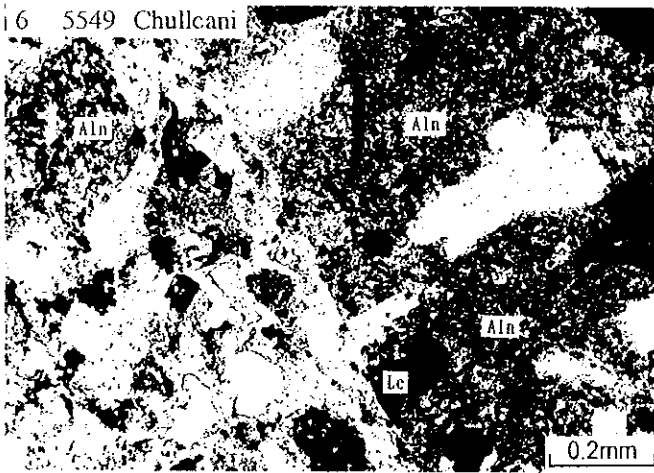
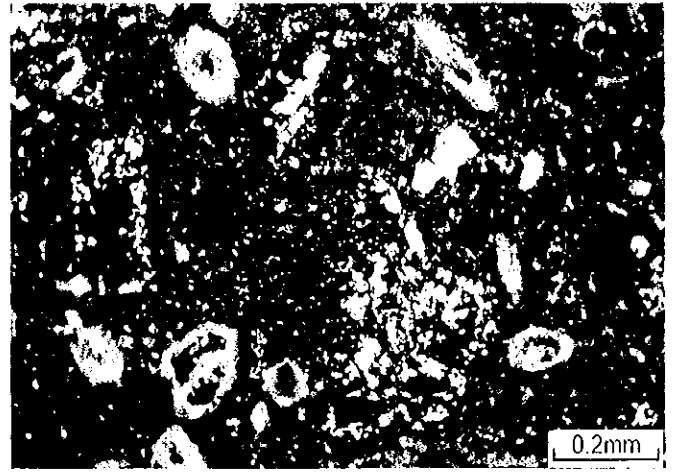




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

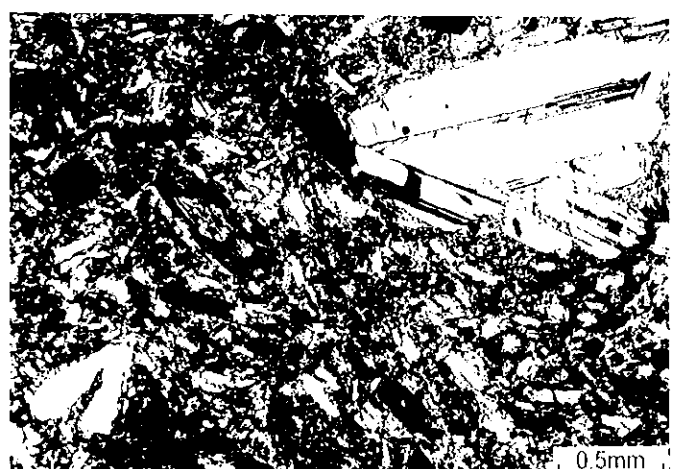
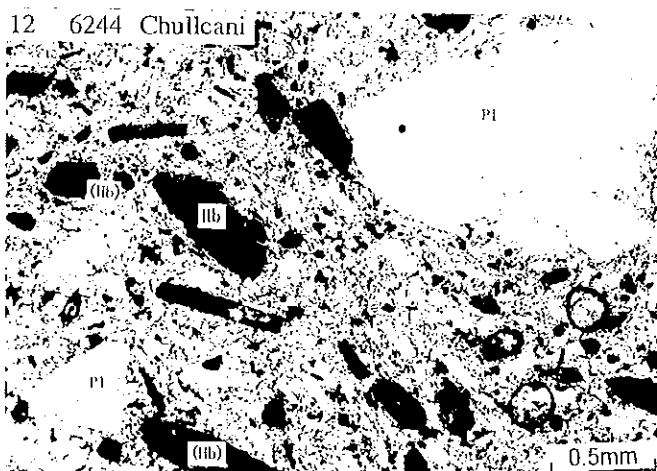
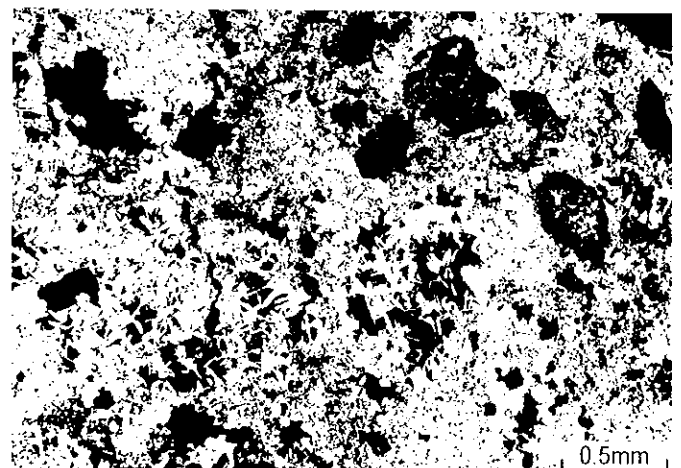
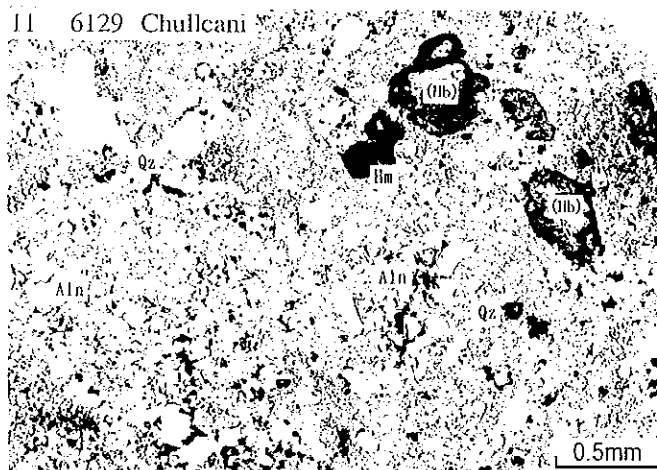
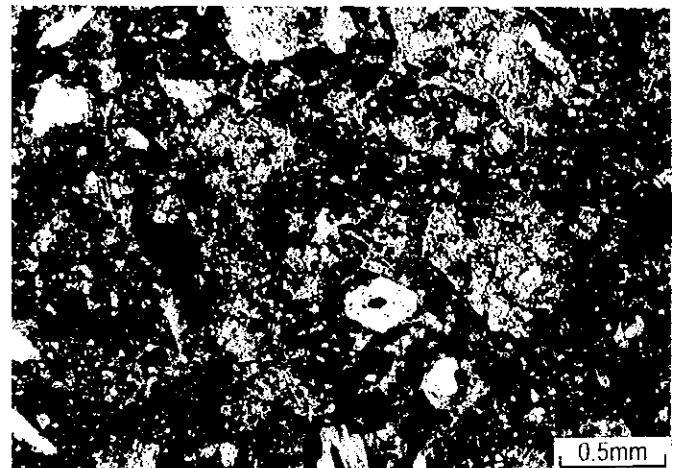
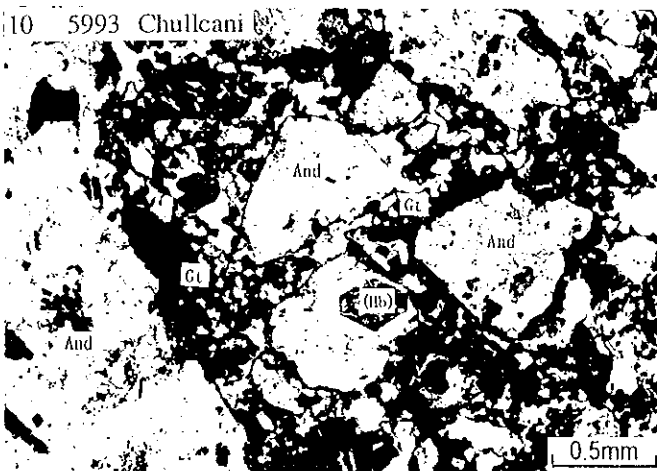
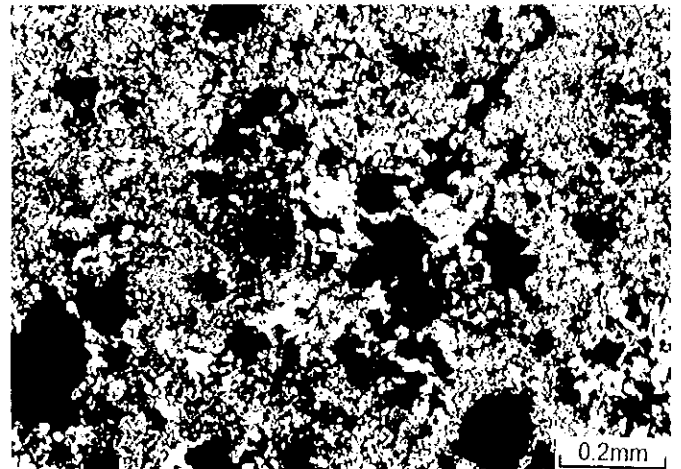
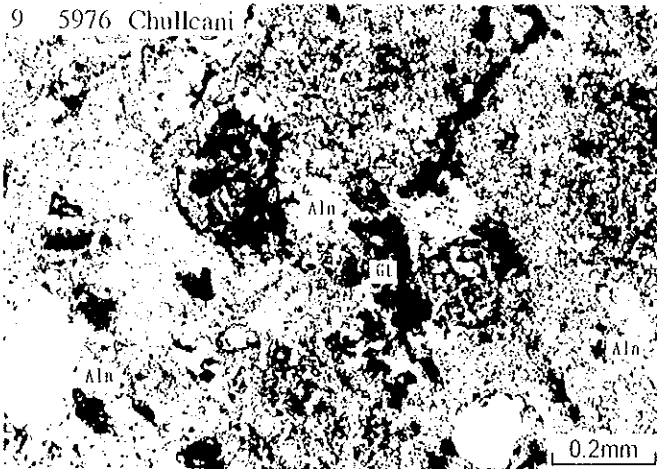




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

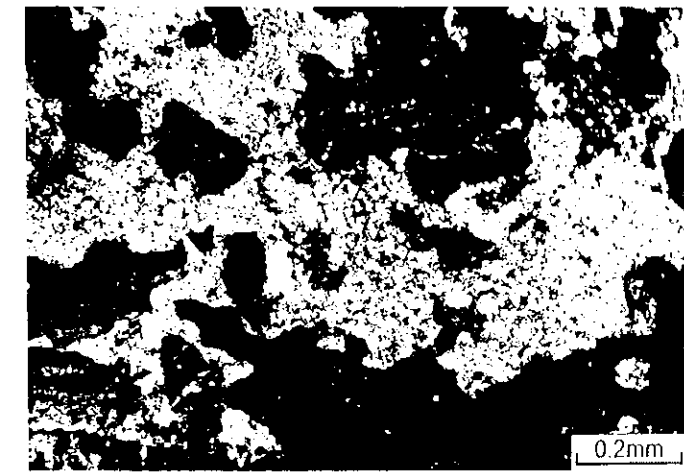
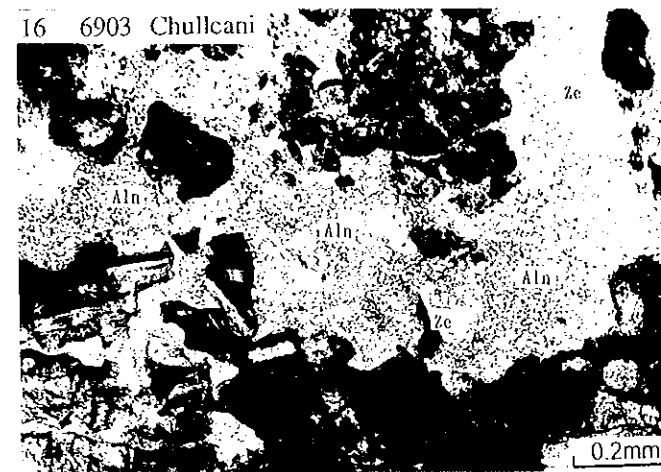
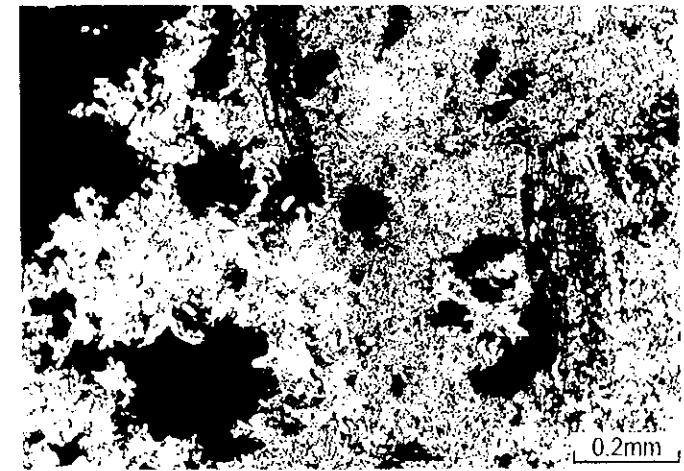
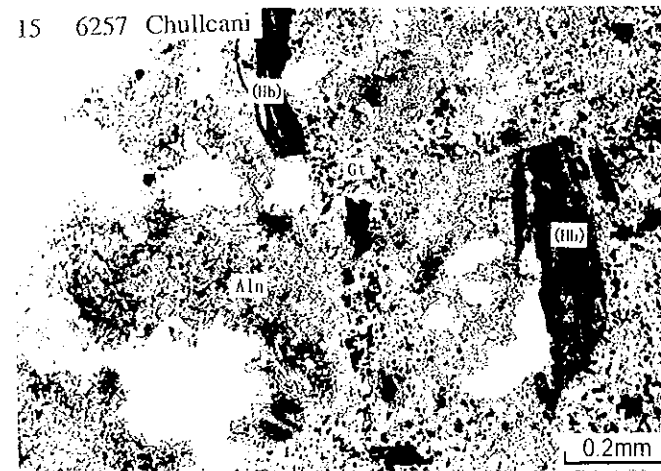
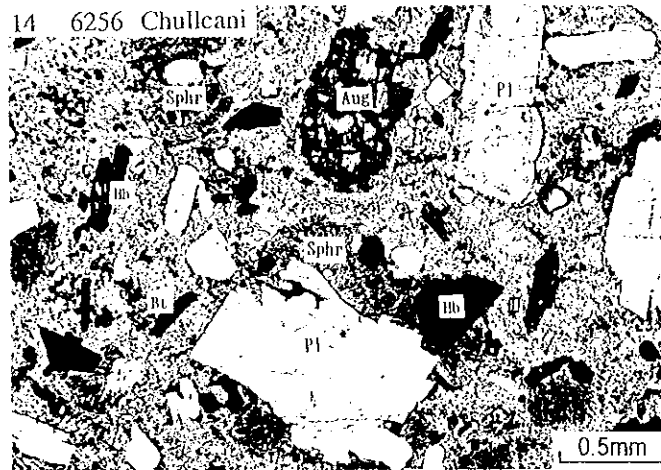
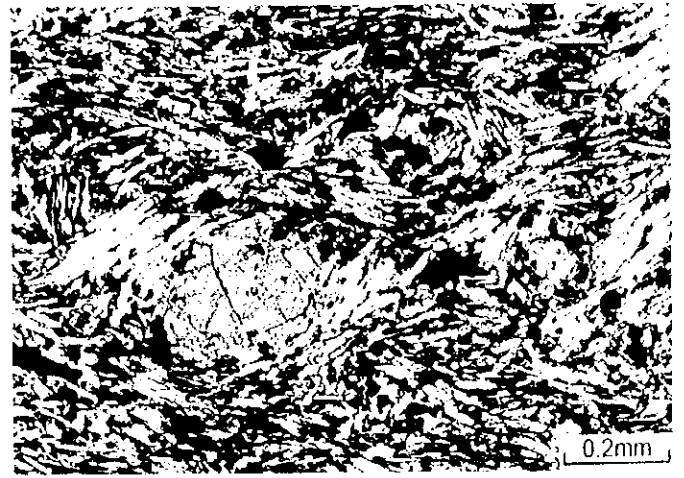
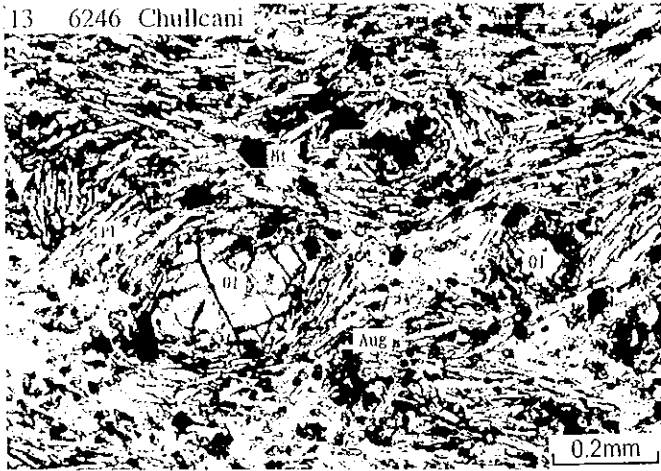




