

NO	SAMPLE NO	X	Y	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)	Cu (ppm)	F (ppm)	Zn (ppm)	Cr (ppm)	Ni (ppm)	Fe (%)	R. C.
8611	H 21 14	21.3766	26.8407	3.0	E 0.25	E 0.5	E 0.05	27	75	30	47	19	2.49	5
8612	H 21 15	21.3764	26.8709	E 0.5	E 0.25	E 0.5	E 0.05	62	52	31	34	15	1.63	5
8613	H 21 16	21.3762	26.9011	4.0	E 0.25	E 0.5	E 0.05	72	48	25	26	14	1.54	5
8614	H 21 17	21.3760	26.9313	2.0	E 0.25	E 0.5	E 0.05	53	35	23	23	12	1.37	5
8615	H 21 18	21.3758	26.9615	E 0.5	0.70	E 0.5	E 0.05	47	60	23	18	11	1.20	5
8616	H 21 19	21.3756	26.9917	2.0	0.80	E 0.5	E 0.05	49	58	23	27	11	1.43	5
8617	H 21 20	21.3754	27.0219	2.0	0.60	E 0.5	E 0.05	63	75	28	69	15	1.70	5
8618	H 21 21	21.3752	27.0521	1.0	0.80	E 0.5	E 0.05	84	35	35	48	18	2.22	5
8619	H 21 22	21.3750	27.0823	E 0.5	0.60	E 0.5	E 0.05	90	100	32	47	15	1.87	5
8620	H 21 23	21.3748	27.1125	E 0.5	0.60	E 0.5	E 0.05	106	93	41	28	16	2.40	5
8621	H 21 24	21.3746	27.1427	E 0.5	0.70	E 0.5	E 0.05	54	50	27	23	10	1.59	5
8622	H 21 25	21.3744	27.1729	2.0	0.80	E 0.5	E 0.05	48	65	23	26	10	1.33	5
8623	H 21 26	21.3742	27.2031	2.0	0.60	E 0.5	E 0.05	30	E 10	21	21	9	0.80	5
8624	H 21 27	21.3740	27.2332	3.0	E 0.25	E 0.5	E 0.05	27	E 10	18	28	11	0.88	5
8625	H 21 28	21.3738	27.2634	2.0	E 0.25	E 0.5	E 0.05	16	E 10	17	23	13	0.77	5
8626	H 21 29	21.3736	27.2936	4.0	0.50	E 0.5	E 0.05	14	E 10	27	53	38	0.95	5
8627	H 21 30	21.3734	27.3238	E 0.5	0.90	E 0.5	E 0.05	14	E 10	40	136	58	1.14	5
8628	H 21 31	21.3732	27.3540	E 0.5	1.30	E 0.5	E 0.05	8	E 10	26	60	19	0.86	5
8629	H 21 32	21.3731	27.3842	E 0.5	0.70	E 0.5	E 0.05	8	E 10	23	51	18	0.86	5
8630	H 21 33	21.3729	27.4144	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	27	34	19	1.05	5
8631	H 21 34	21.3727	27.4446	E 0.5	0.50	E 0.5	E 0.05	8	E 10	23	27	12	1.19	5
8632	H 21 35	21.3725	27.4748	E 0.5	0.70	E 0.5	E 0.05	20	23	44	36	21	2.36	5
8633	H 21 36	21.3723	27.5050	E 0.5	0.80	E 0.5	E 0.05	11	E 10	34	57	15	2.01	5
8634	H 21 37	21.3721	27.5352	2.0	0.60	E 0.5	E 0.05	10	E 10	25	34	11	1.23	5
8635	H 21 38	21.3719	27.5654	E 0.5	0.60	E 0.5	E 0.05	18	E 10	49	22	19	2.71	5
8636	H 22 1	21.4795	26.4491	E 0.5	E 0.25	E 0.5	E 0.05	41	E 10	24	31	16	1.67	5
8637	H 22 2	21.4794	26.4793	E 0.5	E 0.25	E 0.5	E 0.05	40	E 10	25	45	19	1.71	5
8638	H 22 3	21.4792	26.5095	E 0.5	E 0.25	E 0.5	E 0.05	43	E 10	29	30	20	1.88	5
8639	H 22 4	21.4790	26.5397	E 0.5	E 0.25	E 0.5	E 0.05	57	E 10	68	76	47	1.98	5
8640	H 22 5	21.4788	26.5698	3.0	0.50	E 0.5	E 0.05	31	E 10	42	1	40	1.30	5
8641	H 22 6	21.4786	26.6000	9.0	E 0.25	E 0.5	E 0.05	69	E 10	49	65	31	2.32	5
8642	H 22 7	21.4784	26.6302	3.0	0.60	E 0.5	E 0.05	45	48	78	54	39	2.21	5
8643	H 22 8	21.4782	26.6604	3.0	0.50	E 0.5	E 0.05	35	35	67	98	36	1.73	5
8644	H 22 9	21.4781	26.6906	5.0	0.80	E 0.5	E 0.05	47	70	72	1	60	2.32	5
8645	H 22 10	21.4779	26.7208	4.0	0.50	E 0.5	E 0.05	43	35	50	221	38	2.08	5
8646	H 22 11	21.4777	26.7510	E 0.5	0.60	E 0.5	E 0.05	37	38	68	149	45	2.16	5
8647	H 22 12	21.4775	26.7811	E 0.5	0.60	E 0.5	E 0.05	25	60	43	91	34	1.66	5
8648	H 22 13	21.4773	26.8113	E 0.5	0.80	E 0.5	E 0.05	44	58	55	88	40	2.50	5
8649	H 22 14	21.4771	26.8415	2.0	0.70	E 0.5	E 0.05	42	58	47	67	37	2.26	5
8650	H 22 15	21.4769	26.8717	5.0	0.70	E 0.5	E 0.05	37	160	54	76	28	2.48	5
8651	H 22 16	21.4767	26.9019	5.0	0.50	E 0.5	E 0.05	37	35	53	70	32	2.27	5
8652	H 22 17	21.4766	26.9321	1.0	0.50	E 0.5	E 0.05	35	25	52	71	32	2.25	5
8653	H 22 18	21.4764	26.9623	E 0.5	0.60	E 0.5	E 0.05	72	58	73	140	43	3.03	5
8654	H 22 19	21.4762	26.9925	5.0	0.70	E 0.5	E 0.05	34	73	70	103	31	2.24	5
8655	H 22 20	21.4760	27.0226	4.0	0.70	E 0.5	E 0.05	39	75	48	61	50	1.69	5
8656	H 22 21	21.4758	27.0528	4.0	0.60	E 0.5	E 0.05	77	110	46	26	43	1.92	5
8657	H 22 22	21.4756	27.0830	4.0	0.70	E 0.5	E 0.05	81	33	57	28	40	2.15	5
8658	H 22 23	21.4754	27.1132	6.0	0.80	E 0.5	E 0.05	82	33	56	39	26	2.33	5
8659	H 22 24	21.4753	27.1434	4.0	1.00	E 0.5	E 0.05	123	93	61	38	33	2.25	5
8660	H 22 25	21.4751	27.1736	E 0.5	0.70	E 0.5	E 0.05	50	48	39	40	64	1.69	5
8661	H 22 26	21.4749	27.2038	4.0	E 0.25	E 0.5	E 0.05	61	68	33	45	37	1.63	5
8662	H 22 27	21.4747	27.2339	2.0	0.50	E 0.5	E 0.05	43	83	55	53	66	1.69	5
8663	H 22 28	21.4745	27.2641	9.0	0.80	E 0.5	E 0.05	29	48	47	51	29	1.61	5
8664	H 22 29	21.4743	27.2943	1.0	0.60	E 0.5	E 0.05	26	20	31	45	24	1.67	5
8665	H 22 30	21.4741	27.3245	6.0	0.50	E 0.5	E 0.05	28	E 10	36	35	25	2.03	5
8666	H 22 31	21.4739	27.3547	E 0.5	0.70	E 0.5	E 0.05	23	E 10	41	39	37	1.72	5
8667	H 22 32	21.4738	27.3849	2.0	0.70	E 0.5	E 0.05	20	E 10	53	29	27	2.12	5
8668	H 22 33	21.4736	27.4151	3.0	0.70	E 0.5	E 0.05	23	E 10	55	32	37	2.29	5
8669	H 22 34	21.4734	27.4453	E 0.5	0.50	E 0.5	E 0.05	14	25	42	26	34	1.82	5
8670	H 22 35	21.4732	27.4754	2.0	0.80	E 0.5	E 0.05	16	38	56	52	47	2.38	5
8671	H 22 36	21.4730	27.5056	E 0.5	0.60	E 0.5	E 0.05	28	60	71	56	48	2.85	5
8672	H 22 37	21.4728	27.5358	3.0	0.70	E 0.5	E 0.05	20	60	64	65	56	2.24	5
8673	H 22 38	21.4726	27.5660	E 0.5	0.50	E 0.5	E 0.05	15	65	52	32	25	1.61	5
8674	H 22 39	21.4725	27.5962	E 0.5	E 0.25	E 0.5	E 0.05	22	110	56	26	26	1.54	5
8675	H 22 40	21.4723	27.6264	1.0	0.60	E 0.5	E 0.05	30	50	53	34	33	1.60	5
8676	H 22 41	21.4721	27.6566	3.0	E 0.25	E 0.5	E 0.05	27	63	52	31	42	1.74	5
8677	H 23 1	21.5800	26.4500	1.0	1.00	E 0.5	E 0.05	59	E 10	46	44	26	2.22	5
8678	H 23 2	21.5798	26.4802	E 0.5	0.60	E 0.5	E 0.05	67	E 10	58	56	44	3.15	5
8679	H 23 3	21.5796	26.5104	3.0	0.60	E 0.5	E 0.05	69	E 10	61	41	27	3.44	5
8680	H 23 4	21.5795	26.5405	4.0	0.80	E 0.5	E 0.05	116	160	59	83	39	3.72	5
8681	H 23 5	21.5793	26.5707	E 0.5	0.50	1.0	E 0.05	53	80	50	77	33	2.59	5
8682	H 23 6	21.5791	26.6009	2.0	E 0.25	E 0.5	E 0.05	68	70	77	130	45	3.17	5
8683	H 23 7	21.5789	26.6311	2.0	E 0.25	E 0.5	E 0.05	87	80	61	1	41	3.42	5
8684	H 23 8	21.5788	26.6613	E 0.5	0.80	E 0.5	E 0.05	78	180	60	143	42	3.62	5
8685	H 23 9	21.5786	26.6914	3.0	0.70	E 0.5	E 0.05	37	150	49	89	29	2.66	5
8686	H 23 10	21.5784	26.7216	2.0	E 0.25	E 0.5	E 0.05	32	110	64	53	28	2.48	5
8687	H 23 11	21.5782	26.7518	E 0.5	0.50	E 0.5	E 0.05	53	62	53	78	41	2.56	5
8688	H 23 12	21.5780	26.7820	E 0.5	0.50	E 0.5	E 0.05	53	120	44	60	27	2.28	5

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8689	H 23 13	21.5779	26.8121	2.0	0.70	E 0.5	E 0.05	64	80	48	48	24	2.66	5
8690	H 23 14	21.5777	26.8423	3.0	0.60	E 0.5	E 0.05	54	88	38	49	19	2.10	5
8691	H 23 15	21.5775	26.8725	3.0	0.60	E 0.5	E 0.05	60	120	47	67	23	2.41	5
8692	H 23 16	21.5773	26.9027	E 0.5	0.90	E 0.5	E 0.05	70	130	53	54	24	2.73	5
8693	H 23 17	21.5771	26.9329	3.0	0.80	E 0.5	E 0.05	53	230	56	44	21	3.16	5
8694	H 23 18	21.5770	26.9630	1.0	0.70	E 0.5	E 0.05	30	380	37	27	12	2.46	5
8695	H 23 19	21.5768	26.9932	E 0.5	1.00	E 0.5	E 0.05	53	190	51	47	18	2.82	5
8696	H 23 20	21.5766	27.0234	E 0.5	E 0.25	1.0	E 0.05	39	98	50	29	17	2.59	5
8697	H 23 21	21.5764	27.0536	E 0.5	0.60	E 0.5	E 0.05	37	280	47	25	13	2.29	5
8698	H 23 22	21.5763	27.0838	3.0	0.90	1.0	E 0.05	75	290	39	26	16	3.02	5
8699	H 23 24	21.5759	27.1441	E 0.5	1.00	1.0	E 0.05	189	240	63	56	29	4.11	5
8700	H 23 25	21.5757	27.1743	E 0.5	0.90	E 0.5	E 0.05	85	150	41	31	12	2.96	5
8701	H 23 26	21.5755	27.2045	E 0.5	0.70	E 0.5	E 0.05	94	140	30	37	12	1.92	5
8702	H 23 27	21.5754	27.2346	E 0.5	0.90	E 0.5	E 0.05	47	220	32	48	13	2.02	5
8703	H 23 28	21.5752	27.2648	E 0.5	0.90	E 0.5	E 0.05	69	130	68	63	19	2.10	5
8704	H 23 29	21.5750	27.2950	E 0.5	0.60	E 0.5	E 0.05	41	45	43	45	16	1.93	5
8705	H 23 30	21.5748	27.3252	E 0.5	0.70	1.0	E 0.05	40	120	50	28	22	2.60	5
8706	H 23 31	21.5746	27.3554	E 0.5	0.80	1.0	E 0.05	31	93	39	30	16	2.37	5
8707	H 23 32	21.5745	27.3855	1.0	0.70	1.0	E 0.05	18	63	27	28	20	1.11	5
8708	H 23 33	21.5743	27.4157	E 0.5	0.70	E 0.5	E 0.05	11	60	26	13	14	1.00	5
8709	H 23 34	21.5741	27.4459	E 0.5	0.50	1.0	E 0.05	17	63	46	37	24	2.01	5
8710	H 23 35	21.5739	27.4761	E 0.5	0.80	1.0	E 0.05	26	65	55	69	24	2.67	5
8711	H 23 36	21.5738	27.5063	2.0	0.80	E 0.5	E 0.05	17	45	40	56	19	2.00	5
8712	H 23 37	21.5736	27.5364	E 0.5	0.70	E 0.5	E 0.05	16	35	38	50	15	1.50	5
8713	H 23 38	21.5734	27.5666	E 0.5	0.80	E 0.5	E 0.05	17	40	35	38	16	1.43	5
8714	H 23 39	21.5732	27.5968	4.0	E 0.25	E 0.5	E 0.05	7	60	22	1	9	0.55	5
8715	H 23 40	21.5730	27.6270	E 0.5	E 0.25	E 0.5	E 0.05	9	58	23	28	10	0.71	5
8716	H 23 41	21.5729	27.6571	E 0.5	E 0.25	E 0.5	E 0.05	17	25	28	24	15	1.38	5

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppm)	As(ppm)	Bi(ppm)	Cu(ppm)	F(ppm)	Zn(ppm)	Cr(ppm)	Ni(ppm)	Fe(%)	R. C.
8717	1 1 1	65.0400	25.0300	3.0	E 0.25	1.0	E 0.05	46	83	85	109	51	4.69	5
8718	1 1 2	65.0388	25.0601	4.0	E 0.50	E 0.5	E 0.05	33	100	72	70	37	4.64	5
8719	1 1 3	65.0375	25.0303	3.0	E 0.60	E 0.5	E 0.05	26	78	174	1	29	3.29	5
8720	1 1 4	65.0363	25.1204	2.0	E 0.70	E 0.5	E 0.05	37	58	148	98	31	3.74	5
8721	1 1 5	65.0351	25.1505	1.0	E 0.25	E 0.5	E 0.05	20	25	70	71	28	3.07	5
8722	1 1 6	65.0338	25.1807	5.0	E 0.60	E 0.5	E 0.05	15	E 10	82	71	25	3.74	5
8723	1 1 7	65.0326	25.2108	E 0.5	E 0.25	E 0.5	E 0.05	19	28	54	110	20	2.88	5
8724	1 1 8	65.0314	25.2410	2.0	E 0.25	E 0.5	E 0.05	31	35	68	117	61	3.16	5
8725	1 1 9	65.0301	25.2711	E 0.5	E 0.25	E 0.5	E 0.05	31	60	61	153	57	3.38	5
8726	1 1 10	65.0289	25.3012	2.0	E 0.25	E 0.5	E 0.05	18	30	56	134	29	2.74	5
8727	1 1 11	65.0277	25.3314	3.0	E 0.60	E 0.5	E 0.05	10	50	41	77	21	2.00	5
8728	1 1 12	65.0264	25.3615	2.0	E 0.50	E 0.5	E 0.05	12	28	38	75	24	1.97	5
8729	1 1 13	65.0252	25.3916	3.0	E 0.60	E 0.5	E 0.05	12	30	35	84	21	1.99	5
8730	1 1 14	65.0240	25.4218	E 0.5	E 0.70	E 0.5	E 0.05	7	58	23	47	18	0.90	5
8731	1 1 15	65.0227	25.4519	E 0.5	E 0.60	E 0.5	E 0.05	7	30	29	39	15	1.30	5
8732	1 1 16	65.0215	25.4821	6.0	E 0.60	E 0.5	E 0.05	12	32	35	47	24	1.70	5
8733	1 1 17	65.0203	25.5122	3.0	E 0.25	E 0.5	E 0.05	15	48	44	37	26	2.19	5
8734	1 1 18	65.0190	25.5423	2.0	E 0.70	E 0.5	E 0.05	18	38	52	1	28	2.28	5
8735	1 1 19	65.0178	25.5725	2.0	E 0.80	E 0.5	E 0.05	17	52	51	36	24	2.06	5
8736	1 1 20	65.0166	25.6026	5.0	E 0.60	E 0.5	E 0.05	19	22	46	28	28	1.97	5
8737	1 1 21	65.0153	25.6327	2.0	E 0.50	E 0.5	E 0.05	10	68	32	38	19	1.66	5
8738	1 1 22	65.0141	25.6629	4.0	E 0.60	E 0.5	E 0.05	8	55	25	30	15	1.23	5
8739	1 1 23	65.0129	25.6930	6.0	E 0.60	E 0.5	E 0.05	14	58	34	42	20	1.59	5
8740	1 1 24	65.0116	25.7232	3.0	E 0.70	E 0.5	E 0.05	6	75	22	45	11	1.08	5
8741	1 1 25	65.0104	25.7533	2.0	E 0.90	E 0.5	E 0.05	5	48	22	48	9	0.88	5
8742	1 1 26	65.0092	25.7834	1.0	E 0.25	E 0.5	E 0.05	4	55	17	39	9	0.69	5
8743	1 1 27	65.0079	25.8136	2.0	E 0.25	E 0.5	E 0.05	5	42	20	32	8	0.74	5
8744	1 1 28	65.0067	25.8437	1.0	E 0.25	E 0.5	E 0.05	4	38	12	25	8	0.52	5
8745	1 1 29	65.0055	25.8738	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	12	24	13	0.70	5
8746	1 1 30	65.0042	25.9040	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	23	27	16	1.03	5
8747	1 1 31	65.0030	25.9341	3.0	E 0.25	E 0.5	E 0.05	6	20	17	39	10	0.92	5
8748	1 1 32	65.0018	25.9642	4.0	E 0.60	E 0.5	E 0.05	9	20	22	33	15	1.10	5
8749	1 1 33	65.0005	25.9944	E 0.5	E 0.50	E 0.5	E 0.05	5	E 10	13	17	10	0.49	5
8750	1 1 34	64.9993	26.0245	E 0.5	E 0.70	E 0.5	E 0.05	6	E 10	15	24	12	0.62	5
8751	1 1 35	64.9981	26.0547	E 0.5	E 0.60	E 0.5	E 0.05	7	E 10	67	39	16	0.77	5
8752	1 1 36	64.9968	26.0848	E 0.5	E 0.50	E 0.5	E 0.05	9	52	45	36	20	1.10	5
8753	1 1 37	64.9956	26.1149	E 0.5	E 0.60	E 0.5	E 0.05	13	42	35	37	22	1.28	5
8754	1 1 38	64.9944	26.1451	E 0.5	E 0.70	E 0.5	E 0.05	14	32	36	29	25	1.17	5
8755	1 1 39	64.9932	26.1752	E 0.5	E 0.60	E 0.5	E 0.05	10	32	22	27	17	0.89	5
8756	1 1 40	64.9919	26.2053	E 0.5	E 0.25	E 0.5	E 0.05	7	32	22	29	13	0.75	5
8757	1 1 41	64.9907	26.2355	E 0.5	E 0.25	E 0.5	E 0.05	6	25	17	8	10	0.61	5
8758	1 1 42	64.9895	26.2656	E 0.5	E 0.25	E 0.5	E 0.05	6	22	18	26	11	0.72	5
8759	1 1 43	64.9882	26.2958	8.0	E 0.70	E 0.5	E 0.05	7	22	49	29	12	0.85	5
8760	1 1 44	64.9870	26.3259	3.0	E 0.60	E 0.5	E 0.05	5	20	40	19	10	0.68	5
8761	1 1 45	64.9858	26.3560	6.0	E 0.50	E 0.5	E 0.05	5	30	26	21	10	0.68	5
8762	1 1 46	64.9845	26.3862	1.0	E 0.60	E 0.5	E 0.05	6	22	43	19	12	0.74	5
8763	1 1 47	64.9833	26.4163	E 0.5	E 0.50	E 0.5	E 0.05	7	25	79	23	13	0.75	5
8764	1 1 48	64.9821	26.4464	2.0	E 0.80	E 0.5	E 0.05	7	30	75	22	10	0.70	5
8765	1 1 49	64.9808	26.4766	E 0.5	E 0.60	E 0.5	E 0.05	5	28	24	25	9	0.95	5
8766	1 1 50	64.9796	26.5067	E 0.5	E 0.70	E 0.5	E 0.05	5	E 10	22	19	7	0.69	5
8767	1 1 51	64.9784	26.5368	3.0	E 0.60	1.0	E 0.05	5	25	23	28	8	0.85	5
8768	1 1 52	64.9771	26.5670	3.0	E 0.90	1.0	E 0.05	8	42	37	34	10	1.14	5
8769	1 1 53	64.9759	26.5971	E 0.5	E 0.80	1.0	E 0.05	9	22	60	28	11	1.44	5
8770	1 1 54	64.9747	26.6273	3.0	E 0.60	E 0.5	E 0.05	9	25	73	23	10	1.27	5
8771	1 1 55	64.9734	26.6574	E 0.5	E 0.50	1.0	E 0.05	10	38	90	26	12	1.68	5
8772	1 1 56	64.9722	26.6875	E 0.5	E 0.50	1.0	E 0.05	12	40	84	21	14	2.26	5
8773	1 1 57	64.9710	26.7177	E 0.5	E 0.70	1.0	E 0.05	17	35	108	27	17	2.37	5
8774	1 1 58	64.9697	26.7478	4.0	E 0.90	1.0	E 0.05	17	30	74	29	16	2.38	5
8775	1 1 59	64.9685	26.7779	E 0.5	E 0.60	1.0	E 0.05	14	68	54	20	14	2.34	5
8776	1 1 60	64.9673	26.8081	2.0	E 0.25	1.0	E 0.05	19	30	55	9	18	2.69	5
8777	1 1 61	64.9660	26.8382	2.0	E 0.70	1.0	E 0.05	11	75	67	20	14	2.77	5
8778	1 1 62	64.9648	26.8684	E 0.5	E 0.25	1.0	E 0.05	18	35	46	43	16	1.79	5
8779	1 1 63	64.9636	26.8985	E 0.5	E 0.70	1.0	E 0.05	8	50	42	34	11	1.33	5
8780	1 1 64	64.9623	26.9286	1.0	E 0.50	1.0	E 0.05	10	E 10	79	43	9	1.00	5
8781	1 1 65	64.9611	26.9588	E 0.5	E 0.50	1.0	E 0.05	9	E 10	101	34	11	1.11	5
8782	1 1 66	64.9599	26.9889	4.0	E 0.25	1.0	E 0.05	8	E 10	48	28	9	0.72	5
8783	1 1 67	64.9586	27.0190	2.0	E 0.25	1.0	E 0.05	7	20	59	31	12	1.10	5
8784	1 1 68	64.9574	27.0492	2.0	E 0.60	E 0.5	E 0.05	7	E 10	58	29	11	0.93	5
8785	1 1 69	64.9562	27.0793	3.0	E 0.70	1.0	E 0.05	7	22	51	44	12	1.42	5
8786	1 1 70	64.9549	27.1095	E 0.5	E 0.25	1.0	E 0.05	10	30	58	32	13	1.25	5
8787	1 1 71	64.9537	27.1396	2.0	E 0.25	1.0	E 0.05	14	48	43	39	17	1.97	5
8788	1 1 72	64.9525	27.1697	E 0.5	E 0.50	1.0	E 0.05	6	35	31	40	8	0.70	5
8789	1 1 73	64.9512	27.1999	E 0.5	E 0.25	1.0	E 0.05	10	73	39	43	20	2.51	5
8790	1 1 74	64.9500	27.2300	E 0.5	E 0.25	1.0	E 0.05	7	35	29	9	2	1.10	5
8791	1 2 1	65.1420	25.0325	E 0.5	E 0.25	1.0	E 0.05	23	63	62	66	26	3.23	5
8792	1 2 2	65.1408	25.0626	2.0	E 0.25	1.0	E 0.05	28	40	69	24	27	2.59	5
8793	1 2 3	65.1395	25.0928	E 0.5	E 0.25	1.0	E 0.05	16	60	68	41	18	2.09	5
8794	1 2 4	65.1383	25.1229	3.0	E 0.25	1.0	E 0.05	15	58	72	52	23	2.02	5
8795	1 2 5	65.1370	25.1531	E 0.5	E 0.50	1.0	E 0.05	22	65	85	52	23	2.32	5
8796	1 2 6	65.1358	25.1832	E 0.5	E 0.50	1.0	E 0.05	28	120	73	36	25	2.64	5

