

A-7 EPMA 定量分析結果一覽表

ABBREVIATION

ZAF : ZAF correction

Z : Atomic number correction

A : Absorption correction

F : Fluorescence correction

(1)

SAMPLE NAME JEGEDE1PT Marcasite : FeS₂

SAMPLE NAME JEGEDE1PT

Arsenopyrite : (Fe,Co,Ni) As S

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.128	0.183	0.116	1.1048	0.9172	1.2256	0.9844
S	52.447	65.353	58.623	0.89716	1.0349	0.8621	0.9994
FE	44.372	39.360	46.148	1.0135	0.9996	1.0148	0.9992
CO	0.123	0.234	0.358	1.0334	1.0093	1.0093	1.0000
NI	0.166	0.448	0.629	1.0450	1.0381	1.0381	1.0000
	100.377	100.000	106.079				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.179	0.333	0.337	1.1043	0.9173	1.2250	0.9847
S	51.988	65.300	58.248	0.8925	1.0350	0.8629	0.9994
FE	46.389	33.487	42.462	1.0432	0.9994	1.0148	0.9992
CO	0.123	0.234	0.358	1.0334	1.0093	1.0093	1.0000
NI	0.166	0.447	0.629	1.0450	1.0381	1.0381	1.0000
	99.799	100.000	105.352				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.197	0.281	0.178	1.1045	0.9173	1.2251	0.9844
S	52.318	63.364	58.666	0.8928	1.0350	0.8629	0.9994
FE	45.358	38.222	46.346	1.0431	0.9994	1.0148	0.9992
CO	0.123	0.234	0.358	1.0334	1.0093	1.0093	1.0000
NI	0.166	0.447	0.629	1.0450	1.0381	1.0381	1.0000
	100.164	100.000	105.823				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

SAMPLE NAME JEGEDE1PT Pyrite : FeS₂

SAMPLE NAME JEWEDE1PT

Hyperthene : (Fe,Mg) SiO₃

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.027	0.039	0.025	1.1056	0.9172	1.2244	0.9845
S	52.693	65.695	59.163	0.8906	1.0348	0.8612	0.9994
FE	43.358	35.123	46.181	1.0430	0.9994	1.0148	0.9992
CO	0.123	0.234	0.358	1.0333	1.0093	1.0093	1.0000
NI	0.165	0.485	0.664	1.0454	1.0386	1.0386	1.0000
	100.616	100.000	106.406				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.288	0.341	0.215	1.1045	0.9174	1.2229	0.9845
S	52.693	65.695	59.163	0.8912	1.0351	0.8615	0.9994
FE	44.947	38.271	46.371	1.0431	0.9994	1.0148	0.9992
CO	0.123	0.234	0.358	1.0333	1.0093	1.0093	1.0000
NI	0.166	0.446	0.664	1.0457	1.0385	1.0385	1.0000
	99.489	100.000	105.147				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.225	0.225	0.170	1.1065	0.9170	1.2259	0.9848
S	51.339	65.329	58.623	0.8927	1.0349	0.8629	0.9994
FE	47.302	34.240	44.653	1.0430	0.9994	1.0148	0.9992
CO	0.123	0.234	0.358	1.0333	1.0093	1.0093	1.0000
NI	0.166	0.446	0.664	1.0454	1.0384	1.0384	1.0000
	99.438	100.000	104.987				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
S	16.943	26.842	15.735	1.0349	0.9444	1.0735	0.9997
AS	49.270	34.758	42.759	0.7891	1.0328	0.7488	1.0000
FE	31.750	31.773	34.163	0.9294	0.9229	1.0151	0.9922
CO	2.408	2.264	2.536	0.9488	0.9229	1.0095	0.9880
NI	0.357	0.340	0.381	0.9380	0.9227	1.0275	0.9861
	100.329	100.000	115.793				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
S	16.747	29.081	16.174	1.0354	0.9449	1.0734	0.9997
AS	48.704	36.172	41.763	0.7883	1.0328	0.7488	1.0000
FE	31.800	31.800	34.163	0.9294	0.9229	1.0150	0.9874
CO	2.324	0.307	0.345	0.9390	0.9264	1.0277	0.9843
NI							
	100.443	100.000	115.514				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
S	16.635	26.834	15.734	1.0353	0.9450	1.0734	0.9997
AS	48.331	34.237	41.379	0.7874	1.0328	0.7479	1.0000
FE	31.854	32.038	34.247	0.9301	0.9234	1.0130	0.9923
CO	2.377	2.264	2.500	0.9300	0.9300	1.0095	0.9882
NI	0.328	0.314	0.349	0.9391	0.9264	1.0278	0.9863
	99.324	100.000	114.540				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	11.239	40.862	48.740	0.8461	0.9649	0.8752	1.0000
O	22.478	11.342	23.171	1.1831	0.7675	1.2228	1.0000
FE	7.844	7.617	7.844	1.4158	0.9724	1.4412	1.0000
CA	0.354	0.208	0.337	1.0513	1.0159	1.0421	0.9934
MN	0.345	0.148	0.324	1.0453	1.0403	1.0050	0.9931
AL	0.720	0.631	0.544	1.3251	0.9843	1.3575	0.9917
	100.155	100.000	99.971				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	41.121	60.728	48.435	0.8490	0.9669	0.8790	1.0000
SI	22.272	17.282	17.378	1.1829	0.7677	1.2224	1.0000
FE	7.844	7.617	7.844	1.4158	0.9724	1.4412	1.0000
CA	0.410	0.236	0.380	1.0513	1.0156	1.0421	0.9934
MN	0.345	0.153	0.324	1.0453	1.0403	1.0051	0.9931
AL	0.764	0.670	0.577	1.3240	0.9844	1.3562	0.9917
	100.045	100.000	99.613				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	40.627	60.469	47.920	0.8478	0.9645	0.8772	1.0000
SI	24.703	11.384	23.000	1.1828	0.7679	1.2228	1.0000
FE	7.941	7.941	7.941	1.4149	0.9722	1.4412	1.0000
CA	0.347	0.203	0.330	1.0513	1.0156	1.0421	0.9931
MN	0.419	0.179	0.388	1.0453	1.0400	1.0051	0.9931
AL	0.487	0.430	0.367	1.3282	0.9840	1.3611	0.9917
	99.353	100.000	99.112				

(PHILIBERT-TIXIER)

(PAC1)

(PHILIBERT-TIXIER)

(2)

SAMPLE NAME JUWERE1PT Hypertene : (Fe,Mg) SiO₃

SAMPLE NAME HOVEE1PT Ilmenite : FeTiO₃

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	41.416	40.688	49.479	0.8543	0.9679	0.8626	1.0000
Si	20.470	19.589	17.897	1.1600	0.7686	1.2030	1.0000
Fe	35.927	19.584	24.274	1.0651	0.7035	1.4439	1.0000
Mg	0.221	0.229	0.425	1.0332	1.0171	1.0424	0.9934
Al	0.240	0.111	0.244	1.0471	1.0617	1.0000	1.0000
Mn	0.619	0.538	0.469	1.3211	0.9854	1.3523	0.9915
AL							
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	41.649	40.711	48.934	0.8511	0.9492	0.8791	1.0000
Si	23.353	19.454	19.784	1.1804	0.7689	1.2189	1.0000
Fe	25.727	10.779	24.081	1.0684	0.7035	1.0019	1.0000
Mg	8.240	7.932	3.879	1.4016	0.7798	1.4466	0.9963
Al	0.312	0.135	0.282	1.0324	1.0420	1.0000	1.0000
AL	0.649	0.573	0.500	1.3210	0.9856	1.3517	0.9915
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	41.611	40.995	48.204	0.8632	0.9484	0.8914	1.0000
Si	23.021	19.221	19.509	1.1800	0.7671	1.2177	1.0000
Fe	25.265	10.609	23.654	1.0689	0.7021	1.0021	1.0000
Mg	0.256	0.250	0.454	1.0324	1.0176	1.0418	0.9935
Al	0.762	0.148	0.347	1.0680	1.0433	1.0054	1.0000
AL							
100.000 (PHILIBERT-TIXIER)							

SAMPLE NAME JUWERE2PT Ilmenite : FeTiO₃

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.773	40.144	21.495	1.4782	0.9169	1.6121	1.0000
Ti	31.037	19.431	32.070	0.9678	0.9850	1.0888	0.9740
Fe	34.197	19.434	33.238	1.0272	1.0041	1.0280	1.0000
Mn	1.031	0.569	0.797	1.0340	1.0012	1.0329	1.0000
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.527	59.956	21.340	1.4774	0.9166	1.6119	1.0000
Ti	30.972	19.674	32.016	0.9674	0.9846	1.0889	0.9739
Fe	34.321	19.788	33.373	1.0268	1.0037	1.0280	1.0000
Mn	1.049	0.581	0.815	1.0336	1.0008	1.0329	1.0000
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	32.243	60.674	21.792	1.4795	0.9177	1.6122	1.0000
Ti	31.047	19.516	32.047	0.9686	0.9859	1.0886	0.9743
Fe	35.676	19.233	34.497	1.0282	1.0051	1.0280	1.0000
Mn	1.054	0.578	1.019	1.0350	1.0021	1.0328	1.0000
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	36.512	44.689	23.480	1.3550	0.9253	1.6805	1.0000
Ti	35.149	19.679	33.883	0.9800	0.9943	1.0048	0.9789
Fe	30.054	15.501	28.924	1.0891	1.0144	1.0245	1.0000
Al	0.192	0.103	0.191	1.0446	1.0112	1.0347	1.0000
Mn	0.964	0.169	0.191	1.0446	1.0112	1.0347	1.0000
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	34.791	44.724	23.254	1.3543	0.9251	1.6824	1.0000
Ti	33.053	19.749	33.745	0.9797	0.9940	1.0059	0.9788
Fe	30.015	15.378	28.894	1.0988	1.0141	1.0244	1.0000
Al	0.080	0.044	0.084	1.0155	1.0114	1.0476	0.9990
Mn	0.198	0.103	0.187	1.0458	1.0109	1.0345	1.0000
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	36.600	44.669	23.490	1.3621	0.9250	1.6889	1.0000
Ti	35.070	19.679	33.883	0.9800	0.9943	1.0048	0.9789
Fe	30.070	15.501	28.924	1.0891	1.0144	1.0245	1.0000
Mn	0.946	0.169	0.191	1.0458	1.0113	1.0472	0.9991
AL	0.131	0.068	0.124	1.0459	1.0108	1.0347	1.0000
100.000 (PHILIBERT-TIXIER)							

SAMPLE NAME HOVEE1PT Unknown : Fe₂+SiO₂ (?)

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	27.635	45.766	22.493	1.2286	0.9383	1.2820	1.0000
S	28.629	23.629	29.092	0.9841	1.0831	0.9092	0.9995
Fe	23.921	11.398	22.304	1.1754	0.9892	1.2184	0.9995
Al	19.193	0.185	17.659	1.0748	0.9296	1.1293	0.9917
CU	0.316	0.132	0.244	1.1896	1.1746	1.0128	1.0000
Mg	0.059	0.065	0.044	1.2365	0.9645	1.3724	0.9933
NI	0.044	0.020	0.040	1.0852	1.0641	1.0016	1.0000
CO	0.179	0.081	0.164	1.0737	1.0937	1.0016	0.9993
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	37.023	39.374	24.907	1.2422	0.9454	1.2500	1.0000
Fe	30.743	14.397	25.345	0.9431	1.0490	0.9019	0.9994
Al	0.223	0.323	0.243	1.0483	1.0377	1.0108	0.9994
SI	15.018	15.215	13.814	1.2049	0.9454	1.2633	0.9898
CU	0.302	0.141	0.257	1.0849	0.9472	1.1269	0.9903
Mg	0.029	0.035	0.021	1.1749	1.1552	1.0170	1.0000
NI	0.149	0.075	0.139	1.3883	0.9519	1.4612	0.9939
CO	1.132	0.167	0.123	1.0780	1.0471	1.0635	1.0000
100.000 (PHILIBERT-TIXIER)							

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	36.024	31.541	22.451	1.2412	0.9410	1.2111	1.0000
Fe	33.005	18.270	31.626	0.9438	1.0324	0.9074	0.9995
Al	0.439	0.326	0.378	1.2143	0.9593	1.2780	0.9904
SI	18.192	14.519	12.076	1.0924	0.9430	1.1705	0.9877
CU	0.375	0.182	0.320	1.1700	1.1488	1.0184	1.0000
Mg	0.042	0.059	0.030	1.4003	0.9477	1.4853	0.9941
NI	0.377	0.041	0.072	1.0699	1.0915	1.0279	1.0000
CO	1.121	0.112	0.086	1.0742	1.0682	1.0279	0.9993
100.000 (PHILIBERT-TIXIER)							

(3)

SAMPLE NAME HOVEE2PT Ilmenite : FeTiO₃

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
37.000	45.148	23.892	1.5807	0.9268	1.732	1.0000
32.863	19.508	33.441	0.9821	1.0649	1.0000	0.9793
29.621	14.926	28.447	1.0605	1.0142	1.0240	1.0000
0.099	0.113	0.041	1.4300	0.9331	1.7469	0.9799
0.448	0.448	0.379	1.1804	0.9284	1.0000	1.0000
0.068	0.033	0.065	1.0475	1.0129	1.0342	1.0000

100.148 100.000 86.325 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
34.543	64.949	23.420	1.5603	0.9263	1.6845	1.0000
32.931	19.562	33.566	0.9817	1.0649	1.0000	0.9794
29.362	14.926	28.227	1.0402	1.0156	1.0242	1.0000
0.069	0.064	0.044	1.4299	0.9327	1.7477	0.9799
0.407	0.412	0.375	1.1850	0.9272	1.0224	1.0000
0.068	0.033	0.065	1.0475	1.0129	1.0342	1.0000

99.415 100.000 85.479 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
36.909	65.054	23.748	1.5542	0.9266	1.6778	1.0000
32.566	19.591	33.589	0.9820	1.0650	1.0000	0.9790
28.229	14.926	28.227	1.0402	1.0156	1.0242	1.0000
0.076	0.069	0.047	1.4294	0.9330	1.7468	0.9799
0.420	0.420	0.383	1.1800	0.9283	1.0270	0.9994
0.075	0.039	0.072	1.0474	1.0127	1.0343	1.0000

100.060 100.000 86.244 (PHILIBERT-TIXIER)

SAMPLE NAME DINHIRO2PT Ilmenite : FeTiO₃

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
34.688	62.994	22.446	1.5918	0.9215	1.6623	1.0000
32.747	19.662	33.620	0.9740	1.0691	1.0074	0.9765
30.099	15.457	29.110	1.0340	1.0099	1.0238	1.0000
2.091	1.497	2.720	1.0410	1.0067	1.0341	1.0000

100.366 100.000 88.096 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
34.845	63.094	22.770	1.5312	0.9217	1.6613	1.0000
32.785	19.816	33.650	0.9743	1.0693	1.0074	0.9764
30.167	15.688	29.167	1.0342	1.0100	1.0239	1.0000
2.793	1.451	2.644	1.0412	1.0069	1.0341	1.0000

100.567 100.000 86.231 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
32.955	63.646	22.908	1.5358	0.9219	1.6659	1.0000
29.937	19.847	33.646	0.9743	1.0693	1.0074	0.9768
2.722	1.431	2.613	1.0344	1.0105	1.0239	1.0000
1.664	1.431	1.818	1.0414	1.0072	1.0342	1.0000

100.664 100.000 88.188 (PHILIBERT-TIXIER)

SAMPLE NAME MUCHACHA2PT Ilmenite : FeTiO₃

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
37.207	45.438	23.385	1.5910	0.9268	1.7167	1.0000
34.135	20.034	34.730	0.9829	1.0649	1.0065	0.9865
27.994	14.105	26.876	1.0416	1.0142	1.0231	0.9999
0.075	0.087	0.046	1.4242	0.9331	1.7406	1.0000
0.097	0.019	0.035	1.0489	1.0130	1.0354	0.9999
0.448	0.447	0.379	1.1851	0.9284	1.0140	1.0000
0.138	0.044	0.135	1.0475	1.0135	1.0462	1.0000
0.138	0.044	0.135	1.0475	1.0135	1.0462	0.9823

99.998 100.000 85.479 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
37.123	45.313	23.221	1.5987	0.9265	1.7294	1.0000
34.452	20.247	35.064	0.9823	1.0649	1.0064	0.9865
28.101	14.164	26.978	1.0416	1.0140	1.0233	1.0000
0.064	0.074	0.032	1.4229	0.9327	1.7388	1.0000
0.098	0.003	0.002	1.0488	1.0127	1.0357	1.0000
0.448	0.447	0.379	1.1851	0.9284	1.0141	1.0000
0.138	0.044	0.135	1.0475	1.0135	1.0462	1.0000
0.138	0.044	0.135	1.0475	1.0135	1.0462	0.9824