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

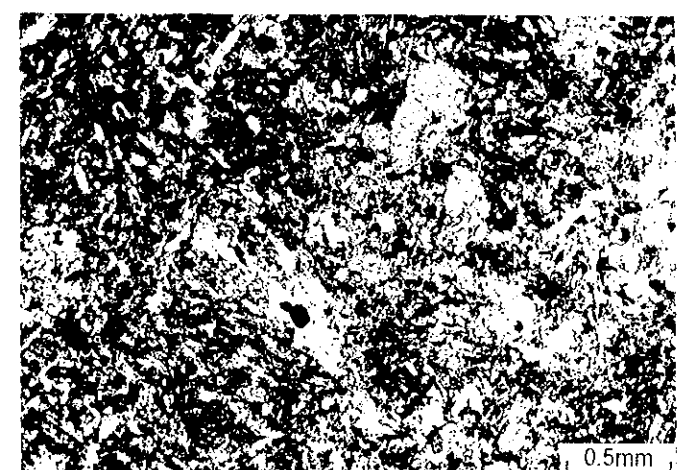
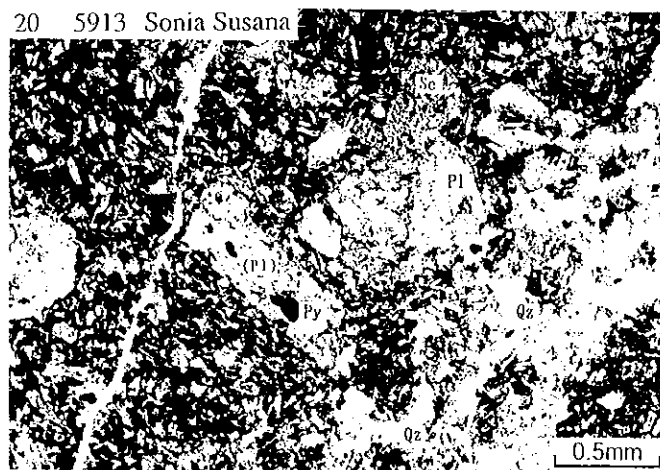
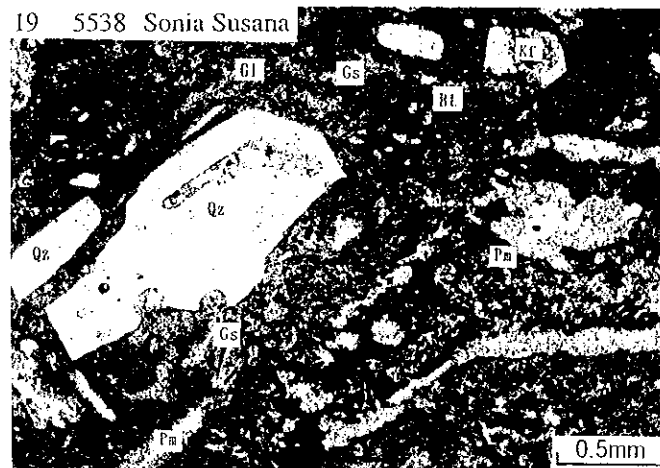
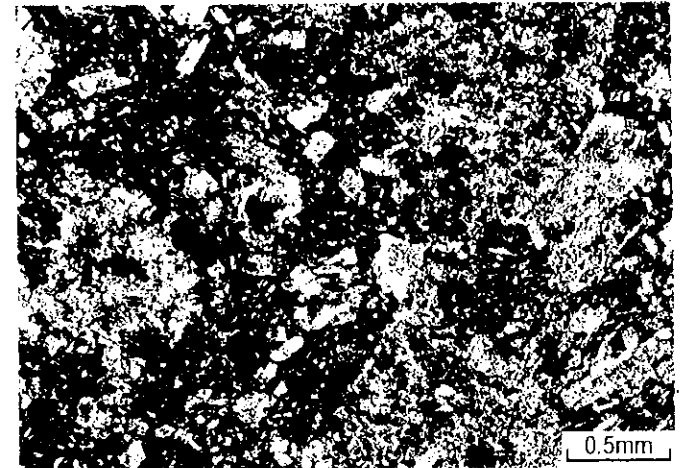
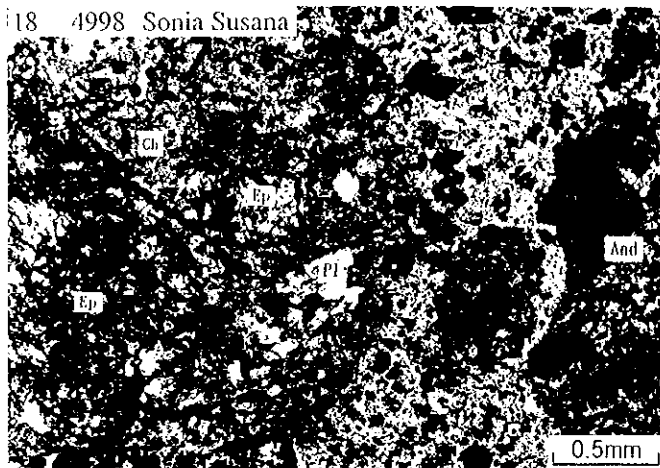
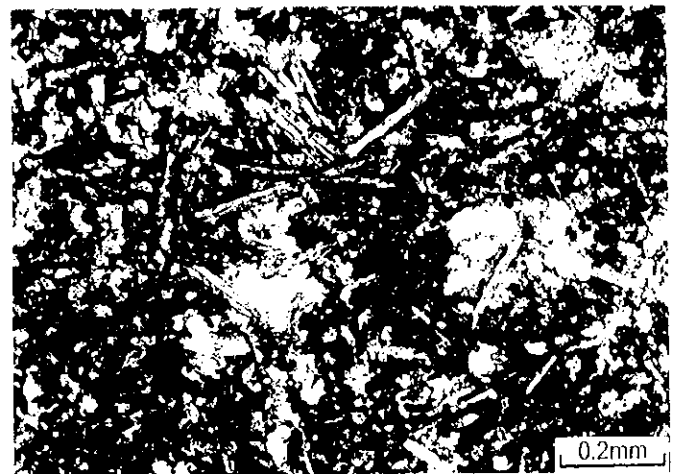
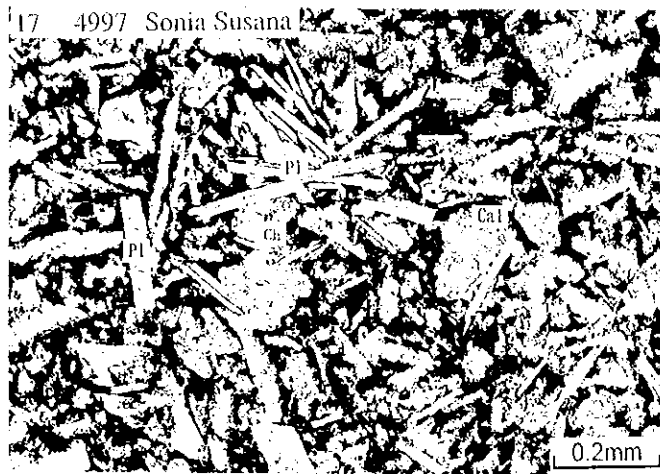




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light





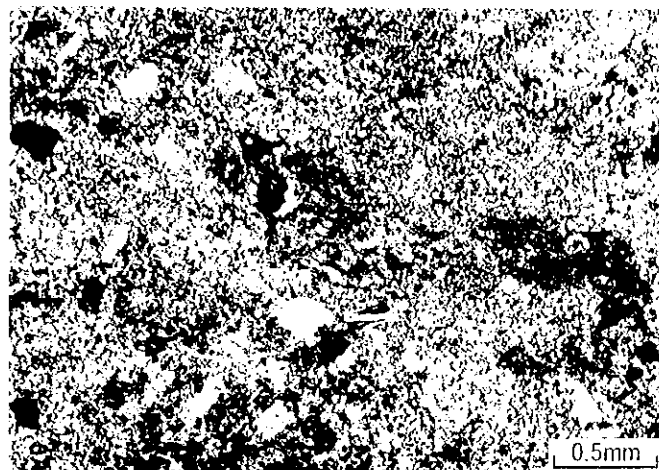
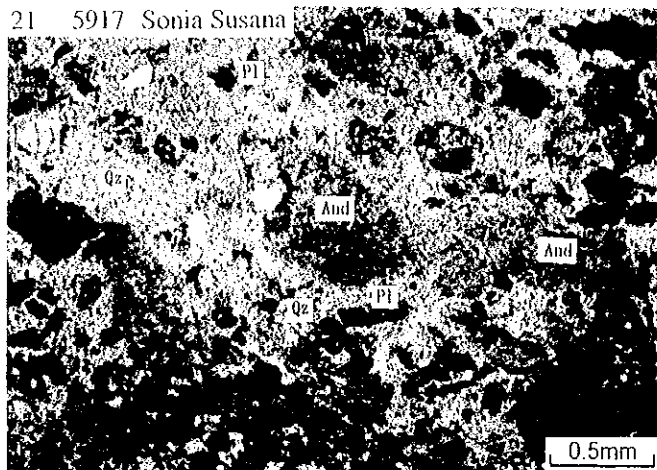


# Photomicrographs of Thin Sections

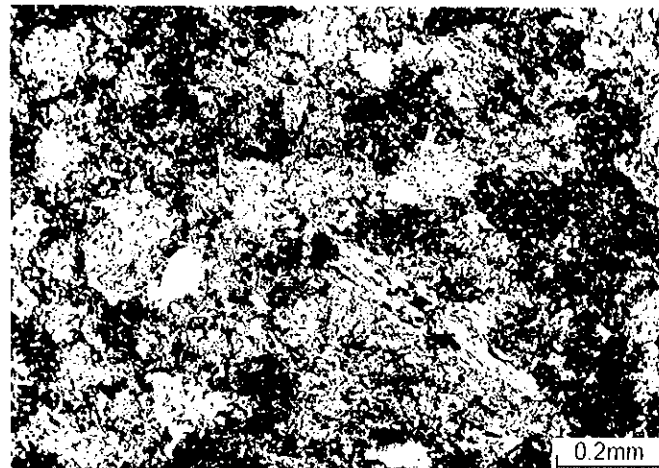
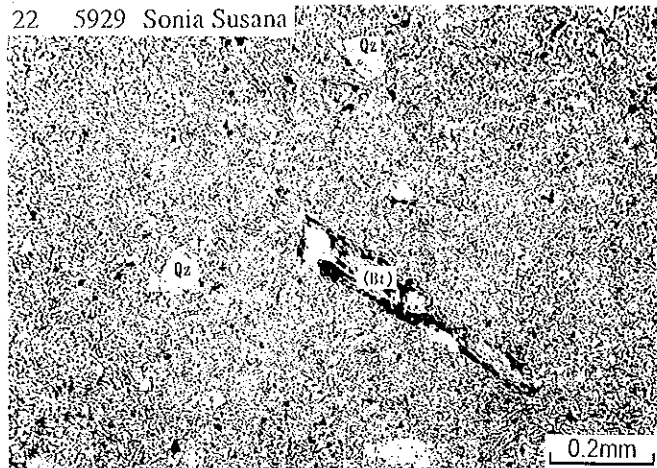
Plane polarized light

Crossed polarized light

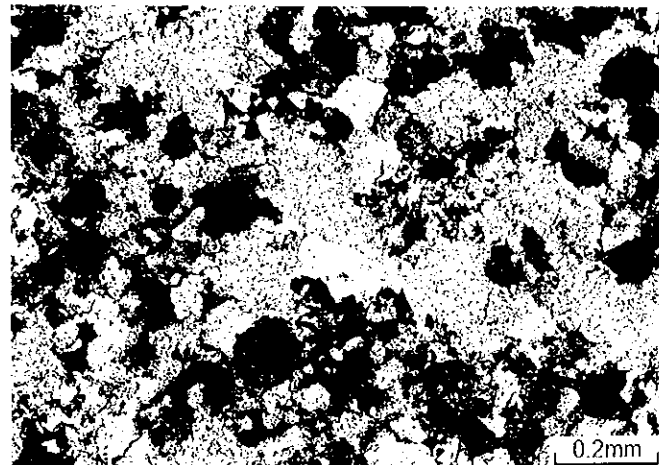
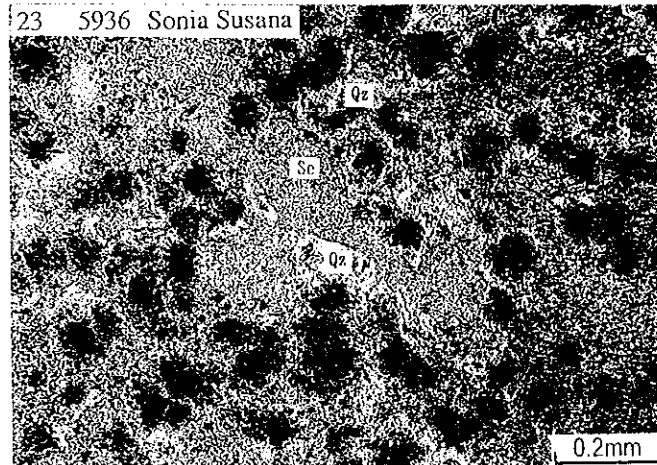
21 5917 Sonia Susana



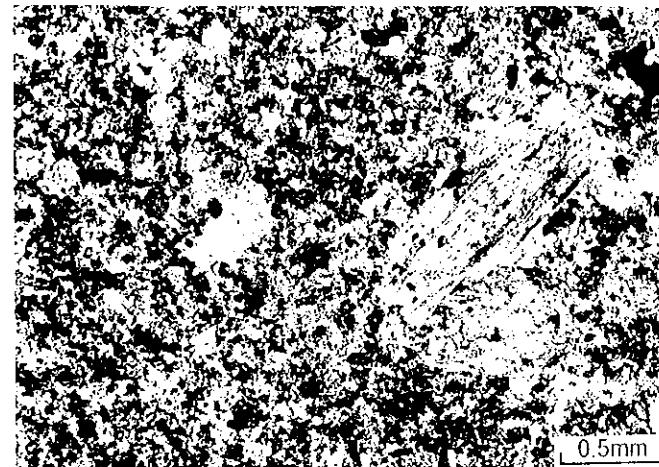
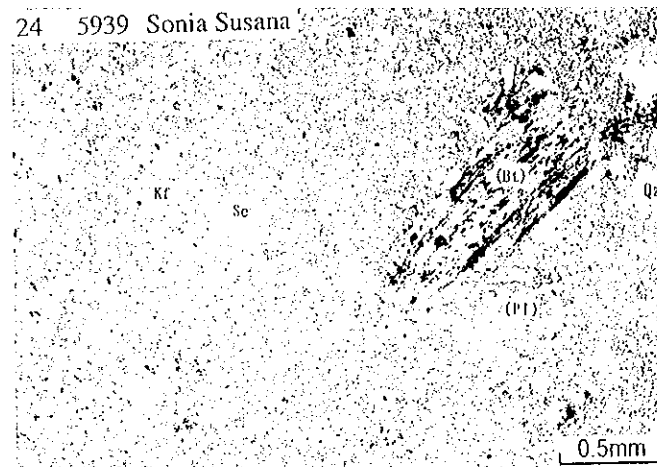
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23 5936 Sonia Susana