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppm)	As(ppm)	Bi(ppm)	Cu(ppm)	F(ppm)	Zn(ppm)	Cr(ppm)	Ni(ppm)	Pb(X)	R. C.
8797	1 2 7	65.1345	25.2134	3.0	E 0.25	1.0	E 0.05	17	110	81	49	19	2.31	5
8798	1 2 8	65.1333	25.2435	E 0.5	E 0.25	1.0	E 0.05	21	53	88	9	23	2.37	5
8799	1 2 9	65.1320	25.2737	E 0.5	0.50	1.0	E 0.05	15	80	50	20	20	2.22	5
8800	1 2 10	65.1308	25.3038	2.0	0.50	1.0	E 0.05	12	100	39	30	17	1.85	5
8801	1 2 11	65.1295	25.3339	2.0	0.60	1.0	E 0.05	6	60	28	37	9	1.25	5
8802	1 2 12	65.1283	25.3641	E 0.5	0.50	1.0	E 0.05	8	100	26	34	11	1.11	5
8803	1 2 13	65.1270	25.3942	E 0.5	0.50	1.0	E 0.05	10	68	21	39	14	1.15	5
8804	1 2 14	65.1258	25.4244	E 0.5	0.60	1.0	E 0.05	7	52	22	32	9	1.08	5
8805	1 2 15	65.1245	25.4545	1.0	0.80	1.0	E 0.05	11	55	37	35	13	1.59	5
8806	1 2 16	65.1233	25.4847	E 0.5	0.50	1.0	E 0.05	15	50	44	29	14	1.60	5
8807	1 2 17	65.1221	25.5148	1.0	0.50	1.0	E 0.05	13	58	37	33	16	1.92	5
8808	1 2 18	65.1208	25.5449	E 0.5	0.60	1.0	E 0.05	16	55	44	43	18	2.30	5
8809	1 2 19	65.1196	25.5751	E 0.5	0.50	1.0	E 0.05	17	53	42	15	18	2.16	5
8810	1 2 20	65.1183	25.6052	E 0.5	E 0.25	2.0	E 0.05	18	40	49	28	23	2.73	5
8811	1 2 21	65.1171	25.6354	3.0	0.60	1.0	E 0.05	10	45	37	34	12	1.78	5
8812	1 2 22	65.1158	25.6655	5.0	0.70	1.0	E 0.05	7	110	33	32	13	1.90	5
8813	1 2 23	65.1146	25.6957	1.0	0.70	1.0	E 0.05	10	78	36	28	13	1.81	5
8814	1 2 24	65.1133	25.7258	E 0.5	0.60	1.0	E 0.05	16	63	33	32	14	1.70	5
8815	1 2 25	65.1121	25.7560	E 0.5	0.50	1.0	E 0.05	12	53	34	17	12	1.40	5
8816	1 2 26	65.1108	25.7861	E 0.5	E 0.25	1.0	E 0.05	6	53	22	27	8	1.10	5
8817	1 2 27	65.1095	25.8162	E 0.5	0.50	1.0	E 0.05	8	35	21	26	8	1.10	5
8818	1 2 28	65.1083	25.8464	E 0.5	E 0.25	1.0	E 0.05	7	32	22	30	8	1.00	5
8819	1 2 29	65.1071	25.8765	E 0.5	E 0.25	1.0	E 0.05	6	25	19	17	7	0.99	5
8820	1 2 30	65.1058	25.9067	2.0	0.60	1.0	E 0.05	7	32	20	9	1.10	5	
8821	1 2 31	65.1046	25.9368	E 0.5	0.50	E 0.5	E 0.05	7	25	20	19	7	0.91	5
8822	1 2 32	65.1034	25.9670	E 0.5	E 0.25	E 0.5	E 0.05	7	32	22	26	7	0.91	5
8823	1 2 33	65.1021	25.9971	4.0	E 0.25	E 0.5	E 0.05	8	25	19	27	8	1.04	5
8824	1 2 34	65.1009	26.0272	E 0.5	E 0.25	1.0	E 0.05	8	28	21	29	7	0.98	5
8825	1 2 35	65.0996	26.0574	E 0.5	E 0.25	1.0	E 0.05	8	20	24	27	7	1.05	5
8826	1 2 36	65.0984	26.0875	1.0	0.50	1.0	E 0.05	7	E 10	23	29	7	0.91	5
8827	1 2 37	65.0971	26.1177	E 0.5	E 0.25	1.0	E 0.05	9	E 10	26	25	8	1.15	5
8828	1 2 38	65.0959	26.1478	E 0.5	0.60	2.0	E 0.05	13	E 10	38	40	8	1.05	5
8829	1 2 39	65.0946	26.1780	E 0.5	E 0.25	1.0	E 0.05	8	E 10	24	27	9	1.19	5
8830	1 2 40	65.0934	26.2081	E 0.5	E 0.25	1.0	E 0.05	7	E 10	21	32	7	0.96	5
8831	1 2 41	65.0921	26.2383	5.0	E 0.25	1.0	E 0.05	6	E 10	19	39	8	0.94	5
8832	1 2 42	65.0909	26.2684	E 0.5	E 0.25	1.0	E 0.05	9	35	31	29	10	1.53	5
8833	1 2 43	65.0896	26.2985	E 0.5	0.50	1.0	E 0.05	8	E 10	23	38	8	1.11	5
8834	1 2 44	65.0884	26.3287	E 0.5	E 0.25	1.0	E 0.05	7	E 10	22	36	8	0.99	5
8835	1 2 45	65.0872	26.3588	2.0	E 0.25	1.0	E 0.05	8	E 10	21	26	8	1.01	5
8836	1 2 46	65.0859	26.3890	E 0.5	0.50	E 0.5	E 0.05	7	E 10	23	25	8	1.00	5
8837	1 2 47	65.0847	26.4191	E 0.5	E 0.25	E 0.5	E 0.05	13	E 10	40	28	10	1.17	5
8838	1 2 48	65.0834	26.4493	E 0.5	E 0.25	1.0	E 0.05	13	45	32	32	13	1.77	5
8839	1 2 49	65.0822	26.4794	E 0.5	0.50	1.0	E 0.05	9	28	57	29	10	1.00	5
8840	1 2 50	65.0809	26.5095	7.0	E 0.25	1.0	E 0.05	7	E 10	50	25	9	1.22	5
8841	1 2 51	65.0797	26.5397	E 0.5	E 0.25	1.0	E 0.05	14	60	51	26	8	2.08	5
8842	1 2 52	65.0784	26.5698	E 0.5	E 0.25	1.0	E 0.05	11	30	49	29	21	1.10	5
8843	1 2 53	65.0772	26.6000	1.0	E 0.25	1.0	E 0.05	11	45	42	34	10	1.19	5
8844	1 2 54	65.0759	26.6301	E 0.5	0.60	1.0	E 0.05	15	25	41	46	11	1.71	5
8845	1 2 55	65.0747	26.6603	4.0	E 0.25	1.0	E 0.05	15	38	157	27	14	1.56	5
8846	1 2 56	65.0734	26.6904	E 0.5	E 0.25	1.0	E 0.05	9	60	52	33	9	1.20	5
8847	1 2 57	65.0722	26.7206	2.0	E 0.25	1.0	E 0.05	9	40	35	31	10	1.26	5
8848	1 2 58	65.0709	26.7507	E 0.5	0.60	1.0	E 0.05	9	22	39	53	11	1.58	5
8849	1 2 59	65.0697	26.7808	1.0	0.70	1.0	E 0.05	16	42	44	62	19	1.94	5
8850	1 2 60	65.0685	26.8110	1.0	0.50	1.0	E 0.05	8	25	32	1	9	1.22	5
8851	1 2 61	65.0672	26.8411	E 0.5	0.60	1.0	E 0.05	10	22	35	24	9	1.25	5
8852	1 2 62	65.0660	26.8713	E 0.5	E 0.25	1.0	E 0.05	6	48	26	33	8	1.02	5
8853	1 2 63	65.0647	26.9014	1.0	0.60	1.0	E 0.05	7	32	25	33	8	0.97	5
8854	1 2 64	65.0635	26.9316	E 0.5	E 0.25	1.0	E 0.05	8	30	24	37	8	1.03	5
8855	1 2 65	65.0622	26.9617	2.0	0.60	1.0	E 0.05	7	28	26	36	8	0.92	5
8856	1 2 66	65.0610	26.9918	E 0.5	E 0.25	1.0	E 0.05	7	E 10	22	24	8	0.86	5
8857	1 2 67	65.0597	27.0220	E 0.5	E 0.25	1.0	E 0.05	7	E 10	18	28	8	0.75	5
8858	1 2 68	65.0585	27.0521	2.0	E 0.25	1.0	E 0.05	6	E 10	17	24	7	0.84	5
8859	1 2 69	65.0572	27.0823	2.0	0.50	1.0	E 0.05	6	E 10	21	13	11	0.77	5
8860	1 2 70	65.0560	27.1124	E 0.5	E 0.25	1.0	E 0.05	9	E 10	21	31	9	1.09	5
8861	1 2 71	65.0547	27.1426	E 0.5	E 0.25	1.0	E 0.05	6	E 10	20	26	7	0.74	5
8862	1 2 72	65.0535	27.1727	1.0	0.60	1.0	E 0.05	6	22	20	28	8	0.89	5
8863	1 2 73	65.0522	27.2029	E 0.5	0.60	1.0	E 0.05	10	20	38	29	8	0.95	5
8864	1 2 74	65.0510	27.2330	5.0	0.50	1.0	E 0.05	7	20	19	24	8	0.69	5
8865	1 3 1	65.2440	25.0350	5.0	0.70	1.0	E 0.05	16	45	48	41	20	2.67	5
8866	1 3 2	65.2427	25.0652	E 0.5	0.50	2.0	E 0.05	16	30	51	57	19	2.49	5
8867	1 3 3	65.2415	25.0953	E 0.5	E 0.25	2.0	E 0.05	19	38	57	25	21	2.13	5
8868	1 3 4	65.2402	25.1255	E 0.5	0.50	1.0	E 0.05	18	30	54	8	17	2.08	5
8869	1 3 5	65.2390	25.1556	E 0.5	0.60	2.0	E 0.05	16	38	45	28	17	1.68	5
8870	1 3 6	65.2377	25.1858	E 0.5	0.60	1.0	E 0.05	12	53	34	25	15	1.74	5
8871	1 3 7	65.2364	25.2159	E 0.5	0.50	1.0	E 0.05	15	70	47	40	16	1.61	5
8872	1 3 8	65.2352	25.2461	E 0.5	0.70	1.0	E 0.05	25	45	82	32	35	2.04	5
8873	1 3 9	65.2339	25.2762	E 0.5	0.70	1.0	E 0.05	18	50	40	35	14	1.64	5
8874	1 3 10	65.2327	25.3064	E 0.5	0.70	1.0	E 0.05	13	58	38	35	15	1.72	5
8875	1 3 11	65.2314	25.3365	E 0.5	0.60	1.0	E 0.05	10	45	29	30	11	1.53	5
8876	1 3 12	65.2301	25.3667	E 0.5	0.70	1.0	E 0.05	10	28	23	18	10	1.14	5

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppm)	As(ppm)	Bi(ppm)	Cu(ppm)	P(ppm)	Zn(ppm)	Cr(ppm)	Ni(ppm)	Fe(%)	R. C.
9117	1 7 29	65.6152	25.8900	3.0	0.60	E 0.5	E 0.05	13	38	41	14	18	2.32	5
9118	1 7 30	65.6139	25.9202	E 0.5	0.50	E 0.5	E 0.05	19	22	39	43	21	2.43	5
9119	1 7 31	65.6125	25.9503	1.0	0.50	E 0.5	E 0.05	19	25	74	50	24	2.23	5
9120	1 7 32	65.6112	25.9805	E 0.5	0.90	E 0.5	E 0.05	14	22	58	53	17	2.56	5
9121	1 7 33	65.6099	26.0107	2.0	0.70	5.0	E 0.05	15	28	48	60	17	2.35	5
9122	1 7 34	65.6086	26.0409	E 0.5	1.00	5.0	E 0.05	11	20	49	57	32	2.39	5
9123	1 7 35	65.6073	26.0711	1.0	0.60	E 0.5	E 0.05	14	22	44	43	16	2.01	5
9124	1 7 36	65.6060	26.1012	E 0.5	0.50	E 0.5	E 0.05	21	50	54	41	23	2.77	5
9125	1 7 37	65.6047	26.1314	2.0	0.50	E 0.5	E 0.05	18	42	50	39	60	2.79	5
9126	1 7 38	65.5902	26.4634	2.0	0.50	5.0	E 0.05	27	30	53	37	38	3.08	5
9127	1 7 39	65.5889	26.4935	1.0	E 0.25	5.0	E 0.05	25	45	48	59	23	2.82	5
9128	1 7 40	65.5876	26.5237	2.0	E 0.25	E 0.5	E 0.05	28	38	63	48	25	2.89	5
9129	1 7 41	65.5862	26.5539	4.0	0.50	E 0.5	E 0.05	23	48	46	51	22	2.94	5
9130	1 7 42	65.5849	26.5841	E 0.5	0.50	E 0.5	E 0.05	16	38	39	66	18	2.46	5
9131	1 7 43	65.5836	26.6143	2.0	E 0.25	E 0.5	E 0.05	20	50	39	57	20	2.24	5
9132	1 7 44	65.5823	26.6444	E 0.5	E 0.25	E 0.5	E 0.05	16	88	52	48	16	2.07	5
9133	1 7 45	65.5810	26.6746	E 0.5	E 0.25	E 0.5	E 0.05	9	48	22	39	12	1.36	5
9134	1 7 46	65.5797	26.7048	E 0.5	E 0.25	E 0.5	E 0.05	9	28	28	28	11	1.07	5
9135	1 7 47	65.5784	26.7350	E 0.5	E 0.25	E 0.5	E 0.05	7	25	17	23	10	0.86	5
9136	1 7 48	65.5770	26.7652	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	20	41	9	0.92	5
9137	1 7 49	65.5757	26.7953	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	26	62	10	1.09	5
9138	1 7 50	65.5744	26.8255	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	32	19	12	1.40	5
9139	1 7 51	65.5731	26.8557	E 0.5	E 0.25	E 0.5	E 0.05	12	E 10	37	16	13	1.43	5
9140	1 7 52	65.5718	26.8859	E 0.5	E 0.25	E 0.5	E 0.05	23	50	69	49	17	2.03	5
9141	1 7 53	65.5705	26.9160	E 0.5	0.50	E 0.5	E 0.05	16	28	48	21	15	1.65	5
9142	1 7 54	65.5692	26.9462	1.0	E 0.25	E 0.5	E 0.05	9	22	25	25	13	1.47	5
9143	1 7 55	65.5678	26.9764	E 0.5	0.50	E 0.5	E 0.05	7	E 10	25	38	11	1.38	5
9144	1 7 56	65.5665	27.0066	E 0.5	E 0.25	E 0.5	E 0.05	6	28	23	27	11	1.05	5
9145	1 7 57	65.5652	27.0368	E 0.5	E 0.25	E 0.5	E 0.05	6	22	23	27	10	0.87	5
9146	1 7 58	65.5639	27.0669	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	27	42	12	1.06	5
9147	1 7 59	65.5626	27.0971	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	19	37	10	0.85	5
9148	1 7 60	65.5613	27.1273	2.0	E 0.25	E 0.5	E 0.05	7	25	24	42	11	0.99	4
9149	1 7 61	65.5599	27.1575	1.0	E 0.25	E 0.5	E 0.05	6	E 10	20	32	11	1.03	4
9150	1 7 62	65.5586	27.1878	E 0.5	E 0.25	E 0.5	E 0.05	14	E 10	31	69	23	2.53	4
9151	1 7 63	65.5573	27.2178	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	36	55	15	2.21	4
9152	1 7 64	65.5560	27.2480	E 0.5	0.50	E 0.5	E 0.05	10	E 10	44	32	13	2.43	4
9153	1 8 1	65.7540	25.0475	2.0	E 0.25	E 0.5	E 0.05	19	E 10	58	57	37	6.14	5
9154	1 8 2	65.7527	25.0777	E 0.5	E 0.25	E 0.5	E 0.05	16	E 10	36	53	25	2.77	5
9155	1 8 3	65.7513	25.1079	E 0.5	E 0.25	E 0.5	E 0.05	28	E 10	51	1	32	3.30	5
9156	1 8 4	65.7500	25.1381	E 0.5	E 0.25	E 0.5	E 0.05	28	E 10	45	4	33	3.09	5
9157	1 8 5	65.7487	25.1682	2.0	E 0.25	E 0.5	E 0.05	36	35	65	99	67	5.99	5
9158	1 8 6	65.7474	25.1984	2.0	E 0.25	E 0.5	E 0.05	32	20	73	22	62	7.33	5
9159	1 8 7	65.7460	25.2286	E 0.5	0.50	E 0.5	E 0.05	33	48	76	1	61	8.14	5
9160	1 8 8	65.7447	25.2588	E 0.5	E 0.25	E 0.5	E 0.05	28	88	74	21	45	7.56	5
9161	1 8 9	65.7434	25.2890	E 0.5	0.70	E 0.5	E 0.05	22	52	76	96	36	7.99	5
9162	1 8 10	65.7420	25.3192	2.0	E 0.25	E 0.5	E 0.05	18	28	33	44	23	2.51	5
9163	1 8 11	65.7407	25.3493	5.0	0.50	E 0.5	E 0.05	28	48	44	45	23	2.82	5
9164	1 8 12	65.7394	25.3795	E 0.5	0.50	E 0.5	E 0.05	10	45	33	49	17	2.09	5
9165	1 8 13	65.7381	25.4097	2.0	0.60	E 0.5	E 0.05	11	32	38	40	17	2.07	5
9166	1 8 14	65.7367	25.4399	2.0	0.50	E 0.5	E 0.05	16	22	40	77	27	3.32	5
9167	1 8 15	65.7354	25.4701	E 0.5	E 0.25	E 0.5	E 0.05	16	20	61	128	38	4.24	5
9168	1 8 16	65.7341	25.5003	1.0	E 0.25	1.0	E 0.05	14	E 10	35	69	36	2.44	5
9169	1 8 17	65.7327	25.5305	3.0	0.50	1.0	E 0.05	10	20	43	37	26	1.54	5
9170	1 8 18	65.7314	25.5606	E 0.5	0.50	E 0.5	E 0.05	26	40	78	110	5.25	5	
9171	1 8 19	65.7301	25.5908	E 0.5	E 0.25	E 0.5	E 0.05	13	E 10	37	57	33	2.60	5
9172	1 8 20	65.7288	25.6210	E 0.5	E 0.25	E 0.5	E 0.05	9	E 10	20	48	19	1.24	5
9173	1 8 21	65.7274	25.6512	E 0.5	E 0.25	E 0.5	E 0.05	13	20	33	38	21	1.67	5
9174	1 8 22	65.7261	25.6814	4.0	E 0.25	E 0.5	E 0.05	16	E 10	39	21	22	1.80	5
9175	1 8 23	65.7248	25.7116	4.0	E 0.25	E 0.5	E 0.05	14	E 10	29	34	18	1.52	5
9176	1 8 24	65.7234	25.7418	2.0	E 0.25	E 0.5	E 0.05	12	E 10	27	34	17	1.57	5
9177	1 8 25	65.7221	25.7719	3.0	E 0.25	E 0.5	E 0.05	16	E 10	50	50	22	2.17	5
9178	1 8 26	65.7208	25.8021	3.0	E 0.25	E 0.5	E 0.05	15	22	40	59	23	2.42	5
9179	1 8 27	65.7195	25.8323	E 0.5	E 0.25	E 0.5	E 0.05	18	E 10	52	1	21	2.20	5
9180	1 8 28	65.7181	25.8625	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	30	32	14	1.79	5
9181	1 8 29	65.7168	25.8927	E 0.5	E 0.25	E 0.5	E 0.05	19	E 10	50	53	21	2.55	5
9182	1 8 30	65.7155	25.9229	E 0.5	0.60	E 0.5	E 0.05	9	E 10	31	47	13	1.57	5
9183	1 8 31	65.7141	25.9530	5.0	0.50	E 0.5	E 0.05	8	E 10	30	37	11	1.44	5
9184	1 8 32	65.7128	25.9832	E 0.5	0.50	E 0.5	E 0.05	21	22	58	38	19	2.46	5
9185	1 8 33	65.7115	26.0134	E 0.5	0.80	E 0.5	E 0.05	14	63	62	34	17	3.60	5
9186	1 8 34	65.7102	26.0436	E 0.5	0.60	E 0.5	E 0.05	10	42	36	34	13	1.98	5
9187	1 8 35	65.7088	26.0738	E 0.5	1.40	E 0.5	E 0.05	9	42	43	47	10	2.70	5
9188	1 8 36	65.7075	26.1040	1.0	0.80	E 0.5	E 0.05	10	88	34	45	12	2.49	5
9189	1 8 37	65.7062	26.1342	E 0.5	0.50	E 0.5	E 0.05	15	58	39	29	15	2.61	4
9190	1 8 38	65.7048	26.1643	E 0.5	E 0.25	E 0.5	E 0.05	24	38	44	17	22	3.01	4
9191	1 8 39	65.7035	26.1945	E 0.5	E 0.25	E 0.5	E 0.05	26	80	54	33	28	3.36	4
9192	1 8 40	65.7022	26.2247	E 0.5	E 0.25	E 0.5	E 0.05	20	55	45	6	24	2.78	4
9193	1 8 41	65.7008	26.2549	E 0.5	E 0.25	E 0.5	E 0.05	22	60	36	17	20	2.71	4
9194	1 8 42	65.6995	26.2851	E 0.5	E 0.25	E 0.5	E 0.05	23	95	40	25	19	2.50	4
9195	1 8 43	65.6982	26.3153	E 0.5	E 0.25	E 0.5	E 0.05	25	78	44	16	23	2.69	4
9196	1 8 44	65.6969	26.3455	E 0.5	E 0.25	E 0.5	E 0.05	22	52	44	24	18	2.74	4