100.028 100.000 85.560 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
34.873	65.089	23.090	1.5969	0.9260	1.7244	1.0000
34.421	20.296	35.034	0.9819	1.0651	1.0065	0.9864
28.470	14.397	27.433	1.0408	1.0153	1.0252	1.0000
0.061	0.070	0.037	1.4254	0.9324	1.7435	1.0000
0.071	0.030	0.073	1.0482	1.0121	1.0357	1.0000
0.448	0.447	0.379	1.1851	0.9284	1.0142	1.0000
0.057	0.062	0.068	1.0475	1.0126	1.0465	1.0000
0.057	0.062	0.068	1.0475	1.0126	1.0465	0.9819

100.060 100.000 85.745 (PHILIBERT-TIXIER)

SAMPLE NAME MUCHACHA2PT Ilmenite : FeTiO₃

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
31.417	59.799	31.241	1.6977	0.9165	1.6123	1.0000
30.984	19.636	31.990	0.9684	1.0646	1.0044	0.9784
34.627	19.972	35.684	1.0244	1.0231	1.0231	0.9999
0.123	0.151	0.071	1.6875	0.9232	1.8278	1.0000
0.212	0.118	0.203	1.0353	1.0007	1.0329	0.9998
0.630	0.293	0.588	1.0710	1.0534	1.0148	1.0000
0.142	0.027	0.004	1.3960	0.9345	1.4939	1.0000
0.142	0.027	0.004	1.3960	0.9345	1.4939	0.9492

99.939 100.000 89.737 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
32.767	61.092	22.187	1.4769	0.9188	1.6075	1.0000
30.910	19.250	31.845	0.9707	1.0687	1.0087	0.9748
35.769	19.073	34.697	1.0292	1.0063	1.0229	0.9998
0.157	0.193	0.094	1.6799	0.9234	1.8132	1.0000
0.235	0.122	0.227	1.0359	1.0033	1.0225	0.9999
0.628	0.301	0.576	1.0710	1.0534	1.0143	1.0000
0.142	0.027	0.004	1.3960	0.9345	1.4939	1.0000
0.142	0.027	0.004	1.3960	0.9345	1.4939	0.9492

100.293 100.000 89.528 (PHILIBERT-TIXIER)

CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
31.532	40.134	31.348	1.4770	0.9171	1.6105	1.0000
30.532	19.527	31.687	0.9687	1.0680	1.0090	0.9748
36.159	19.755	35.198	1.0273	1.0044	1.0231	0.9997
0.141	0.177	0.084	1.6853	0.9238	1.8221	1.0000
0.223	0.124	0.216	1.0341	1.0014	1.0328	0.9999
0.629	0.292	0.405	1.0719	1.0543	1.0167	1.0000
0.142	0.027	0.004	1.3960	0.9345	1.4939	1.0000
0.142	0.027	0.004	1.3960	0.9345	1.4939	0.9492

99.262 100.000 89.009 (PHILIBERT-TIXIER)

(4)

SAMPLE NAME MUCHACHA2PT Unknown : FeS₂+SiO₂ (?) SAMPLE NAME GORGWE3PT Pyrite : FeS₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	2.999	7.025	2.114	1.3745	0.9182	1.6271	1.0000
S	52.824	46.732	48.610	1.0947	1.0947	1.0144	0.9995
SI	44.421	80.732	43.610	1.0164	1.0164	1.0144	0.9995
TI	0.695	0.675	0.628	1.1056	0.9213	1.2184	0.9989
CO	0.173	0.077	0.094	1.0197	0.9866	1.0404	0.9746
AL	0.088	0.113	0.145	1.0499	1.0388	1.0090	0.9999
NL	0.244	0.084	0.042	1.2604	0.9372	1.3539	0.9993
CU	0.132	0.126	0.126	1.0153	1.0153	1.0000	1.0000
	99.204	100.000	103.374	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	2.883	4.248	1.8731	1.3731	0.9182	1.4955	1.0000
S	50.217	40.570	54.059	0.8958	1.0395	0.8623	0.9994
SI	64.390	30.735	43.897	1.0184	1.0184	1.0144	0.9993
TI	0.869	1.066	0.723	1.1040	0.9213	1.2188	0.9989
CO	0.132	0.076	0.069	1.0196	0.9866	1.0404	0.9746
AL	0.077	0.087	0.124	1.0499	1.0388	1.0090	0.9999
NL	0.244	0.084	0.042	1.2604	0.9372	1.3539	0.9993
CU	0.132	0.126	0.126	1.0153	1.0153	1.0000	1.0000
	99.147	100.000	103.239	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
O	2.945	6.871	2.073	1.3727	0.9180	1.4923	1.0000
S	50.297	40.623	54.152	0.8957	1.0393	0.8624	0.9994
SI	44.527	30.809	43.739	1.0182	1.0182	1.0144	0.9992
TI	0.869	1.065	0.723	1.1040	0.9213	1.2184	0.9989
CO	0.101	0.067	0.097	1.0384	1.0384	1.0076	0.9956
AL	0.031	0.073	0.040	1.2614	0.9371	1.3555	0.9953
NL	0.393	0.258	0.374	1.0490	1.0118	1.0367	1.0000
CU	0.272	0.238	0.238	1.1437	1.1153	1.0255	1.0000
	99.541	100.000	103.486	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME GORGWE2PT Pyrite : FeS₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.004	0.005	0.003	1.1040	0.9174	1.2243	0.9844
S	52.985	65.990	59.417	0.8901	1.0351	0.8604	0.9994
FE	47.534	33.905	46.647	1.0147	0.9980	1.0189	1.0000
CO	0.146	0.099	0.140	1.0434	1.0337	1.0094	1.0000
NL	0.000	0.000	0.000				
	100.348	100.000	104.208	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.007	0.010	0.006	1.1071	0.9168	1.2243	0.9847
S	53.140	65.367	59.524	0.8909	1.0344	0.8619	0.9974
FE	47.931	34.508	47.003	1.0157	0.9980	1.0189	1.0000
CO	0.137	0.094	0.136	1.0432	1.0337	1.0092	1.0000
NL	0.031	0.076	0.042	1.2642	0.9381	1.3589	0.9993
	100.247	100.000	105.994	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.012	0.017	0.011	1.1045	0.9174	1.2230	0.9844
S	52.894	65.924	59.416	0.8902	1.0351	0.8606	0.9994
FE	47.889	33.889	46.688	1.0145	0.9980	1.0189	0.9999
CO	0.182	0.124	0.175	1.0453	1.0336	1.0094	1.0000
NL	0.069	0.047	0.066	1.0456	1.0069	1.0385	1.0000
	100.325	100.000	106.356	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME GORGWE3PT Pyrite : FeS₂

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
S	51.937	65.194	59.309	0.8911	1.0347	0.8622	0.9993
FE	48.319	34.804	47.676	1.0135	0.9988	1.0147	1.0000
	100.276	100.000	105.985	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
S	52.378	65.449	59.803	0.8907	1.0345	0.8616	0.9993
FE	48.169	34.551	47.508	1.0139	0.9992	1.0147	1.0000
	100.546	100.000	106.311	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
S	52.887	65.912	59.081	0.8904	1.0348	0.8610	0.9994
FE	47.752	34.320	47.091	1.0142	0.9995	1.0148	1.0000
	100.209	100.000	105.999	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME GORGWE4PT Millerite : NiS

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.031	0.002	0.001	1.2971	0.9106	1.4333	0.9925
S	34.887	49.326	36.142	0.9453	1.0273	0.9397	1.0000
FE	2.367	2.952	0.8698	0.8698	0.9882	1.0139	0.8686
CO	0.926	0.031	0.031	1.0254	1.0254	1.0000	1.0000
NL	0.000	0.000	0.000				
	100.392	100.000	101.979	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.008	0.012	0.006	1.2975	0.9104	1.4361	0.9925
S	34.728	49.174	36.129	0.9454	1.0270	0.9397	1.0000
FE	2.205	2.205	0.8129	0.8700	0.9879	1.0132	0.8681
CO	1.078	0.043	0.043	1.0289	1.0289	1.0081	1.0000
NL	0.000	0.000	0.000				
	100.678	100.000	102.284	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(%)	ATOM(%)	K(%)	ZAF	Z	A	F
SI	0.000	0.000	0.000				
S	34.728	49.174	35.974	0.9454	1.0271	0.9399	1.0000
FE	2.223	2.214	0.8130	0.8700	0.9880	1.0132	0.8691
CO	1.036	0.049	0.049	1.0289	1.0289	1.0081	1.0000
NL	0.000	0.000	0.000				
	100.318	100.000	101.925	(PAC1)	(PHILIBERT-TIXIER)		

(5)

SAMPLE NAME UMKONDD1PT Cuprite : Cu₂O

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	10.338	31.412	12.143	0.6500	0.6586	0.5903	1.0000
Cu	87.663	46.588	87.032	1.0360	1.0307	0.9994	1.0000
	100.001	100.000	99.215	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	10.324	31.812	12.386	0.6498	0.6590	0.5999	1.0000
Cu	87.646	46.581	87.285	1.0352	1.0303	0.9994	1.0000
	100.080	100.000	99.294	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	10.325	31.812	12.386	0.6498	0.6590	0.5999	1.0000
Cu	87.604	46.188	86.953	1.0305	1.0312	0.9993	1.0000
	100.128	100.000	99.339	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME RENCO1PT Ilmenite : FeTiO₃

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.242	40.299	22.219	1.4376	0.9171	1.5675	1.0000
Ti	29.798	18.789	17.973	0.9852	0.9891	0.9729	0.9729
Fe	38.331	20.730	37.344	1.0245	1.0220	1.0000	1.0000
Mn	0.332	0.182	1.0329	1.0329	1.0312	1.0000	1.0000
	100.402	100.000	90.451	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.258	40.299	22.140	1.4372	0.9167	1.5569	1.0000
Ti	29.859	18.644	17.973	0.9848	0.9891	0.9729	0.9729
Fe	38.786	21.097	37.746	1.0245	1.0220	1.0000	1.0000
Mn	0.336	0.186	1.0321	1.0321	1.0312	1.0000	1.0000
	100.029	100.000	90.487	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.736	40.189	22.034	1.4412	0.9170	1.5717	1.0000
Ti	29.327	18.690	17.973	0.9851	0.9891	0.9730	0.9730
Fe	38.331	20.730	37.344	1.0245	1.0221	1.0000	1.0000
Mn	0.330	0.184	1.0317	1.0317	1.0317	1.0000	1.0000
	100.120	100.000	90.421	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME RENCO1PT Ilmenite : FeTiO₃

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.729	40.168	21.822	1.4490	0.9158	1.5821	1.0000
Ti	30.046	19.233	31.107	0.9657	0.9838	1.0072	0.9728
Fe	37.996	20.640	37.041	1.0232	1.0028	1.0224	1.0000
Mn	0.710	0.394	0.488	1.0319	0.9999	1.0320	1.0000
	99.807	100.000	90.289	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.729	40.168	21.822	1.4520	0.9169	1.5836	1.0000
Ti	30.175	19.114	31.176	0.9673	0.9850	1.0090	0.9732
Fe	37.984	20.641	36.985	1.0285	1.0041	1.0224	1.0000
Mn	0.673	0.372	0.482	1.0332	1.0011	1.0320	1.0000
	100.030	100.000	90.183	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
O	31.707	40.168	21.822	1.4512	0.9163	1.5844	1.0000
Ti	30.138	19.215	31.156	0.9682	0.983	1.0071	0.9731
Fe	37.735	20.441	36.782	1.0288	1.0033	1.0224	1.0000
Mn	0.664	0.369	0.443	1.0324	1.0004	1.0321	1.0000
	99.893	100.000	90.148	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME RENCO2PT Pyrite : FeS

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
S	38.938	51.721	41.764	0.9069	1.0191	0.8906	0.9992
Fe	61.066	48.279	62.286	0.9936	0.9823	1.0115	1.0000
	99.944	100.000	104.250	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
S	37.919	51.712	41.811	0.9059	1.0191	0.8906	0.9992
Fe	61.682	48.288	62.081	0.9936	0.9823	1.0115	1.0000
	99.601	100.000	103.892	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(Z)	ATOM(Z)	K(Z)	ZAF	Z	A	F
S	38.311	51.800	42.249	0.9068	1.0192	0.8904	0.9992
Fe	62.022	48.170	62.417	0.9937	0.9824	1.0115	1.0000
	100.337	100.000	104.666	(PAC1)	(PHILIBERT-TIXIER)		

SAMPLE NAME RENCO2PT Pyrite : FeS

	CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
S	38.287	51.799	42.132	0.9048	1.0192	0.8905	0.9992
FE	61.934	48.201	62.329	0.9957	0.9824	1.0115	1.0000
	100.142	100.000	104.461	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
S	37.985	51.684	41.892	0.9047	1.0193	0.8903	0.9992
FE	61.365	48.116	61.748	0.9958	0.9825	1.0115	1.0000
	99.350	100.000	103.640	(PAC1)	(PHILIBERT-TIXIER)		

	CONC(X)	ATOM(X)	K(X)	ZAF	Z	A	F
S	38.527	52.337	42.854	0.9060	1.0200	0.8900	0.9992
FE	61.031	47.441	61.574	0.9974	0.9835	1.0117	1.0000
	99.378	100.000	104.228	(PAC1)	(PHILIBERT-TIXIER)		

A-8 モード分析結果一覧表

(1)

ROCK NAME ROCK CODE SAMPLE NO.	1 ENEISSOSE GRANULITE < 5 > G 9		2 MAFIC GRANULITE < 8 > F 3		3 ENEISSOSE GRANULITE < 5 > R 1		4 ENEISSOSE GRANULITE < 5 > S 4		5 DOLERITE < 1 > T 3		6 MAFIC GRANULITE < 3 > U 4		7 ENEISSOSE GRANULITE < 5 > W 3		8 ENEISSOSE GRANULITE < 5 > Z 2	
	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.
QUARTZ	19.05	476	0.00	0	24.30	555	31.27	820	0.25	5	0.00	0	27.15	577	43.06	852
PLAGIOCLASE	62.22	1,555	1.10	22	9.33	213	14.53	381	42.43	861	19.91	399	54.57	1,361	30.12	603
K-FELDSPAR	4.60	115	0.00	0	57.53	1,314	33.18	870	0.34	7	0.00	0	1.04	26	18.83	377
BIOTITE	1.08	27	0.00	0	5.87	134	0.46	12	0.59	12	0.00	0	3.13	78	0.95	19
MUSCOVITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.40	8	0.00	0	0.00	0
ORTHOPYROXENE	10.36	259	62.85	1,257	1.09	25	0.00	0	1.33	27	32.73	656	5.38	159	4.25	85
CLINOPYROXENE	0.00	0	0.00	0	0.00	0	0.00	0	27.45	557	0.15	3	4.81	120	0.00	0
GARNET	0.00	0	0.00	0	0.00	0	0.46	12	0.00	0	0.00	0	0.00	0	0.00	0
SPINEL	0.00	0	2.25	45	0.00	0	0.00	0	0.00	0	8.13	153	0.00	0	0.00	0
AMPHIBOLE	0.08	2	33.80	676	0.00	0	0.00	0	18.09	357	29.39	589	0.76	19	0.00	0
ACTINOLITE	0.00	0	0.00	0	0.00	0	0.15	4	0.00	0	0.00	0	0.00	0	0.00	0
CHLORITE	0.00	0	0.00	0	0.00	0	6.67	175	8.03	163	7.78	156	0.00	0	0.05	1
EPIDOTE	0.00	0	0.00	0	0.00	0	0.11	3	0.00	0	0.00	0	0.00	0	0.00	0
SERICITE	0.00	0	0.00	0	0.00	0	12.85	337	0.00	0	0.00	0	0.00	0	0.00	0
ZIRCON	0.00	0	0.00	0	0.04	1	0.11	3	0.00	0	0.00	0	0.04	1	0.05	1
APATITE	0.08	2	0.00	0	0.31	7	0.00	0	0.00	0	0.00	0	0.40	10	0.40	8
MONAZITE	0.00	0	0.00	0	0.04	1	0.00	0	0.00	0	0.00	0	0.04	1	0.05	1
OPAQUE MINERAL	2.52	53	0.00	0	1.49	34	0.19	5	1.48	30	1.50	30	1.68	42	2.25	45
T O T A L (%)	100	2,499	100	2,000	100	2,284	100	2,622	100	2,028	100	2,004	100	2,494	100	2,002

(2)