24 5939 Sonia Susana



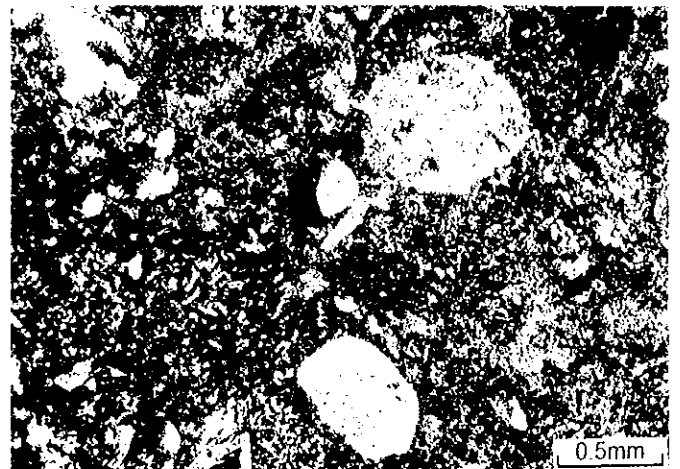
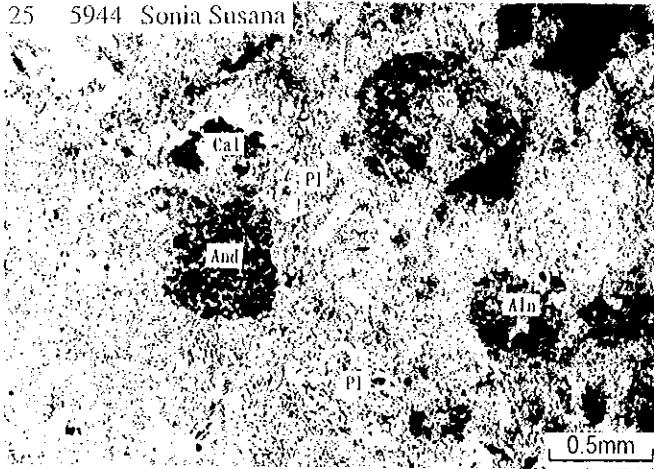


# Photomicrographs of Thin Sections

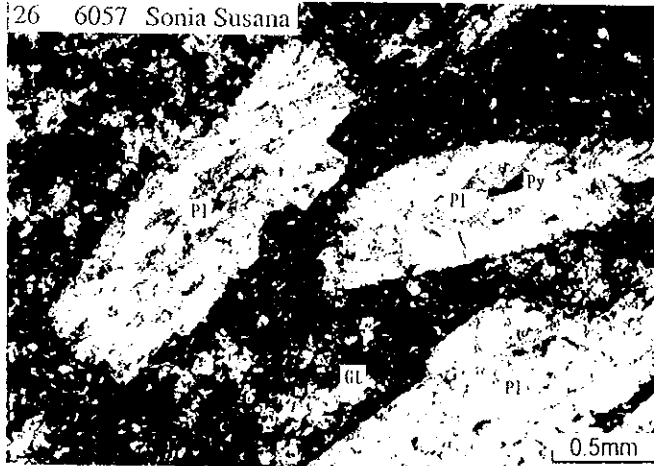
Plane polarized light

Crossed polarized light

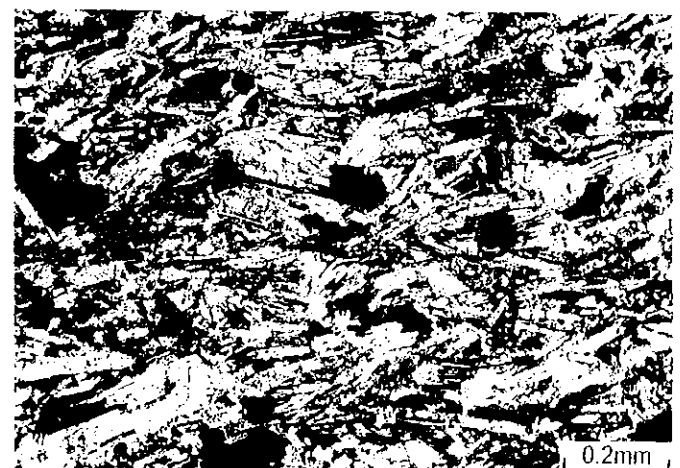
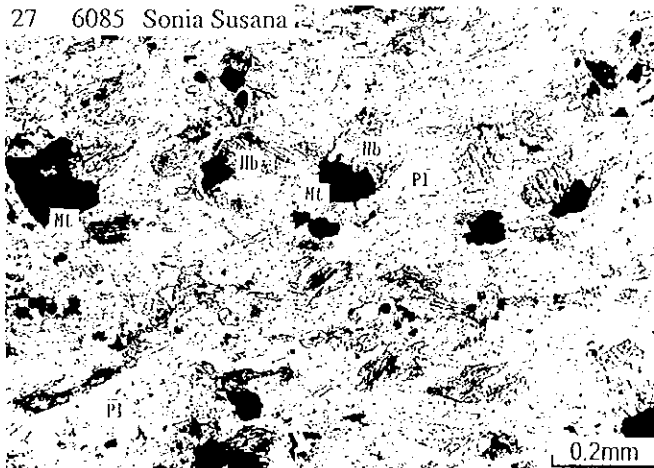
25 5944 Sonia Susana



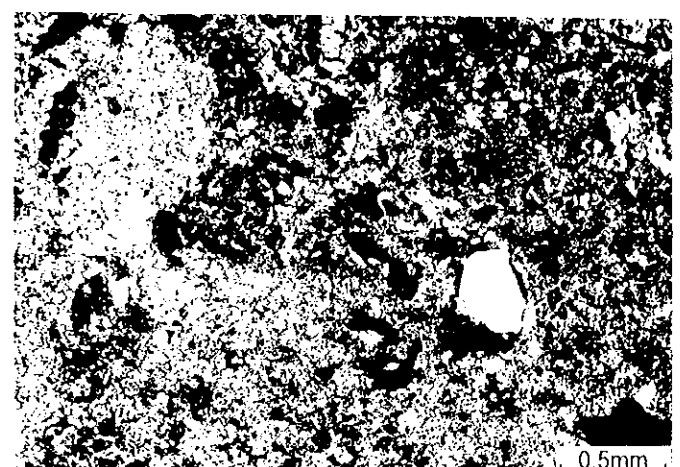
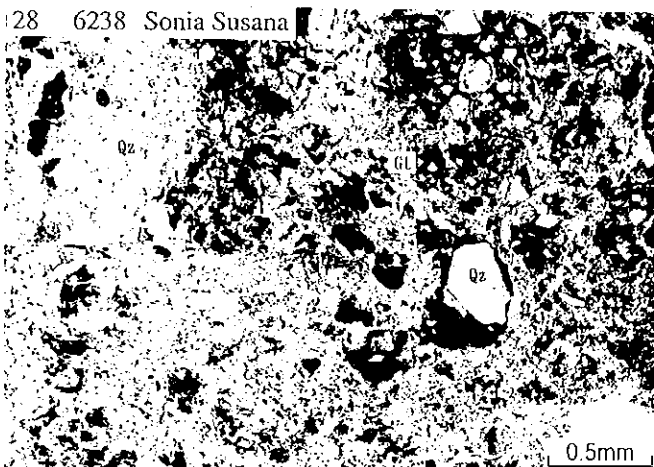
26 6057 Sonia Susana



27 6085 Sonia Susana



28 6238 Sonia Susana

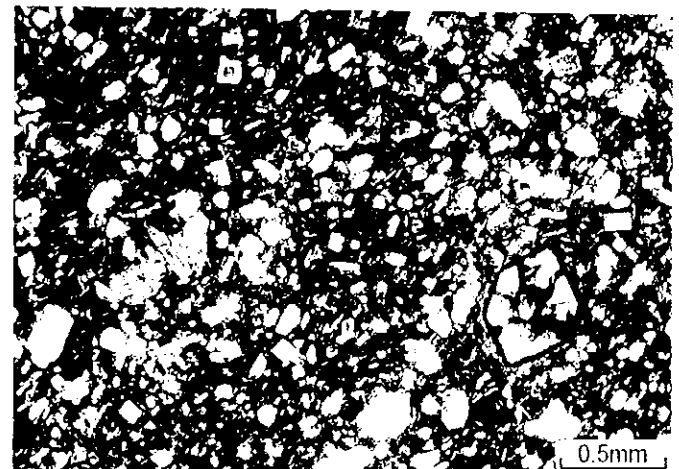
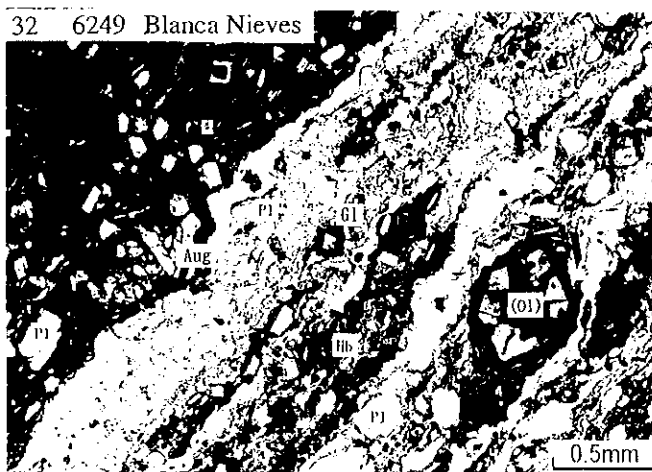
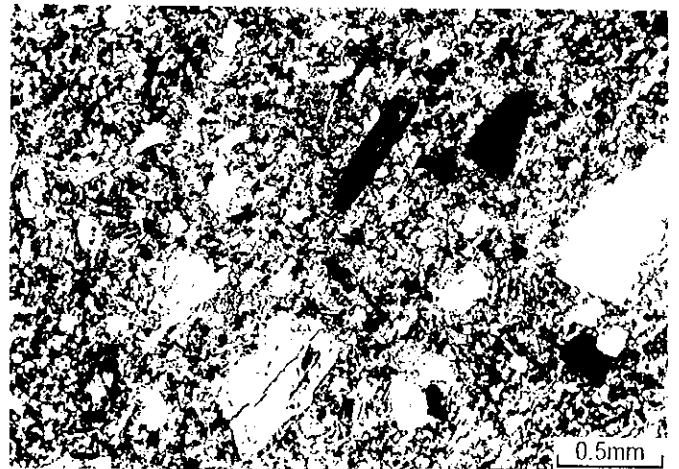
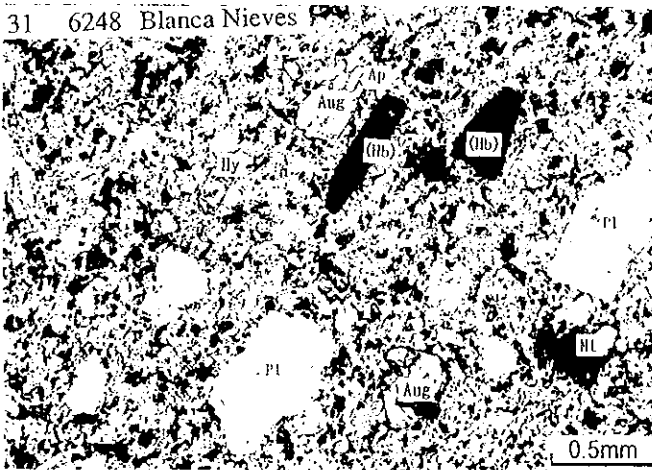
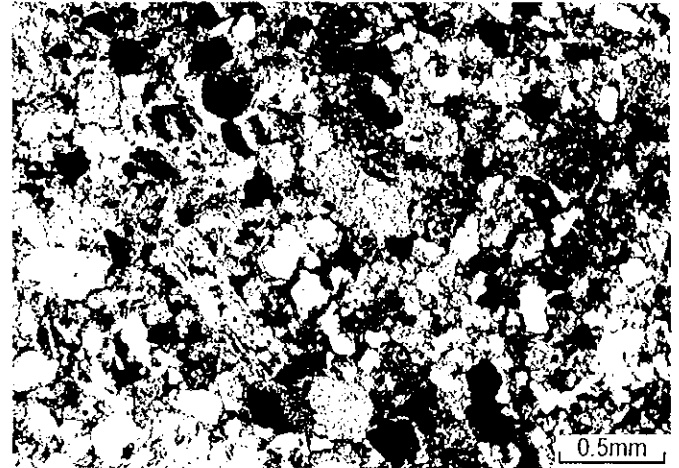
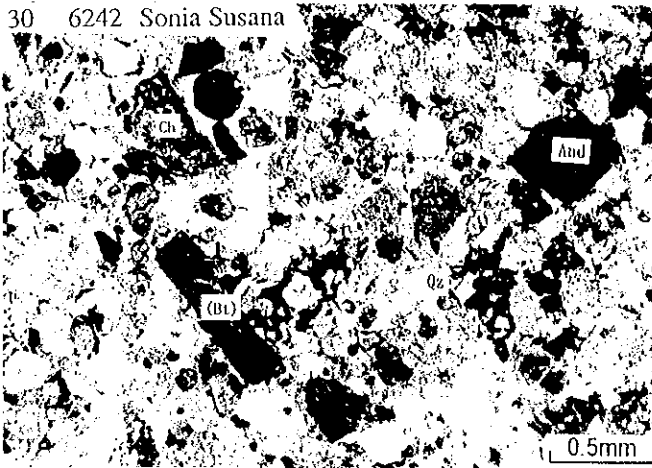
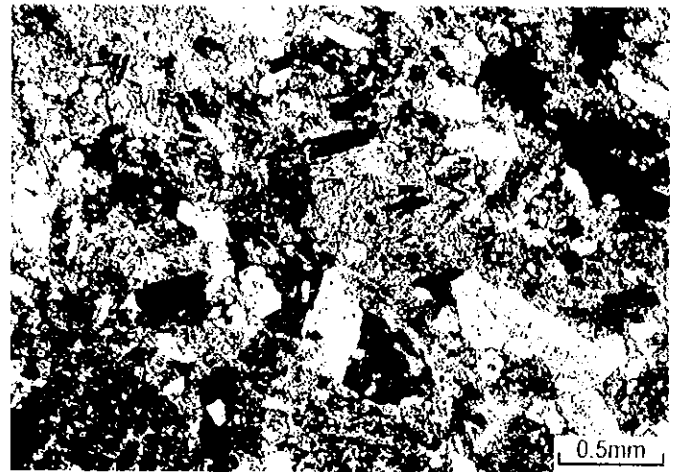
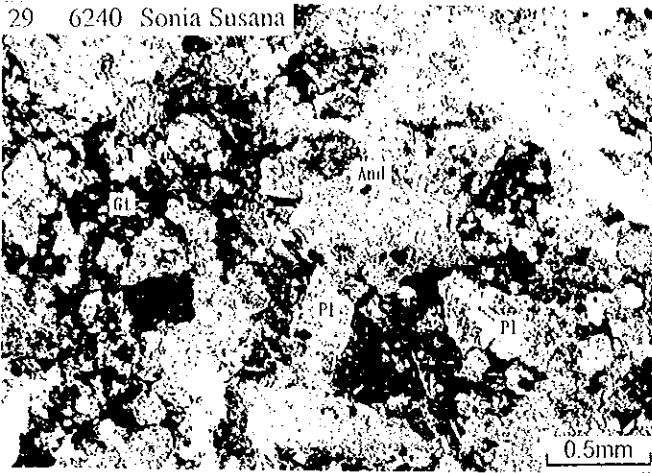