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppm)	As(ppm)	Bi(ppa)	Cu(ppm)	F(ppm)	Zn(ppm)	Cr(ppm)	Ni(ppm)	Fe(X)	R. C.
9197	I 8 45	65.6955	26.3755	E 0.5	E 0.25	E 0.5	E 0.05	20	68	47	22	18	2.54	4
9198	I 8 46	65.6942	26.4058	E 0.5	E 0.25	E 0.5	E 0.05	20	98	41	18	16	2.76	4
9199	I 8 47	65.6929	26.4360	1.0	E 0.25	E 0.5	E 0.05	22	42	44	33	17	2.65	4
9200	I 8 48	65.6915	26.4662	E 0.5	E 0.50	E 0.5	E 0.05	24	42	44	8	19	2.51	4
9201	I 8 49	65.6902	26.4964	E 0.5	E 0.50	E 0.5	E 0.05	16	40	34	14	14	1.75	4
9202	I 8 50	65.6889	26.5266	4.0	E 0.25	E 0.5	E 0.05	16	25	26	21	13	1.70	4
9203	I 8 51	65.6876	26.5567	E 0.5	E 0.25	E 0.5	E 0.05	18	38	40	40	14	1.73	5
9204	I 8 52	65.6862	26.5869	1.0	E 0.25	E 0.5	E 0.05	16	35	31	30	16	1.90	5
9205	I 8 53	65.6849	26.6171	E 0.5	E 0.25	E 0.5	E 0.05	10	35	25	37	11	1.43	5
9206	I 8 54	65.6836	26.6473	1.0	E 0.25	E 0.5	E 0.05	9	28	20	36	12	1.43	5
9207	I 8 55	65.6822	26.6775	E 0.5	E 0.25	E 0.5	E 0.05	8	40	19	34	12	1.32	5
9208	I 8 56	65.6809	26.7077	E 0.5	E 0.25	E 0.5	E 0.05	9	55	18	34	11	1.09	5
9209	I 8 57	65.6796	26.7379	5.0	E 0.25	E 0.5	E 0.05	8	28	19	25	10	1.07	5
9210	I 8 58	65.6783	26.7680	2.0	E 0.25	E 0.5	E 0.05	7	25	13	35	9	0.85	5
9211	I 8 59	65.6769	26.7982	8.0	E 0.25	E 0.5	E 0.05	7	E 10	12	26	9	0.82	5
9212	I 8 60	65.6756	26.8284	2.0	E 0.25	E 0.5	E 0.05	6	E 10	13	28	9	0.94	5
9213	I 8 61	65.6743	26.8586	5.0	E 0.25	E 0.5	E 0.05	6	E 10	16	31	9	1.02	5
9214	I 8 62	65.6729	26.8888	4.0	E 0.25	E 0.5	E 0.05	8	28	20	27	10	1.23	5
9215	I 8 63	65.6716	26.9190	2.0	E 0.25	E 0.5	E 0.05	8	E 10	19	45	9	1.06	5
9216	I 8 64	65.6703	26.9492	5.0	E 0.25	E 0.5	E 0.05	7	E 10	17	31	9	1.10	5
9217	I 8 65	65.6690	26.9793	3.0	E 0.25	E 0.5	E 0.05	7	E 10	16	31	10	0.99	5
9218	I 8 66	65.6676	27.0095	2.0	E 0.25	E 0.5	E 0.05	7	E 10	15	28	11	1.00	5
9219	I 8 67	65.6663	27.0397	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	17	48	14	1.34	5
9220	I 8 68	65.6650	27.0699	E 0.5	E 0.25	E 0.5	E 0.05	14	E 10	24	58	19	2.15	4
9221	I 8 69	65.6636	27.1001	E 0.5	E 0.25	E 0.5	E 0.05	26	22	45	109	43	4.06	4
9222	I 8 70	65.6623	27.1303	E 0.5	E 0.25	E 0.5	E 0.05	15	E 10	25	52	21	1.92	4
9223	I 8 71	65.6610	27.1604	E 0.5	E 0.25	E 0.5	E 0.05	11	20	34	52	18	1.45	4
9224	I 8 72	65.6597	27.1906	E 0.5	E 0.25	E 0.5	E 0.05	7	28	30	23	10	1.48	4
9225	I 8 73	65.6583	27.2208	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	23	23	11	1.35	4
9226	I 8 74	65.6570	27.2510	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	32	33	11	1.57	4
9227	I 9 1	65.8560	25.0500	3.0	E 0.25	E 0.5	E 0.05	20	E 10	53	72	23	5.76	5
9228	I 9 2	65.8547	25.0802	3.0	E 0.25	E 0.5	E 0.05	27	E 10	73	1	30	5.23	5
9229	I 9 3	65.8533	25.1104	E 0.5	E 0.25	E 0.5	E 0.05	33	E 10	73	26	35	4.53	5
9230	I 9 4	65.8520	25.1406	E 0.5	E 0.25	E 0.5	E 0.05	35	20	70	33	35	4.52	5
9231	I 9 5	65.8506	25.1708	E 0.5	E 0.25	E 0.5	E 0.05	32	22	78	30	38	5.00	5
9232	I 9 6	65.8493	25.2010	E 0.5	E 0.25	E 0.5	E 0.05	28	20	66	1	32	4.82	5
9233	I 9 7	65.8479	25.2312	E 0.5	E 0.25	E 0.5	E 0.05	30	48	77	52	46	5.23	5
9234	I 9 8	65.8466	25.2613	E 0.5	E 0.25	E 0.5	E 0.05	28	73	61	26	27	4.46	5
9235	I 9 9	65.8453	25.2915	2.0	E 0.25	E 0.5	E 0.05	37	42	63	42	47	5.17	5
9236	I 9 10	65.8439	25.3217	2.0	E 0.25	E 0.5	E 0.05	34	38	61	28	44	5.05	5
9237	I 9 11	65.8426	25.3519	1.0	0.50	E 0.5	E 0.05	33	83	83	29	49	6.58	5
9238	I 9 12	65.8412	25.3821	E 0.5	E 0.25	E 0.5	E 0.05	24	55	54	39	35	4.77	5
9239	I 9 13	65.8399	25.4123	1.0	1.70	E 0.5	E 0.05	18	53	63	117	38	3.68	5
9240	I 9 14	65.8385	25.4425	E 0.5	E 0.25	E 0.5	E 0.05	26	60	63	248	73	4.37	5
9241	I 9 15	65.8372	25.4727	4.0	E 0.25	E 0.5	E 0.05	26	42	60	291	106	4.03	5
9242	I 9 16	65.8359	25.5029	1.0	0.60	E 0.5	E 0.05	29	38	64	334	125	4.53	5
9243	I 9 17	65.8345	25.5331	E 0.5	0.50	E 0.5	E 0.05	28	30	63	82	44	2.82	5
9244	I 9 18	65.8332	25.5633	E 0.5	0.70	E 0.5	E 0.05	12	25	52	76	22	2.73	5
9245	I 9 19	65.8318	25.5935	E 0.5	0.80	E 0.5	E 0.05	9	30	35	41	14	1.72	5
9246	I 9 20	65.8305	25.6236	E 0.5	0.50	E 0.5	E 0.05	14	53	43	26	15	1.83	5
9247	I 9 28	65.8198	25.8652	E 0.5	0.70	2.0	E 0.05	19	38	59	63	21	2.97	5
9248	I 9 29	65.8184	25.8954	E 0.5	0.50	1.0	E 0.05	16	30	48	47	18	2.19	5
9249	I 9 30	65.8171	25.9256	E 0.5	E 0.25	1.0	E 0.05	20	38	50	58	23	2.66	5
9250	I 9 31	65.8157	25.9558	6.0	E 0.25	E 0.5	E 0.05	11	28	28	48	16	1.25	4
9251	I 9 32	65.8144	25.9859	E 0.5	0.50	E 0.5	E 0.05	13	38	50	52	17	2.09	4
9252	I 9 33	65.8130	26.0161	2.0	0.80	E 0.5	E 0.05	12	25	49	40	13	1.78	4
9253	I 9 34	65.8117	26.0463	2.0	E 0.25	E 0.5	E 0.05	8	E 10	18	27	9	0.95	4
9254	I 9 35	65.8104	26.0765	E 0.5	E 0.25	E 0.5	E 0.05	8	65	19	31	9	1.05	4
9255	I 9 36	65.8090	26.1067	4.0	1.50	E 0.5	E 0.05	9	42	23	45	10	1.26	4
9256	I 9 37	65.8077	26.1369	E 0.5	0.60	E 0.5	E 0.05	14	28	28	43	12	1.55	4
9257	I 9 38	65.8063	26.1671	E 0.5	0.70	E 0.5	E 0.05	8	22	19	35	9	1.30	4
9258	I 9 39	65.8050	26.1973	1.0	0.50	E 0.5	E 0.05	7	E 10	23	28	10	1.30	4
9259	I 9 40	65.8036	26.2275	E 0.5	0.90	E 0.5	E 0.05	11	22	32	41	13	1.96	4
9260	I 9 41	65.8023	26.2577	E 0.5	0.70	E 0.5	E 0.05	10	32	28	36	11	1.74	4
9261	I 9 42	65.8010	26.2879	E 0.5	0.90	E 0.5	E 0.05	8	28	35	42	11	2.14	4
9262	I 9 43	65.7996	26.3181	E 0.5	0.70	E 0.5	E 0.05	10	E 10	38	55	13	2.06	4
9263	I 9 44	65.7983	26.3482	2.0	0.90	E 0.5	E 0.05	8	E 10	64	68	12	5.42	4
9264	I 9 45	65.7969	26.3784	E 0.5	0.70	E 0.5	E 0.05	9	35	33	41	10	1.90	4
9265	I 9 46	65.7956	26.4086	2.0	0.50	E 0.5	E 0.05	12	E 10	26	45	10	1.73	4
9266	I 9 47	65.7942	26.4388	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	27	40	11	1.60	4
9267	I 9 48	65.7929	26.4690	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	30	29	13	1.65	4
9268	I 9 49	65.7916	26.4992	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	22	41	8	1.27	4
9269	I 9 50	65.7902	26.5294	3.0	0.50	E 0.5	E 0.05	14	E 10	24	22	10	1.82	4
9270	I 9 51	65.7889	26.5596	1.0	E 0.25	E 0.5	E 0.05	12	E 10	22	53	10	1.14	4
9271	I 9 52	65.7875	26.5898	2.0	0.60	E 0.5	E 0.05	11	E 10	18	34	9	0.99	4
9272	I 9 53	65.7862	26.6200	7.0	0.60	E 0.5	E 0.05	11	E 10	20	32	8	0.92	4
9273	I 9 54	65.7848	26.6502	3.0	E 0.25	E 0.5	E 0.05	11	E 10	18	33	10	0.98	4
9274	I 9 55	65.7835	26.6804	3.0	E 0.25	E 0.5	E 0.05	10	E 10	10	37	9	0.82	4
9275	I 9 56	65.7822	26.7105	3.0	E 0.25	E 0.5	E 0.05	13	E 10	24	36	10	1.22	4
9276	I 9 57	65.7808	26.7407	2.0	E 0.25	E 0.5	E 0.05	11	E 10	25	45	10	0.93	4