ROCK NAME ROCK CODE	9 FELSIC GRANULITE < 4 >		10 GNEISSE GRANULITE < 5 >		11 GNEISSE GRANITE < 1 >		12 GNEISSE GRANULITE < 5 >		13 GNEISSE GRANULITE < 5 >		14 MAFIC GRANULITE < 3 >		15 QUARTZ EPIDOTE VEIN < 4 >		16 GNEISSE GRANULITE < 5 >	
	FDH-17		RENCO-1		A-2		A-5		F-4		F-5		J-1		K-4	
SAMPLE NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.	VOLUME %	COUNT NO.
QUARTZ	34.01	682	49.36	1,235	84.23	1,939	39.20	786	29.68	739	0.05	1	48.35	995	36.17	726
PLAGIOCLASE	29.33	588	35.89	898	0.61	14	38.75	777	57.19	1,424	52.66	1,159	0.00	0	30.74	617
K-FELDSPAR	36.36	729	6.00	150	12.77	294	3.34	67	3.57	89	0.14	3	1.12	23	8.27	165
BIOTITE	0.00	0	4.48	112	0.00	0	15.61	313	6.71	167	0.09	2	0.00	0	0.00	0
MUSCOVITE	0.00	0	0.12	3	2.30	53	1.35	27	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	0.36	9	14.68	323	0.00	0	0.00	0
CLINOPYROXENE	0.00	0	0.00	0	0.00	0	0.00	0	0.56	14	24.90	548	0.00	0	0.00	0
GARNET	0.00	0	0.04	1	0.00	0	0.00	0	0.00	0	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	0.00	0	0.00	0	0.00	0
AMPHIBOLE	0.00	0	0.00	0	0.00	0	0.00	0	1.08	27	2.82	62	0.00	0	0.00	0
ACTINOLITE	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.10	2
CHLORITE	0.00	0	1.72	43	0.00	0	0.95	19	0.16	4	0.00	0	0.00	0	21.18	425
EPIDOTE	0.00	0	0.00	0	0.00	0	0.60	12	0.00	0	0.00	0	49.03	1,009	0.00	0
SERICITE	0.25	5	1.72	43	0.04	1	0.00	0	0.08	2	0.00	0	0.05	1	2.89	58
ZIRCON	0.00	0	0.08	2	0.00	0	0.15	3	0.08	2	0.05	1	0.34	7	0.20	4
APATITE	0.00	0	0.04	1	0.00	0	0.00	0	0.28	7	0.64	14	0.00	0	0.00	0
MONAZITE	0.00	0	0.00	0	0.04	1	0.05	1	0.00	0	0.00	0	0.00	0	0.00	0
OPAQUE MINERAL	0.05	1	0.56	14	0.00	0	0.00	0	0.24	6	4.00	88	1.12	23	0.45	9
TOTAL (%)	100	2,905	100	2,502	100	2,302	100	2,005	100	2,490	100	2,201	100	2,058	100	2,507

(3)

ROCK NAME	17			18			19			20			21			22		
	MAFIC GRANULITE			GNEISSOSE GRANULITE			GNEISSOSE GRANULITE			GNEISSOSE GRANULITE			GNEISSOSE GRANULITE			MAFIC GRANULITE		
	VOLUME %	COUNT NO.	< 5 >	VOLUME %	COUNT NO.	< 5 >	VOLUME %	COUNT NO.	< 5 >	VOLUME %	COUNT NO.	< 5 >	VOLUME %	COUNT NO.	< 5 >	VOLUME %	COUNT NO.	
ROCK CODE	L 2			M 3			P 4			S 3			Y 3			Y 4		
SAMPLE NO.																		
MINERAL																		
QUARTZ	36.28	784	45.91	1.106	1.456	67.75	38.39	924	44.01	1.013	0.00	0	0.00	0	0.00	0	0.00	0
PLAGIOCLASE	44.52	962	45.66	1.100	0	0.00	20.36	490	21.76	501	50.62	1,216	0	0.00	0	0.00	0	0.00
K-FELDSPAR	16.06	347	3.61	87	0	0.00	39.84	959	27.67	637	0.00	0	0.00	0	0.00	0	0.00	0
BIOTITE	1.94	42	0.00	0	0	0.00	0.54	13	0.04	1	0.00	0	0.00	0	0.00	0	0.00	0
MUSCOVITE	0.00	0	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
ORTHOPYROXENE	0.74	15	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	6.83	164
CLINOPYROXENE	0.14	3	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	33.81	812
GARNET	0.00	0	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
SPINEL	0.09	2	0.00	0	0	0.00	0.04	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
AMPHIBOLE	0.00	0	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	4.08	98
ACTINOLITE	0.00	0	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
CHLORITE	0.00	0	0.56	16	0	0.00	0.00	0	0.56	13	0.00	0	0.56	14	0.00	0	0.58	14
EPIDOTE	0.00	0	0.00	0	0	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
SERICITE	0.09	2	1.29	31	24	1.09	0.00	0	5.73	132	1.71	41	0.00	0	0.00	0	1.71	41
ZIRCON	0.05	1	0.21	5	1	0.05	0.25	6	0.04	1	0.08	2	0.00	0	0.00	0	0.08	2
APATITE	0.09	2	0.25	6	2	0.09	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.33	8
MONAZITE	0.00	0	0.21	5	5	0.23	0.00	0	0.04	1	0.00	0	0.04	1	0.00	0	0.00	0
OPAQUE MINERAL	0.00	0	2.20	53	680	30.80	0.58	14	0.13	3	1.96	47	0.00	0	0.00	0	1.96	47
TOTAL (%)	100	2,161	100	2,409	2,208	100	100	2,407	100	2,302	100	2,402	100	2,402	100	2,402	100	2,402

A-9 パンニング° 試料構成鉱物一覧表

(1)

NO	SAMPLE NAME	X	Y	Au	Pt	MAGNETITE	ILMENITE	HEM/LIM	SULPHIDE	QUARTZ	FE/LS/PAR/OPX/CPX	HORNBLEND	OTHERS
1	A027	18.7	27.1			◎				◎	.		.
2	A062	21.6	25.0			◎				◎	.		.
3	A063	22.8	25.3			◎				◎	.		.
4	A068	28.1	25.6			◎				◎	.		.
5	A082	26.1	34.2			◎				◎	.		.
6	A0110	26.5	32.4			◎				◎	.		.
7	A0132	28.6	21.8			◎				◎	.		.
8	A0140	20.1	20.7			◎				◎	.		.
9	A0176	29.2	34.6			◎			·?	◎	△		.
10	A0190	22.8	33.7			◎				◎	△		.
11	A0197	28.5	33.2			◎				◎	.		.
12	A0215	21.8	31.0			◎				◎	.		.
13	A0230	18.2	30.2			◎				◎	.		.
14	A0242	27.9	30.7			◎				◎	△		.
15	B014	23.1	18.1			◎				◎	△		.
16	B032	21.8	17.7			◎				◎	△		.
17	B038	24.4	17.5			◎				◎	△		.
18	B073	20.7	15.7			◎				◎	△		.
19	C021	23.9	9.1			◎				◎	△		.
20	C022	26.1	8.8			◎				◎	△		.
21	C030	21.9	7.7			◎				◎	△		.
22	D022	33.2	37.5			◎				◎	.		.
23	D039	32.5	36.7			◎				◎	.		.
24	D045	35.0	36.5			◎				◎	△		.
25	D055	30.9	35.2			◎				◎	△		.
26	D0107	38.1	30.2			◎				◎	△		.
27	E05	32.5	29.8			◎				◎	△		.
28	E026	30.6	27.9			◎				◎	△		.
29	E032	34.6	28.0			◎				◎	△	·?	.
30	E041	30.3	26.2			◎				◎	△	·?	.
31	E066	37.1	23.1			◎				◎	△		.
32	E081	36.2	22.8			◎				◎	.		.
33	F025	39.1	18.7			◎				◎	.		.
34	F026	39.4	18.9			◎				◎	.		△
35	F044	30.3	16.4			◎				◎	.		.
36	F045	30.7	16.5			◎				◎	△		.
37	F063	31.1	15.0			◎				◎	.		.
38	F093	38.9	11.1			◎				◎	.		.
39	F0129	30.3	6.0			◎				◎	.	·?	.
40	F0130	32.0	5.7			◎				◎	.		.
41	G024	47.5	41.8			◎				◎	.		.
42	G036	47.2	40.6			◎				◎	.		.
43	G053	41.8	38.3			◎				◎	.		.
44	G054	42.3	38.7			◎				◎	.		.
45	G068	43.4	37.6			◎				◎	.		.
46	G0105	47.9	34.4			◎				◎	.	·?	△
47	G0108	49.2	34.9			◎				◎	.		.
48	G0114	43.0	33.2			◎				◎	.		.
49	G0125	49.1	33.0			◎				◎	.		.
50	G0132	41.7	32.4			◎				◎	.		.
51	G0146	45.0	31.2			◎				◎	.		.
52	H017	46.2	28.6			◎				◎	.		.
53	H021	41.0	27.0			◎				◎	.		.
54	H037	45.7	26.4			◎				◎	.		.
55	H039	49.3	26.7			◎	·?			◎	.		.
56	H043	46.0	25.5			◎				◎	.		.
57	H055	41.2	25.7			◎				◎	.		.
58	H058	42.9	24.9			◎				◎	.		.
59	H063	44.1	24.0			◎				◎	.		.
60	H0101	49.4	21.0			◎				◎	.		.
61	I029	43.5	16.3			◎				◎	.		.
62	I070	46.5	12.2			◎				◎	.		.
63	I071	47.0	12.2			◎				◎	.		.
64	I073	47.7	12.1			◎				◎	.		.
65	I084	43.5	10.6			◎				◎	△		.
66	I085	41.7	12.0			◎				◎	.		.
67	J032	56.3	43.7			◎				◎	.		.
68	J040	52.8	42.2			◎				◎	.		.
69	J055	56.8	42.1			◎				◎	.		.
70	J079	56.5	40.9			◎				◎	.		△
71	J082	58.1	40.3			◎				◎	.		.
72	K04	50.8	39.6			◎			·?	◎	△		.
73	K015	55.5	39.4			◎				◎	△		.
74	K017	55.9	39.2			◎				◎	.		.
75	K057	55.1	36.8			◎				◎	.		.

HEM/LIM : HEMATITE/ LIMONITE
 OPX/CPX : ORTHOPYROXENE/CLINOPYROXENE

◎ : ABUNDANT
 ○ : COMMON

△ : MINOR
 . : RARE

NO	SAMPLER NAME	X	Y	Au	Pt	MAGNETITE	ILMENITE	HEM/LIM	SULPHIDE	QUARTZ	FELDSPAR	OPX/CPX	HORNBLEND	OTHERS
76	K073	53.8	35.0			○				○	.			.
77	K095	56.3	34.5			○				○	.			.
78	K0103	53.6	43.5			○				○	.			.
79	K0119	53.9	32.3			○			?	○	.			.
80	L031	50.7	26.3			○				○	.			.
81	L039	54.2	26.3			○				○	.			.
82	L052	55.6	35.6			○				○	.			.
83	L086	52.1	32.2			○				○	.			.
84	N046	58.7	14.7			○				○	.			.
85	N043	61.0	46.8			○				○	.			.
86	N045	65.5	46.5			○				○	.			.
87	N048	67.3	46.8			○				○	.			.
88	N051	68.9	46.4			○				○	.			.
89	N095	68.3	44.1			○				○	.			.
90	N0120	68.2	41.7			○				○	.			.
91	O027	60.3	38.0			○				○	.			.
92	O069	69.3	35.4			○				○	.			.
93	P08	65.7	29.2			○				○	.			△
94	P09	66.0	29.6			○				○	.			.
95	P047	67.3	26.8			○				○	.			.
96	P072	61.5	23.6			○				○	.			.
97	P0106	66.4	20.7			○				○	.			.
98	P0129	61.7	17.4			○	?			○	.			.
99	P0130	62.1	17.4			○				○	.			.
100	Q09	75.3	52.7			○				○	.			.
101	Q015	73.2	51.8			○				○	.	△		.
102	Q018	75.3	50.9			○				○	.			.
103	Q034	77.2	50.5			○				○	.			.
104	Q059	71.1	47.1			○				○	.			.
105	Q068	78.2	47.1			○				○	.			.
106	Q0153	78.0	41.8			○				○	.			.
107	Q0162	73.4	40.9			○				○	.			.
108	Q0157	79.4	41.9			○				○	.			.
109	R023	70.7	37.4			○				○	.			.
110	R041	77.8	37.7			○				○	.			.
111	R050	75.6	36.1			○				○	.			.
112	R087	78.1	32.7			○				○	.			.
113	S020	71.8	27.8			○				○	.			.
114	S048	72.6	25.7			○				○	.			.
115	S055	71.2	24.7			○				○	.			.
116	S082	72.7	21.4			○				○	.			.
117	T039	88.8	54.7			○				○	.			.
118	T040	89.4	55.0			○				○	.			.
119	T043	83.2	53.2			○				○	.			.
120	T049	88.9	53.9			○				○	.			.
121	T059	83.2	51.9			○				○	.			.
122	T077	82.8	50.4			○				○	.			.
123	T087	88.3	50.8			○				○	.			.
124	U02	82.9	49.6			○				○	.			.
125	U036	82.6	46.0			○				○	.			.
126	U053	84.1	45.8			○				○	.			.
127	U069	88.3	43.7			○				○	.			.
128	U095	82.2	41.9			○				○	.			.
129	U0104	89.5	42.8			○				○	.			.
130	V02	84.5	39.3			○				○	.			.
131	V016	86.0	38.4			○				○	.			.
132	V025	82.6	37.8			○				○	.	?		△
133	V0113	83.4	30.4			○				○	.			.
134	V0114	84.6	30.6			○				○	.			.
135	W05	83.8	30.0			○				○	.			.
136	W031	81.0	27.3			○				○	.			.
137	W039	89.4	27.3			○				○	.			.
138	W042	82.1	26.0			○				○	.			.
139	W049	81.0	24.0			○				○	.			.
140	W050	87.0	26.1			○				○	.			.
141	X017	92.5	57.2			○				○	.			.
142	X025	92.3	56.1			○				○	.			.
143	X062	92.6	51.6			○				○	.			.
144	Y08	94.7	49.6			○			?	○	.			.
145	Y047	91.2	42.8			○				○	.			.
146	Y051	93.6	43.1			○				○	.			.
147	Y054	95.0	43.6			○				○	.			.
148	Y076	95.6	40.6			○				○	.	△		.
149	Z032	92.5	36.1			○				○	.		?	.
150	Z067	94.3	31.9			○				○	.			.

A-10 帶磁率測定結果一覽表

(1)

SAMPLE N.O.	DOLERITE			IRON FORMATION			MAFIC GRANULITE			FELSIC GRANULITE			GNEISSE GRANULITE			GNEISSE GRANITE			
	X	Y	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	X	Y	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	X	Y	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	X	Y	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	X	Y	MAGNETIC SUSCEPTIBILITY
1 AK02	23.50	21.60	3.45	AK05	32.80	23.40	0.01	AK08	28.20	25.30	0.02	AK06	28.30	33.80	0.20	AK02	29.40	37.80	0.05
2 AK13	26.80	23.90	0.08	AK23	32.20	22.00	0.31	AK36	23.70	24.90	0.27	AK37	24.60	32.40	0.02	AK01-1	28.70	36.60	0.09
3 EHS15	32.40	22.90	0.19	AK38	18.60	8.10	0.14	DH15	30.50	30.70	0.14	AK39	24.70	31.50	0.18	AK34	25.20	32.80	0.16
4 FB201	30.70	15.20	4.70	AK39	33.30	40.50	0.75	DH41	37.20	30.60	0.10	AK41	24.70	21.20	0.55	PK16	32.70	37.90	0.17
5 EF03	47.30	39.10	3.61	AK40	33.30	40.50	0.75	EHS4	31.60	26.70	0.31	AK43	28.00	22.50	5.46	PK20	35.40	43.90	0.25
6 EF03	47.30	39.10	1.85	AK41	32.40	18.90	0.04	EHS4	31.60	26.70	0.31	AK46	28.50	26.00	0.02	PK21	34.60	42.30	0.26
7 AK21	45.20	19.00	0.18	AK42	39.80	14.10	0.04	FK02	31.30	17.20	0.01	AK47	28.90	36.50	0.00	PK23	32.70	40.60	1.82
8 EHS1	89.00	57.00	1.09	AK43	39.80	14.10	0.04	FK06	30.00	17.20	0.00	AK48	21.70	31.30	0.01	PK24	33.00	40.30	0.27
9 EHS1	89.00	57.00	1.77	AK44	30.30	17.00	0.04	FK07	30.00	18.30	0.04	AK49	21.70	31.30	1.57	PK26	33.50	38.90	0.13
10 J36	82.50	46.00	0.06	AK45	35.70	16.30	1.58	FK08	35.70	15.60	0.09	AK50	21.30	22.10	0.01	PK28	34.00	40.30	0.27
11 J26-8	82.90	40.90	0.16	AK46	47.10	39.30	0.37	FK08	35.70	15.60	0.09	AK51	21.30	22.10	0.05	PK33	34.20	57.30	1.91
12 J209	84.60	34.30	1.13	AK47	45.20	25.60	0.11	FK11	43.20	37.30	0.09	AK52	22.00	22.90	0.02	PK32	35.20	55.30	0.91
13 AK11	91.50	48.50	0.40	AK48	44.90	19.50	0.11	FK12	44.20	36.20	0.09	AK53	22.70	23.40	0.02	PK31	35.30	54.80	1.09
14 AK2	90.20	43.60	2.47	AK49	55.90	39.20	1.59	FK16	45.70	32.90	0.03	AK54	22.90	24.10	0.01	PK38	36.00	53.70	1.69
15 AK2	90.20	43.60	0.13	AK50	52.50	18.10	0.00	FK16	45.70	32.90	0.03	AK55	22.90	24.10	0.00	PK39	36.70	53.20	0.66
16 AK1	92.40	42.30	0.21	AK51	64.30	48.30	0.08	FK04	47.00	14.30	0.00	AK56	23.00	27.60	0.11	PK47	37.80	51.80	0.46
17 J27-12	91.30	42.80	0.26	AK52	64.10	49.00	0.00	FK12	47.00	15.30	0.01	AK57	22.70	27.50	0.02	PK49	37.80	51.80	0.46
18				AK53	51.50	45.20	0.09	FK14	41.20	18.20	0.23	AK58	22.80	28.40	0.85	PK47	38.20	51.80	0.25
19				AK54	51.50	45.20	0.09	FK14	41.20	18.20	0.23	AK59	22.80	28.40	0.85	PK47	38.20	51.80	0.25
20				AK55	79.10	41.20	0.00	FK02	59.70	42.00	0.00	AK60	22.30	28.50	0.00	PK47	38.20	51.80	1.47
21				AK56	79.10	41.20	0.00	FK02	59.70	42.00	0.00	AK61	22.30	28.50	0.01	PK47	38.20	51.80	1.47
22				AK57	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK62	23.10	29.20	0.01	PK47	38.20	51.80	0.02
23				AK58	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK63	23.10	29.20	0.01	PK47	38.20	51.80	0.02
24				AK59	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK64	23.10	29.20	0.01	PK47	38.20	51.80	0.02
25				AK60	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK65	23.10	29.20	0.01	PK47	38.20	51.80	0.02
26				AK61	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK66	23.10	29.20	0.01	PK47	38.20	51.80	0.02
27				AK62	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK67	23.10	29.20	0.01	PK47	38.20	51.80	0.02
28				AK63	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK68	23.10	29.20	0.01	PK47	38.20	51.80	0.02
29				AK64	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK69	23.10	29.20	0.01	PK47	38.20	51.80	0.02
30				AK65	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK70	23.10	29.20	0.01	PK47	38.20	51.80	0.02
31				AK66	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK71	23.10	29.20	0.01	PK47	38.20	51.80	0.02
32				AK67	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK72	23.10	29.20	0.01	PK47	38.20	51.80	0.02
33				AK68	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK73	23.10	29.20	0.01	PK47	38.20	51.80	0.02
34				AK69	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK74	23.10	29.20	0.01	PK47	38.20	51.80	0.02
35				AK70	79.10	41.20	0.00	FK04	60.00	42.10	0.13	AK75	23.10	29.20	0.01	PK47	38.20	51.80	0.02