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

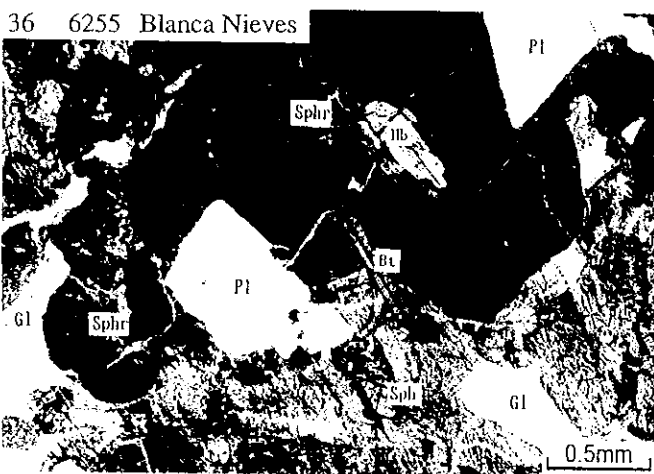
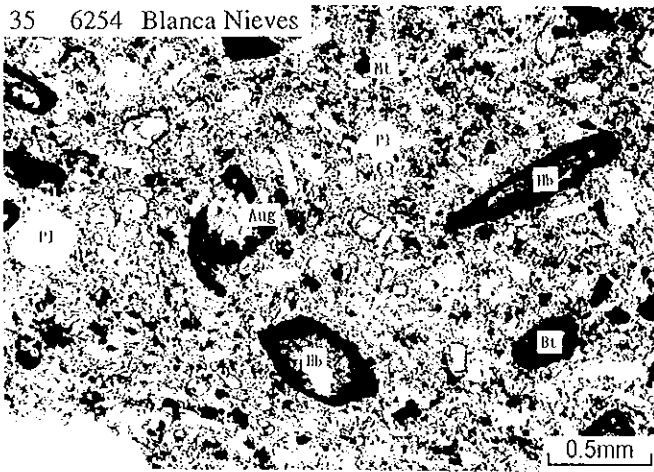
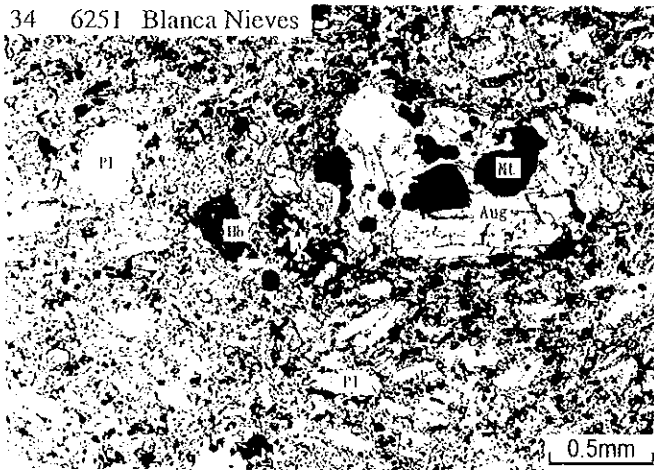
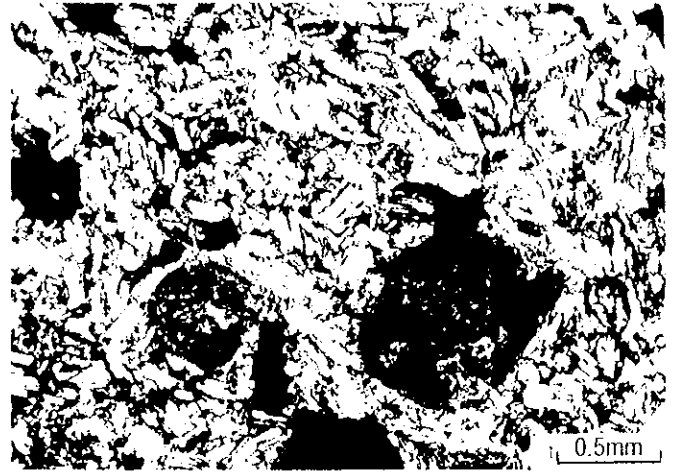
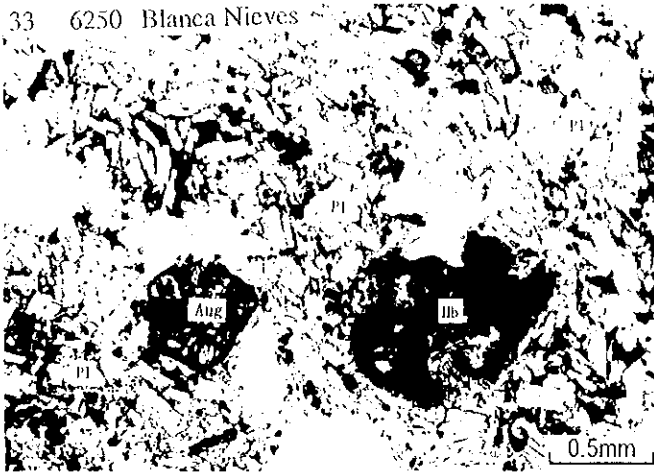




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light



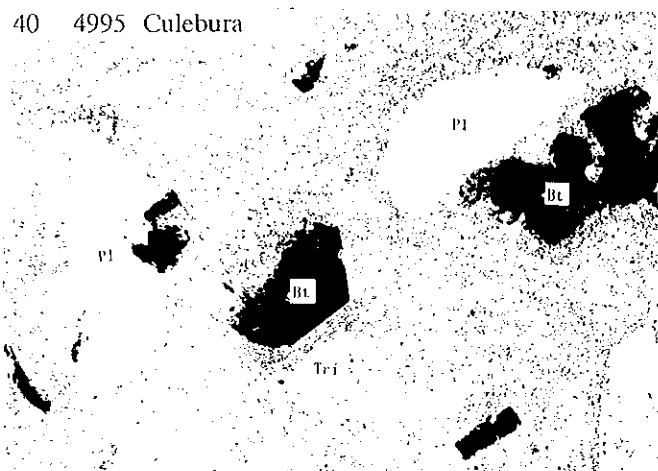
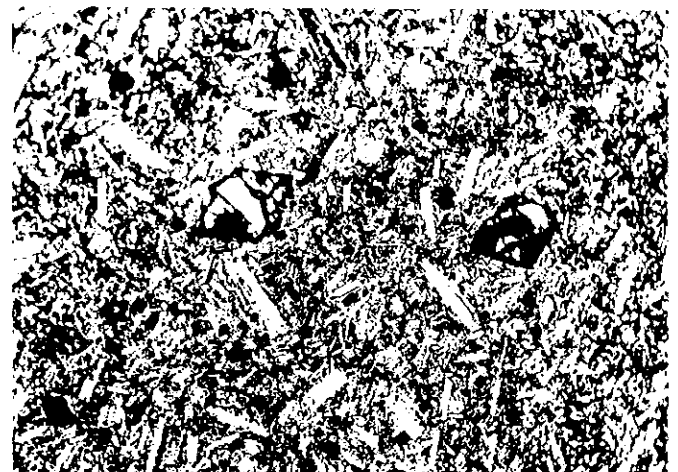
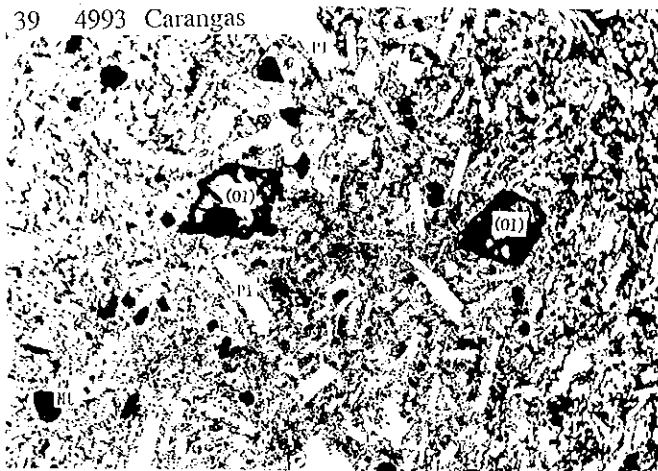
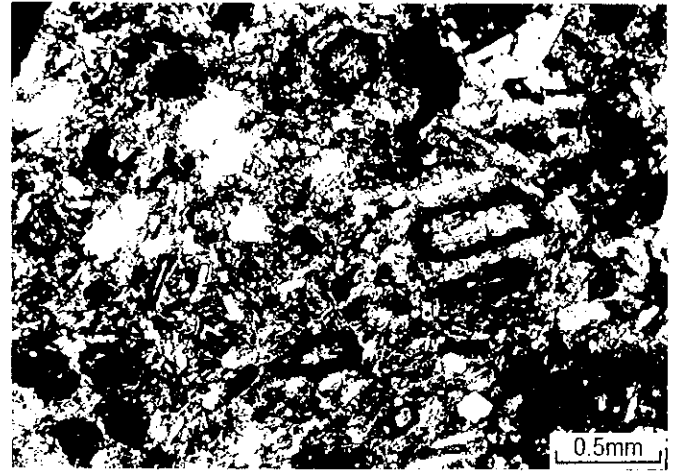
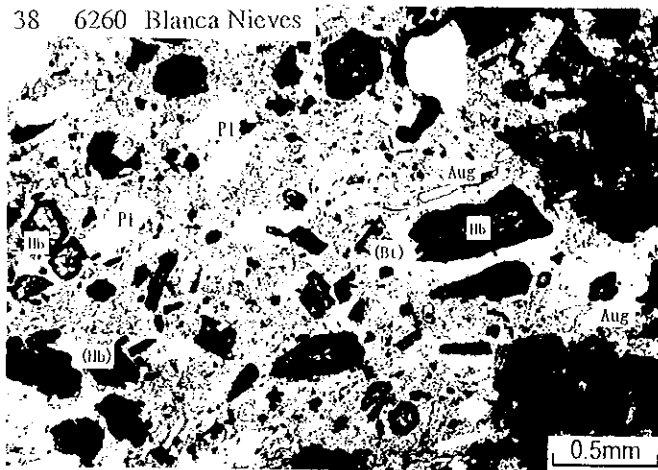
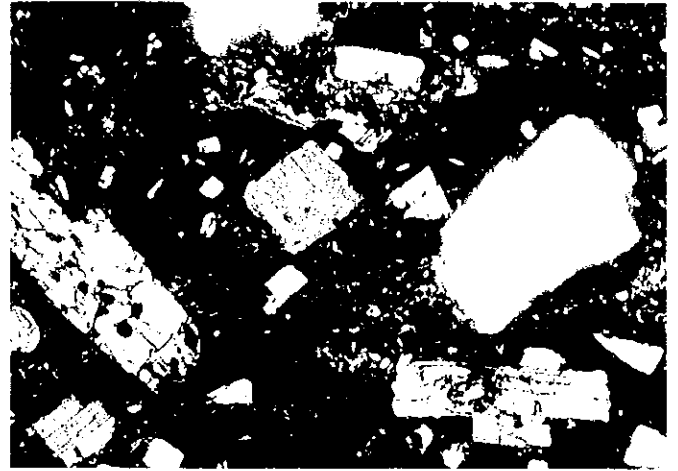
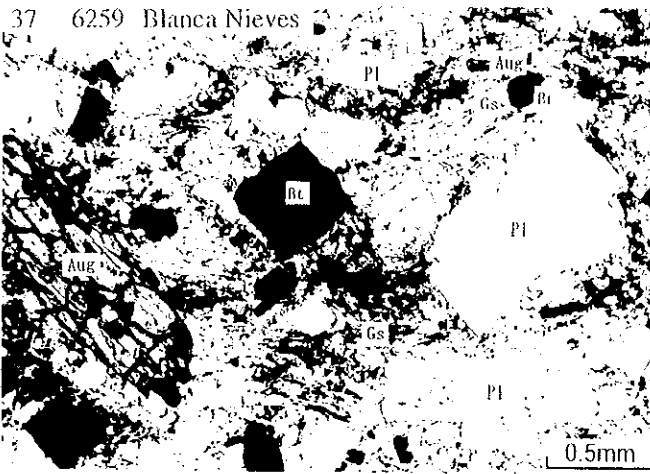