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppa)	As(ppn)	Bi(ppa)	Cu(ppa)	F(ppa)	Zn(ppa)	Cr(ppa)	Ni(ppa)	Fo(X)	R. C.
9598	1 14 51	66.2955	26.5738	1.0	E 0.25	E 0.5	E 0.05	14	28	60	31	17	3.03	4
9599	1 14 52	66.2940	26.6040	3.0	E 0.25	1.0	E 0.05	27	28	93	3	16	3.98	4
9600	1 14 53	66.2926	26.6343	3.0	0.60	E 0.5	E 0.05	17	30	73	5	15	3.31	4
9601	1 14 54	66.2912	26.6645	3.0	E 0.25	E 0.5	E 0.05	12	E 10	68	20	12	3.22	4
9602	1 14 55	66.2898	26.6947	E 0.5	E 0.25	E 0.5	E 0.05	11	E 10	61	34	12	2.70	4
9603	1 14 56	66.2884	26.7249	E 0.5	0.50	E 0.5	E 0.05	10	E 10	57	21	11	2.65	4
9604	1 14 57	66.2870	26.7552	3.0	E 0.25	E 0.5	E 0.05	10	E 10	50	22	13	2.14	4
9605	1 14 58	66.2856	26.7854	2.0	E 0.25	E 0.5	E 0.05	10	22	33	43	17	1.75	4
9606	1 14 59	66.2842	26.8156	1.0	E 0.25	E 0.5	E 0.05	3	E 10	35	62	16	1.61	4
9607	1 14 60	66.2828	26.8458	3.0	E 0.25	E 0.5	E 0.05	11	20	34	85	16	1.61	4
9608	1 14 61	66.2813	26.8761	2.0	E 0.25	E 0.5	E 0.05	8	E 10	36	53	13	1.48	4
9609	1 14 62	66.2799	26.9063	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	34	39	11	1.41	4
9610	1 14 63	66.2785	26.9365	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	33	58	9	1.39	4
9611	1 14 64	66.2771	26.9667	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	27	47	12	1.27	4
9612	1 14 65	66.2757	26.9970	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	31	40	11	1.57	4
9613	1 14 66	66.2743	27.0272	E 0.5	0.50	E 0.5	E 0.05	8	E 10	23	65	12	1.28	4
9614	1 14 67	66.2729	27.0574	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	20	41	11	1.26	4
9615	1 14 68	66.2715	27.0876	E 0.5	E 0.25	E 0.5	E 0.05	8	20	23	33	13	1.38	4
9616	1 14 70	66.2686	27.1481	E 0.5	0.60	E 0.5	E 0.05	8	E 10	30	51	13	1.65	4
9617	1 14 71	66.2672	27.1783	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	22	32	14	1.19	4
9618	1 14 72	66.2658	27.2085	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	23	19	16	1.44	5
9619	1 14 73	66.2644	27.2388	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	22	3	15	1.35	5
9620	1 14 74	66.2630	27.2690	1.0	E 0.25	E 0.5	E 0.05	5	E 10	19	1	9	0.86	5
9621	1 15 1	66.4680	25.0650	E 0.5	0.50	E 0.5	E 0.05	16	E 10	47	62	35	2.50	4
9622	1 15 2	66.4666	25.0952	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	27	40	34	1.33	4
9623	1 15 3	66.4652	25.1255	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	31	57	32	1.93	4
9624	1 15 4	66.4637	25.1557	2.0	E 0.25	E 0.5	E 0.05	7	E 10	22	29	23	1.24	4
9625	1 15 5	66.4623	25.1859	2.0	E 0.25	E 0.5	E 0.05	8	E 10	31	50	21	1.33	4
9626	1 15 6	66.4609	25.2162	E 0.5	E 0.25	1.0	E 0.05	9	E 10	35	21	15	1.25	4
9627	1 15 8	66.4580	25.2766	3.0	E 0.25	1.0	E 0.05	11	E 10	31	69	35	1.90	4
9628	1 15 9	66.4566	25.3069	E 0.5	E 0.25	1.0	E 0.05	17	E 10	47	114	51	2.80	4
9629	1 15 10	66.4552	25.3371	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	36	33	17	1.91	4
9630	1 15 11	66.4538	25.3673	E 0.5	E 0.25	E 0.5	E 0.05	9	42	37	56	15	1.87	4
9631	1 15 12	66.4523	25.3976	E 0.5	E 0.25	E 0.5	E 0.05	12	22	44	25	20	2.54	4
9632	1 15 13	66.4509	25.4278	1.0	0.50	E 0.5	E 0.05	10	E 10	51	42	16	2.75	4
9633	1 15 14	66.4495	25.4580	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	68	4	14	3.26	4
9634	1 15 15	66.4481	25.4883	3.0	0.60	E 0.5	E 0.05	13	E 10	70	41	14	3.36	4
9635	1 15 16	66.4466	25.5185	1.0	E 0.25	E 0.5	E 0.05	36	35	67	26	24	4.17	4
9636	1 15 17	66.4452	25.5487	3.0	E 0.25	E 0.5	E 0.05	28	E 10	51	55	27	3.63	4
9637	1 15 18	66.4438	25.5790	E 0.5	E 0.25	E 0.5	E 0.05	15	28	45	39	21	2.61	4
9638	1 15 19	66.4424	25.6092	E 0.5	E 0.25	E 0.5	E 0.05	18	E 10	43	39	28	2.62	4
9639	1 15 22	66.4381	25.6999	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	61	46	17	1.67	5
9640	1 15 23	66.4367	25.7301	E 0.5	E 0.25	E 0.5	E 0.05	7	70	45	17	10	1.61	5
9641	1 15 25	66.4338	25.7906	2.0	E 0.25	E 0.5	E 0.05	8	35	52	39	9	1.84	5
9642	1 15 26	66.4324	25.8208	4.0	E 0.25	E 0.5	E 0.05	23	28	65	54	17	2.86	5
9643	1 15 30	66.4267	25.9418	2.0	E 0.25	E 0.5	E 0.05	15	50	60	39	18	2.89	5
9644	1 15 31	66.4253	25.9720	E 0.5	E 0.25	1.0	E 0.05	10	48	41	28	13	1.91	5
9645	1 15 32	66.4238	26.0022	6.0	E 0.25	E 0.5	E 0.05	5	25	38	39	10	1.33	5
9646	1 15 33	66.4224	26.0325	4.0	E 0.25	E 0.5	E 0.05	8	28	52	31	8	1.95	5
9647	1 15 34	66.4210	26.0627	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	31	47	7	1.29	5
9648	1 15 35	66.4196	26.0929	1.0	E 0.25	1.0	E 0.05	8	E 10	42	35	16	1.93	5
9649	1 15 36	66.4181	26.1232	E 0.5	E 0.25	1.0	E 0.05	5	E 10	29	41	13	1.17	5
9650	1 15 37	66.4167	26.1534	1.0	E 0.25	1.0	E 0.05	5	E 10	30	48	22	1.24	5
9651	1 15 38	66.4153	26.1836	1.0	E 0.25	E 0.5	E 0.05	6	E 10	32	83	52	1.32	5
9652	1 15 39	66.4139	26.2138	E 0.5	0.50	E 0.5	E 0.05	6	35	34	141	102	1.18	5
9653	1 15 40	66.4124	26.2441	E 0.5	E 0.25	E 0.5	E 0.05	11	28	55	282	310	2.64	5
9654	1 15 41	66.4110	26.2743	E 0.5	E 0.25	1.0	E 0.05	13	E 10	62	152	287	3.87	5
9655	1 15 42	66.4096	26.3045	E 0.5	E 0.25	E 0.5	E 0.05	1	20	64	138	135	2.42	5
9656	1 15 43	66.4082	26.3348	E 0.5	0.90	E 0.5	E 0.05	13	E 10	64	69	114	3.39	5
9657	1 15 44	66.4067	26.3650	E 0.5	E 0.25	E 0.5	E 0.05	16	48	61	71	121	1.96	5
9658	1 15 45	66.4053	26.3952	3.0	0.50	E 0.5	E 0.05	10	42	54	58	50	1.83	5
9659	1 15 46	66.4039	26.4255	1.0	0.60	E 0.5	E 0.05	10	35	56	27	27	2.58	5
9660	1 15 47	66.4025	26.4557	E 0.5	E 0.25	E 0.5	E 0.05	10	28	43	44	36	1.64	4
9661	1 15 48	66.4010	26.4859	E 0.5	E 0.25	E 0.5	E 0.05	6	22	21	48	16	1.17	4
9662	1 15 49	66.3996	26.5162	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	30	52	8	1.27	4
9663	1 15 50	66.3982	26.5464	3.0	0.60	E 0.5	E 0.05	7	E 10	46	40	7	2.49	4
9664	1 15 51	66.3968	26.5766	E 0.5	E 0.25	E 0.5	E 0.05	5	E 10	36	36	5	2.04	4
9665	1 15 52	66.3953	26.6069	1.0	E 0.25	E 0.5	E 0.05	7	E 10	42	33	6	3.16	4
9666	1 15 53	66.3939	26.6371	E 0.5	0.90	E 0.5	E 0.05	8	30	50	47	7	3.73	4
9667	1 15 54	66.3925	26.6673	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	50	44	6	3.95	4
9668	1 15 55	66.3911	26.6976	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	40	27	5	2.42	4
9669	1 15 56	66.3896	26.7278	1.0	0.50	E 0.5	E 0.05	8	E 10	46	24	5	2.72	4
9670	1 15 57	66.3882	26.7580	4.0	E 0.25	E 0.5	E 0.05	5	E 10	36	81	5	2.58	4
9671	1 15 58	66.3868	26.7883	4.0	E 0.25	E 0.5	E 0.05	5	E 10	22	118	7	1.64	4
9672	1 15 59	66.3854	26.8185	3.0	E 0.25	E 0.5	E 0.05	8	E 10	26	66	8	1.73	4
9673	1 15 60	66.3839	26.8487	5.0	E 0.25	E 0.5	E 0.05	7	E 10	25	21	8	1.61	4
9674	1 15 61	66.3825	26.8790	4.0	E 0.25	E 0.5	E 0.05	8	E 10	27	79	10	1.85	4
9675	1 15 62	66.3811	26.9092	E 0.5	E 0.25	E 0.5	E 0.05	5	E 10	29	127	5	1.81	4
9676	1 15 63	66.3797	26.9394	E 0.5	E 0.25	E 0.5	E 0.05	5	E 10	23	61	6	1.32	4
9677	1 15 64	66.3782	26.9697	2.0	E 0.25	E 0.5	E 0.05	7	E 10	29	48	8	1.64	4

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppm)	As(ppm)	Bi(ppm)	Cu(ppm)	F(ppm)	Zn(ppm)	Cr(ppm)	Mn(ppm)	Pb(X)	R. C.
9678	I 15 65	66.3768	26.9999	E 0.5	E 0.25	E 0.5	E 0.05	9	E 10	28	58	10	1.10	4
9679	I 15 66	66.3754	27.0301	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	25	60	8	1.26	4
9680	I 15 67	66.3740	27.0604	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	17	61	8	1.14	4
9681	I 15 68	66.3725	27.0906	1.0	E 0.25	E 0.5	E 0.05	7	E 10	19	56	7	1.21	5
9682	I 15 69	66.3711	27.1208	1.0	E 0.25	E 0.5	E 0.05	8	E 10	25	45	10	1.64	5
9683	I 15 70	66.3697	27.1511	1.0	E 0.25	E 0.5	E 0.05	7	E 10	43	41	12	2.83	5
9684	I 15 71	66.3683	27.1813	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	26	41	11	1.92	5
9685	I 15 73	66.3654	27.2418	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	26	28	6	1.73	5
9686	I 15 74	66.3640	27.2720	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	20	27	5	1.51	5
9687	I 16 1	66.5700	25.0675	1.0	E 0.25	E 0.5	E 0.05	4	E 10	40	36	10	2.53	4
9688	I 16 2	66.5686	25.0977	E 0.5	E 0.25	E 0.5	E 0.05	5	E 10	36	31	8	1.96	4
9689	I 16 3	66.5671	25.1280	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	23	36	7	1.86	4
9690	I 16 4	66.5657	25.1582	1.0	E 0.25	E 0.5	E 0.05	8	E 10	21	22	7	1.54	4
9691	I 16 5	66.5642	25.1885	E 0.5	E 0.25	E 0.5	E 0.05	3	E 10	15	34	4	1.03	4
9692	I 16 6	66.5628	25.2187	E 0.5	E 0.25	E 0.5	E 0.05	4	E 10	14	25	3	1.16	4
9693	I 16 7	66.5614	25.2489	2.0	E 0.25	E 0.5	E 0.05	5	E 10	16	19	4	1.22	4
9694	I 16 8	66.5599	25.2792	1.0	E 0.25	E 0.5	E 0.05	5	E 10	26	10	3	1.99	4
9695	I 16 9	66.5585	25.3094	E 0.5	E 0.25	E 0.5	E 0.05	12	E 10	50	80	6	3.04	4
9696	I 16 10	66.5571	25.3397	E 0.5	E 0.25	E 0.5	E 0.05	9	E 10	51	22	5	3.32	4
9697	I 16 11	66.5556	25.3699	2.0	0.50	E 0.5	E 0.05	9	E 10	51	4	5	3.13	4
9698	I 16 12	66.5542	25.4001	1.0	E 0.25	E 0.5	E 0.05	13	E 10	64	1	7	3.85	4
9699	I 16 13	66.5527	25.4304	E 0.5	0.50	E 0.5	E 0.05	8	E 10	53	9	7	2.94	4
9700	I 16 14	66.5513	25.4606	E 0.5	0.70	E 0.5	E 0.05	15	E 10	88	34	9	4.67	4
9701	I 16 15	66.5499	25.4909	E 0.5	E 0.25	E 0.5	E 0.05	23	E 10	49	25	10	2.91	4
9702	I 16 16	66.5484	25.5211	E 0.5	E 0.25	E 0.5	E 0.05	14	E 10	37	37	9	2.16	4
9703	I 16 17	66.5470	25.5513	E 0.5	E 0.25	E 0.5	E 0.05	11	30	30	1	7	1.91	4
9704	I 16 18	66.5455	25.5816	E 0.5	E 0.25	E 0.5	E 0.05	5	58	21	12	4	1.20	4
9705	I 16 19	66.5441	25.6118	E 0.5	E 0.25	E 0.5	E 0.05	6	30	21	4	5	1.13	4
9706	I 16 20	66.5427	25.6421	E 0.5	E 0.25	E 0.5	E 0.05	3	E 10	31	28	4	1.44	4
9707	I 16 21	66.5412	25.6723	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	24	1	4	1.25	4
9708	I 16 22	66.5398	25.7025	E 0.5	E 0.25	1.0	E 0.05	6	25	26	19	6	1.32	4
9709	I 16 23	66.5384	25.7328	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	39	33	10	1.06	4
9710	I 16 24	66.5369	25.7630	2.0	E 0.25	1.0	E 0.05	7	E 10	21	37	9	1.17	4
9711	I 16 25	66.5355	25.7933	E 0.5	E 0.25	E 0.5	E 0.05	13	E 10	37	1	32	2.29	4
9712	I 16 26	66.5340	25.8235	2.0	E 0.25	E 0.5	E 0.05	12	32	38	21	12	2.86	4
9713	I 16 27	66.5326	25.8537	E 0.5	0.50	E 0.5	E 0.05	8	25	49	48	8	3.52	4
9714	I 16 28	66.5312	25.8840	1.0	0.50	E 0.5	E 0.05	11	E 10	53	46	10	3.88	4
9715	I 16 29	66.5297	25.9142	E 0.5	0.70	E 0.5	E 0.05	8	28	34	25	6	2.82	4
9716	I 16 30	66.5283	25.9445	2.0	E 0.25	E 0.5	E 0.05	10	22	53	32	9	3.26	4
9717	I 16 31	66.5268	25.9747	1.0	E 0.25	E 0.5	E 0.05	7	28	30	35	7	2.10	5
9718	I 16 32	66.5254	26.0049	3.0	E 0.25	E 0.5	E 0.05	5	32	22	23	6	1.64	5
9719	I 16 33	66.5240	26.0352	E 0.5	E 0.25	E 0.5	E 0.05	5	E 10	17	11	5	0.97	5
9720	I 16 34	66.5225	26.0654	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	21	22	6	1.23	5
9721	I 16 35	66.5211	26.0957	2.0	E 0.25	E 0.5	E 0.05	4	E 10	19	15	7	1.16	5
9722	I 16 36	66.5197	26.1259	E 0.5	E 0.25	1.0	E 0.05	8	32	40	39	22	2.22	5
9723	I 16 37	66.5182	26.1561	E 0.5	E 0.25	2.0	E 0.05	8	E 10	35	16	29	1.83	5
9724	I 16 38	66.5168	26.1864	E 0.5	E 0.25	1.0	E 0.05	6	E 10	23	65	35	1.72	5
9725	I 16 39	66.5153	26.2166	E 0.5	E 0.25	1.0	E 0.05	6	E 10	27	47	107	1.53	5
9726	I 16 40	66.5139	26.2468	E 0.5	E 0.25	1.0	E 0.05	9	E 10	33	27	238	2.41	5
9727	I 16 41	66.5125	26.2771	E 0.5	E 0.25	2.0	E 0.05	8	25	35	8	179	2.47	5
9728	I 16 42	66.5110	26.3073	E 0.5	E 0.25	E 0.5	E 0.05	9	20	30	5	58	2.19	5
9729	I 16 43	66.5096	26.3376	1.0	0.50	1.0	E 0.05	10	20	33	34	27	1.83	5
9730	I 16 44	66.5082	26.3678	2.0	0.50	1.0	E 0.05	13	25	41	39	20	3.56	5
9731	I 16 45	66.5067	26.3980	2.0	0.50	E 0.5	E 0.05	12	20	48	5	16	3.82	5
9732	I 16 46	66.5053	26.4283	1.0	E 0.25	1.0	E 0.05	10	E 10	54	22	13	4.02	5
9733	I 16 47	66.5038	26.4585	1.0	0.50	1.0	E 0.05	10	E 10	49	21	11	3.64	5
9734	I 16 48	66.5024	26.4888	1.0	0.60	E 0.5	E 0.05	9	E 10	52	38	14	3.91	5
9735	I 16 49	66.5010	26.5190	E 0.5	0.50	E 0.5	E 0.05	11	E 10	47	37	23	1.93	5
9736	I 16 50	66.4995	26.5492	2.0	0.50	E 0.5	E 0.05	9	35	49	28	21	1.84	5
9737	I 16 51	66.4981	26.5795	E 0.5	0.60	1.0	E 0.05	10	E 10	48	11	22	1.44	5
9738	I 16 52	66.4966	26.6097	1.0	E 0.25	E 0.5	E 0.05	10	E 10	49	10	22	1.51	5
9739	I 16 53	66.4952	26.6400	E 0.5	E 0.25	1.0	E 0.05	15	E 10	45	16	53	1.36	5
9740	I 16 54	66.4938	26.6702	E 0.5	E 0.25	E 0.5	E 0.05	9	E 10	26	37	17	0.92	5
9741	I 16 55	66.4923	26.7004	2.0	E 0.25	E 0.5	E 0.05	8	E 10	24	44	10	1.27	5
9742	I 16 56	66.4909	26.7307	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	23	49	10	1.40	5
9743	I 16 57	66.4895	26.7609	E 0.5	E 0.25	E 0.5	E 0.05	7	20	19	15	8	0.81	5
9744	I 16 58	66.4880	26.7912	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	20	50	8	1.07	5
9745	I 16 59	66.4866	26.8214	1.0	E 0.25	E 0.5	E 0.05	9	E 10	27	56	10	1.32	5
9746	I 16 60	66.4851	26.8516	E 0.5	E 0.25	E 0.5	E 0.05	7	32	26	59	11	1.74	5
9747	I 16 61	66.4837	26.8819	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	34	51	11	1.41	5
9748	I 16 62	66.4823	26.9121	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	30	70	20	1.32	5
9749	I 16 63	66.4808	26.9424	1.0	E 0.25	E 0.5	E 0.05	8	E 10	20	85	20	1.13	5
9750	I 16 64	66.4794	26.9726	E 0.5	0.50	E 0.5	E 0.05	8	E 10	30	72	10	1.51	5
9751	I 16 65	66.4779	27.0028	1.0	0.50	E 0.5	E 0.05	11	E 10	47	60	12	3.82	5
9752	I 16 66	66.4765	27.0331	E 0.5	0.50	E 0.5	E 0.05	8	E 10	43	72	12	3.67	5
9753	I 16 67	66.4751	27.0633	5.0	E 0.25	1.0	E 0.05	8	E 10	36	66	10	2.25	5
9754	I 16 68	66.4736	27.0936	3.0	0.50	1.0	E 0.05	8	E 10	36	48	11	2.10	5
9755	I 16 69	66.4722	27.1238	E 0.5	0.50	E 0.5	E 0.05	8	E 10	30	60	11	1.27	5
9756	I 16 70	66.4708	27.1540	E 0.5	E 0.25	E 0.5	E 0.05	11	E 10	39	54	20	1.52	5
9757	I 16 71	66.4693	27.1843	2.0	E 0.25	E 0.5	E 0.05	11	E 10	31	60	21	1.38	5

NO	SAMPLE NO	X	Y	Au(ppb)	Ag(ppm)	As(ppm)	Bi(ppm)	Cu(ppm)	F(ppm)	Zn(ppm)	Cr(ppm)	Ni(ppm)	Fe(X)	R. C.
9998	I 20 25	66.9422	25.8039	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	47	37	9	1.69	4
9999	I 20 26	66.9407	25.8342	E 0.5	0.50	E 0.5	E 0.05	15	E 10	62	35	9	2.08	4
10000	I 20 27	66.9392	25.8644	4.0	E 0.25	E 0.5	E 0.05	12	E 10	63	15	7	1.98	4
10001	I 20 28	66.9377	25.8947	E 0.5	0.70	E 0.5	E 0.05	15	E 10	69	50	7	2.21	4
10002	I 20 29	66.9362	25.9250	2.0	0.80	E 0.5	E 0.05	12	E 10	79	1	6	2.83	4
10003	I 20 30	66.9347	25.9552	2.0	0.80	E 0.5	E 0.05	15	E 10	71	17	8	2.83	4
10004	I 20 31	66.9332	25.9855	1.0	1.10	E 0.5	E 0.05	14	E 10	98	34	6	3.61	4
10005	I 20 32	66.9317	26.0158	E 0.5	1.20	E 0.5	E 0.05	11	E 10	70	33	5	3.16	4
10006	I 20 33	66.9302	26.0460	E 0.5	1.80	E 0.5	E 0.05	16	E 10	110	65	7	5.75	4
10007	I 20 34	66.9287	26.0763	E 0.5	0.60	E 0.5	E 0.05	17	E 10	58	59	10	3.43	4
10008	I 20 35	66.9272	26.1066	1.0	1.10	E 0.5	E 0.05	10	E 10	67	4	6	2.99	4
10009	I 20 36	66.9257	26.1368	E 0.5	1.40	E 0.5	E 0.05	11	E 10	79	30	5	3.34	4
10010	I 20 37	66.9242	26.1671	E 0.5	1.30	E 0.5	E 0.05	12	E 10	69	49	5	2.81	4
10011	I 20 38	66.9228	26.1974	E 0.5	0.70	E 0.5	E 0.05	12	E 10	42	31	9	2.43	4
10012	I 20 39	66.9213	26.2277	2.0	E 0.25	E 0.5	E 0.05	12	E 10	53	34	8	1.98	4
10013	I 20 40	66.9198	26.2579	3.0	E 0.25	E 0.5	E 0.05	11	E 10	37	73	20	1.83	4
10014	I 20 41	66.9183	26.2882	2.0	E 0.25	E 0.5	E 0.05	7	E 10	34	7	6	1.39	4
10015	I 20 42	66.9168	26.3185	2.0	0.60	E 0.5	E 0.05	7	E 10	43	59	6	2.15	4
10016	I 20 43	66.9153	26.3487	3.0	0.60	E 0.5	E 0.05	9	E 10	62	45	6	2.13	4
10017	I 20 44	66.9138	26.3790	4.0	E 0.25	E 0.5	E 0.05	9	E 10	49	15	6	1.70	4
10018	I 20 45	66.9123	26.4093	E 0.5	0.60	E 0.5	E 0.05	7	E 10	57	24	3	1.73	4
10019	I 20 46	66.9108	26.4395	1.0	0.50	E 0.5	E 0.05	8	E 10	41	30	3	1.60	4
10020	I 20 47	66.9093	26.4698	3.0	0.60	1.0	E 0.05	14	20	37	39	3	1.42	4
10021	I 20 48	66.9078	26.5001	E 0.5	E 0.25	E 0.5	E 0.05	6	E 10	46	5	3	1.36	4
10022	I 20 49	66.9063	26.5303	1.0	E 0.25	E 0.5	E 0.05	9	E 10	38	47	8	2.00	5
10023	I 20 50	66.9048	26.5606	1.0	E 0.25	E 0.5	E 0.05	8	E 10	33	57	5	1.26	5
10024	I 20 51	66.9033	26.5909	E 0.5	E 0.25	E 0.5	E 0.05	9	E 10	46	57	8	1.66	5
10025	I 20 52	66.9018	26.6211	2.0	E 0.25	E 0.5	E 0.05	6	E 10	29	54	9	1.41	5
10026	I 20 53	66.9004	26.6514	2.0	E 0.25	E 0.5	E 0.05	8	E 10	42	60	11	1.63	5
10027	I 20 54	66.8989	26.6817	4.0	E 0.25	E 0.5	E 0.05	7	E 10	27	100	6	1.21	5
10028	I 20 55	66.8974	26.7119	3.0	E 0.25	E 0.5	E 0.05	8	E 10	34	63	9	1.28	5
10029	I 20 56	66.8959	26.7422	2.0	E 0.25	E 0.5	E 0.05	8	E 10	24	54	11	1.29	5
10030	I 20 57	66.8944	26.7725	E 0.5	0.60	E 0.5	E 0.05	9	E 10	27	1	16	1.63	5
10031	I 20 58	66.8929	26.8027	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	28	3	16	1.60	5
10032	I 20 59	66.8914	26.8330	E 0.5	E 0.25	E 0.5	E 0.05	12	E 10	50	1	15	2.18	5
10033	I 20 60	66.8899	26.8633	E 0.5	0.60	E 0.5	E 0.05	14	E 10	66	1	18	2.80	5
10034	I 20 61	66.8884	26.8935	1.0	0.60	E 0.5	E 0.05	7	E 10	44	11	10	1.88	5
10035	I 20 62	66.8869	26.9238	E 0.5	0.70	E 0.5	E 0.05	10	E 10	46	44	14	3.17	5
10036	I 20 63	66.8854	26.9541	1.0	E 0.25	E 0.5	E 0.05	12	E 10	34	19	8	1.66	5
10037	I 20 64	66.8839	26.9843	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	42	28	6	1.55	5
10038	I 20 65	66.8824	27.0146	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	42	16	3	0.98	5
10039	I 20 66	66.8809	27.0449	E 0.5	E 0.25	E 0.5	E 0.05	8	E 10	39	59	3	0.76	5
10040	I 20 67	66.8795	27.0751	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	23	35	3	0.54	5
10041	I 20 68	66.8780	27.1054	E 0.5	E 0.25	E 0.5	E 0.05	3	E 10	4	24	3	0.56	5
10042	I 20 69	66.8765	27.1357	E 0.5	E 0.25	E 0.5	E 0.05	7	E 10	13	17	4	0.63	5
10043	I 20 70	66.8750	27.1659	E 0.5	E 0.25	E 0.5	E 0.05	5	E 10	16	1	3	0.52	5
10044	I 20 71	66.8735	27.1962	E 0.5	E 0.25	E 0.5	E 0.05	10	E 10	50	22	5	0.76	5
10045	I 20 72	66.8720	27.2265	E 0.5	E 0.25	E 0.5	E 0.05	12	E 10	46	2	7	0.87	5
10046	I 20 73	66.8705	27.2567	2.0	E 0.25	E 0.5	E 0.05	7	E 10	31	5	6	1.10	5
10047	I 20 74	66.8690	27.2870	E 0.5	E 0.25	E 0.5	E 0.05	71	E 10	33	33	7	1.13	5