MAGNETIC SUSCEPTIBILITY (emu / cm³) × 10⁻³

(2)

DOLERITE	IRON FORMATION		MAFIC GRANULITE		FELSIC GRANULITE		GNEISS GRANULITE		GNEISS GRANITE		
	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	
	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	
	X	Y	X	Y	X	Y	X	Y	X	Y	
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MAGNETIC SUSCEPTIBILITY (emu / cm ³) X 10 ⁻³											

(3)

DOLERITE			IRON FORMATION			MAFIC GRANULITE			FELSIC GRANULITE			GNEISS GRANULITE			GNEISS GRANITE		
SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY
1	X		18	X	56.10	134	FW04	0.40	38.40	X	18.70		X				
2			19		56.80	111	FW08	0.15	39.50		14.30						
3			20		57.00	112	FW02	0.56	30.80		15.30						
4			21		57.00	113	FW03-1	0.13	30.80		16.00						
5			22		53.90	114	FW03-2	0.44	30.60		16.00						
6			23		52.90	115	FW04	0.23	36.30		16.30						
7			24		51.00	116	FW03	0.27	35.20		16.00						
8			25		51.20	117	FW-02	0.02	37.00		15.20						
9			26		50.00	118	FW-04	0.64	35.90		13.70						
10			27			119	FW-07	37.10	37.10		12.19						
11			28			120	FW-12	0.34	38.50		6.80						
12			29		55.90	121	FW-13	0.11	38.70		6.70						
13			30		55.80	122	FW-14	0.08	38.50		6.50						
14			31		55.00	123	FW-15	0.02	46.20		32.90						
15			32		54.70	124	FW04	0.38	45.20		33.80						
16			33		44.50	125	FW01	0.58	43.40		37.40						
17			34		44.20	126	FW02	0.06	46.70		39.40						
18			35		44.00	127	FW05	0.23	45.30		39.60						
19			36			128	FW06	0.06	43.20		40.20						
20			37			129	FW08	0.01	42.40		39.80						
21			38		41.90	130	FW09	0.65	42.20		39.50						
22			39		39.90	131	FW10	0.18	42.80		38.50						
23			40		42.00	132	FW13	0.00	46.40		30.20						
24			41		33.50	133	FW15	0.01	46.00		28.50						
25			42		34.20	134	FW02	0.02	44.00		25.80						
26			43		35.20	135	FW06	0.01	47.60		21.30						
27			44		35.30	136	FW09	0.00	48.50		20.70						
28			45		35.20	137	FW10	0.05	47.70		22.66						
29			46		26.30	138	FW13	2.07	47.20		28.00						
30			47			139	FW14	0.53	45.20		25.60						
31			48		56.30	140	FW16	0.14	41.60		28.40						
32			49		57.40	141	FW14	0.19	43.40		18.50						
33			50		56.20	142	FW14	0.48	41.30		13.40						
34			51		55.30	143	FW10	0.13	41.30		13.40						
35			52			144	FW10	0.32									
36			53			145	FW05	0.83									
37			54			146	FW06	0.82									
38			55			147	FW09	0.06									
39			56			148	FW08	0.01									
40			57			149	FW08	0.01									
41			58			150	FW09	1.99									
42			59			151	FW10	0.03									
43			60			152	FW13	0.13									
44			61			153	FW15	0.21									
45			62			154	FW02	0.37									
46			63			155	FW06	1.03									
47			64			156	FW09	0.58									
48			65			157	FW10	0.41									
49			66			158	FW13	1.04									
50			67			159	FW14	0.19									
51			68			160	FW16	0.18									
52			69			161	FW14	0.48									
53			70			162	FW14	1.71									
54			71			163	FW10	0.32									
55			72			164	FW05	0.83									
56			73			165	FW06	0.82									
57			74			166	FW09	0.06									
58			75			167	FW08	0.01									
59			76			168	FW08	0.01									
60			77			169	FW09	1.99									
61			78			170	FW10	0.03									
62			79			171	FW13	0.13									
63			80			172	FW15	0.21									
64			81			173	FW02	0.37									
65			82			174	FW06	1.03									
66			83			175	FW09	0.58									
67			84			176	FW10	0.41									
68			85			177	FW13	1.04									
69			86			178	FW14	0.19									
70			87			179	FW16	0.18									
71			88			180	FW14	0.48									
72			89			181	FW14	1.71									
73			90			182	FW10	0.32									
74			91			183	FW05	0.83									
75			92			184	FW06	0.82									
76			93			185	FW09	0.06									
77			94			186	FW08	0.01									
78			95			187	FW08	0.01									
79			96			188	FW09	1.99									
80			97			189	FW10	0.03									
81			98			190	FW13	0.13									
82			99			191	FW15	0.21									
83			100			192	FW02	0.37									
84			101			193	FW06	1.03									
85			102			194	FW09	0.58									
86			103			195	FW10	0.41									
87			104			196	FW13	1.04									
88			105			197	FW14	0.19									
89			106			198	FW16	0.18									
90			107			199	FW14	0.48									
91			108			200	FW14	1.71									
92			109			201	FW10	0.32									
93			110			202	FW05	0.83									
94			111			203	FW06	0.82									
95			112			204	FW09	0.06									
96			113			205	FW08	0.01									
97			114			206	FW08	0.01									
98			115			207	FW09	1.99									
99			116			208	FW10	0.03									
100			117			209	FW13	0.13									
101			118			210	FW15	0.21									
102			119			211	FW02	0.37									
103			120			212	FW06	1.03									
104			121			213	FW09	0.58									
105			122			214	FW10	0.41									
106			123			215	FW13	1.04									
107			124			216	FW14	0.19									
108			125			217	FW16	0.18									
109			126			218	FW14	0.48									
110			127			219	FW14	1.71									
111			128			220	FW10	0.32									
112			129			221	FW05	0.83									
113			130			222	FW06	0.82									
114			131			223	FW09	0.06									
115			132			224	FW08	0.01									
116			133			225	FW08	0.01									
117			134			226	FW09	1.99									
118			135			227	FW10	0.03									
119			136			228	FW13	0.13									

(4)

DOLERITE				IRON FORMATION				MAFIC GRANULITE				FELSIC GRANULITE				GNEISSOSE GRANULITE				GNEISSOSE GRANITE			
COORDINATION		MAGNETIC		COORDINATION		MAGNETIC		COORDINATION		MAGNETIC		COORDINATION		MAGNETIC		COORDINATION		MAGNETIC		COORDINATION		MAGNETIC	
SAMPLE N.O.	X	Y	SUSCEPTIBILITY	SAMPLE N.O.	X	Y	SUSCEPTIBILITY	SAMPLE N.O.	X	Y	SUSCEPTIBILITY	SAMPLE N.O.	X	Y	SUSCEPTIBILITY	SAMPLE N.O.	X	Y	SUSCEPTIBILITY	SAMPLE N.O.	X	Y	SUSCEPTIBILITY
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MAGNETIC SUSCEPTIBILITY (emu / cm³) × 10⁻³

(5)

DOLERITE	IRON FORMATION		MAFIC GRANULITE		FELSIC GRANULITE		GNEISSIC GRANULITE		GNEISSIC GRANULITE			
	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY
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MAGNETIC SUSCEPTIBILITY (emu / cm³) X 10⁻³

(6)

	DOLERITE		IRON FORMATION		MAFIC GRANULITE		FELSIC GRANULITE		GREISSO GRANULITE		GREISSO GRANITE	
	SAMPLE NO.	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	MAGNETIC SUSCEPTIBILITY
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MAGNETIC SUSCEPTIBILITY (emu / cm ³) × 10 ⁻³												

(7)

1	DOLERITE			IRON FORMATION			MAFIC GRANULITE			FELSIC GRANULITE			GNEISS GRANULITE			GNEISS GRANITE				
	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE NO.	COORDINATION	MAGNETIC SUSCEPTIBILITY		
2	X																			
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30	X																			
31	X																			
32	X																			
33	X																			
34	X																			
35	X																			
			MAGNETIC SUSCEPTIBILITY (GMR / CM3) X 10-3																	

(8)

1	DOLERITE		IRON FORMATION		MAFIC GRANULITE		FELSIC GRANULITE		GNEISS GRANULITE		GNEISS GRANITE	
	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION
2	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
3	MAGNETIC SUSCEPTIBILITY		MAGNETIC SUSCEPTIBILITY		MAGNETIC SUSCEPTIBILITY		MAGNETIC SUSCEPTIBILITY		MAGNETIC SUSCEPTIBILITY		MAGNETIC SUSCEPTIBILITY	
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MAGNETIC SUSCEPTIBILITY (emu / cm³) X 10⁻³

(9)

	DOLERITE			IRON FORMATION			MAFIC GRANULITE			FELSIC GRANULITE			GNEISSE GRANULITE		
	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY	SAMPLE N.O.	COORDINATION	MAGNETIC SUSCEPTIBILITY
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35															
MAGNETIC SUSCEPTIBILITY (emu / cm ³) X 10 ⁻³															

DOLERITE	IRON FORMATION		MAFIC GRANULITE		FELSIC GRANULITE		GNEISS GRANULITE		GNEISS GRANITE		
	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	SAMPLE NO.	COORDINATION	
MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	MAGNETIC SUSCEPTIBILITY	
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MAGNETIC SUSCEPTIBILITY (cm³ / cm³) × 10⁻³

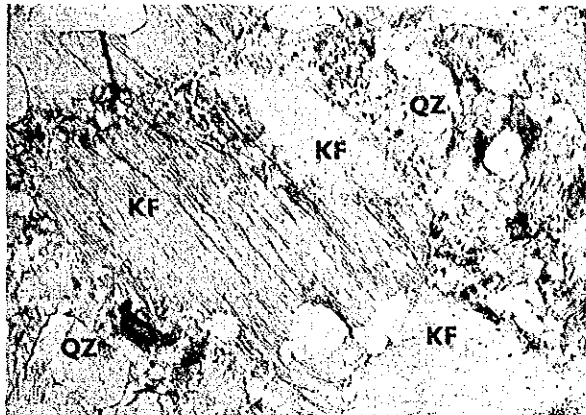
(11)

1	BOLSERITE		IRON FORMATION		WAFIC GRANULITE		FELSIC GRANULITE		GNEISSE GRANULITE		GNEISSE GRANITE		
	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	SAMPLE N.O.	COORDINATION	
2	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	
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35													
10									91.30	48.70			2.39
115									95.90	48.40			1.51
120									90.20	46.80			2.25
128									96.30	46.20			0.22
133									92.50	45.90			0.02
138									94.21	44.40			0.09
140									94.40	44.50			0.41
141									96.00	44.40			0.41
144									90.80	43.80			0.02
146									31.20	43.30			0.19
149									92.80	44.00			1.74
156									90.80	42.30			0.34
170									95.70	41.00			2.22
175									95.30	40.30			0.52
177									95.60	40.00			1.91
182									91.30	42.40			0.69
187-11									91.50	42.50			0.73
187-14									90.30	43.20			0.33
187-16									90.80	44.30			0.48
193									93.10	40.10			0.13
194									92.00	40.50			0.02
195									93.90	38.80			0.22
212									94.50	38.80			0.14
214									93.50	37.90			0.09
221									93.50	37.40			0.06
222													1.70
2803													0.69
2804									91.50	39.50			1.17
2805													1.49
2806													1.17
2807									92.60	39.40			0.17
2808									92.50	38.70			0.29
2812									92.00	34.50			0.79
2818									90.40	27.60			0.74

A-11 岩石顯微鏡写真

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

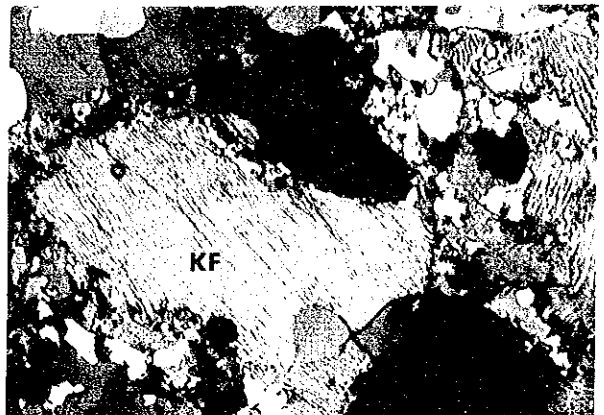
QZ : QUARTZ
PL : PLAGIOCLASE
KF : K-FELDSPAR
OPX : ORTHOPYROXENE
CPX : CLINOPYROXENE
BI : BIOTITE
HB : HORENBLEND
CH : CHLORITE
EP : EPIDOTE
AP : APATITE
GR : GARNET



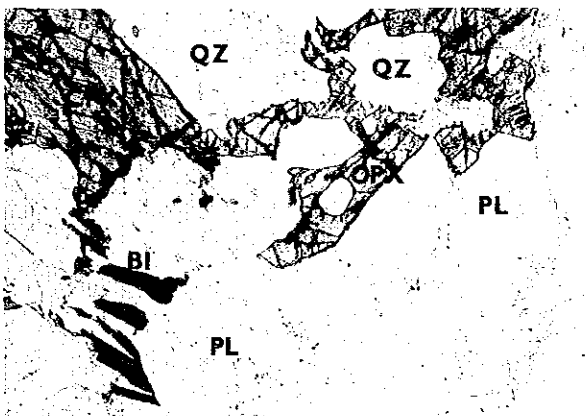
SAMPLE NUMBER: S-03 =OPEN

LOCALITY: MATSAI TRIBAL TRUST RANG

ROCK NAME: GNEISSOSE GRANULITE



+CROSS



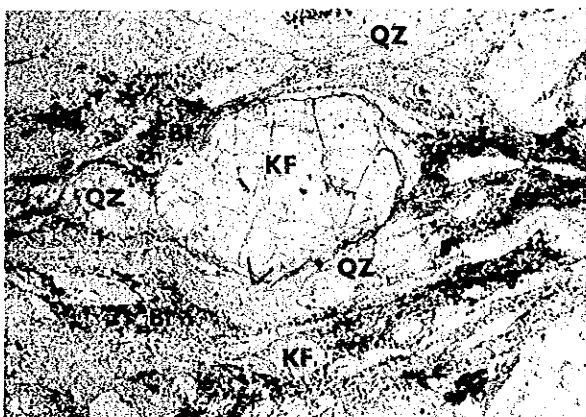
SAMPLE NUMBER: W-03 =OPEN

LOCALITY: ANGUS RANCH

ROCK NAME: GNEISSOSE GRANULITE



+CROSS

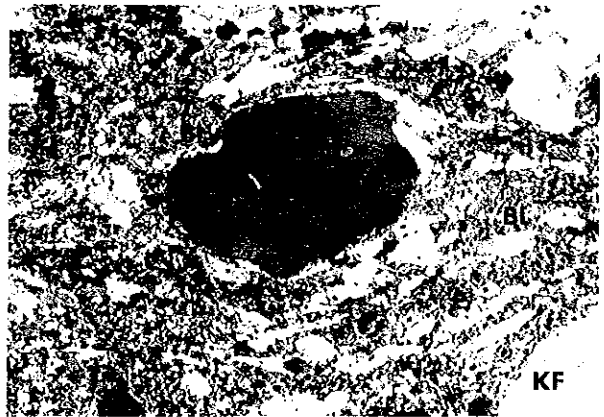


SAMPLE NUMBER: D-05 =OPEN

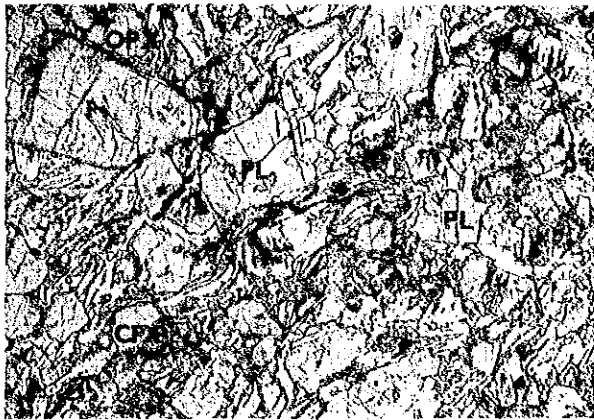
LOCALITY: CHARUK SCH.