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

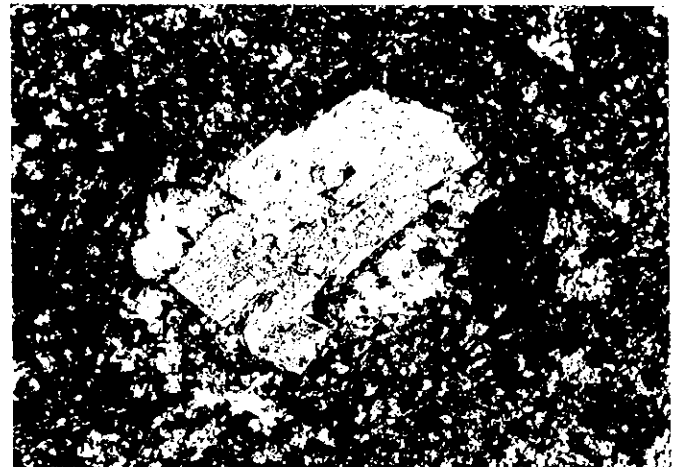
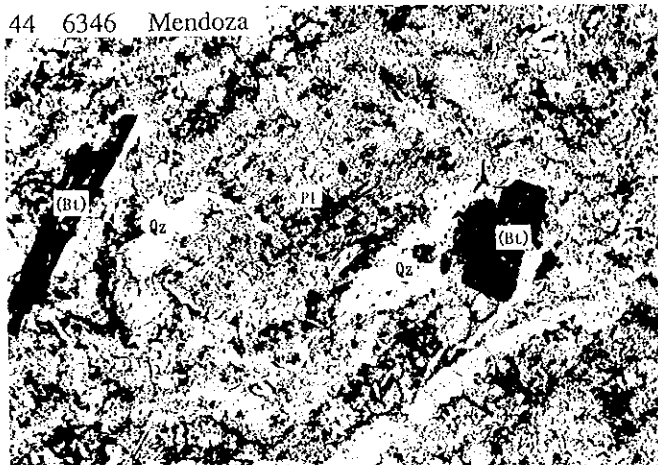
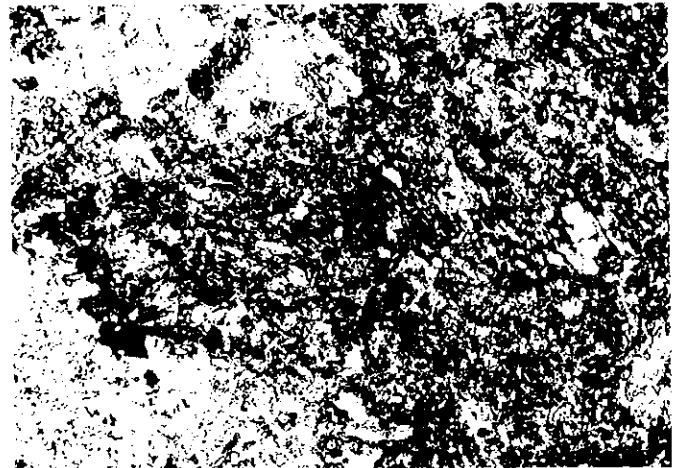
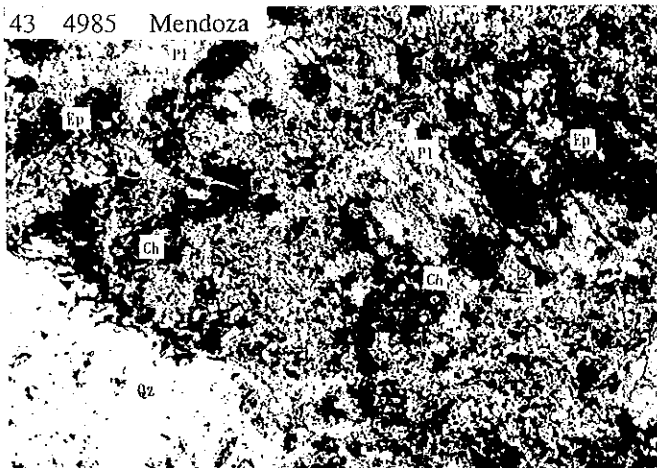
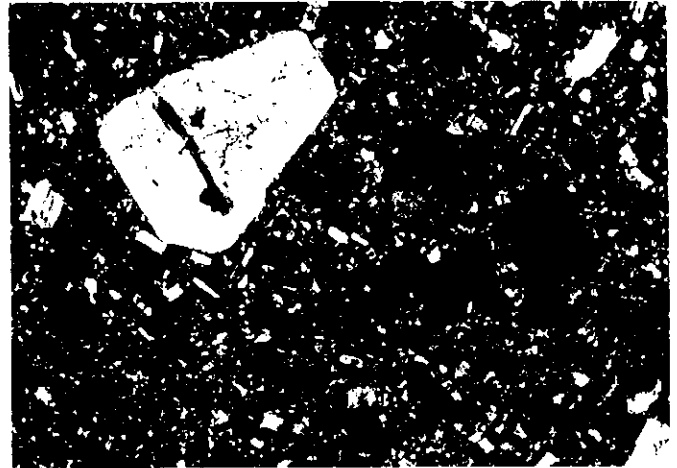
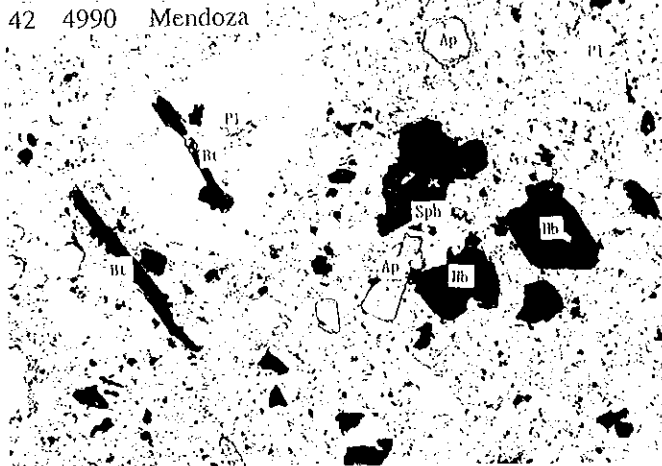
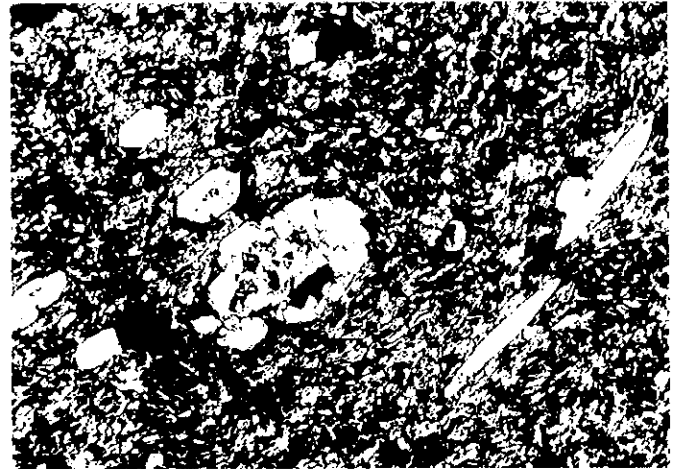
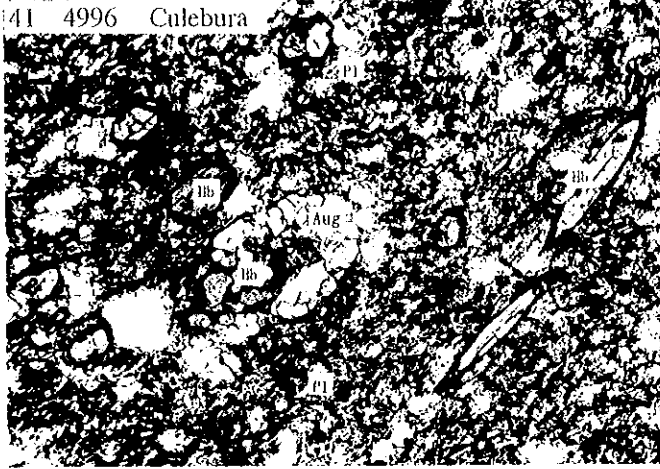




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

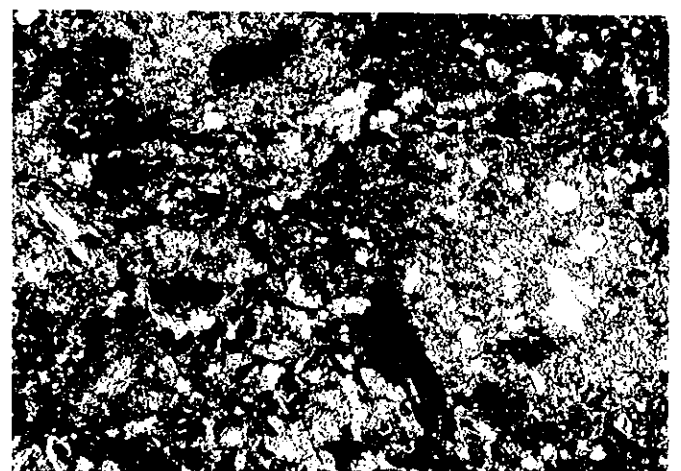
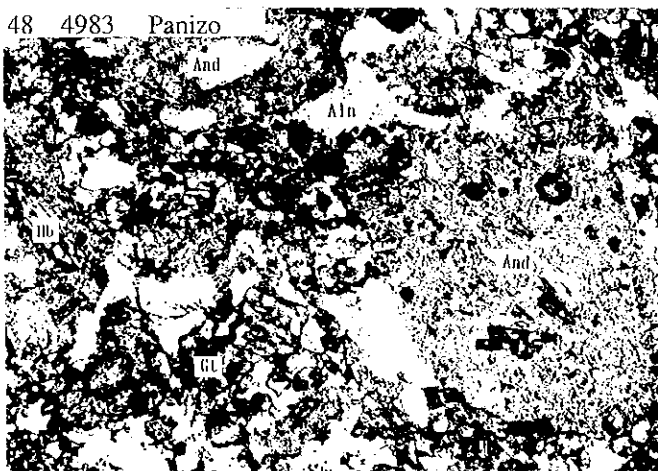
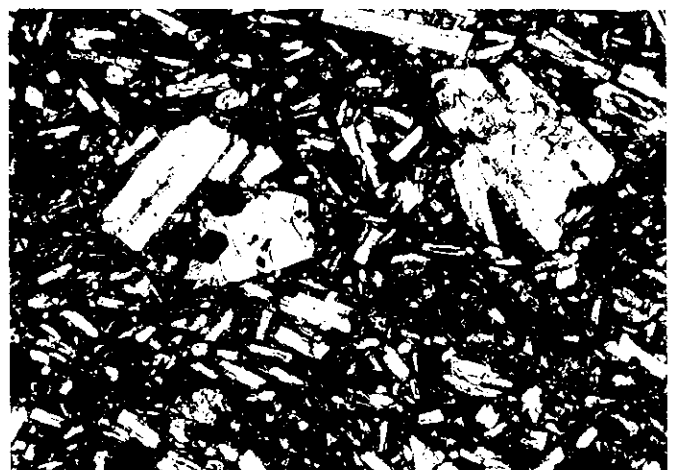
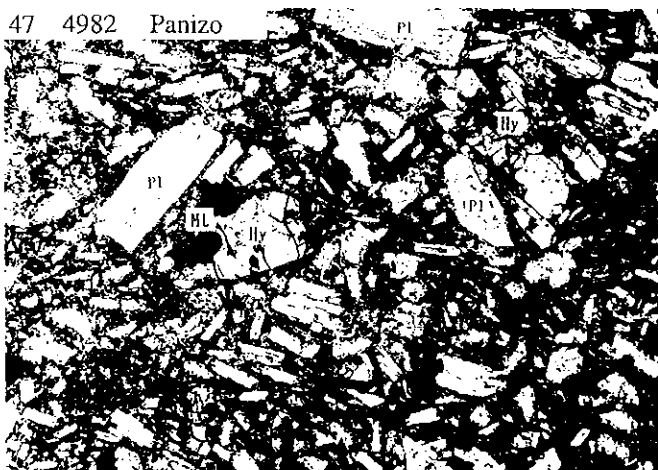
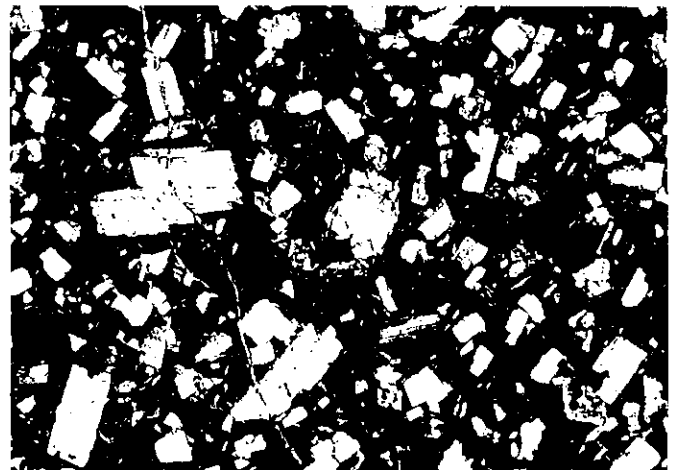
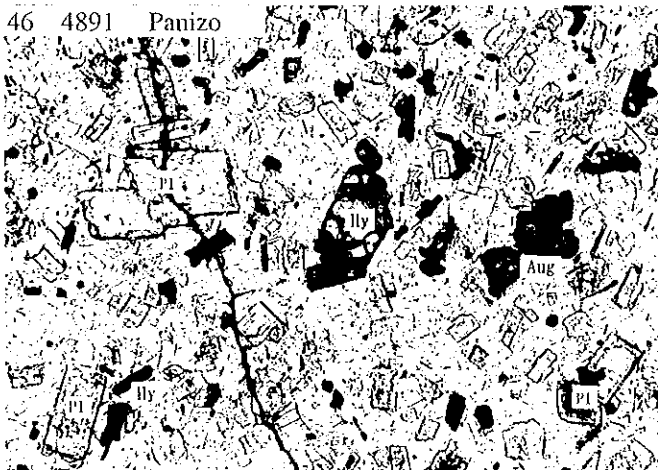
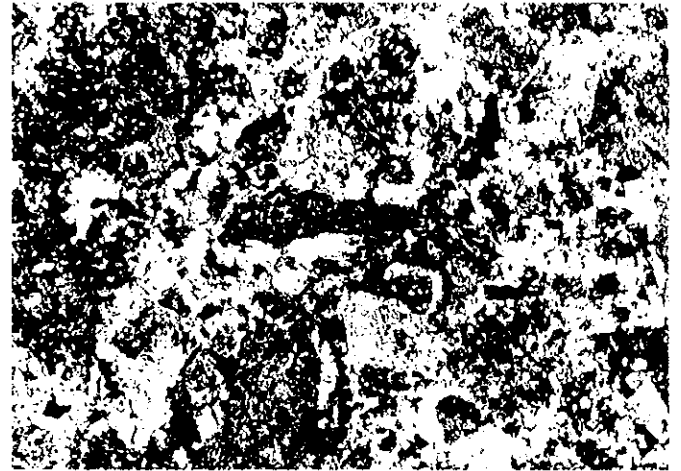
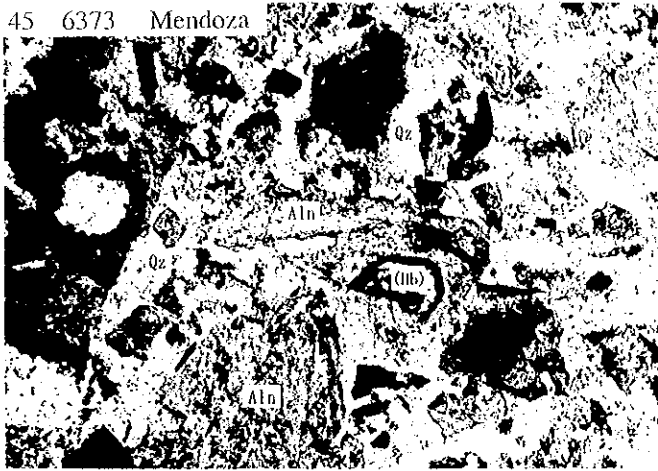