APPENDIX A-2 Results of Microscopic Observation of Thin Sections

SAMPLE NUMBER	ROCK NAME	ROOM CODE	COORDINATION		METAMORPHIC ROCK														TEXTURE REMARKS						
			X	Y	QZ	PL	KF	BI	MU	OPX	CPX	GR	SP	HB	AC	CH	EP	SE		ZR	AP	MZ	OP		
1	A1R07 CHARNOKITE	5	33.80	31.24	○	○	○	△	△	△															AUG
2	A1R07 GNEISSOSE GRANULITE	5	37.28	29.87	○	○	○	△	△	△															AUG
3	A2O01 FELSIC GRANULITE	4	59.04	23.00	○	○	○	△	△	△															PRO
4	A2K05 CHARNOKITE (ENDERBITE)	5	64.29	28.25	○	○	○	△	△	△															FRA
5	A2K33 CHARNOKITE	5	65.30	26.19	○	○	○	△	△	△															FRA
6	A2K36 CHARNOKITE	5	67.48	23.05	○	○	○	△	△	△															AUG
7	A2K48 FELSIC GRANULITE	4	68.25	24.99	○	○	○	△	△	△															AUG
8	A2T02 CHARNOKITE	5	61.22	27.97	○	○	○	△	△	△															PRO
9	A2T07 FELSIC GRANULITE	4	59.02	27.83	○	○	○	△	△	△															AUG
10	A2T08 MAFIC GRANULITE	3	59.43	27.00	○	○	○	△	△	△															HET
11	A2E01 CHARNOKITE	5	57.73	27.75	○	○	○	△	△	△															PRO
12	A2E07 CHARNOKITE	5	56.30	27.85	○	○	○	△	△	△															AUG
13	A2E09 MAFIC GRANULITE	3	57.79	27.50	○	○	○	△	△	△															ISO
14	A2E10 MAFIC GRANULITE	3	58.00	27.75	○	○	○	△	△	△															HET
15	A2E11 MAFIC GRANULITE	3	58.67	22.85	○	○	○	△	△	△															FRA
16	A2E12 CHARNOKITE	5	57.50	22.67	○	○	○	△	△	△															AUG
17	A2E13 CHARNOKITE	5	57.30	24.07	○	○	○	△	△	△															AUG
18	A2E14 FELSIC GRANULITE	4	58.65	24.20	○	○	○	△	△	△															ISO
19	A2E15 MAFIC GRANULITE	3	57.98	23.57	○	○	○	△	△	△															FRA
20	A2E21 FELSIC GRANULITE	4	65.73	26.32	○	○	○	△	△	△															AUG
21	A2E22 FELSIC GRANULITE	4	65.82	27.07	○	○	○	△	△	△															ISO
22	A2E23 MAFIC GRANULITE	3	63.05	26.15	○	○	○	△	△	△															FRA
23	A3K05 MAFIC GRANULITE	3	68.92	41.15	○	○	○	△	△	△															PRO
24	A3K11 FELSIC GRANULITE	4	61.45	36.92	○	○	○	△	△	△															ISO
25	A3K16 MAFIC GRANULITE	3	67.48	38.67	○	○	○	△	△	△															FEA
26	A3K18 CHARNOKITE	5	67.95	40.07	○	○	○	△	△	△															AUG
27	A3T01 CHARNOKITE	5	64.30	37.00	○	○	○	△	△	△															AUG
28	A3T04 FELSIC GRANULITE	4	61.25	36.65	○	○	○	△	△	△															RIB
29	A3T06 CHARNOKITE	5	60.72	35.71	○	○	○	△	△	△															AUG
30	A4E02 FELSIC GRANULITE	4	51.00	25.40	○	○	○	△	△	△															AUG
31	A4T06 GNEISSOSE GRANULITE	5	50.27	23.91	○	○	○	△	△	△															AUG
32	A5E02 CHARNOKITE	5	42.83	32.28	○	○	○	△	△	△															AUG
33	A5E04 CHARNOKITE	5	41.48	31.41	○	○	○	△	△	△															AUG
34	A5E04 GNEISSOSE GRANULITE	5	42.75	33.98	○	○	○	△	△	△															AUG
35	A6T02 FELSIC GRANULITE	4	33.60	32.56	○	○	○	△	△	△															AUG

QZ: QUARTZ OPA: ORTHOPYROXENE HB: HORNBLEND SS: SERICITE
 PL: PLAGIOCLASE CPX: CLINOPYROXENE AC: ACTINOLITE ZR: ZIRCON
 KF: K-FELDSPAR GR: GARNET CH: CHLORITE AP: APATITE
 MU: MUSCOVITE SP: SPINEL EP: EPIDOTE MZ: MONAZITE

FEA: FRAMED PORPHYROBLASTIC OP: OPAQUE MINERAL
 PRO: PROTOMylonitic ISO: ISOGRANULAR
 AUG: AUGENMylonitic POL: POLYGONAL
 RIB: RIBBON QUARTZ HET: HETEROGRANULAR

○ : ABUNDANT
 ● : COMMON
 △ : MINOR
 . : BARE

APPENDIX A-3 Results of Microscopic Observation of Polished Sections

SAMPLE NO.	MINERALIZED ZONE	COORDINATION		O R E M I N E R A L S										R E M A R K S				
		X	Y	PY	PO	CP	CV	MC	MG	HE	FE	IL						
1	A20W01	JEGEDE	59.04	23.00	△													
2	A20W02	JEGEDE	59.10	23.18	△													
3	A20W04	JEGEDE	59.10	23.18	△													
4	A20W05(1)	JUWERE	59.12	27.04	○													
5	A20W05(2)	JUWERE	59.12	27.04	○													
6	A20W07	MUCHACHA	62.53	25.93	△													
7	A20W08	JEGEDE	59.18	23.20	△													OXIDIZED ORE
8	A20W10	JUWERE	58.03	27.48	.													
9	A20W11	JUWERE	58.03	27.47	.													OXIDIZED ORE
10	A20W13	JUWERE	59.11	27.03	.													
11	A20W14	JUWERE	59.11	27.03	.													
12	A20W15	JUWERE	59.12	27.04	.													
13	A20W18	JEGEDE	58.98	23.17	.													
14	A20W20	JEGEDE	58.98	23.18	.													
15	A20W22	JEGEDE	59.18	23.20	.													
16	A20W23	JEGEDE	59.18	23.20	.													OXIDIZED ORE
17	A20W25	MUCHACHA	62.50	25.95	△													OXIDIZED ORE
18	A20W27	MUCHACHA	62.53	25.63	.													
19	A20W29	MUCHACHA	62.60	25.88	△													
20	A3RW09	BENZI	61.90	37.12	.													
21	A3RW10	BENZI	61.78	37.35	.													
22	A50W01	RUPIRI	41.00	31.82	.													
23	A50W02	RUPIRI	41.17	31.78	.													
24	A80W01(1)	FUMURE	18.58	18.17	○													
25	A80W01(2)	FUMURE	18.58	18.17	○													
26	A80W01(3)	FUMURE	18.58	18.17	.													
27	A80W02	FUMURE	18.46	18.05	.													
28	A80W03	FUMURE	18.35	17.85	.													
29	C10K01	CHIPFUNDE	40.85	21.55	.													
30	C10K05	CHIPFUNDE	41.25	21.60	.													
31	SPOT-01	SPOT MINE			○													

PY: PYRITE
 PO: PYRRHOTITE
 CP: CHALCOPYRITE
 CV: COVELLINE
 MC: MARCASITE
 MG: MAGNETITE
 HE: HEMATITE
 FE: FE-HYDROXIDE
 IL: ILUMENITE

○ : ABUNDANT
 ● : COMMON
 △ : MINOR
 . : RARE

APPENDIX A-4 Results of Microscopic Observation of Polished Thin Sections

SAMPLE NO.	MINERALIZED ZONE	COORDINATION		O R E M I N E R A L S G A N G U E M I N E R A L S										R E M A R K S										
		X	Y	PY	PO	CP	CV	MC	MG	HE	SP	FE	QZ		PL	KF	OPX	CPX	SE	CH	EP	GR	HB	
1	A20W01 JEGEDE	59.04	23.00	△	.	.	.	.	.	.	.	◎					
2	A20W02 JEGEDE	59.10	23.18	△	.	.	.	.	.	.	△	◎						.	.	..?
3	A20W05 JUWERE	59.12	27.04	○	.	.	△	.	.	.	.	◎	○					.	.	..?
4	A20W08 JEGEDE	59.18	23.20	○	.	.	.	.	.	.	.	◎					
5	A20W18 JEGEDE	58.98	23.17	○	.	.	.	.	.	.	.	◎	△				
6	A20W20 JEGEDE	58.98	23.18	△	.	.	.	.	.	.	.	◎						.	.	..?
7	A20W23 JEGEDE	59.18	23.20	△	.	.	.	.	.	.	.	◎						.	.	..?
8	A20W25 MUCHACHA	62.50	25.95	△	.	.	.	.	.	△	.	◎												△
9	A20W27 MUCHACHA	62.58	25.63	△	.	.	.	.	.	.	.	◎												△
10	A80W01 FUMERE	18.58	18.17	△	.	.	.	.	.	.	.	◎												◎

PY: PYRITE	MG: MAGNETITE	QZ: QUARTZ	SE: SERICITE
PO: PYRRHOTITE	HE: HEMATITE	PL: PLAGIOCLASE	CH: CHLORITE
CP: CHALCOPYRITE	SP: SPHALERITE	KF: K-FELDSPAR	EP: EPIDOTE
CV: COVELLINE	FE: FE-HYDROXIDE	OPX: ORTHOPYROXENE	GR: GARNET
MC: MARCASITE		CPX: CLINOPYROXENE	HB: HORNEBLEND

◎ : ABUNDANT
○ : COMMON
△ : MINOR
. : RARE

APPENDIX A-5 Analytical Results of X-Ray Powder Diffractometry

SAMPLE NO.	ROCK NAME	COORDINATION		M I N E R A L S										R E M A R K S	
		X	Y	QZ	PL	KF	BI	PX	AMP	EP	SE	CH			
1	FELSIC GRANULITE	67.05	25.55	◎	△	◎	· ?								POTASSIC ALTERED ROCK
2	GNEISSOSE GRANULITE	65.95	25.50	○	○	◎									POTASSIC ALTERED ROCK
3	GNEISSOSE GRANULITE	87.28	29.87	◎	◎	○									
4	GNEISSOSE GRANULITE	55.73	26.32	◎	◎	○	· ?								WEAKLY ALTERED
5	GNEISSOSE GRANULITE	65.82	27.07	◎	◎	○									WEAKLY ALTERED
6	GNEISSOSE GRANULITE	61.45	36.92	◎	○	○									
7	GNEISSOSE GRANULITE	41.15	33.25	◎	○	○									WEAKLY ALTERED
8	GNEISSOSE GRANULITE	41.90	33.55	◎	◎	○									WEAKLY ALTERED
9	GNEISSOSE GRANULITE	30.60	31.90	◎	△	△	· ?								WEAKLY ALTERED
10	GNEISSOSE GRANULITE	26.30	8.25	◎	△	△									WEAKLY ALTERED
11	GNEISSOSE GRANULITE	33.10	33.58	◎	○	△									WEAKLY ALTERED
12	GNEISSOSE GRANULITE	19.85	18.65	◎	◎	○									QUARTZ+EPIDOTE ROCK
13	ALTERED ROCK	66.95	25.30	◎	◎	○				○					
14	FELSIC GRANULITE	22.30	15.08	◎	◎	○									
15	GNEISSOSE GRANULITE	16.45	2.40	◎	△	△									
16	ALTERED ROCK	45.15	19.00	○	○	○				○					QUARTZ+EPIDOTE ROCK
17	GNEISSOSE GRANULITE	41.96	21.20	◎	○	△									
18	GNEISSOSE GRANULITE	41.25	22.65	◎	◎	△									WEAKLY ALTERED
19	CHRONOKLITE	-----	-----	◎	△	○	· ?								COUNTRY ROCK OF SPOT MINE
20	CHRONOKLITE	-----	-----	◎	△	○	· ?								COUNTRY ROCK OF SPOT MINE

QZ: QUARTZ
 PL: PLAGIOCLASE
 XF: X-FELDSPAR
 BI: BIOTITE
 PX: PYROXENE
 AMP: AMPHIBOLE
 EP: EPIDOTE
 SE: SERICITE
 CH: CHLORITE
 ◎ : ABUNDANT
 ○ : COMMON
 △ : MINOR
 · : RARE

APPENDIX A-6 Analytical Results of EPMA

1-1 SAMPLE NAME : A20W13 Hematite : Fe₂O₃

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	30.843	60.845	30.773	1.0023	1.0022	1.0001	1.0000
FE	68.330	38.614	68.165	1.0024	1.0025	1.0000	1.0000
SI	0.263	0.295	0.204	1.2880	0.9192	1.4012	1.0000
AL	0.209	0.245	0.137	1.5286	0.9351	1.6347	0.9999

	99.645	100.000	99.279	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	30.408	60.319	30.320	1.0029	1.0012	1.0017	1.0000
FE	69.011	39.218	68.917	1.0014	1.0014	1.0000	1.0000
SI	0.264	0.298	0.205	1.2883	0.9183	1.4029	1.0000
AL	0.140	0.164	0.091	1.5305	0.9343	1.6383	0.9999

	99.823	100.000	99.533	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	30.859	60.812	30.731	1.0042	1.0025	1.0017	1.0000
FE	68.095	38.443	67.909	1.0027	1.0028	1.0000	1.0000
SI	0.433	0.486	0.337	1.2873	0.9194	1.4001	1.0000
AL	0.221	0.258	0.145	1.5271	0.9354	1.6328	0.9999

	99.308	100.000	99.121	(PAC1)	(PHILIBERT-TIXIER)		

2-1 SAMPLE NAME : A20W13 Magnetite : Fe₃O₄

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	27.821	57.317	27.664	1.0057	0.9958	1.0099	1.0000
FE	72.018	42.505	72.329	0.9957	0.9955	1.0002	1.0000
AL	0.146	0.179	0.095	1.5391	0.9295	1.6559	1.0000

	99.985	100.000	100.088	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	27.906	57.514	27.761	1.0052	0.9961	1.0092	1.0000
FE	71.692	42.329	71.981	0.9960	0.9958	1.0002	1.0000
AL	0.128	0.157	0.088	1.5389	0.9297	1.6552	1.0000

	99.727	100.000	99.825	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	28.127	57.750	27.979	1.0053	0.9966	1.0087	1.0000
FE	71.409	42.003	71.659	0.9965	0.9963	1.0002	1.0000
AL	0.203	0.247	0.132	1.5378	0.9302	1.6532	1.0000

	99.740	100.000	99.770	(PAC1)	(PHILIBERT-TIXIER)		

3-1 SAMPLE NAME : A20W15 Ilmenite : FeTiO₃

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	31.823	60.367	14.252	2.2329	1.0029	2.2263	1.0000
FE	36.975	20.094	35.995	1.0272	1.0046	1.0225	0.9999
TI	30.146	19.101	31.145	0.9679	0.9855	1.0089	0.9735
MN	0.528	0.292	0.528	0.9988	0.9716	1.0281	1.0000
CR	0.179	0.104	0.173	1.0309	1.0079	1.0416	0.9819
ZN	0.090	0.042	0.084	1.0723	1.0545	1.0169	1.0000

	99.740	100.000	82.178	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	31.619	60.211	14.146	2.2353	1.0027	2.2293	1.0000
FE	37.022	20.197	36.049	1.0270	1.0043	1.0226	0.9999
TI	30.144	19.174	31.151	0.9677	0.9852	1.0090	0.9735
MN	0.494	0.274	0.495	0.9986	0.9713	1.0282	1.0000
CR	0.176	0.103	0.170	1.0306	1.0077	1.0417	0.9818
ZN	0.089	0.041	0.083	1.0720	1.0542	1.0169	1.0000

	99.543	100.000	82.094	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	31.471	59.962	14.123	2.2283	1.0022	2.2234	1.0000
FE	37.509	20.473	36.544	1.0264	1.0038	1.0225	1.0000
TI	30.098	19.155	31.124	0.9670	0.9848	1.0090	0.9732
MN	0.537	0.298	0.539	0.9981	0.9708	1.0281	1.0000
CR	0.158	0.092	0.153	1.0293	1.0072	1.0416	0.9812
ZN	0.041	0.019	0.038	1.0716	1.0536	1.0171	1.0000

	99.814	100.000	82.522	(PAC1)	(PHILIBERT-TIXIER)		

4-1 SAMPLE NAME : A20W15 Pyrite : FeS₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	46.290	33.330	46.290	1.0000	1.0000	1.0000	1.0000
S	53.154	66.670	53.154	1.0000	1.0000	1.0000	1.0000

	99.444	100.000	99.444	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	45.578	32.803	45.539	1.0009	1.0007	1.0001	1.0000
S	53.595	67.197	53.638	0.9992	1.0006	0.9996	1.0000

	99.172	100.000	99.177	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	45.433	32.671	45.385	1.0011	1.0009	1.0002	1.0000
S	53.747	67.329	53.802	0.9990	1.0008	0.9992	1.0000

	99.180	100.000	99.187	(PAC1)	(PHILIBERT-TIXIER)		

5-1 SAMPLE NAME : A20W18 Unknown: (Fe,Al)₂O₅

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	39.808	69.085	39.661	1.0037	1.0215	0.9826	1.0000
FE	57.071	28.375	55.784	1.0231	1.0238	0.9993	1.0000
SI	1.044	1.032	0.820	1.2726	0.9360	1.9597	0.9999
AL	1.077	1.109	0.726	1.4843	0.9523	1.5593	0.9996
S	0.461	0.400	0.426	1.0843	1.0196	1.0637	0.9997
				(PAC1)	(PHILIBERT-TIXIER)		
	99.462	100.000	97.416				

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	40.915	69.854	40.511	1.0100	1.0251	0.9853	1.0000
FE	54.554	26.683	53.117	1.0271	1.0278	0.9992	1.0000
SI	2.264	2.202	1.789	1.2652	0.9392	1.3472	0.9999
AL	1.021	1.033	0.694	1.4715	0.9555	1.5411	0.9993
S	0.268	0.228	0.246	1.0891	1.0230	1.0648	0.9998
				(PAC1)	(PHILIBERT-TIXIER)		
	99.022	100.000	96.357				

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	40.443	69.845	40.477	0.9992	1.0227	0.9770	1.0000
FE	56.275	27.342	54.938	1.0243	1.0252	0.9992	1.0000
SI	0.922	0.907	0.725	1.2718	0.9371	1.3572	0.9999
AL	1.017	1.042	0.684	1.4834	0.9534	1.5564	0.9997
S	0.422	0.364	0.389	1.0838	1.0208	1.0620	0.9997
				(PAC1)	(PHILIBERT-TIXIER)		
	99.080	100.000	97.215				

6-1 SAMPLE NAME : A20W18 Unknown: FeO₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	34.635	64.302	34.238	1.0116	1.0110	1.0006	1.0000
FE	63.366	33.702	62.623	1.0119	1.0121	0.9998	1.0000
SI	1.444	1.527	1.132	1.2764	0.9268	1.3772	0.9999
AL	0.205	0.225	0.136	1.5069	0.9429	1.5989	0.9996
S	0.261	0.242	0.241	1.0835	1.0095	1.0737	0.9997
				(PAC1)	(PHILIBERT-TIXIER)		
	99.912	100.000	98.370				