ROCK NAME: GNEISSOSE GRANULITE

0.5mm

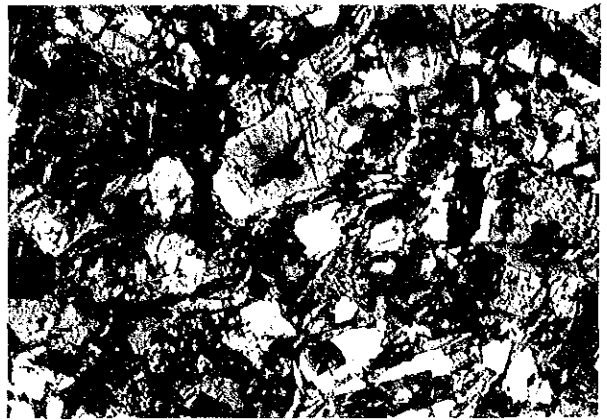


+CROSS



SAMPLE NUMBER: E-11 =OPEN

LOCALITY: 2KM NORTH OF CHIVAMBA B.C.
ROCK NAME: DOLERITE

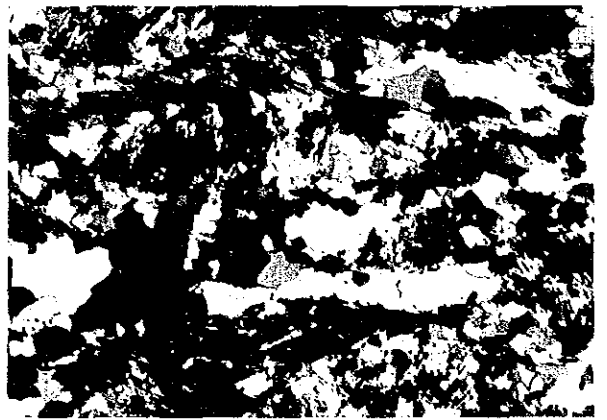


+CROSS

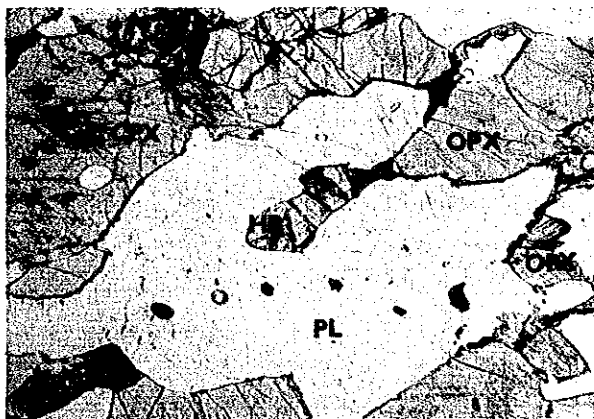


SAMPLE NUMBER: P-04 =OPEN

LOCALITY: BENZI B.C.
ROCK NAME: IRON FORMATION



+CROSS



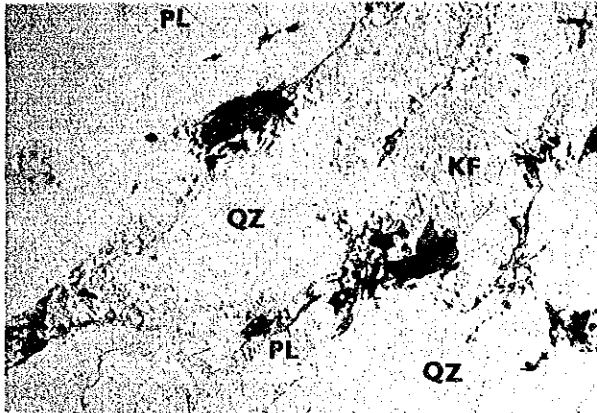
SAMPLE NUMBER: F-05

LOCALITY: 2KM WEST OF MUZONDIDIYA SCH.
ROCK NAME: MAFIC GRANULITE

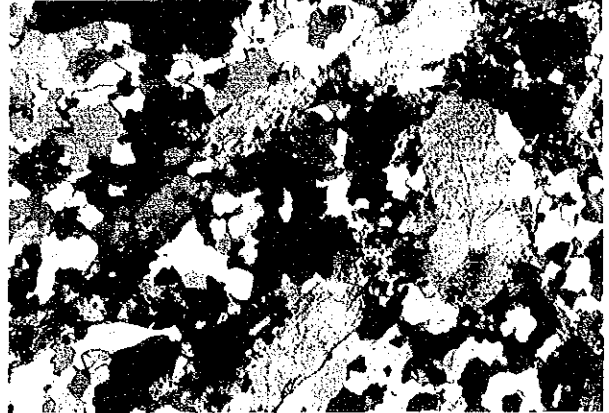


+CROSS

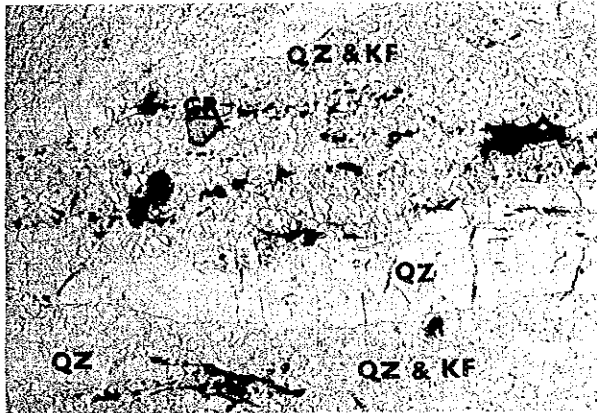
0.5mm



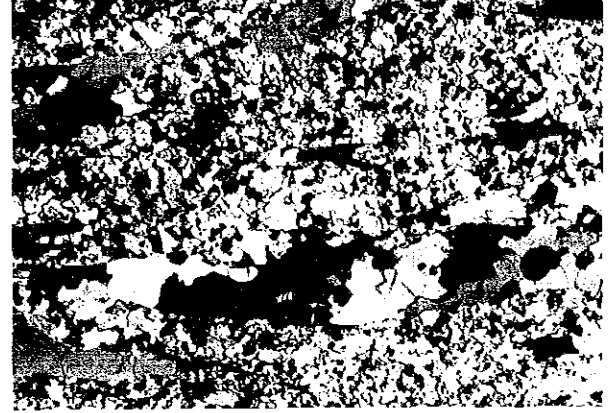
SAMPLE NUMBER: RENCO ORE-1 -OPEN
 LOCALITY: RENCO MINE
 ROCK NAME: GNEISSOSE GRANULITE



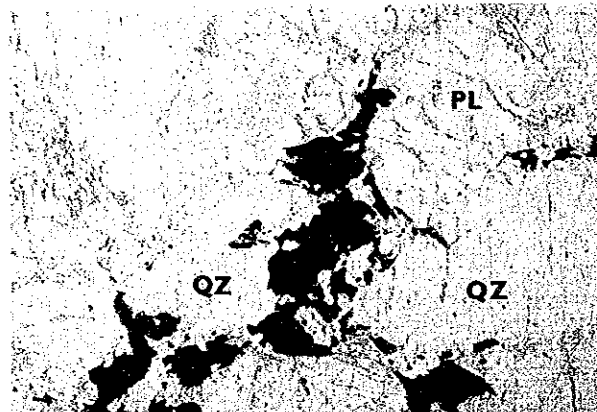
+CROSS



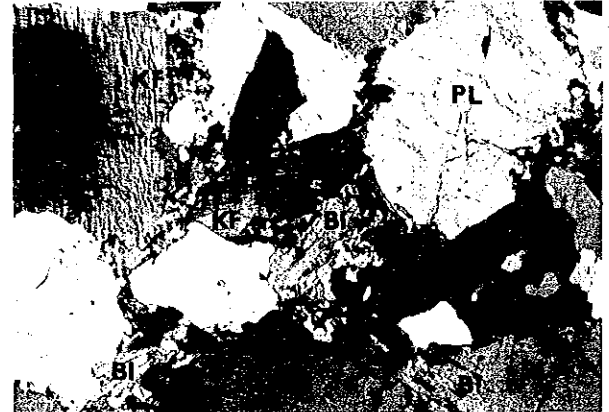
SAMPLE NUMBER: P-03 -OPEN
 LOCALITY: NGWANE
 ROCK NAME: FELSIC GRANULITE



+CROSS



SAMPLE NUMBER: D-02 -OPEN
 LOCALITY: JERERA B.C
 ROCK NAME: GNEISSOSE GRANITE



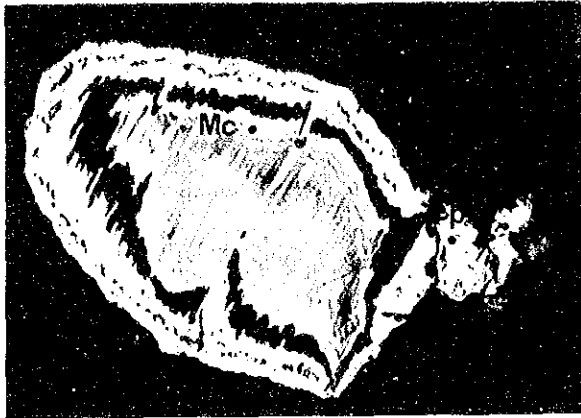
+CROSS

0.5mm

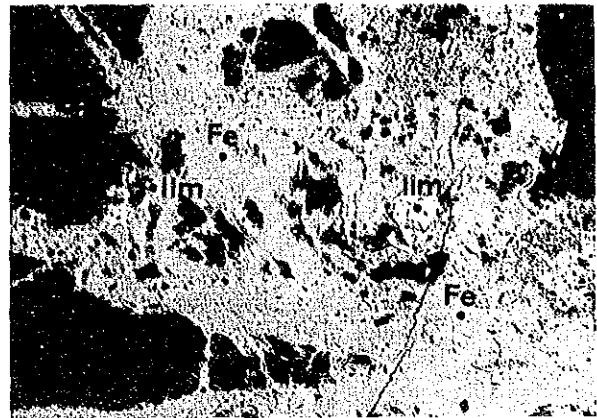
A-12 鈦石頭微鏡写真

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

Po : Pyrrhotite
Py : Pyrite
Cp : Chalcopyrite
Mc : Marcasite
Ars : Arsenopyrite
Ml : Malachite
Mt : Magnetite
He : Hematite
Ilm : Ilmenite
Fe : Fe-hydroxide



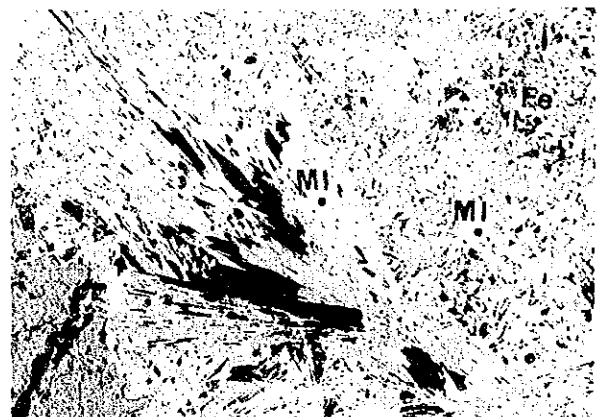
SAMPLE NO. : JEGEDE 1P
 LOCALITY: JEGEDE
 REMARKS: Marcasite-Chalcopyrite association



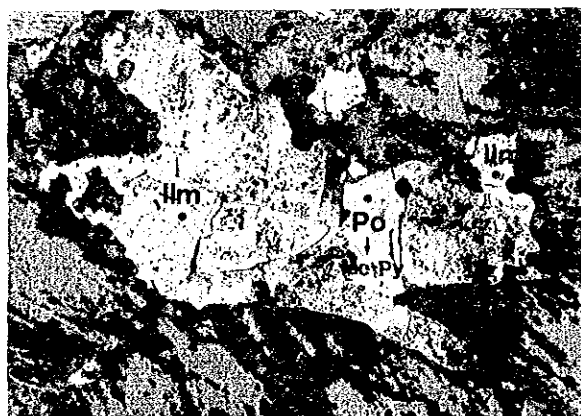
SAMPLE NO. : DINHIRO 2P
 LOCALITY: DINHIRO
 REMARKS: Ilmenite-Fe-hydroxide intergrowth



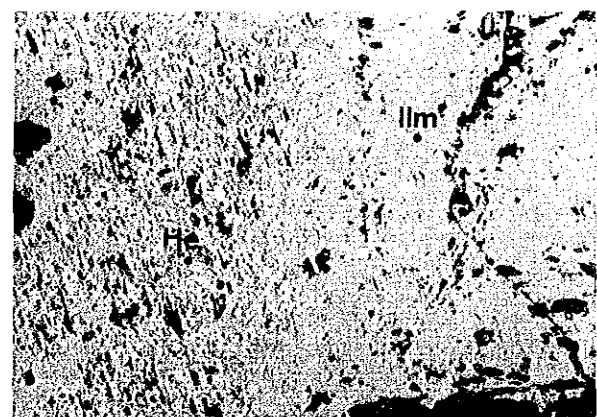
SAMPLE NO. : JEGEDE 2P
 LOCALITY: JEGEDE
 REMARKS: Marcasite and Arsenopyrite



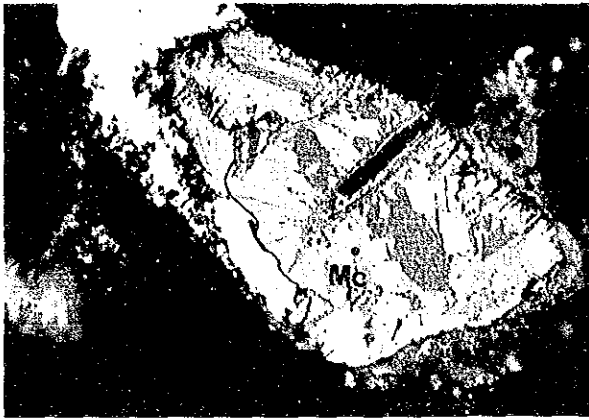
SAMPLE NO. : UMKONDO 1P
 LOCALITY: UMKONDO
 REMARKS: Marcasite-Fe-hydroxide association



SAMPLE NO. : HOVEE 1P
 LOCALITY: HOVEE
 REMARKS: Ilmenite-Pyrrhotite association
 with secondary Marcasite and Pyrite



SAMPLE NO. : DINHIRO 1P
 LOCALITY: DINHIRO
 REMARKS: Ilmenite-hematite intergrowth