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

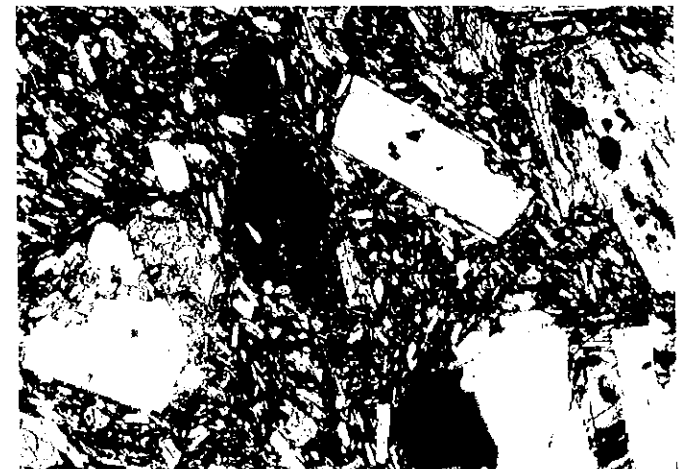
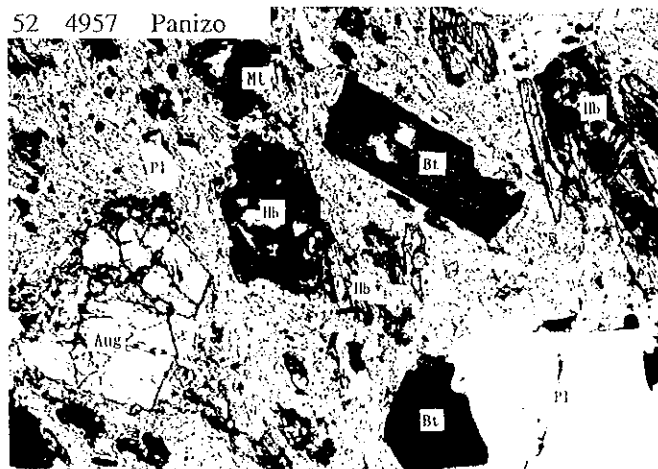
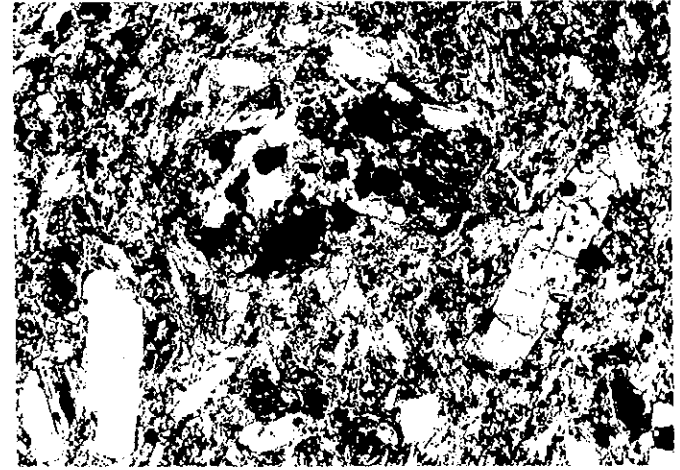
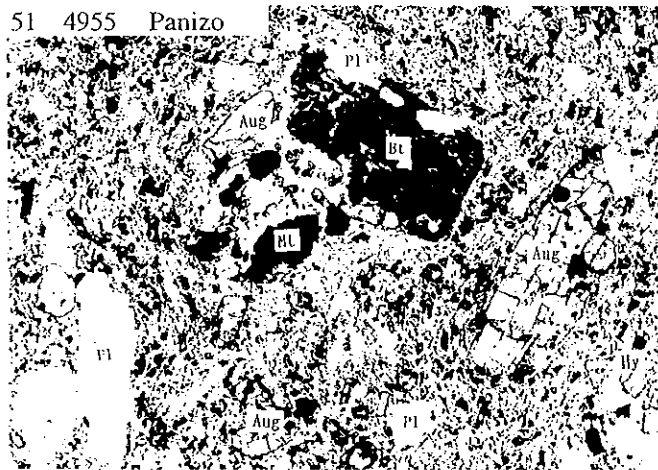
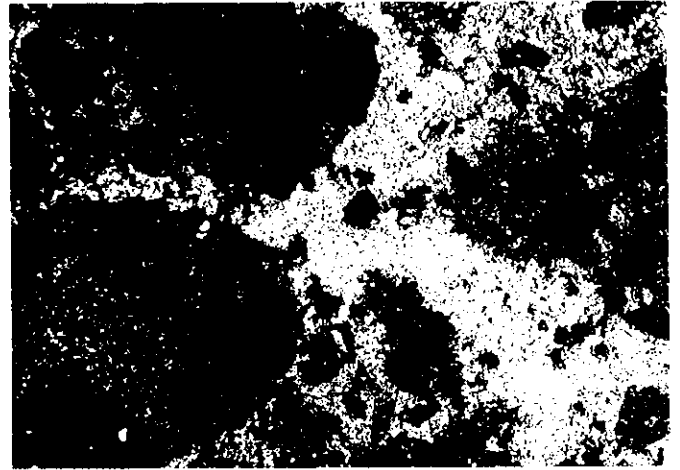
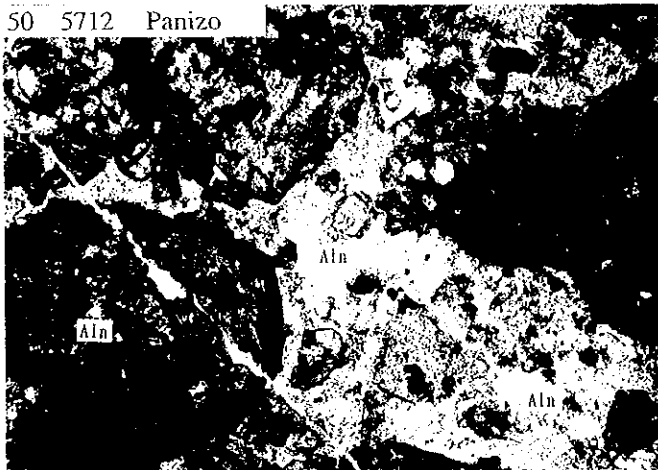
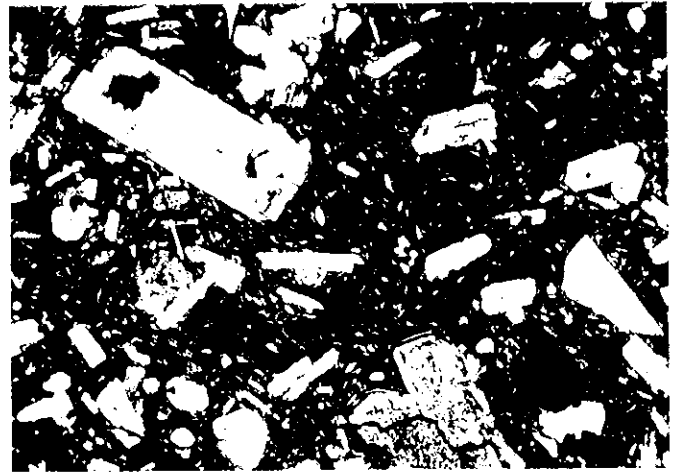
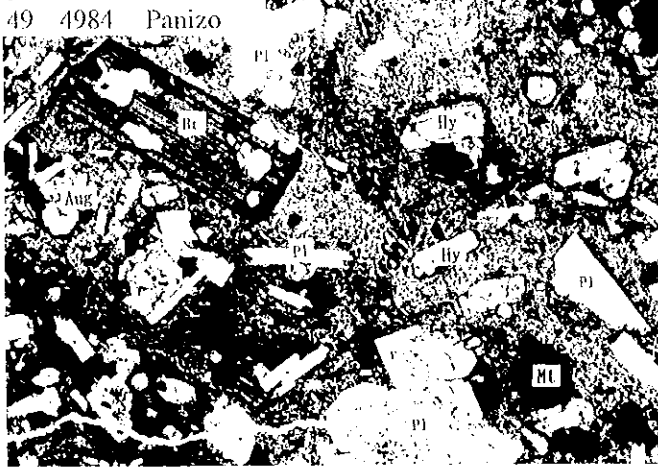




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light



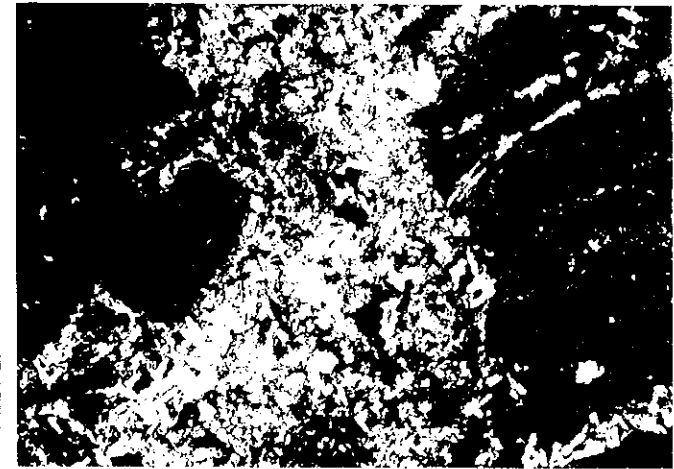
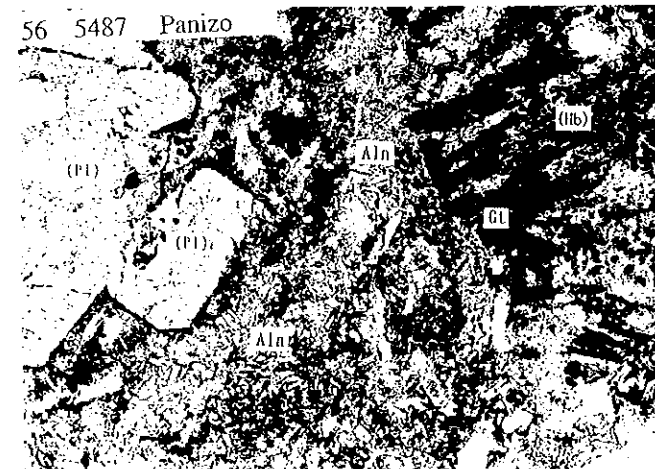
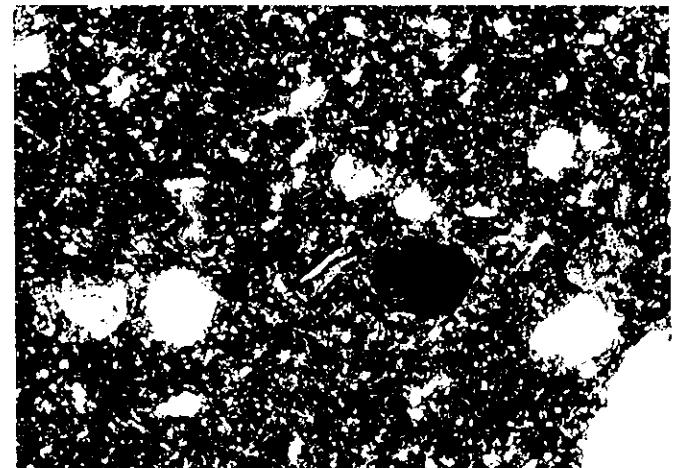
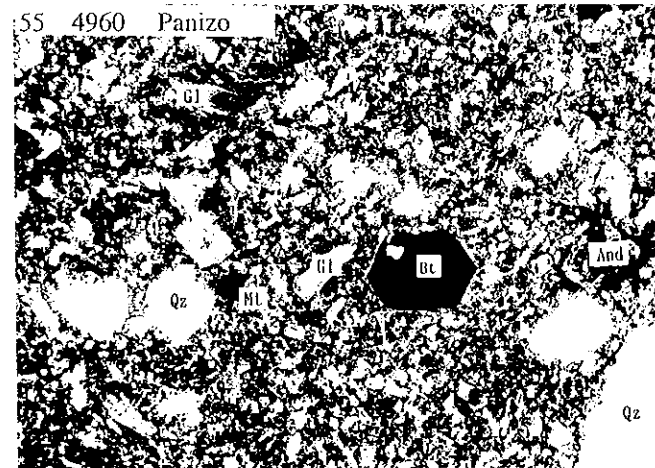
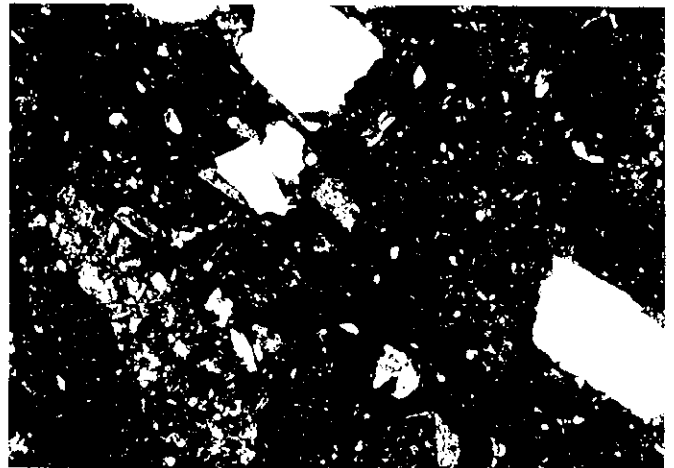
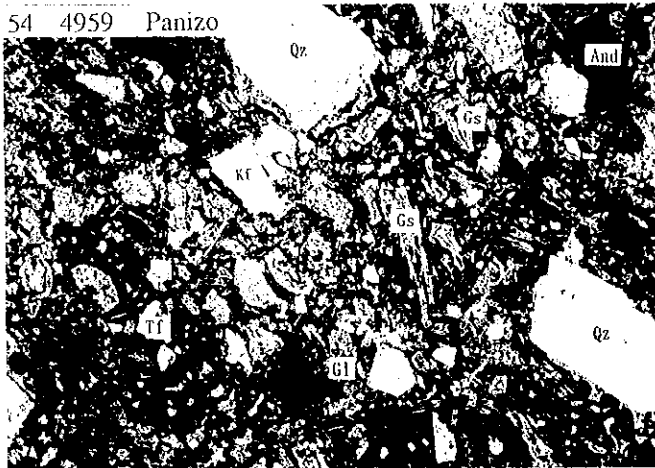
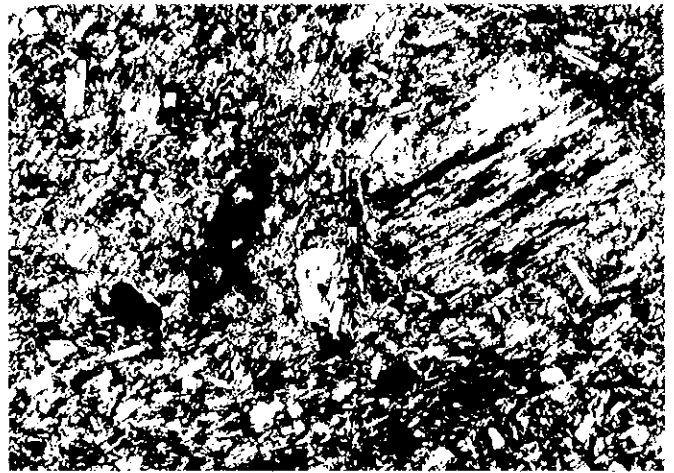
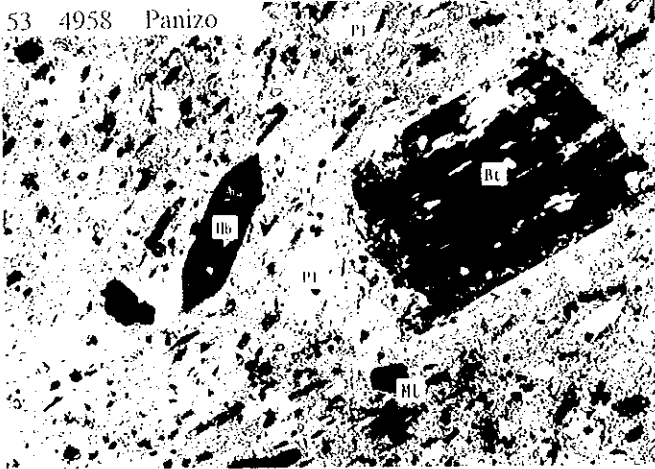




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

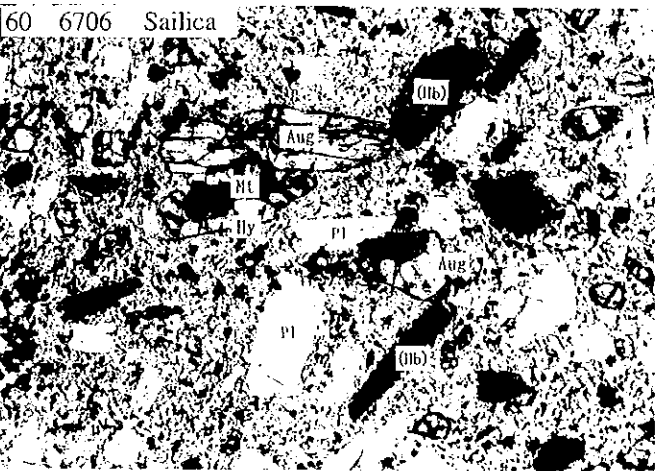
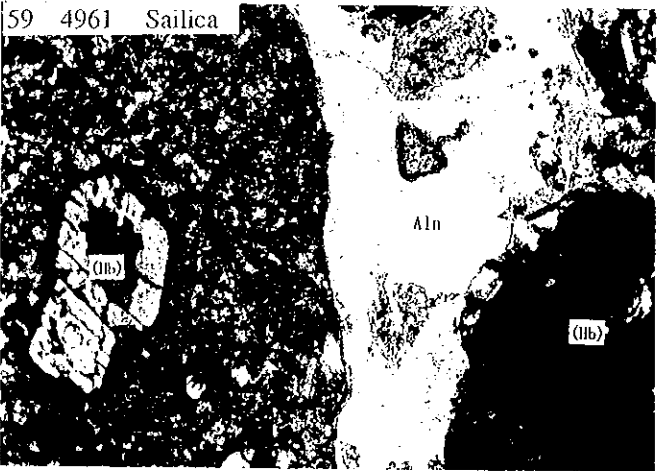
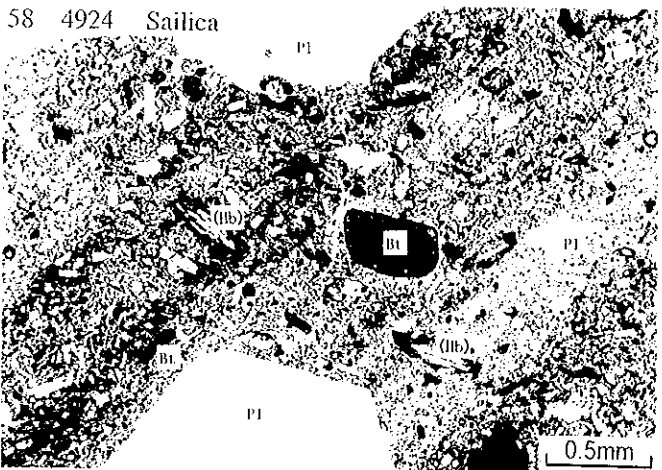
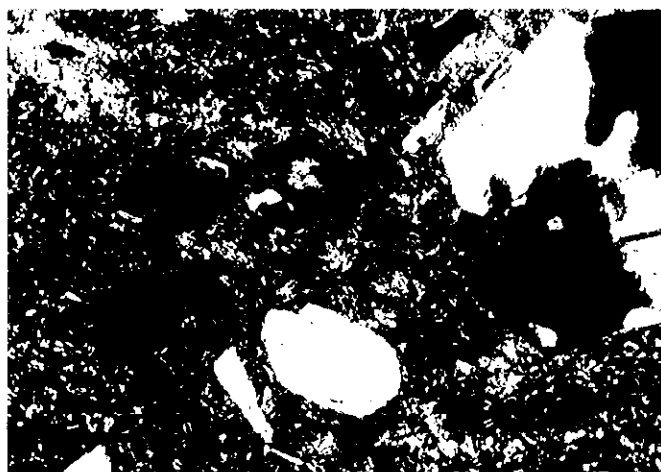
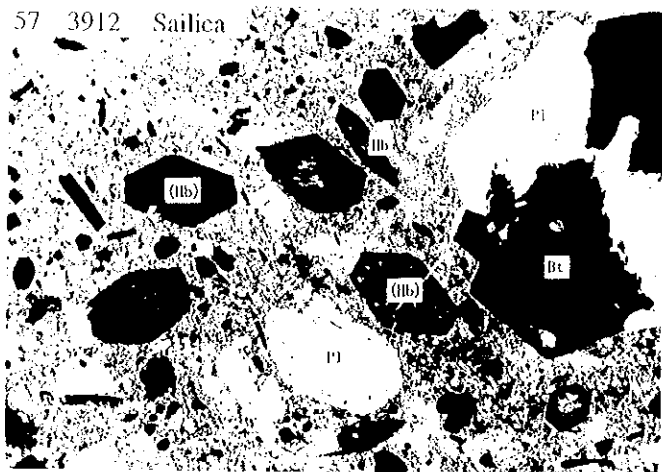