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	33.659	63.531	33.377	1.0084	1.0085	1.0000	1.0000
FE	64.892	35.089	64.303	1.0092	1.0093	0.9998	1.0000
SI	0.941	1.011	0.735	1.2792	0.9247	1.3835	0.9999
AL	0.063	0.070	0.042	1.5146	0.9407	1.6105	0.9997
S	0.318	0.299	0.294	1.0811	1.0071	1.0739	0.9997
				(PAC1)	(PHILIBERT-TIXIER)		
	99.872	100.000	98.751				

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	34.310	64.324	33.988	1.0094	1.0105	0.9990	1.0000
FE	63.317	34.007	62.611	1.0113	1.0115	0.9998	1.0000
SI	1.129	1.206	0.884	1.2772	0.9264	1.3788	0.9999
AL	0.131	0.146	0.087	1.5097	0.9425	1.6024	0.9996
S	0.338	0.317	0.313	1.0821	1.0090	1.0728	0.9997
				(PAC1)	(PHILIBERT-TIXIER)		
	99.225	100.000	97.883				

7-1 SAMPLE NAME : A20W23 Ilmenite : FeTiO₃

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	31.784	40.357	14.013	2.2682	1.0030	2.2614	1.0000
FE	36.446	19.827	35.464	1.0277	1.0047	1.0230	0.9999
TI	30.812	19.544	31.907	0.9687	0.9856	1.0088	0.9743
MN	0.325	0.180	0.325	0.9996	0.9716	1.0298	0.9999
CR	0.032	0.019	0.031	1.0332	1.0080	1.0426	0.9831
ZN	0.158	0.073	0.147	1.0723	1.0546	1.0169	1.0000

	99.557	100.000	81.787	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	31.665	40.108	14.041	2.2552	1.0025	2.2496	1.0000
FE	37.002	20.122	36.029	1.0270	1.0042	1.0228	0.9999
TI	30.675	19.450	31.690	0.9680	0.9851	1.0089	0.9739
MN	0.393	0.217	0.393	0.9989	0.9711	1.0286	0.9999
CR	0.053	0.031	0.052	1.0316	1.0075	1.0423	0.9824
ZN	0.153	0.071	0.143	1.0718	1.0540	1.0169	1.0000

	99.940	100.000	82.347	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	31.345	40.014	13.869	2.2600	1.0024	2.2547	1.0000
FE	36.812	20.192	35.848	1.0269	1.0040	1.0229	0.9999
TI	30.547	19.536	31.530	0.9679	0.9849	1.0089	0.9740
MN	0.315	0.176	0.316	0.9988	0.9710	1.0287	1.0000
CR	0.030	0.017	0.029	1.0316	1.0074	1.0424	0.9824
ZN	0.138	0.065	0.129	1.0717	1.0538	1.0169	1.0000

	99.188	100.000	81.751	(PAC1)	(PHILIBERT-TIXIER)		

8-1 SAMPLE NAME : A20W25 Ilmenite : FeTiO₃

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	33.849	62.199	14.496	2.3351	1.0080	2.3166	1.0000
FE	32.266	16.986	31.195	1.0343	1.0103	1.0238	1.0000
TI	31.946	19.608	32.754	0.9753	0.9906	1.0078	0.9769
MN	0.512	0.274	0.509	1.0060	0.9769	1.0298	1.0000
CR	0.157	0.089	0.150	1.0468	1.0134	1.0438	0.9896
MG	0.697	0.343	0.446	1.5644	0.9293	1.6700	1.0020

	99.427	100.000	79.550	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	33.955	62.374	14.476	2.3456	1.0083	2.3262	1.0000
FE	31.841	16.757	30.768	1.0349	1.0107	1.0239	1.0000
TI	32.079	19.684	32.872	0.9759	0.9910	1.0077	0.9772
MN	0.489	0.262	0.486	1.0066	0.9773	1.0299	1.0000
CR	0.142	0.080	0.135	1.0481	1.0138	1.0440	0.9962
MG	0.698	0.344	0.447	1.5620	0.9296	1.6669	1.0080

	99.204	100.000	79.184	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	34.384	62.777	14.687	2.3411	1.0091	2.3200	1.0000
FE	31.624	16.541	30.537	1.0356	1.0115	1.0238	1.0000
TI	32.009	19.521	32.775	0.9766	0.9917	1.0076	0.9773
MN	0.497	0.264	0.493	1.0072	0.9781	1.0298	1.0000
CR	0.125	0.070	0.120	1.0489	1.0146	1.0438	0.9904
MG	0.687	0.326	0.440	1.5607	0.9302	1.6643	1.0080

	99.326	100.000	79.053	(PAC1)	(PHILIBERT-TIXIER)		

9-1 SAMPLE NAME : SPOT-1 Pyrrhotite : FeS

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	59.362	45.931	60.495	0.9813	0.9842	0.9970	1.0000
S	40.106	54.059	39.426	1.0172	0.9861	1.0318	0.9999
CU	0.014	0.011	0.014	1.0915	1.0570	1.0324	1.0000

	99.484	100.000	99.936	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	61.130	47.544	62.435	0.9791	0.9824	0.9966	1.0000
S	38.715	52.456	37.987	1.0192	0.9844	1.0354	0.9998
CU	0.000	0.000	0.000				

	99.845	100.000	100.423	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	60.755	47.191	62.022	0.9796	0.9828	0.9967	1.0000
S	39.027	52.809	38.309	1.0187	0.9848	1.0346	0.9998
CU	0.000	0.000	0.000				

	99.782	100.000	100.331	(PAC1)	(PHILIBERT-TIXIER)		

10-1 SAMPLE NAME : SPOT-1 Pyrite : FeS₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	46.624	33.466	46.634	0.9998	0.9998	1.0000	1.0000
S	53.209	66.534	53.198	1.0002	0.9998	1.0004	1.0000

	99.833	100.000	99.832	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	46.473	33.590	46.492	0.9996	0.9997	0.9999	1.0000
S	52.742	66.410	52.721	1.0004	0.9997	1.0007	1.0000

	99.215	100.000	99.213	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	46.891	33.972	46.938	0.9990	0.9992	0.9998	1.0000
S	52.314	66.028	52.266	1.0010	0.9993	1.0017	1.0000

	99.207	100.000	99.204	(PAC1)	(PHILIBERT-TIXIER)		

11-1 SAMPLE NAME : SPOT-1 Chalcopyrite : CuFeS₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	30.191	24.773	32.345	0.9328	0.9692	0.9981	0.9643
S	35.312	50.476	33.898	1.0573	0.9730	1.0863	1.0003
CU	34.322	24.751	32.439	1.0580	1.0395	1.0178	1.0000
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	99.825	100.000	98.202	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	30.277	24.988	32.453	0.9320	0.9691	0.9980	0.9646
S	35.028	50.360	33.131	1.0573	0.9729	1.0864	1.0003
CU	33.987	24.651	32.122	1.0581	1.0394	1.0179	1.0000
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	99.292	100.000	97.705	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
FE	29.924	24.661	32.065	0.9332	0.9695	0.9981	0.9644
S	35.308	50.691	33.405	1.0570	0.9732	1.0857	1.0003
CU	34.831	24.648	32.156	1.0583	1.0398	1.0178	1.0000
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	99.263	100.000	97.626	(PAC1)	(PHILIBERT-TIXIER)		

APPENDIX A-7 Results of Modal Analysis

ROCK NAME ROCK CODE SAMPLE NO. MINERAL	1 FELSIC GRANULITE < 4 >		2 FELSIC GRANULITE < 4 >		3 ENEISSOSE GRANULITE < 5 >		4 ENEISSOSE GRANULITE < 5 >		5 CHARNOCKITE < 5 >	
	42RT07		42RWZ1		A1RT07		A9RW06		A3RK18	
	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.
QUARTZ	34.01	583	28.95	372	40.82	820	37.90	763	26.05	654
PLAGIOCLASE	28.15	435	39.91	1,202	41.51	834	53.10	1,059	39.50	1,002
K-FELDSPAR	40.04	804	30.51	919	11.35	228	2.14	43	31.18	783
BIOTITE	0.00	0	0.00	0	2.94	58	5.66	134	0.35	8
MUSCOVITE	0.05	1	0.00	0	0.00	0	0.00	0	0.00	0
ORTHOPYROXENE	0.00	0	0.00	0	0.00	0	0.00	0	1.35	34
CLINOPYROXENE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
GARNET	1.59	32	0.00	0	2.29	46	0.05	1	0.00	0
SPINEL	0.00	0	0.00	0	0.05	1	0.00	0	0.00	0
AMPHIBOLE	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1
ACTINOLITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
CHLORITE	0.00	0	0.00	0	0.10	2	0.05	1	0.00	0
EPIDOTE	0.00	0	0.07	2	0.00	0	0.00	0	0.00	0
SERICITE	0.15	3	0.58	17	0.50	10	0.00	0	0.00	0
ZIRCON	0.00	0	0.00	0	0.00	0	0.05	1	0.00	0
APATITE	0.00	0	0.00	0	0.30	6	0.05	1	0.08	2
MONAZITE	0.00	0	0.00	0	0.08	2	0.00	0	0.00	0
OPAQUE MINERAL	0.00	0	0.00	0	0.45	9	0.00	0	0.24	6
T O T A L (%)	100	2,008	100	3,012	100	2,009	100	2,013	100	2,511

ROCK NAME ROCK CODE SAMPLE NO. MINERAL	6 CHARNOCKITE < 5 >		7 ENDERBITE < 5 >		8 ENDERBITE < 5 >		9 MAFIC GRANULITE < 3 >		10 MAFIC GRANULITE < 3 >	
	C2RY03		A2RX05		A2RX01		A2RT08		A8RW06	
	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.
QUARTZ	36.47	903	27.05	544	12.35	310	0.00	0	0.00	0
PLAGIOCLASE	40.57	1,007	51.04	1,026	59.06	1,734	45.95	911	13.23	400
K-FELDSPAR	18.05	447	0.15	3	0.60	15	0.00	0	0.00	0
BIOTITE	1.58	39	11.49	231	1.04	26	0.34	7	0.00	0
MUSCOVITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
ORTHOPYROXENE	2.42	50	6.52	131	12.19	305	15.23	315	15.28	460
CLINOPYROXENE	0.00	0	0.00	0	2.47	62	28.92	598	35.75	1,076
GARNET	0.00	0	0.20	4	0.00	0	0.00	0	0.00	0
SPINEL	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
AMPHIBOLE	0.00	0	0.00	0	0.04	1	1.31	27	35.48	1,068
ACTINOLITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
CHLORITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
EPIDOTE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
SERICITE	0.48	12	0.30	6	0.00	0	3.94	89	0.10	3
ZIRCON	0.00	0	0.05	1	0.00	0	0.00	0	0.00	0
APATITE	0.08	2	0.35	7	0.16	4	0.00	0	0.00	0
MONAZITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
OPAQUE MINERAL	0.24	6	2.84	57	2.11	52	3.92	81	0.10	3
T O T A L (%)	100	2,476	100	2,010	100	2,511	100	2,058	100	3,010

APPENDIX A-8 Results of Homogenization Temperature Measurements

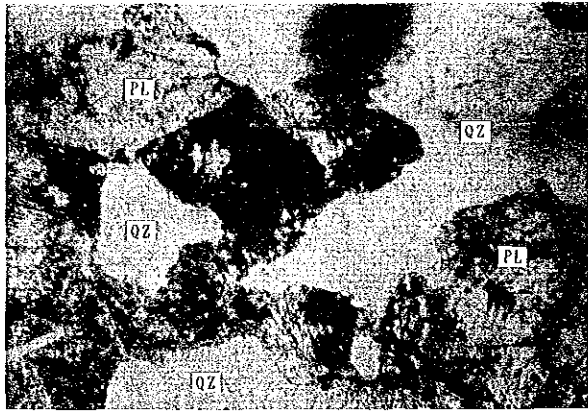
NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LOCALITY	A-2	A-2	A-2	A-2	A-2	A-2	A-2	A-2	A-2	A-2	A-2	A-3	A-3	A-5	A-8	A-9	C-1	HOVEE	RENCO	SPOT
SAMPLE NO.	A20W01	A20W02	A20W04	A20W05	A20W07	A20W10	A20W11	A20W18	A20W22	A20W27	A20W79	A38W09	A38W10	A50W02	A80W01	A90K01	C10K02	A20W79	A20W79	SPOT-1
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	210	253	265	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	229	256	268	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	282	272	270	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	283	272	277	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	284	275	278	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	240	278	279	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	240	278	290	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	241	—	291	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	266	—	341	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	267	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
NO. OF INCLUSIONS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	7	9	—	—	—
M I N E R A L S	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ
N.E.A.S.U.P.E.D.	GR	GR	—	—	—	—	—	—	—	—	GR	—	—	—	—	—	—	—	—	—
TYPE OF	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.	S, G.
FLUID INCLUSIONS	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L	G-L
TEMPERATURE	220~	—	220~	250~	250~	220~	—	—	200~	200~	250~	250~	230~	—	—	—	—	—	—	—
DEDUCED (°C)	250	—	250	250	300	300	—	300	220	250	270	250	300	270	—	—	—	—	—	—
MEAN TEMPERATURE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
σ	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

σ : STANDARD DEVIATION
 S : SOLID PREDOMINANT FLUID INCLUSIONS
 L : LIQUID PREDOMINANT FLUID INCLUSIONS
 G : GAS PREDOMINANT FLUID INCLUSIONS
 G-L : TWO PHASE FLUID INCLUSIONS OF GAS-LIQUID
 GR : GARNET
 HB : HORNBLENDE
 PL : PLAGIOCLASE

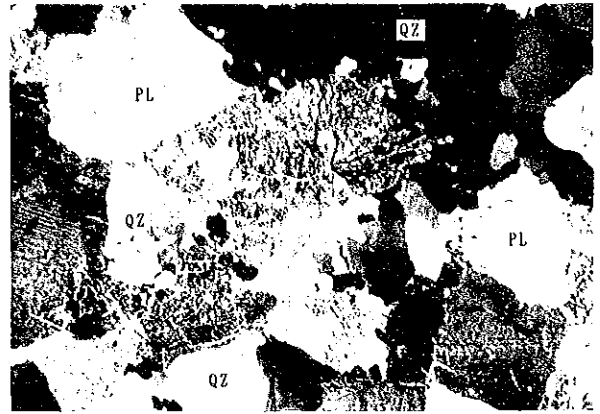
APPENDIX A-9 Photomicrograph of Thin Sections

A B B R E V I A T I O N

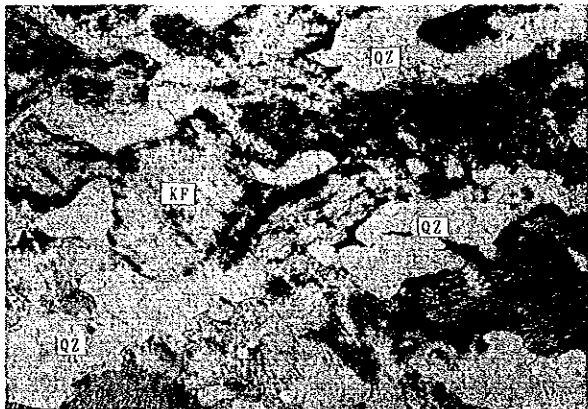
QZ : QUARTZ
PL : PLAGIOCLASE
KF : K-FELDSPAR
OPX : ORTHOPYROXENE
CPX : CLINOPYROXENE
BI : BIOTITE
HB : HORENBLEND
CH : CHLORITE
EP : EPIDOTE
AP : APATITE
GR : GARNET



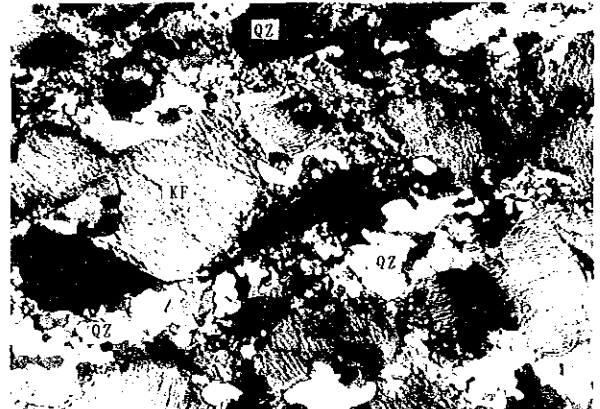
SAMPLE NUMBER: A2RW21 =OPEN
 LOCALITY: CHAMBURUKIRA SCHOOL
 ROCK NAME: FELSIC GRANULITE



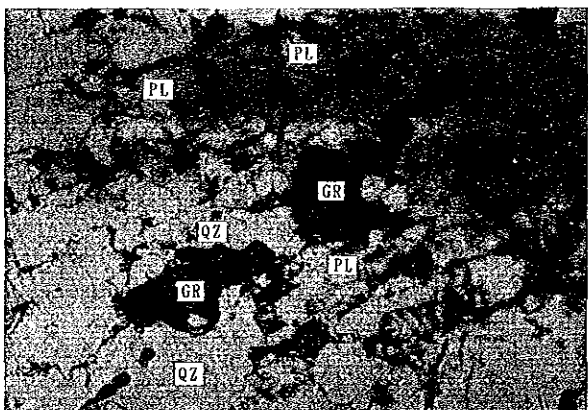
+CROSS



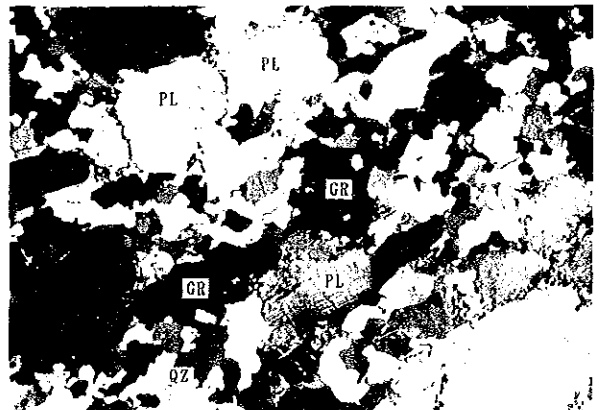
SAMPLE NUMBER: A3RK11 =OPEN
 LOCALITY: MATSAI TRIBAL TRUST LAND
 ROCK NAME: FELSIC GRANULITE



+CROSS

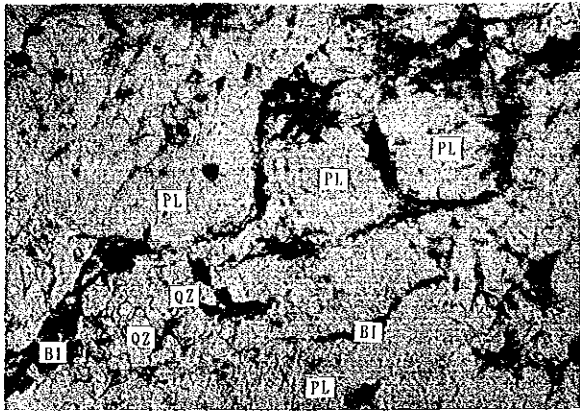


SAMPLE NUMBER: AIRT07 =OPEN
 LOCALITY: ANGUS RANCHTARA SCHOOL
 ROCK NAME: GNEISSOSE GRANULITE

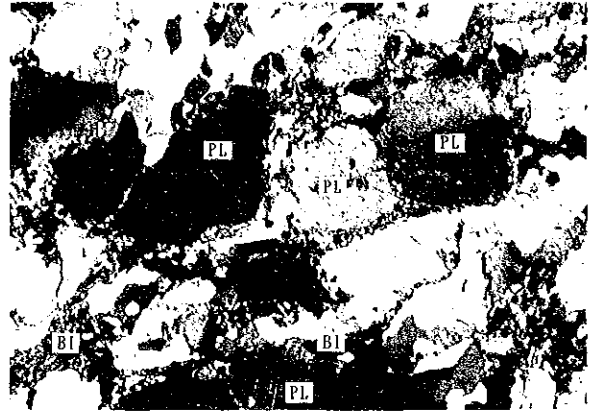


+CROSS

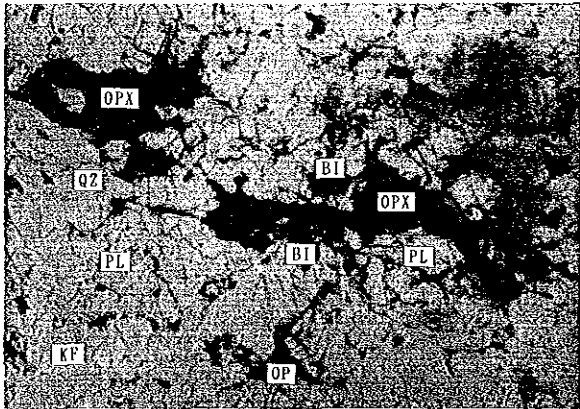
0.5mm



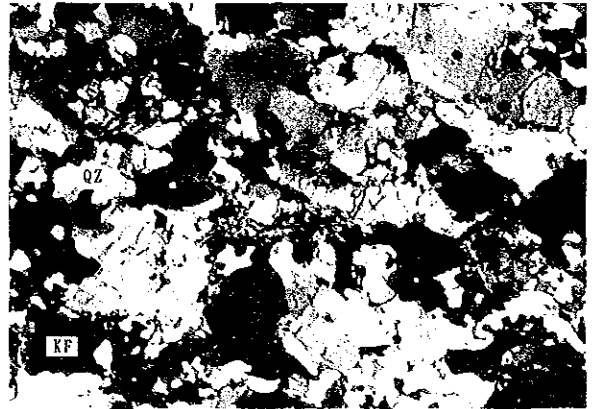
SAMPLE NUMBER: A9RW06 =OPEN
 LOCALITY: NYAHONDRO
 ROCK NAME: GNEISSOSE GRANULITE