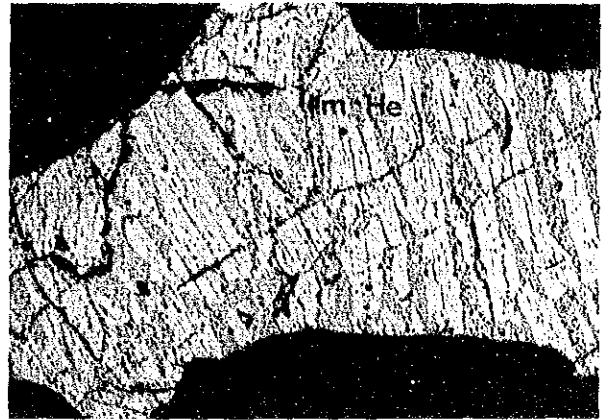


SAMPLE NO.: MUCHACHA 1P

0.1mm

LOCALITY: MUCHACHA

REMARKS: Strong anisotropy of Marcasite



SAMPLE NO.: GORGWE 5P

0.1mm

LOCALITY: GORGWE

REMARKS: Hematite-Illmenite exsolution texture

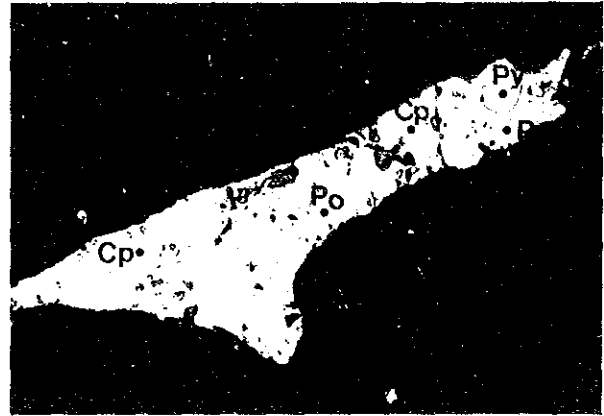


SAMPLE NO.: MUCHACHA 2P

0.1mm

LOCALITY: MUCHACHA

REMARKS: Birds-eye texture of pyrrhotite

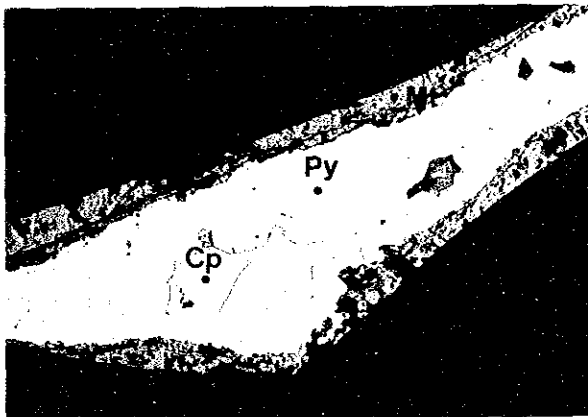


SAMPLE NO.: RENCO 1P

0.1mm

LOCALITY: RENCO

REMARKS: Chalcopyrite-Pyrrhotite-Pyrite association

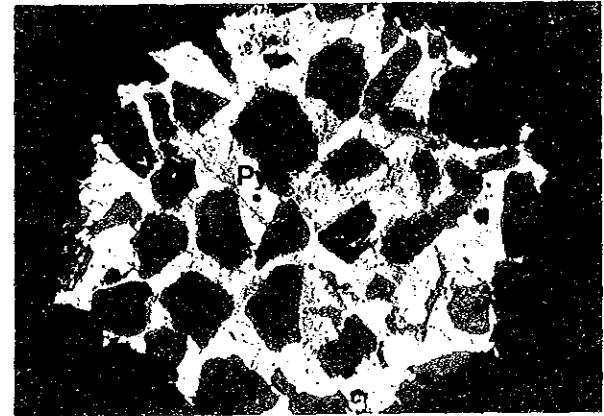


SAMPLE NO.: GORGWE 1P

0.1mm

LOCALITY: GORGWE

REMARKS: Pyrite-Chalcopyrite association with secondary Magnetite

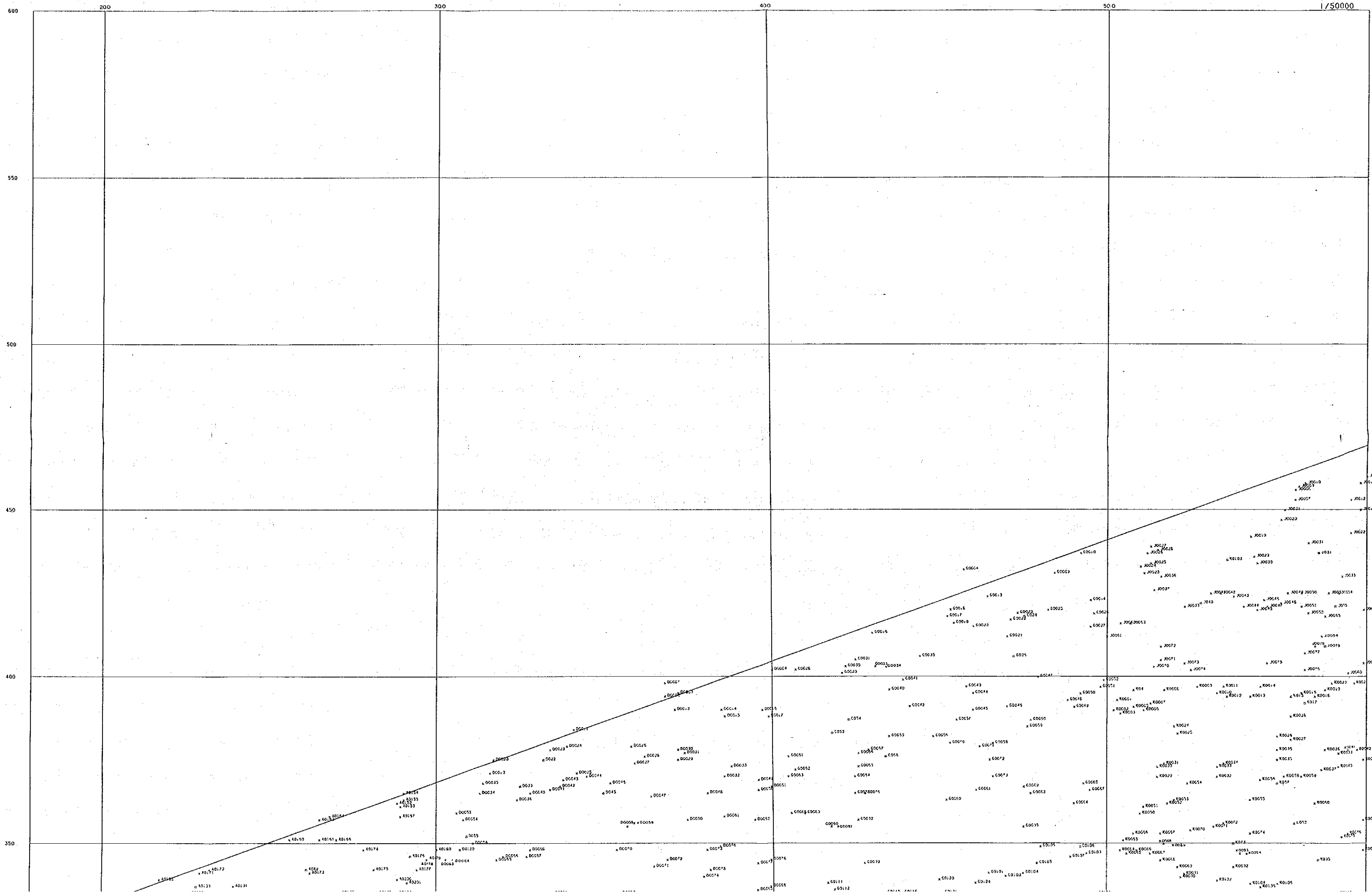


SAMPLE NO.: UMKONDO 1P

0.1mm

LOCALITY: UMKONDO

REMARKS: Pyrite filling silicate minerals

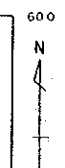


300

400

500

A
1/50000



LEGEND

- x Site of stream sediments
- Site of panned samples

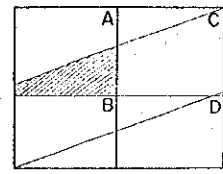
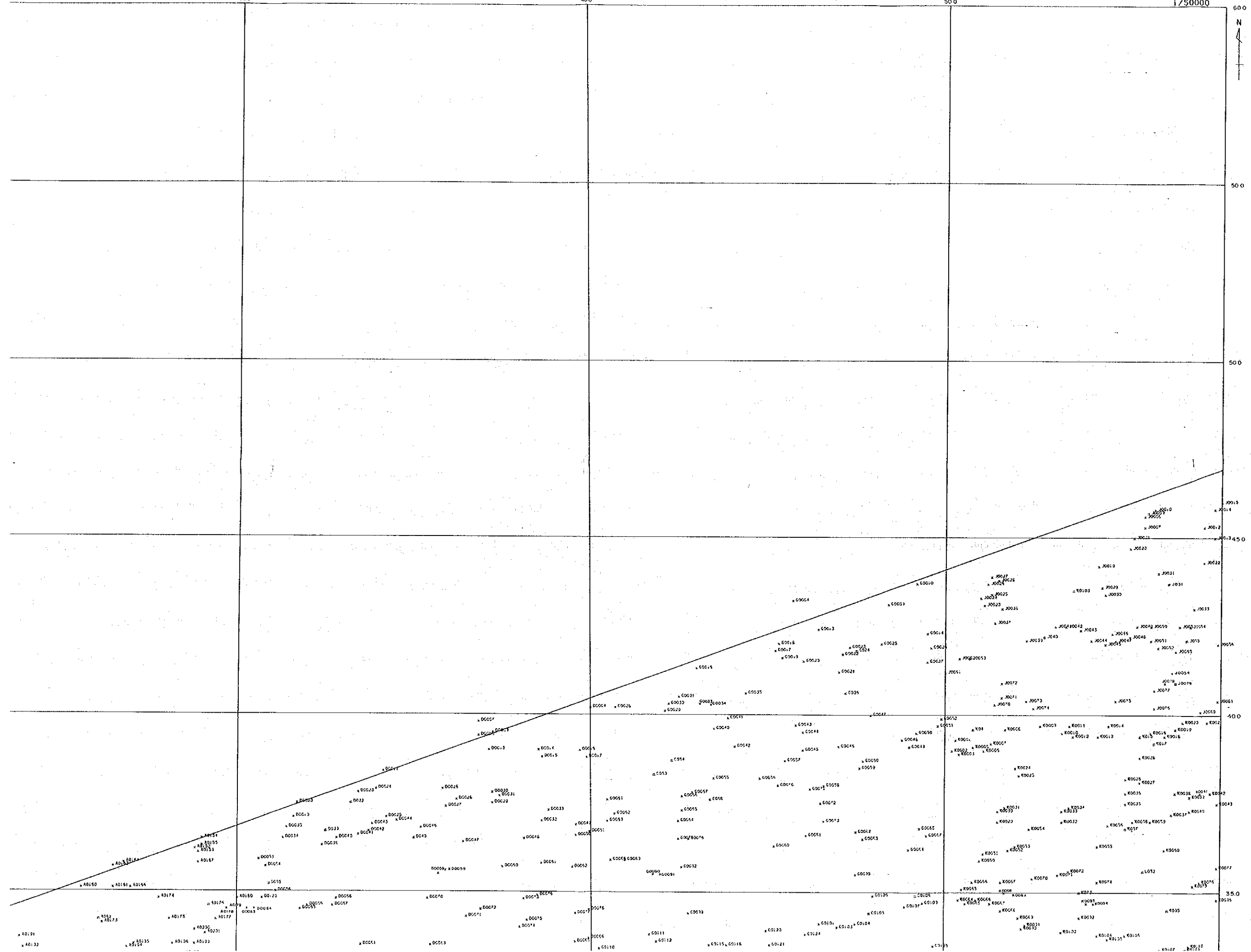
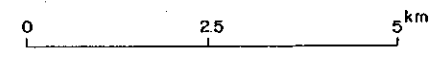
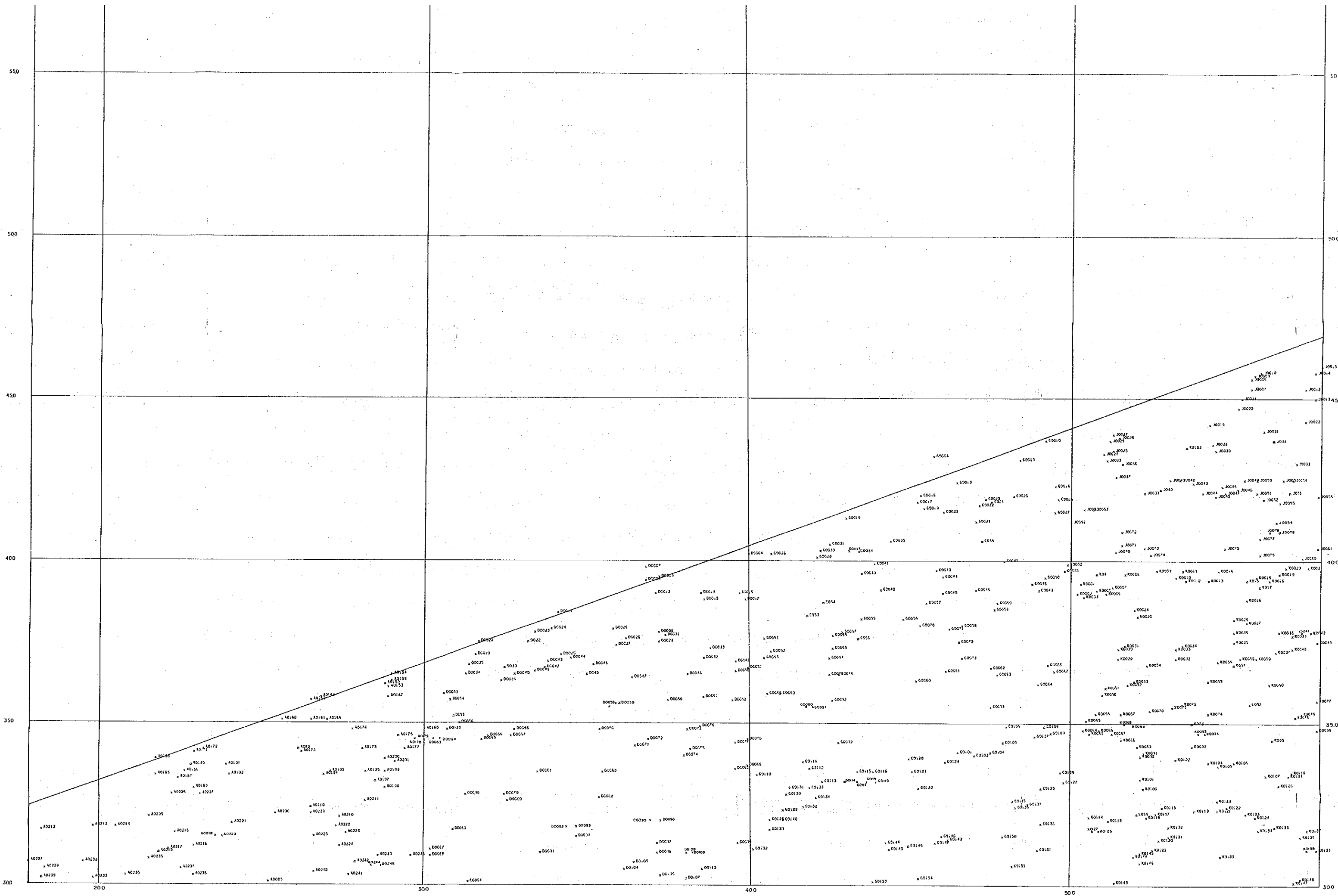