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

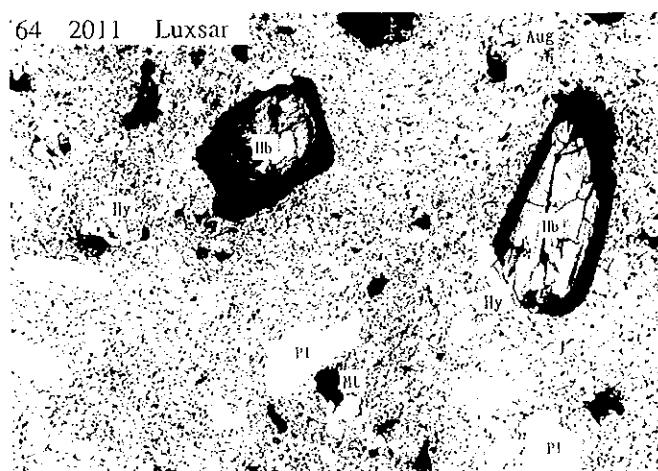
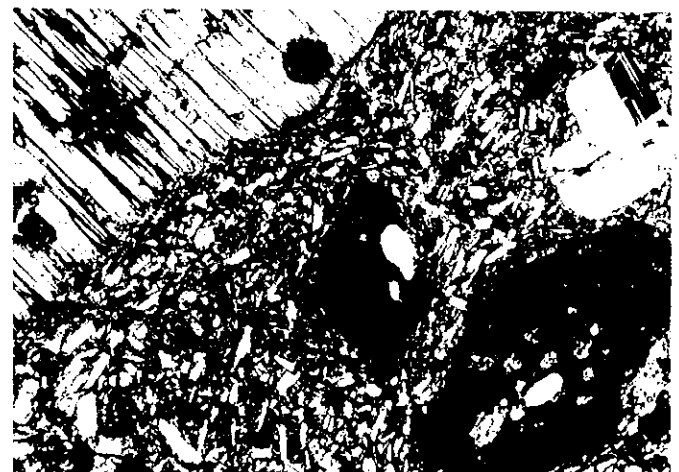
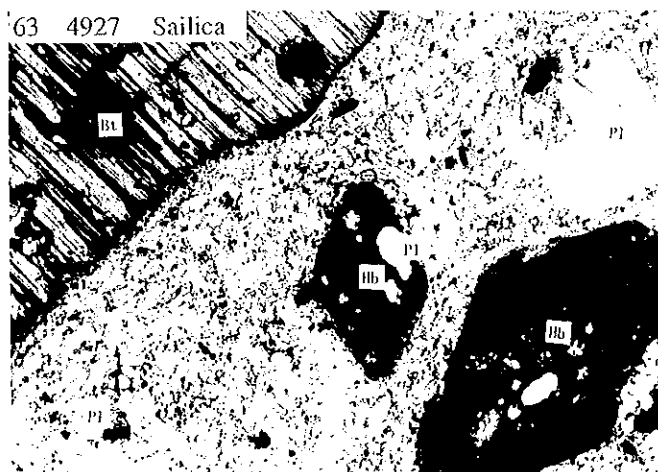
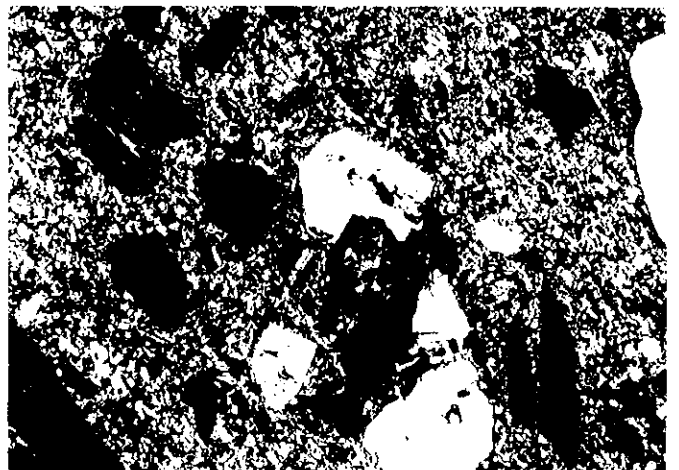
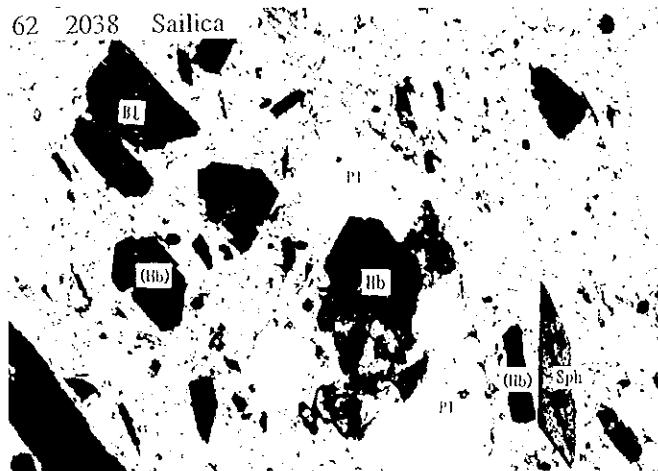




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light



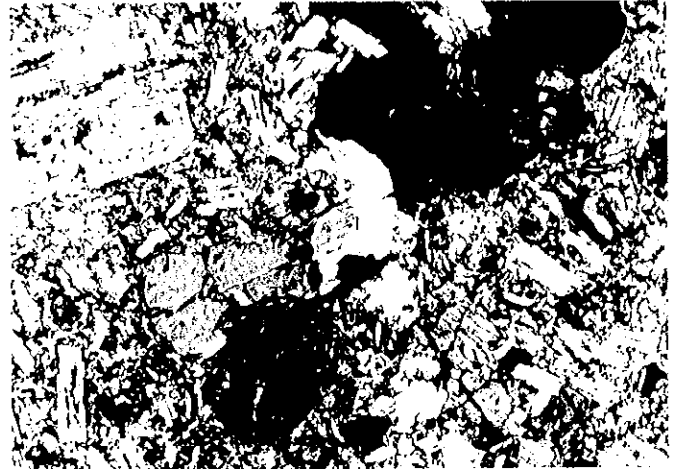
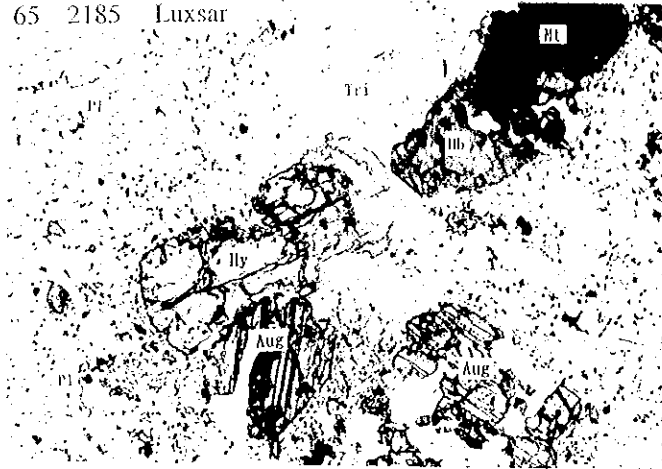


# Photomicrographs of Thin Sections

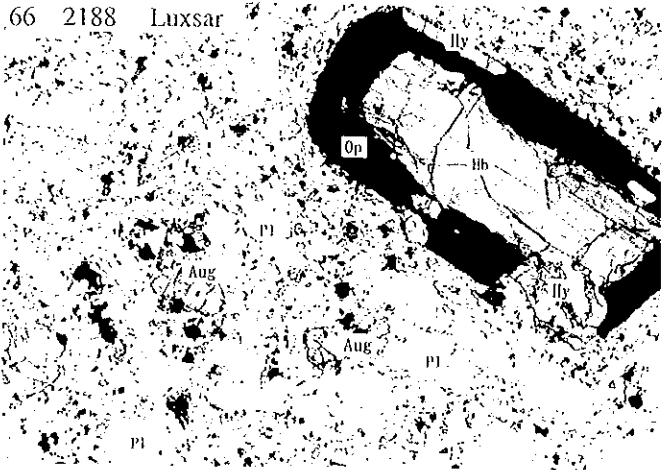
Plane polarized light

Crossed polarized light

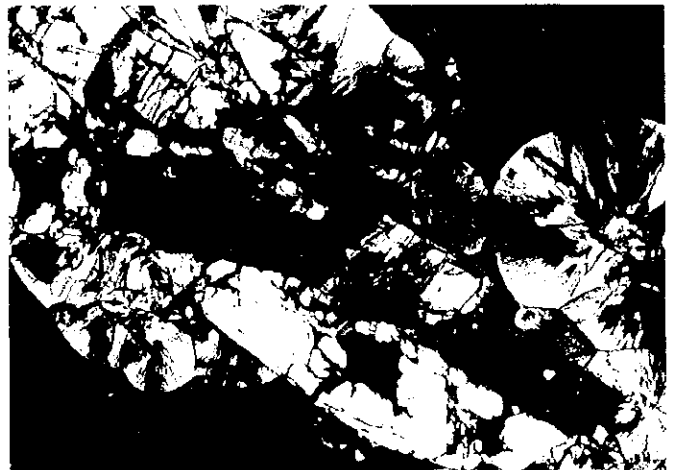
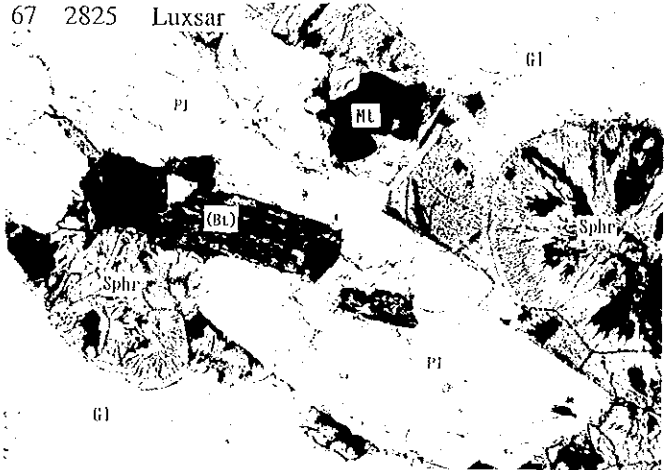
65 2185 Luxsar



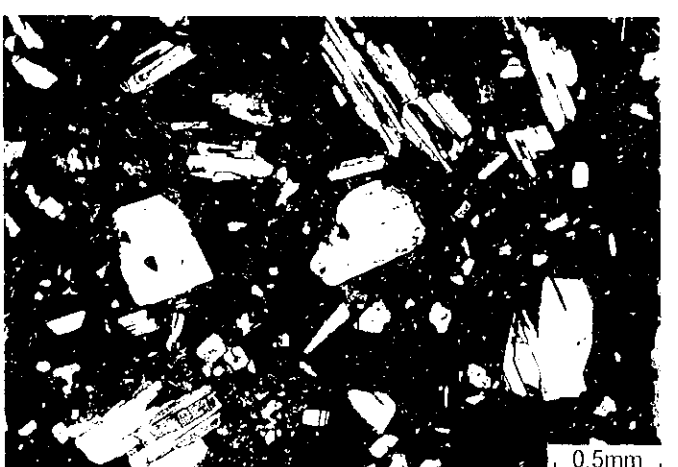
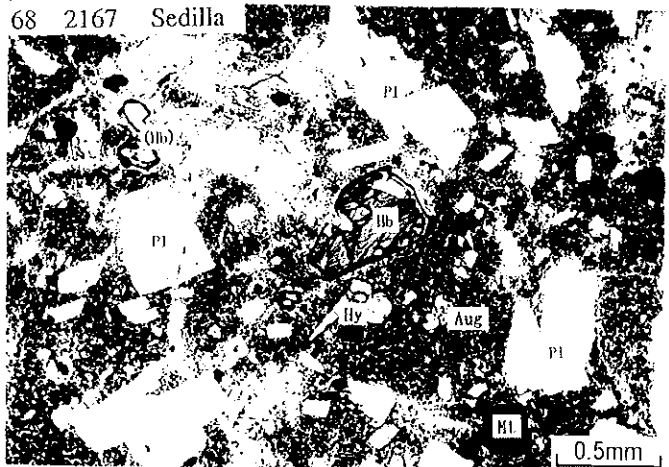
66 2188 Luxsar