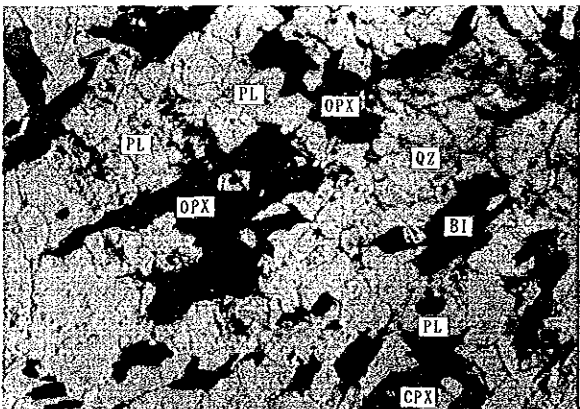
+CROSS



SAMPLE NUMBER: C2RK03 =OPEN
 LOCALITY: NORTHEAST OF MUSHAYA SCHOOL
 ROCK NAME: CHARNOKITE

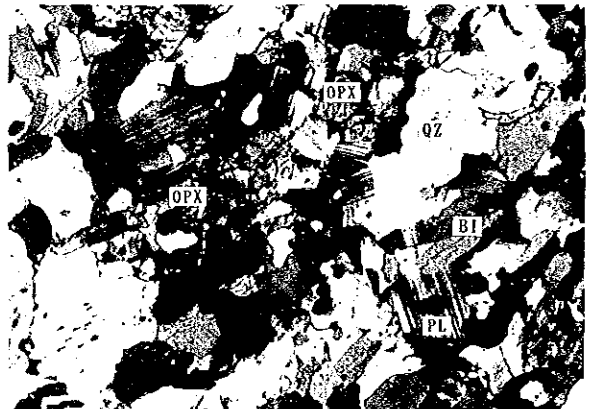


+CROSS

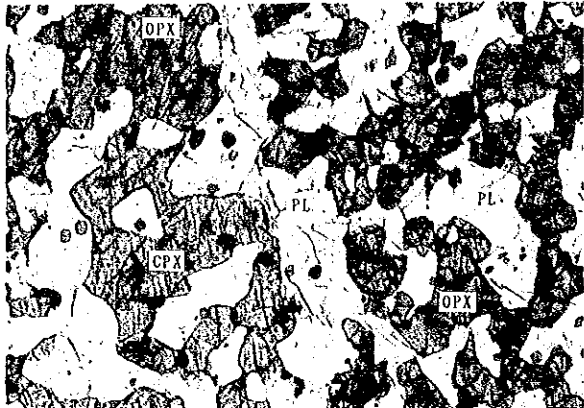


SAMPLE NUMBER: A2RK05 =OPEN
 LOCALITY: NORTH OF CHIREZANA B. C.
 ROCK NAME: CHARNOKITE

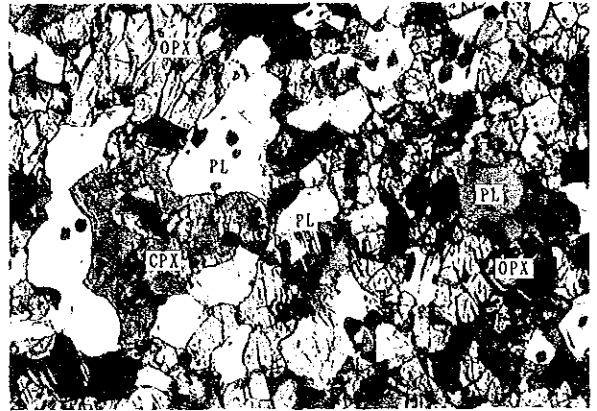
0.5mm



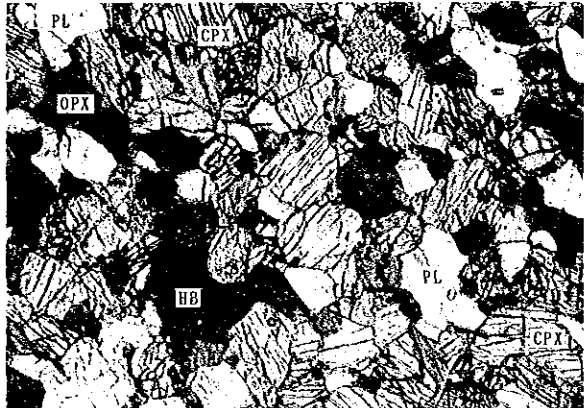
+CROSS



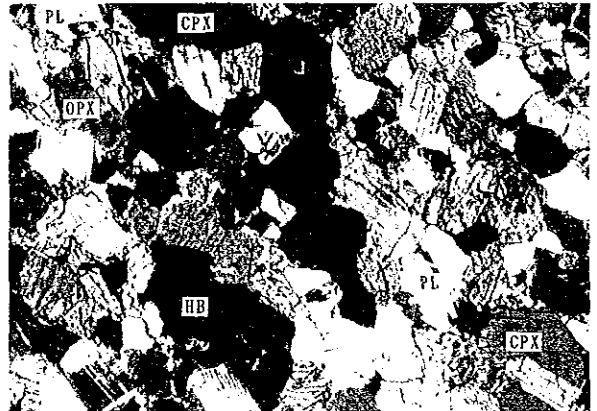
SAMPLE NUMBER: A2RT08 =OPEN
 LOCALITY: NORTH OF MATARA SCHOOL.
 ROCK NAME: MAFIC GRANULITE



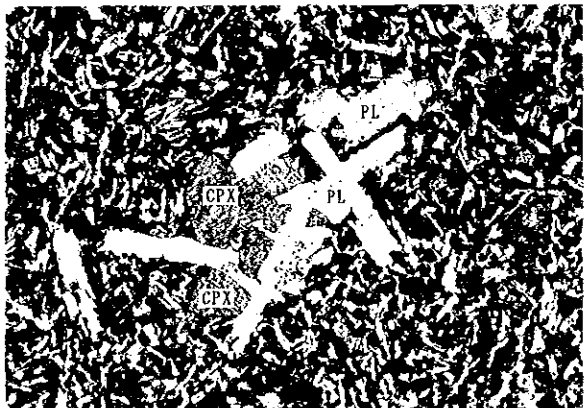
+CROSS



SAMPLE NUMBER: A8RW06 =OPEN
 LOCALITY: FUMURE
 ROCK NAME: MAFIC GRANULITE



+CROSS



SAMPLE NUMBER: A6RW07 =OPEN
 LOCALITY: EAST OF CHIPFUTI SCHOOL
 ROCK NAME: DOLERITE

0.5mm



+CROSS

APPENDIX A-10 Photomicrograph of Polished Sections

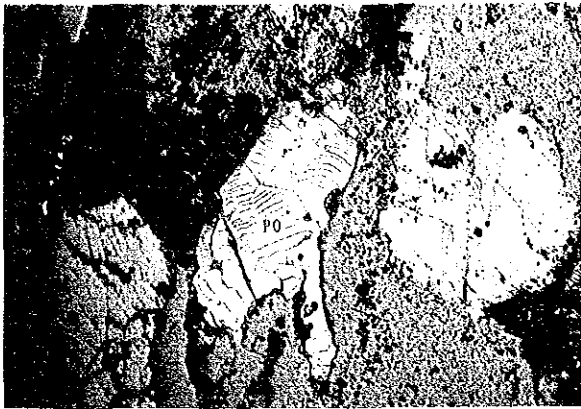
ABBREVIATION

PO : Pyrrhotite

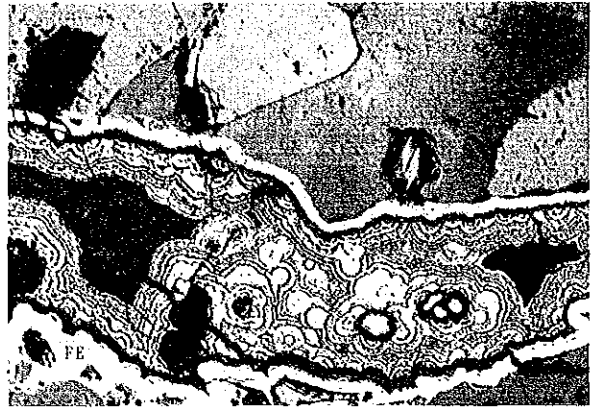
PY : Pyrite

CP : Chalcopyrite

FE : Fe-hydroxide



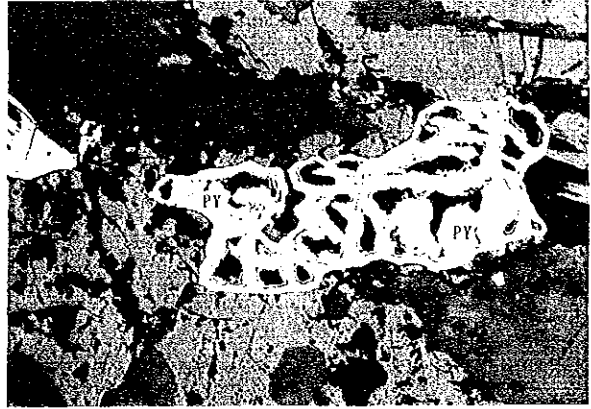
SAMPLE NUMBER: A20W13
 LOCALITY: JEGEDE
 REMARKS: Birds-eye texture of pyrrhotite



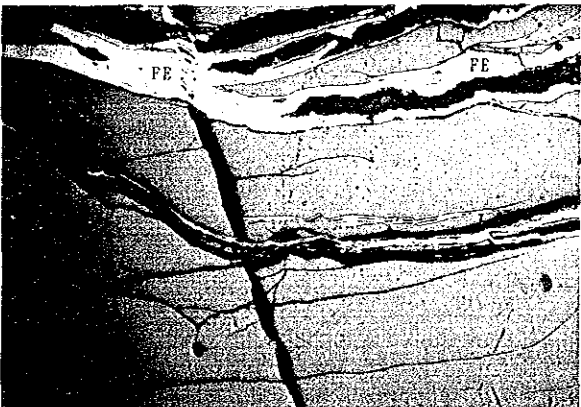
SAMPLE NUMBER: A20W18
 LOCALITY: JEGEDE
 REMARKS: Colloform texture of Fe-hydroxides



SAMPLE NUMBER: A20W15
 LOCALITY: JUWERE
 REMARKS: Partially leached pyrite



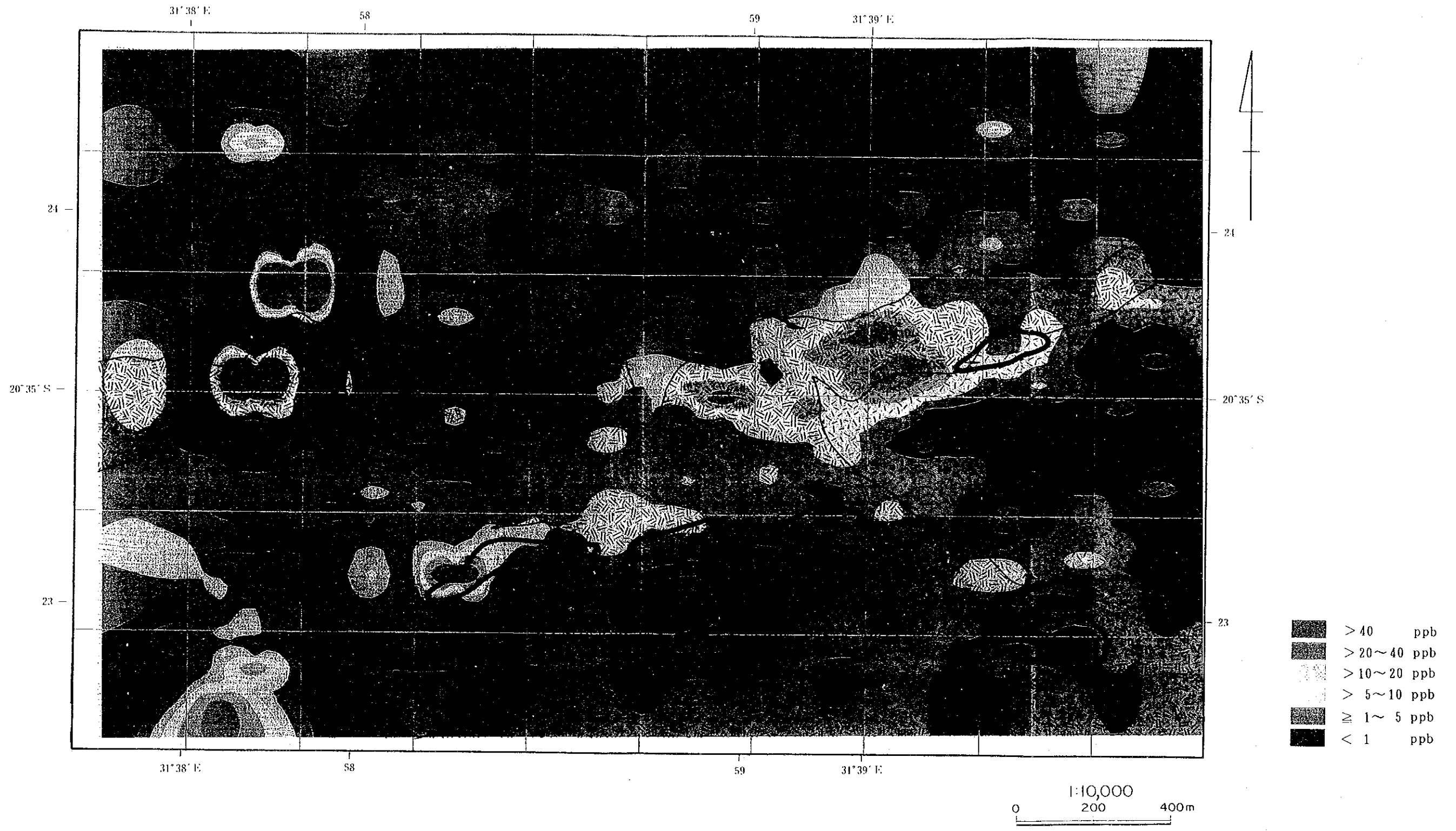
SAMPLE NUMBER: A20W23
 LOCALITY: MUCHACHA
 REMARKS: Skeletal texture of pyrite



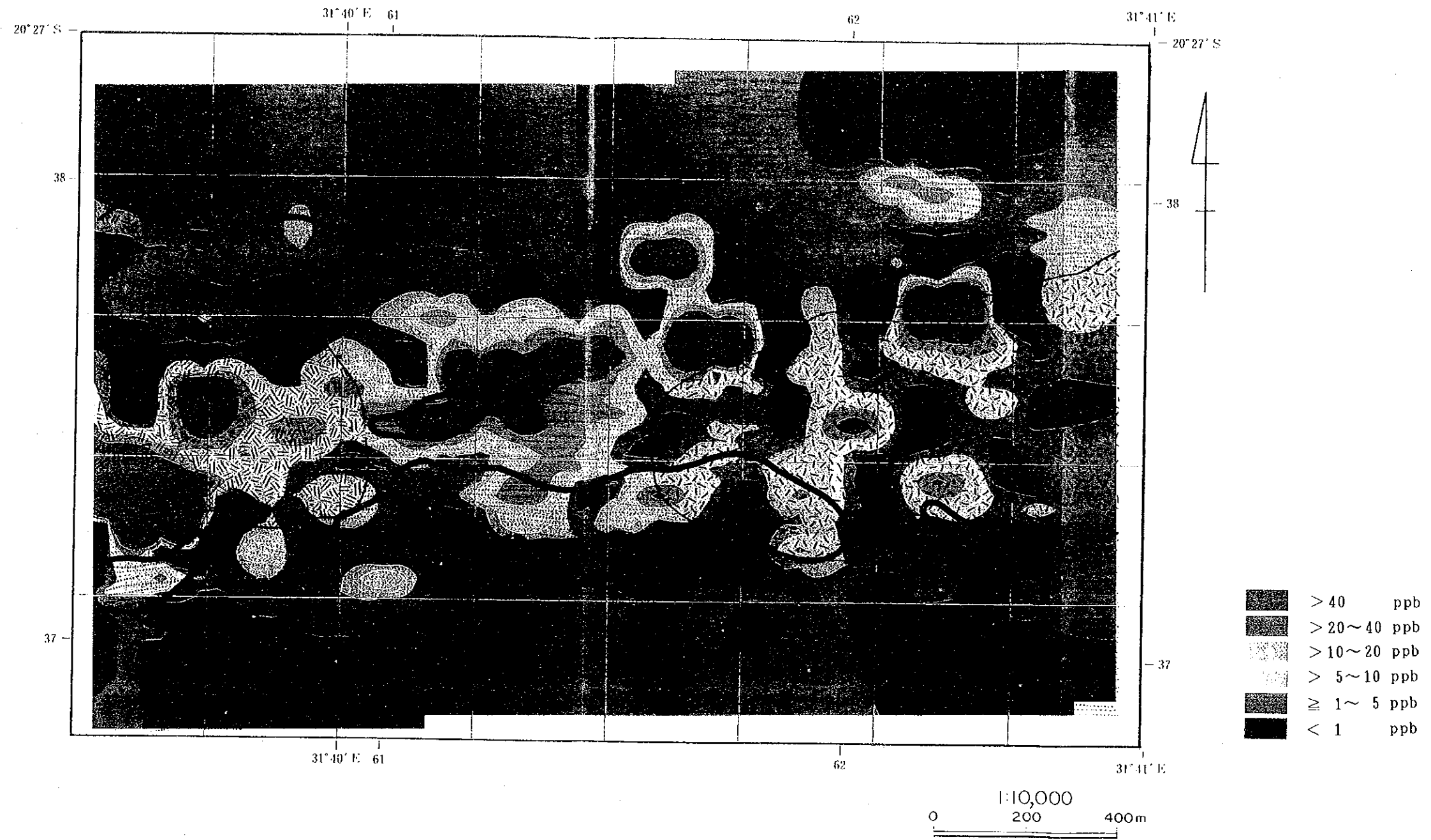
SAMPLE NUMBER: A20W18
 LOCALITY: JEGEDE
 REMARKS: Vein and veinlets of Fe-hydroxides



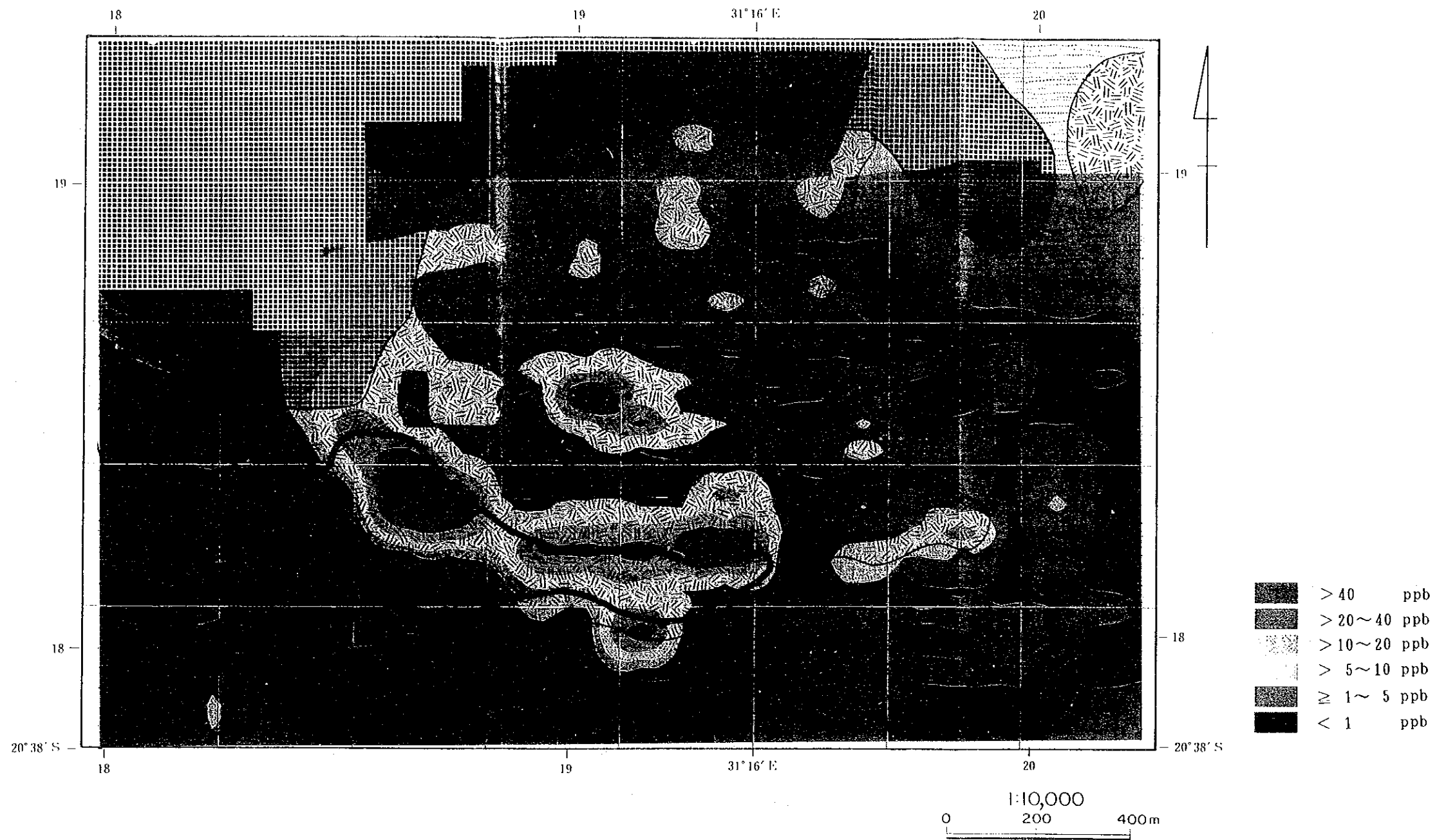
SAMPLE NUMBER: SPOT-01
 LOCALITY: SPOT MINE
 REMARKS: Pyrrhotite-pyrite-chalcopyrite association