PLATE I Location Map of Stream Sediments





550
500
450
400
350
300

500
500
500
400
400
350
300

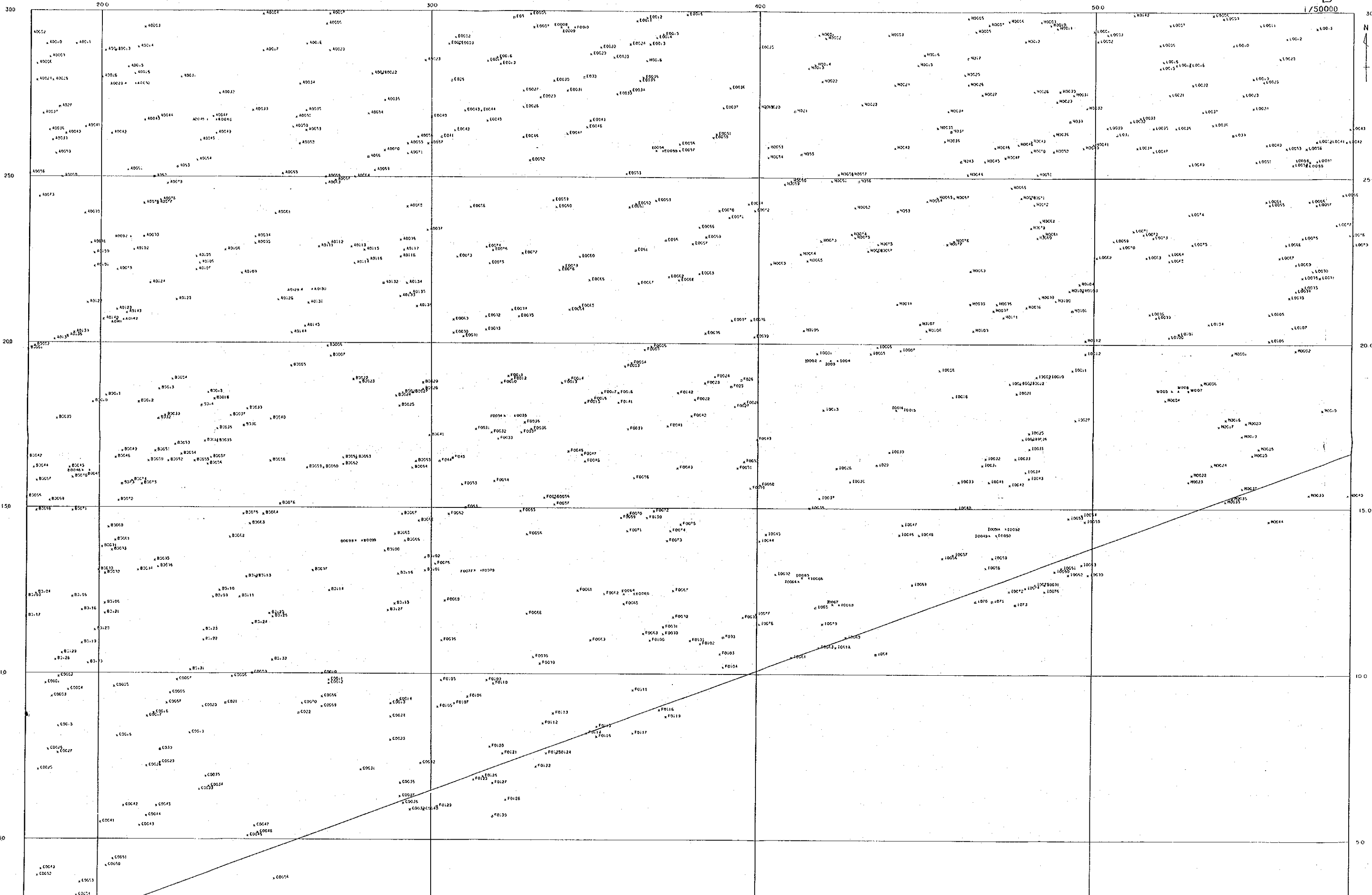
200

300

400

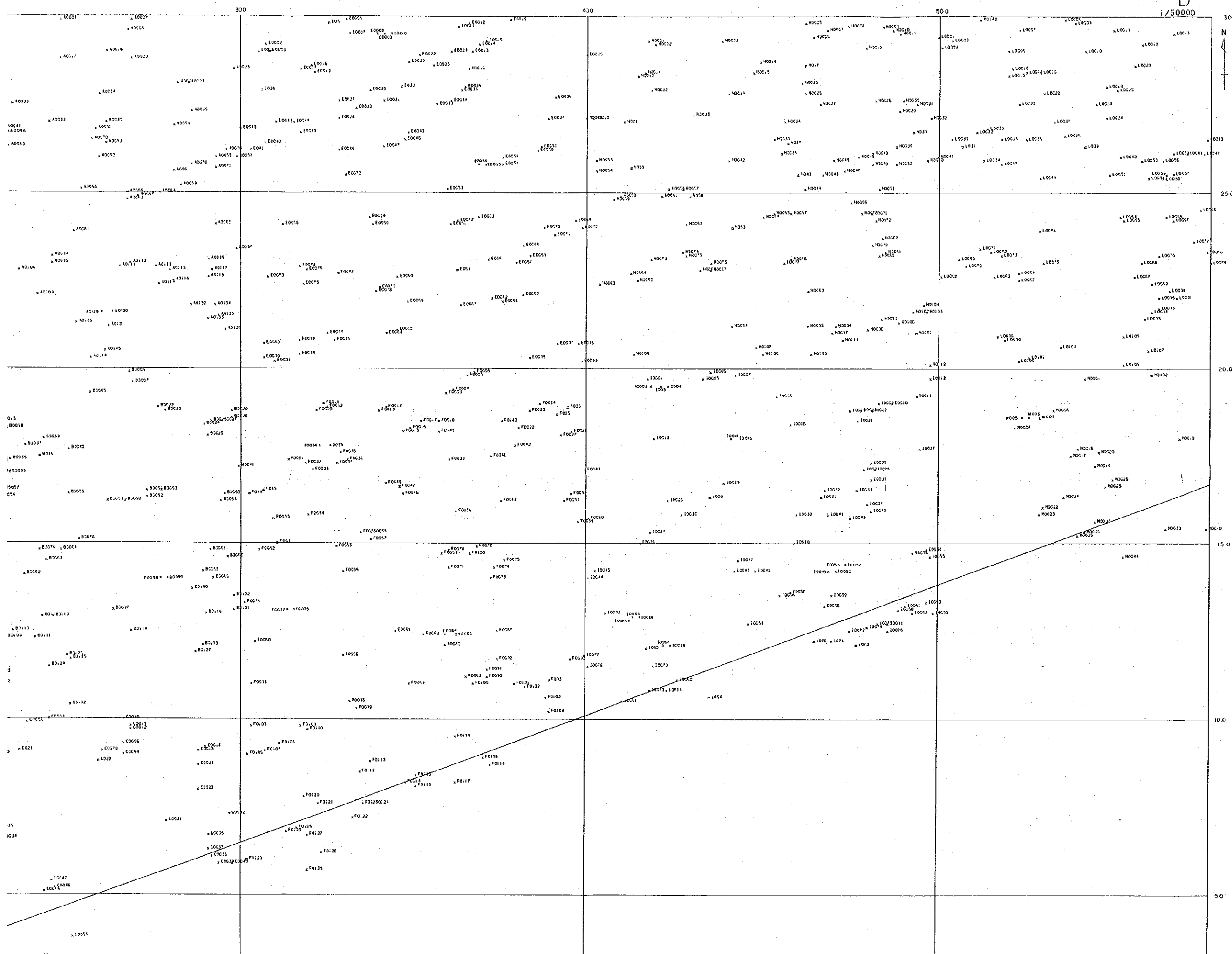
500

500



B

1/50000



LEGEND

- x Site of stream sediments
- Site of panned samples

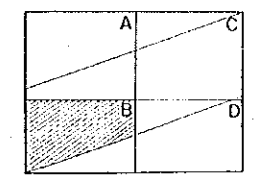
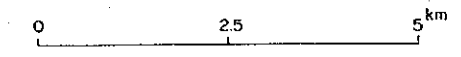
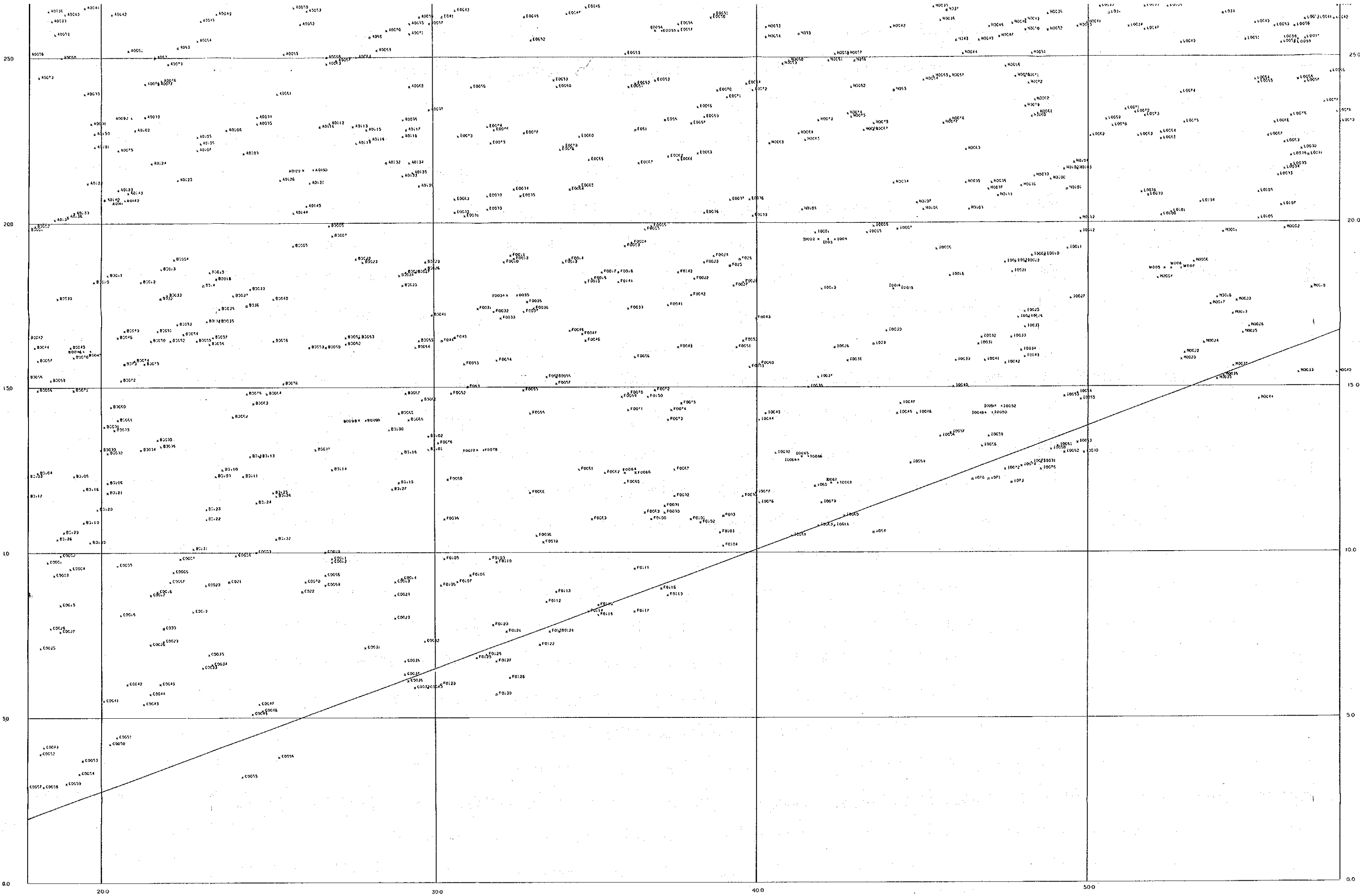


PLATE I Location Map of Stream Sediments





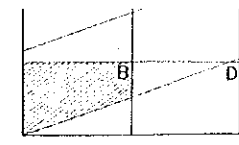
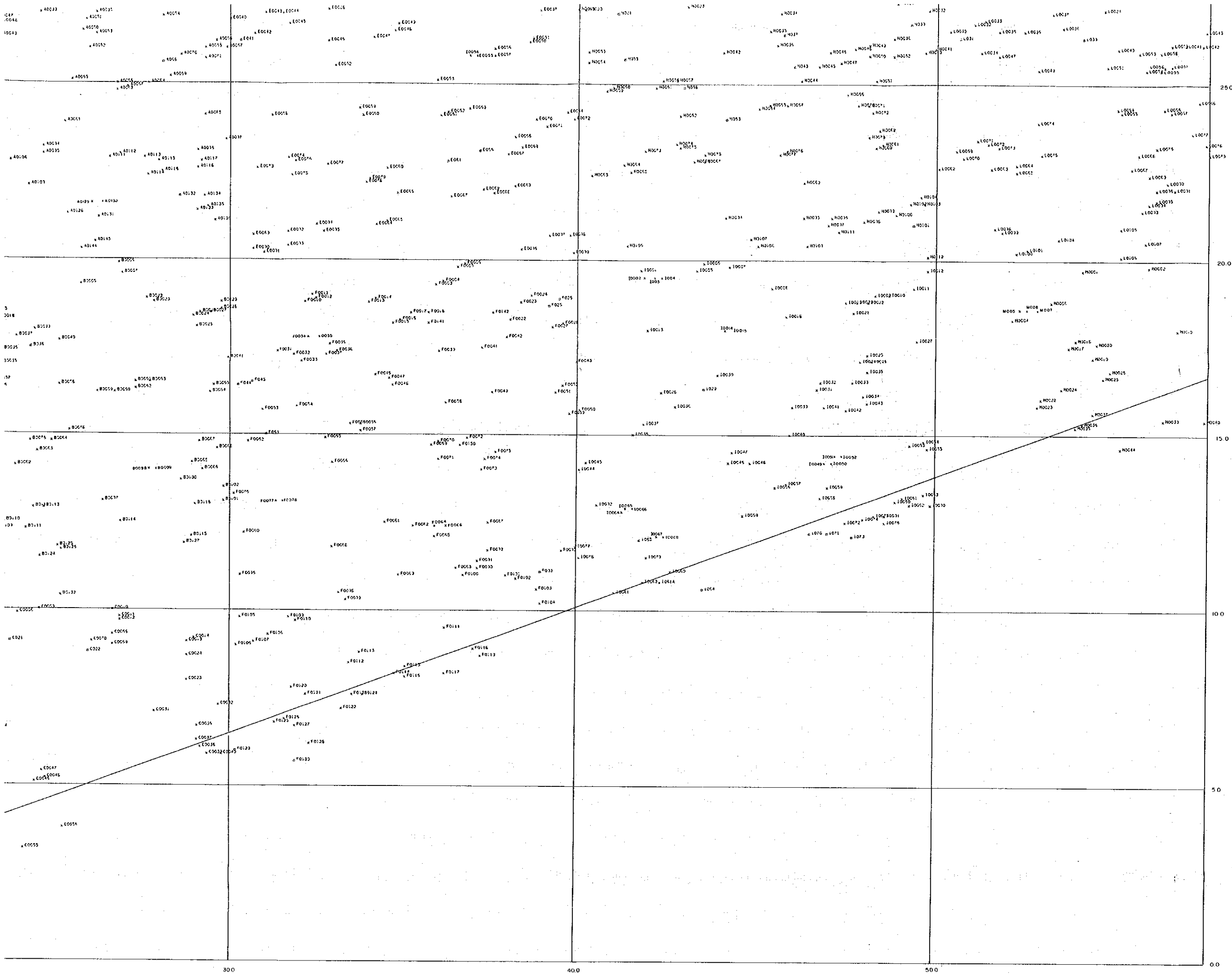
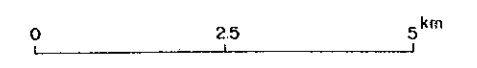
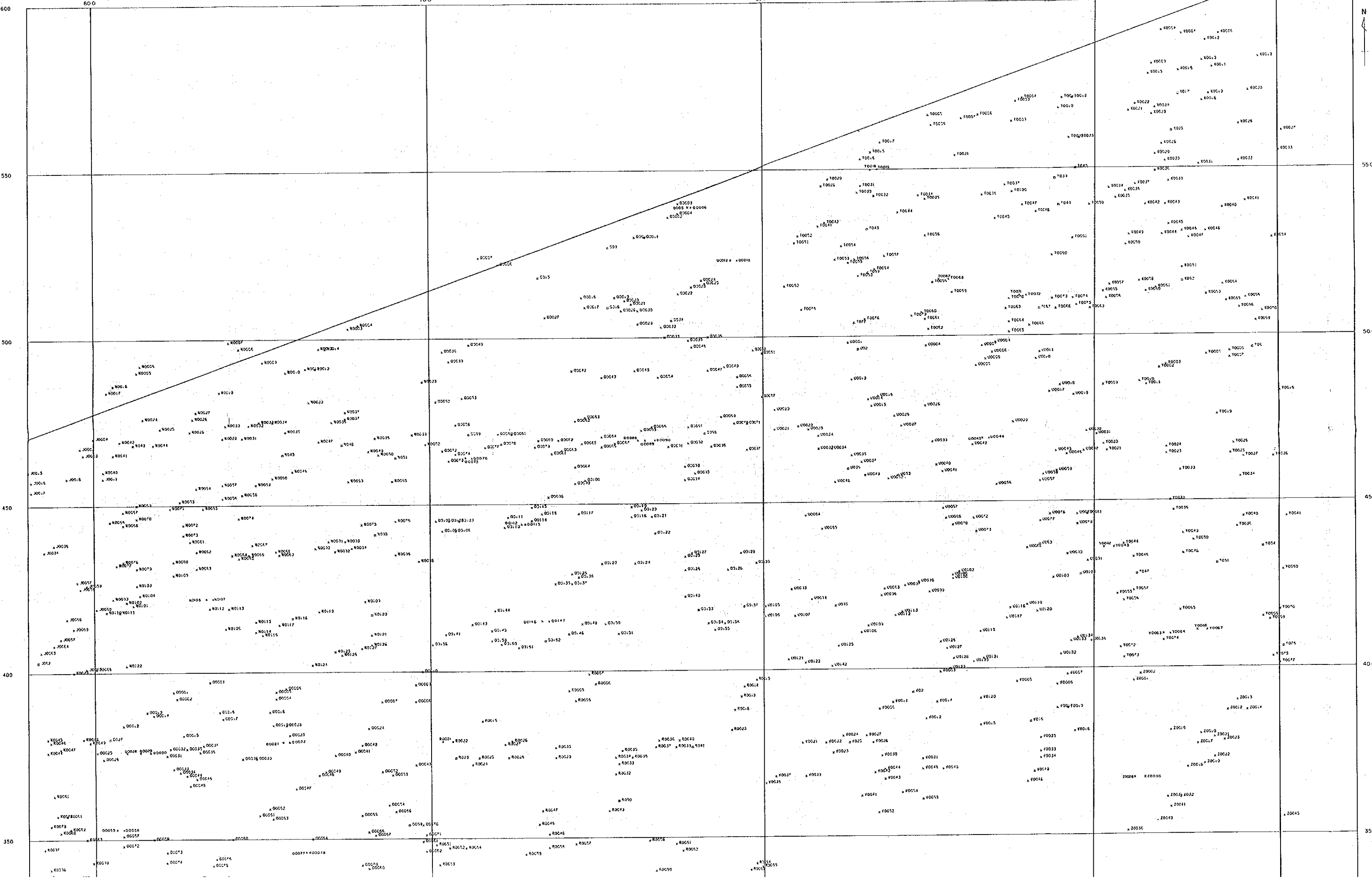
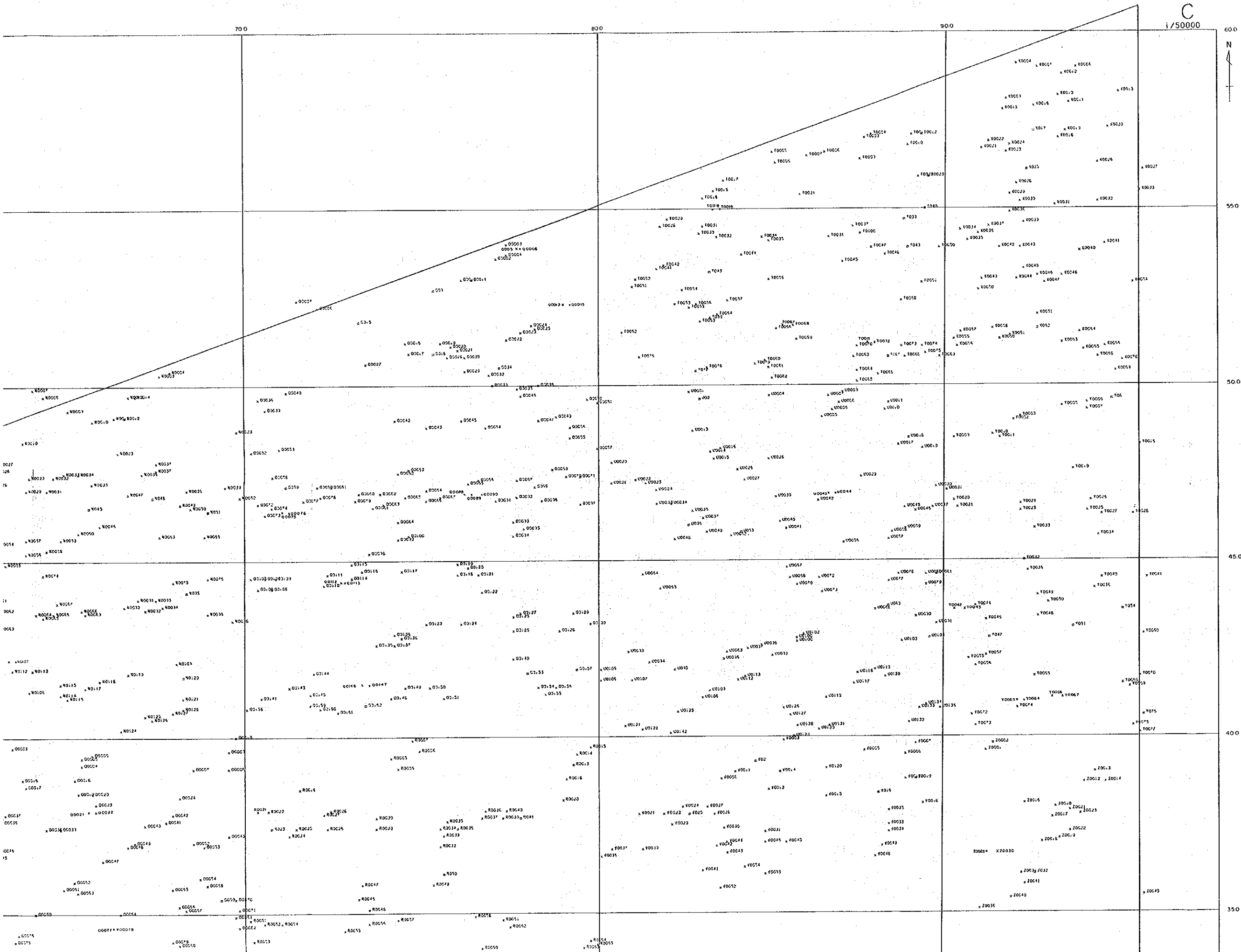