67 2825 Luxsar



68 2167 Sedilla



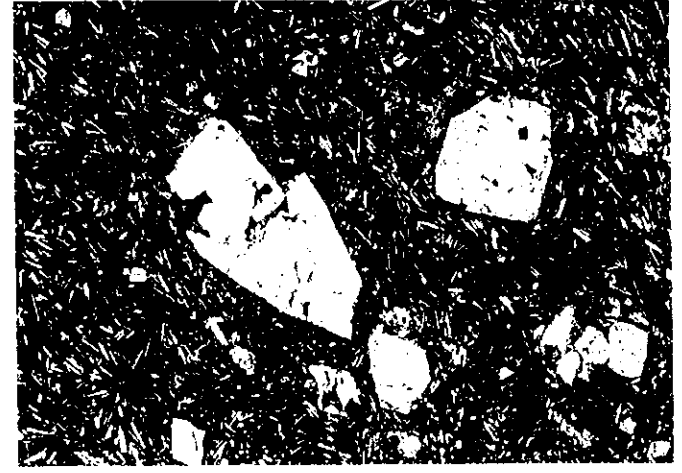
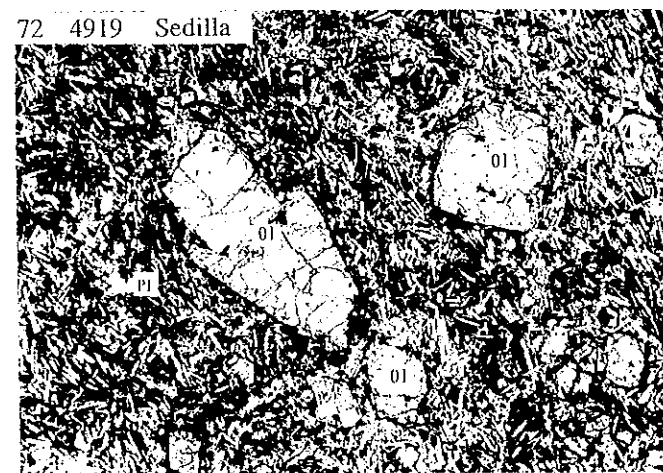
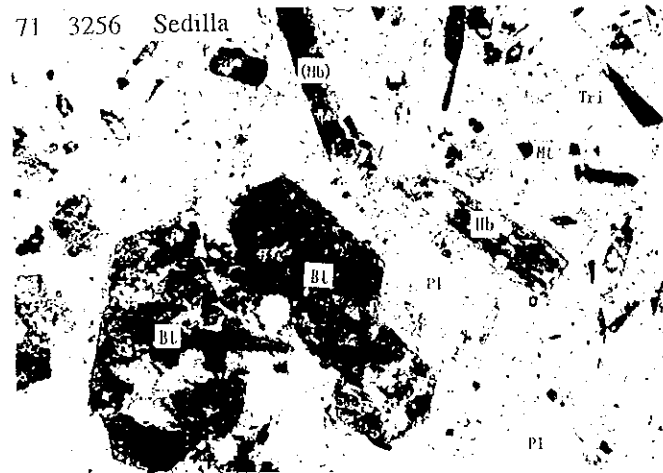
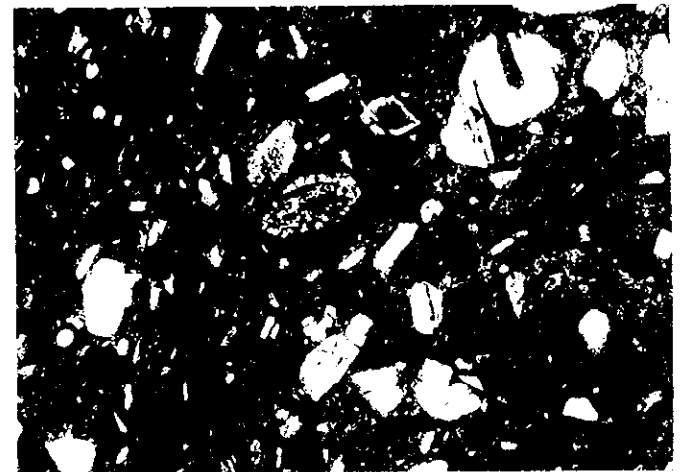
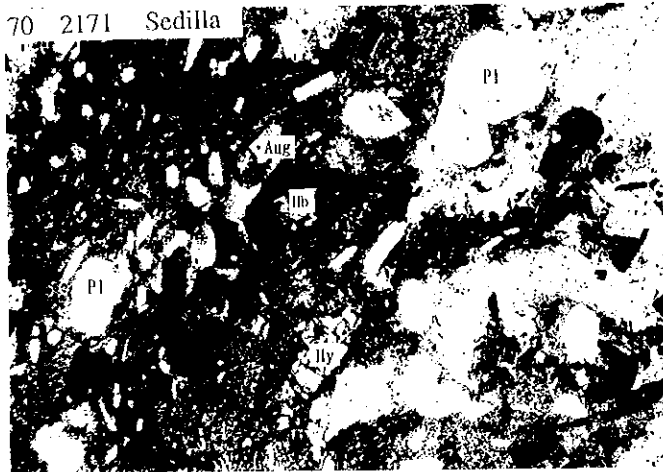
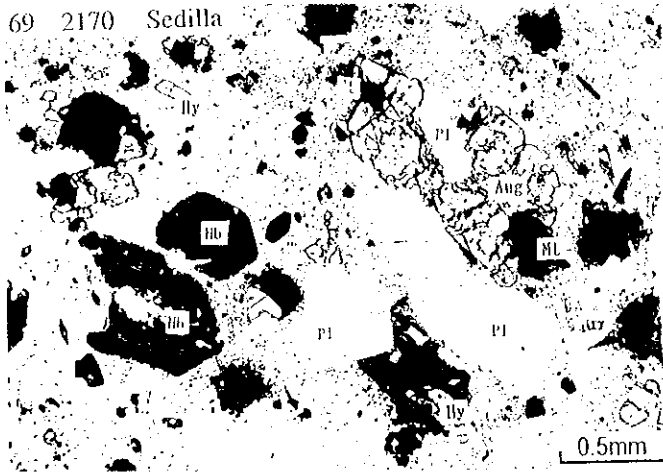




Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light

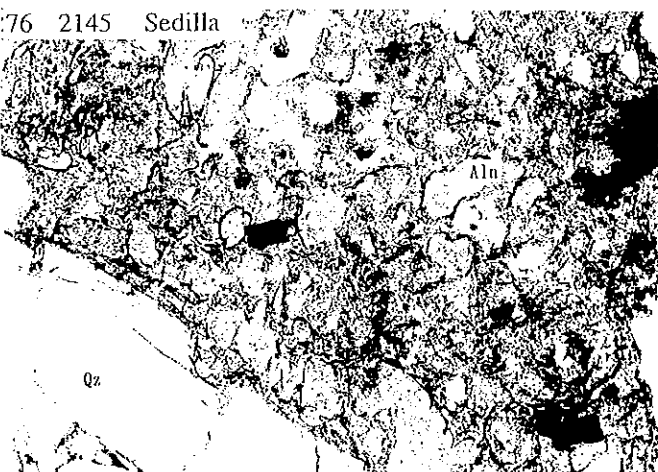
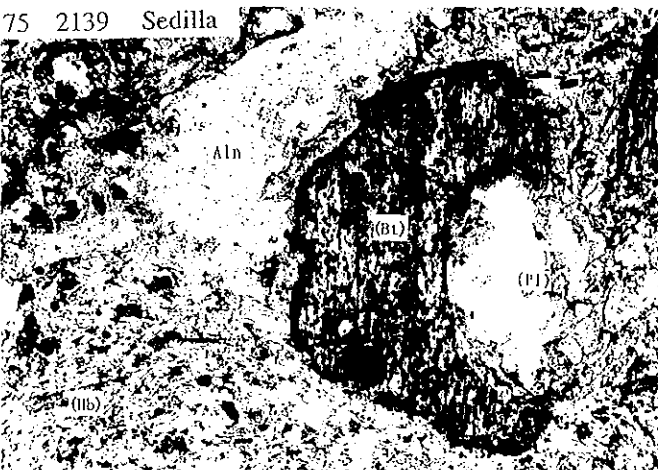
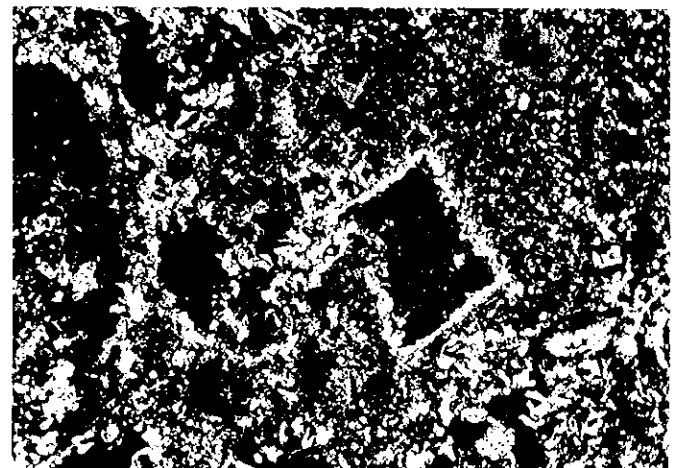
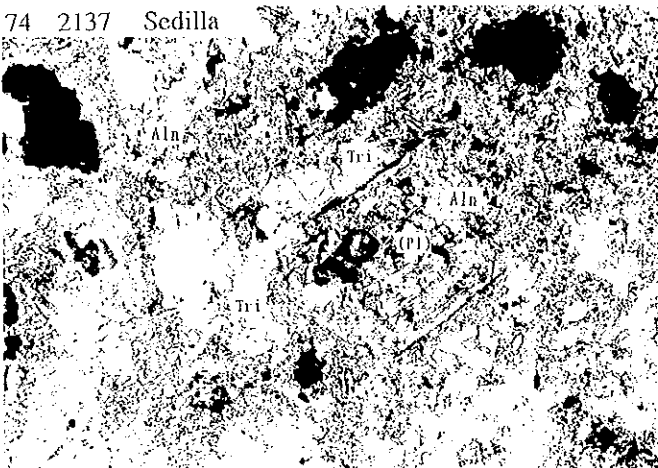
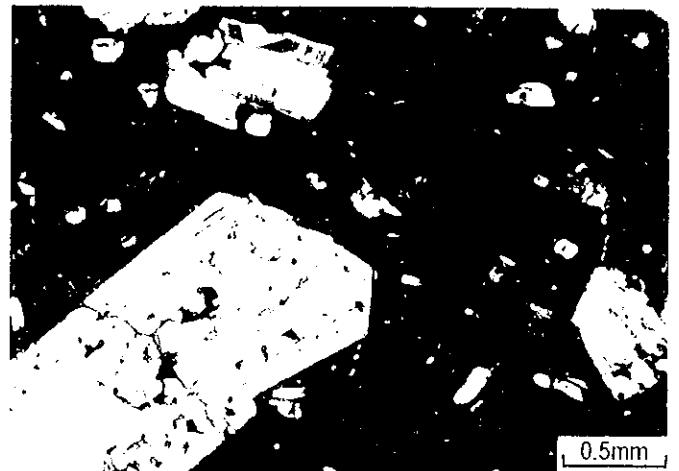
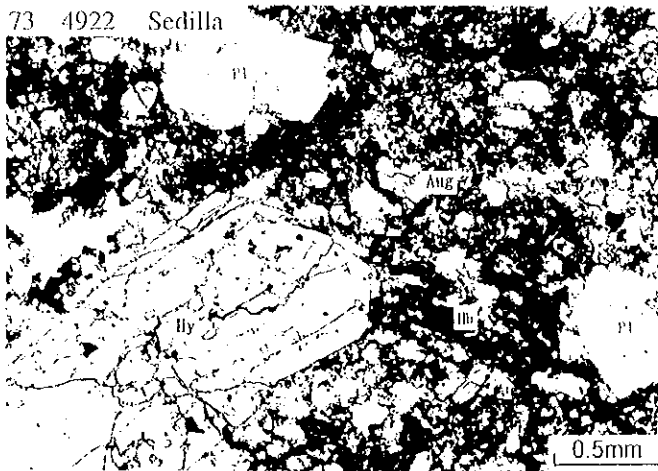




# Photomicrographs of Thin Sections

Plane polarized light

Crossed polarized light



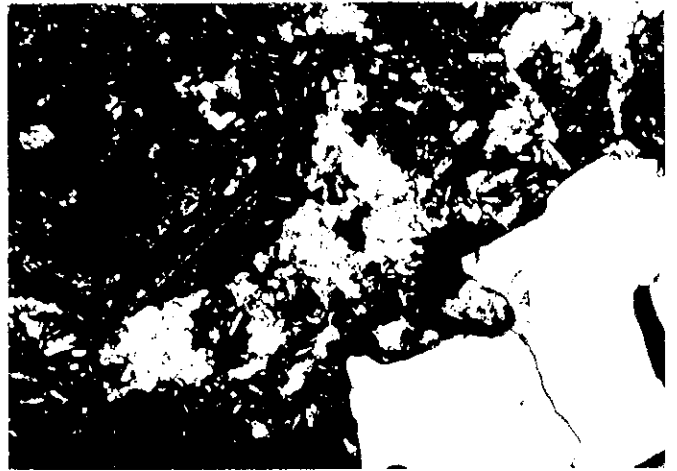
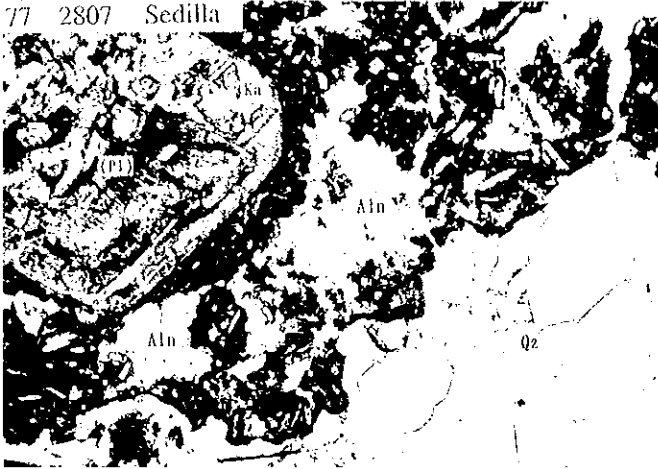


# Photomicrographs of Thin Sections

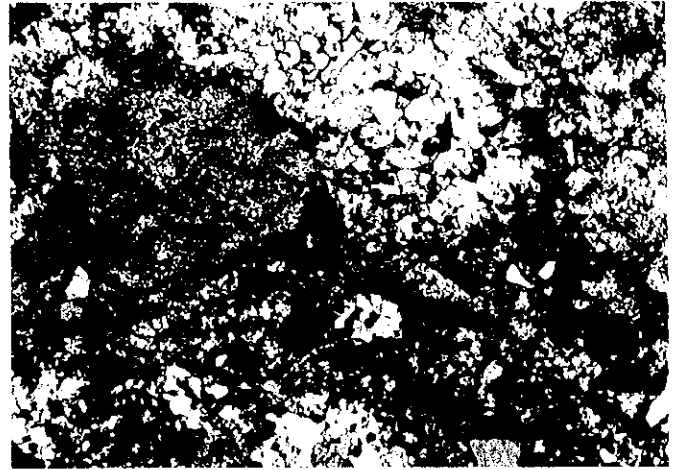
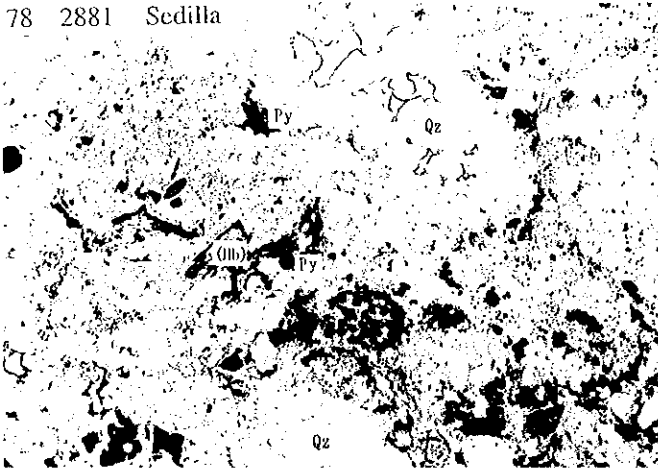
Plane polarized light

Crossed polarized light

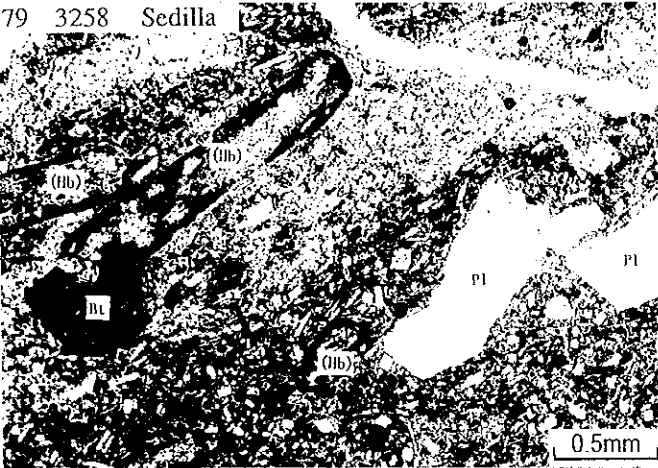
77 2807 Sedilla



78 2881 Sedilla



79 3258 Sedilla



80 4906 Sedilla