APPENDIX A-11 Au Content of Jegede Zone

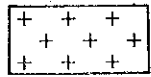


APPENDIX A-12 Au Content of Benzi Zone



APPENDIX A-13 Au Content of Fumure Zone

JICA



Gneissose granite



Boundary of geological unit



Gneissose granulite



Synform axis



Charnockite



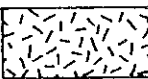
Antiform axis



Mafic granulite



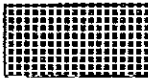
Fault



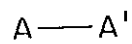
Felsic granulite



Lineament



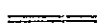
Iron formation



A—A' Section line



Dolerite



Sulphide mineralization



Fe-hydroxides



Quartz / K-feldspar
and/or quartz vein or stockwork

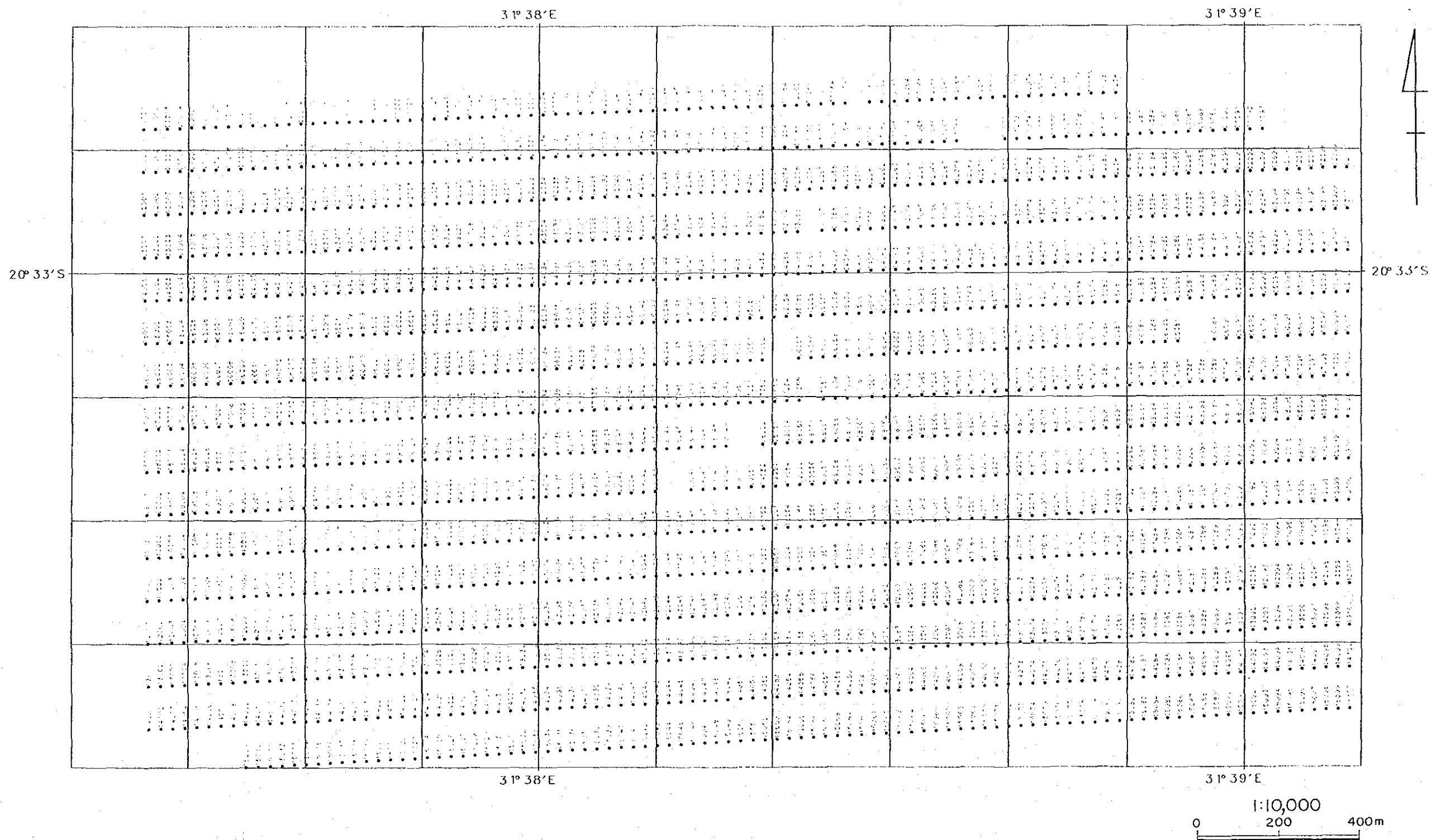


PLATE 1 Locality Map of Soil Samples (1) JWERA ZONE

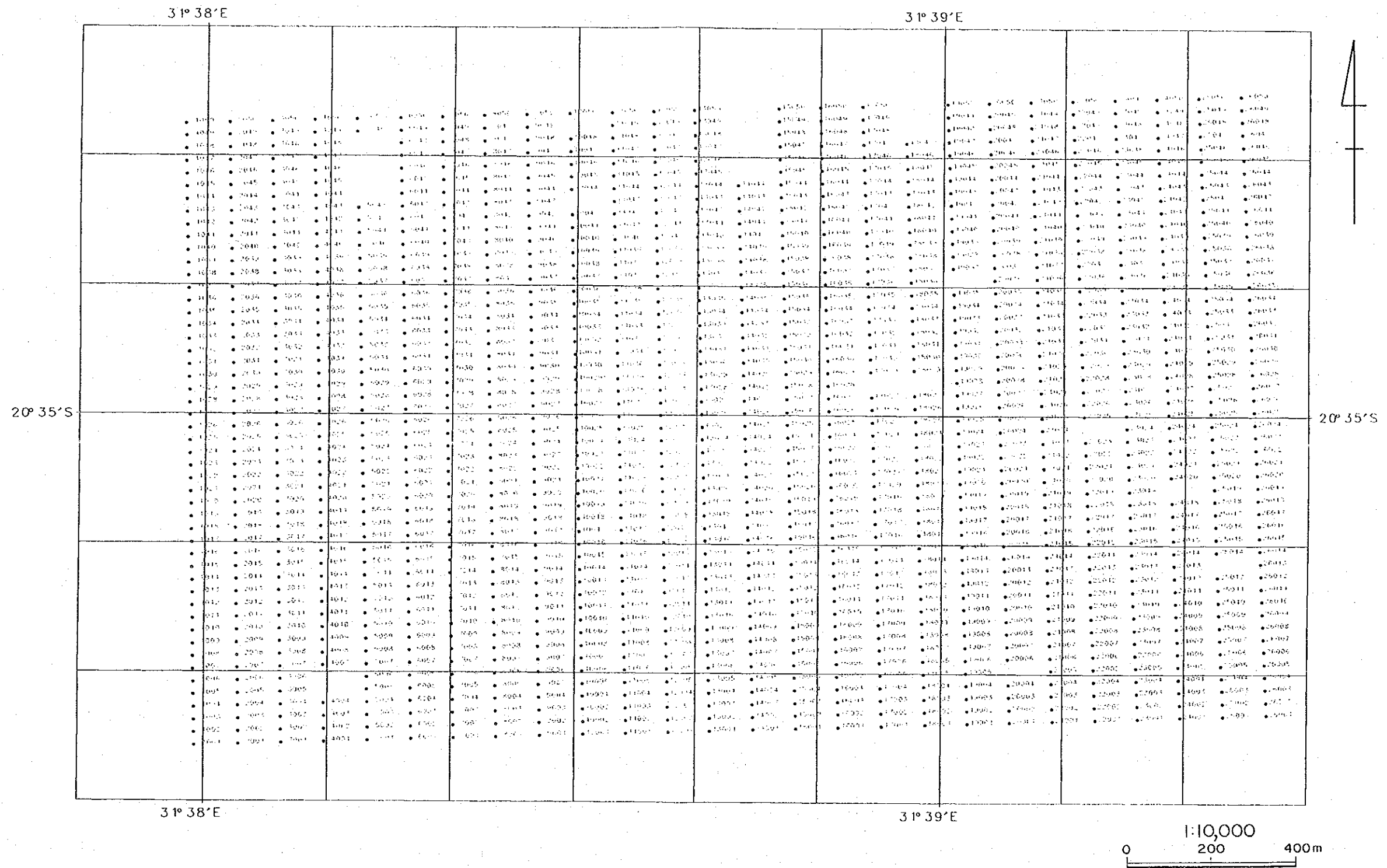
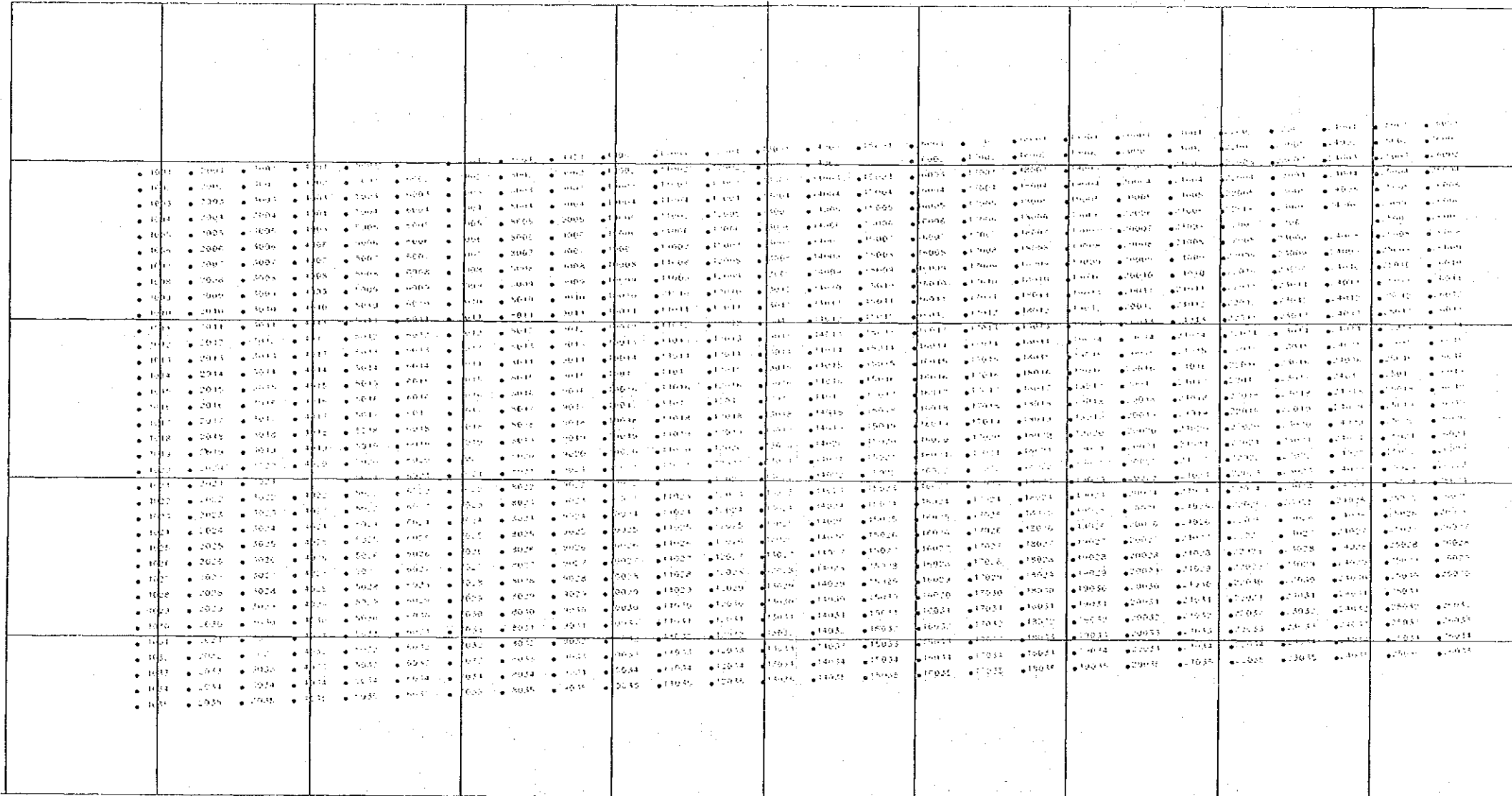


PLATE 1 Locality Map of Soil Samples (2) JEGEDE ZONE

31° 41' E



20° 34' S

31° 41' E

20° 34' S

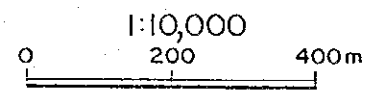


PLATE 1 Locality Map of Soil Samples (3) MUCHACHA ZONE

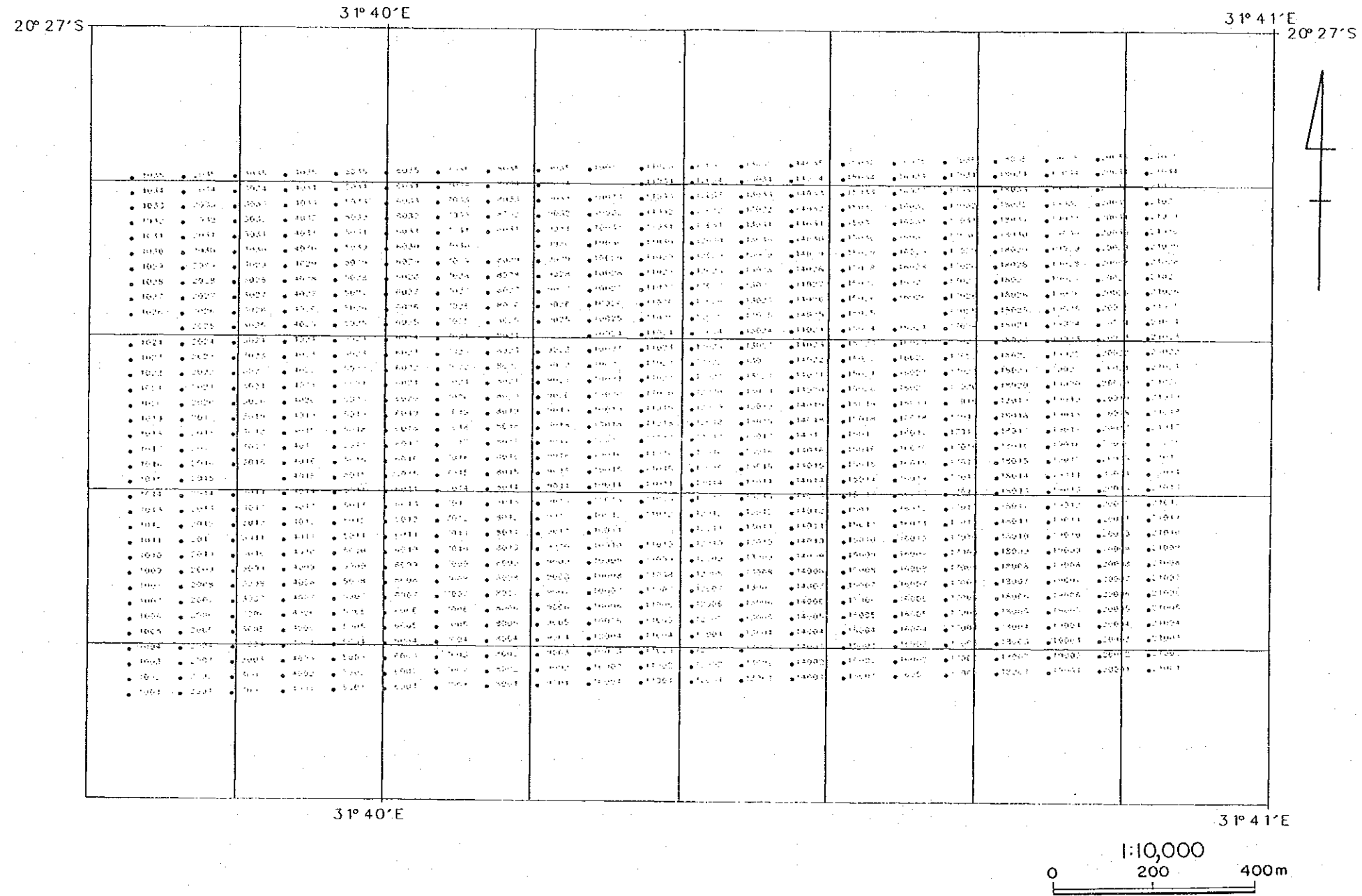


PLATE 1 Locality Map of Soil Samples (4) BENZI ZONE

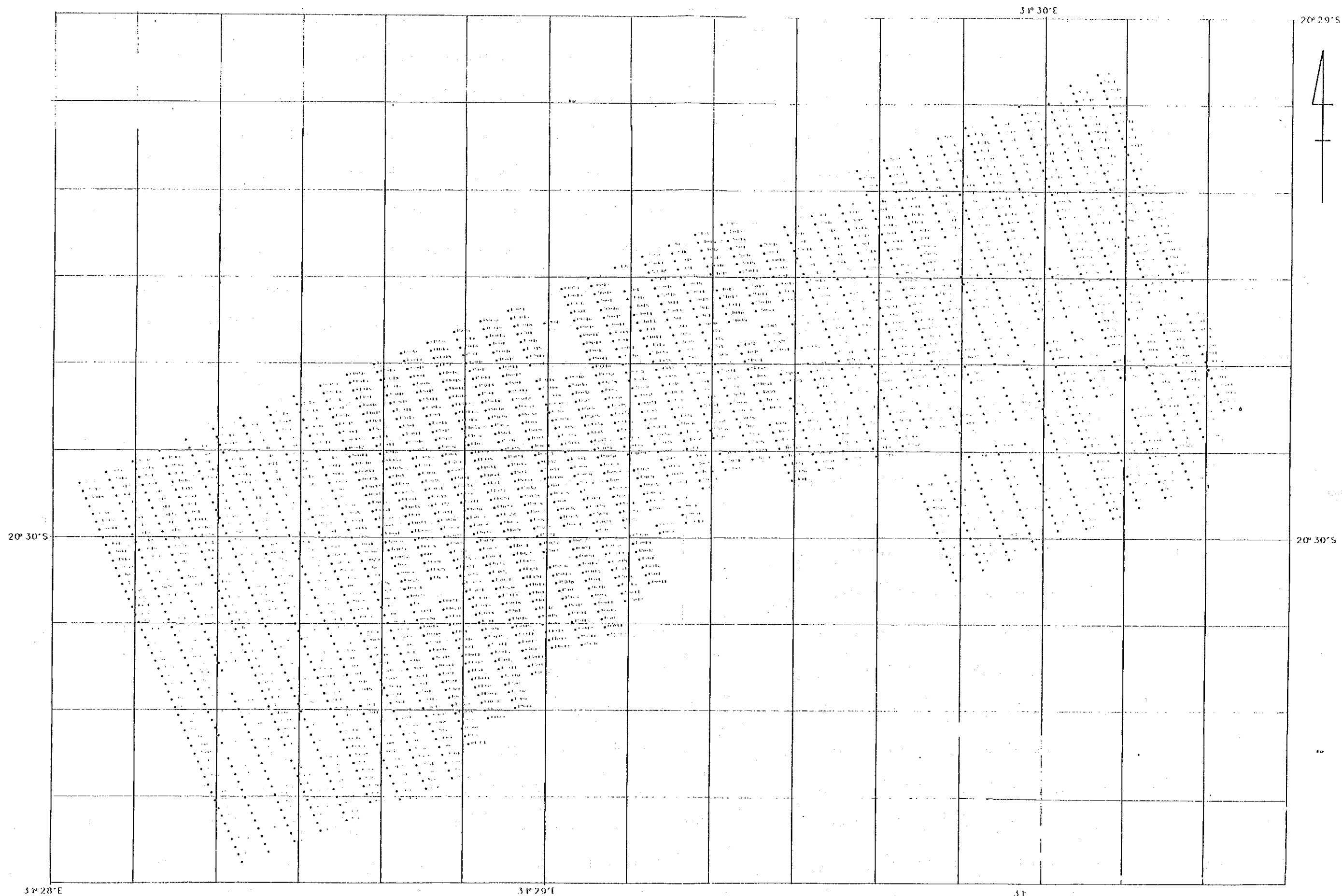


PLATE 1 Locality Map of Soil Samples (5) RUPIRI ZONE