PLATE I Location Map of Stream Sediments







LEGEND
 x Site of stream sediments
 □ Site of panned samples

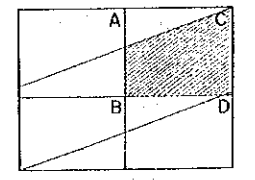
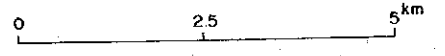
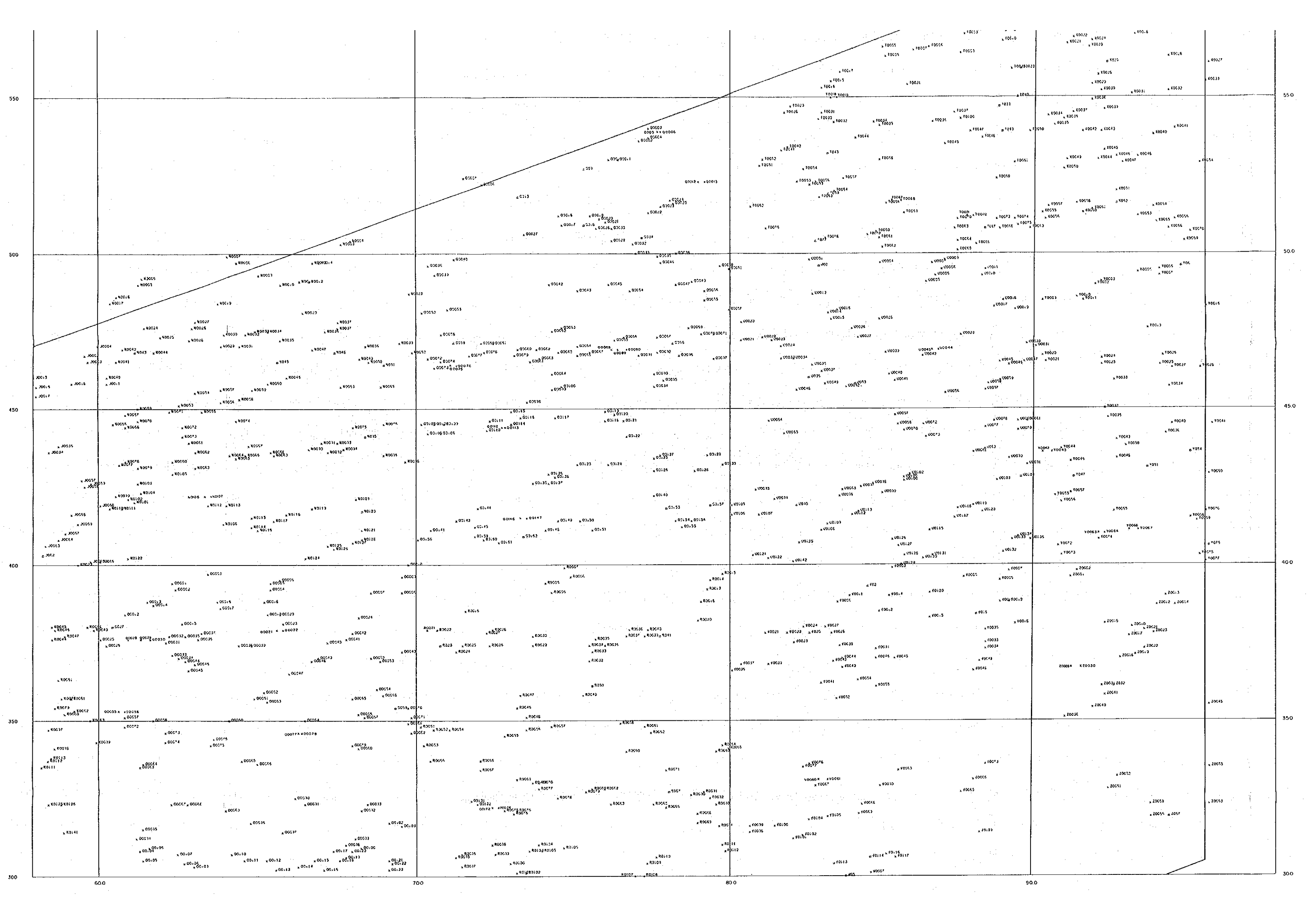
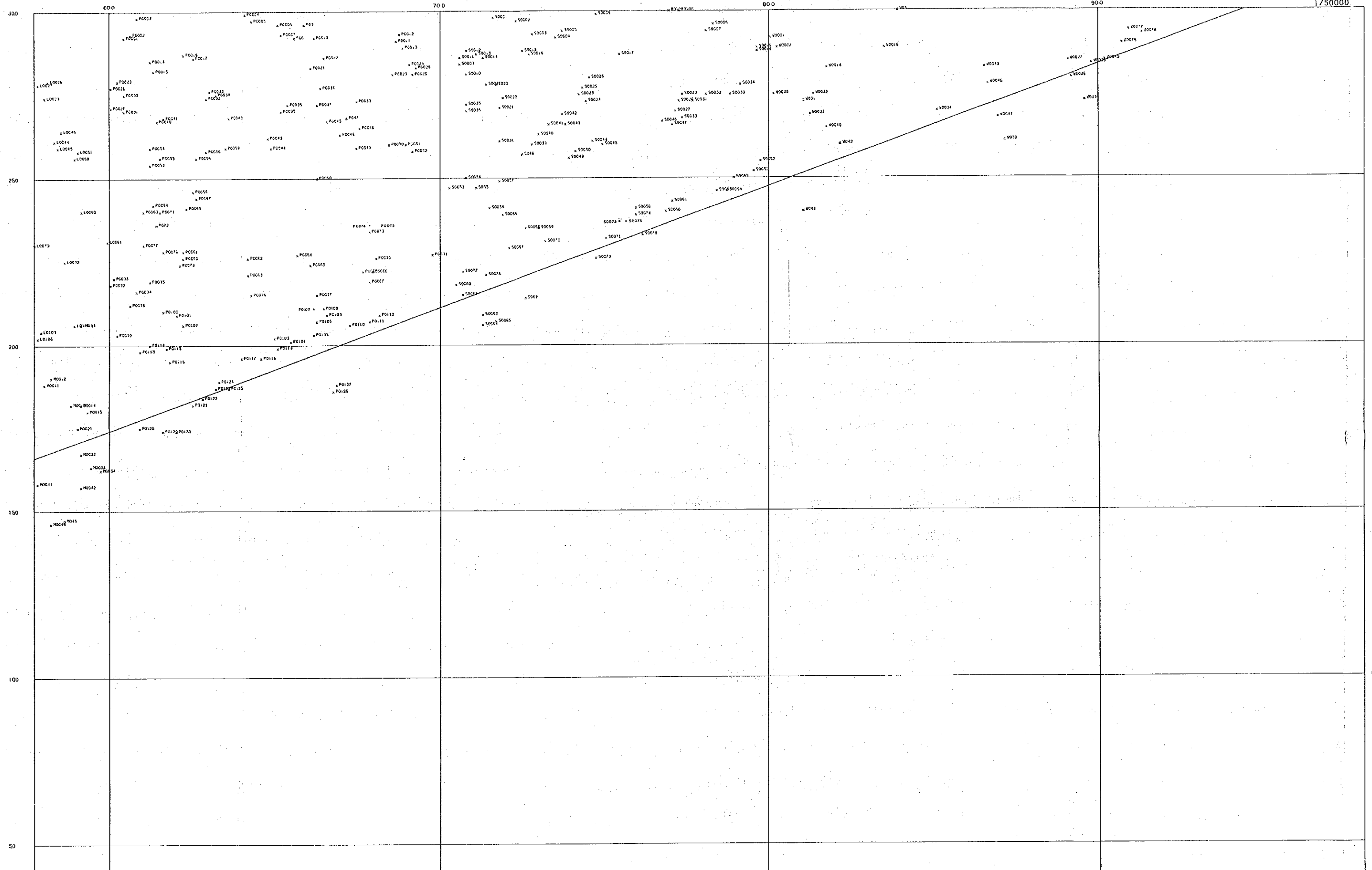


PLATE I Location Map of Stream Sediments



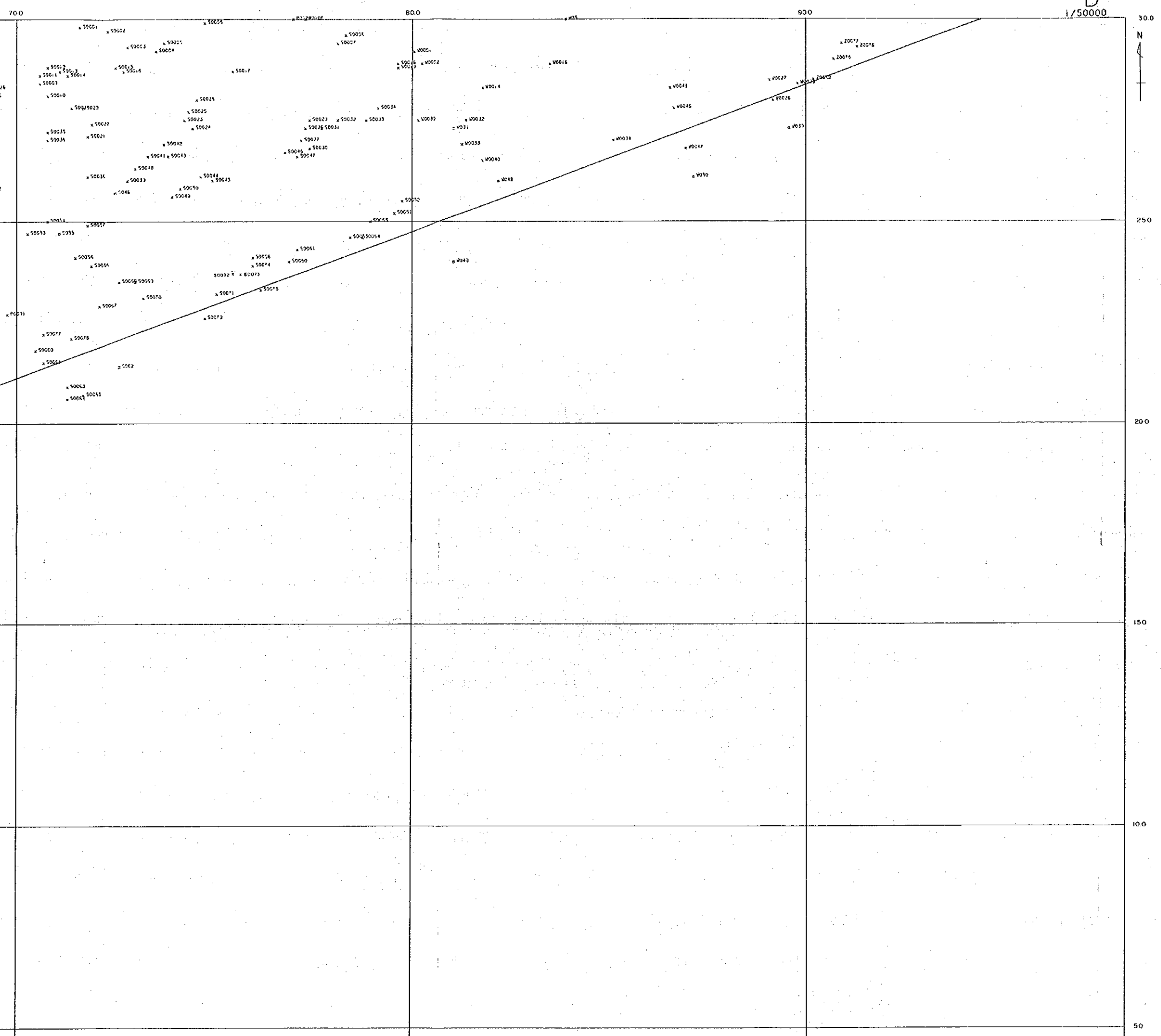




300
250
200
150
100
50

600 700 800 900
N
2
2K
15
10
5

D
1/50000



LEGEND
 x Site of stream sediments
 o Site of panned samples

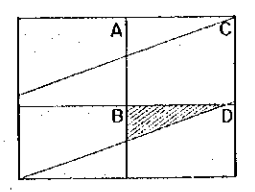
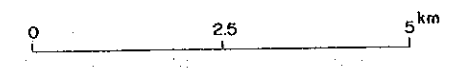
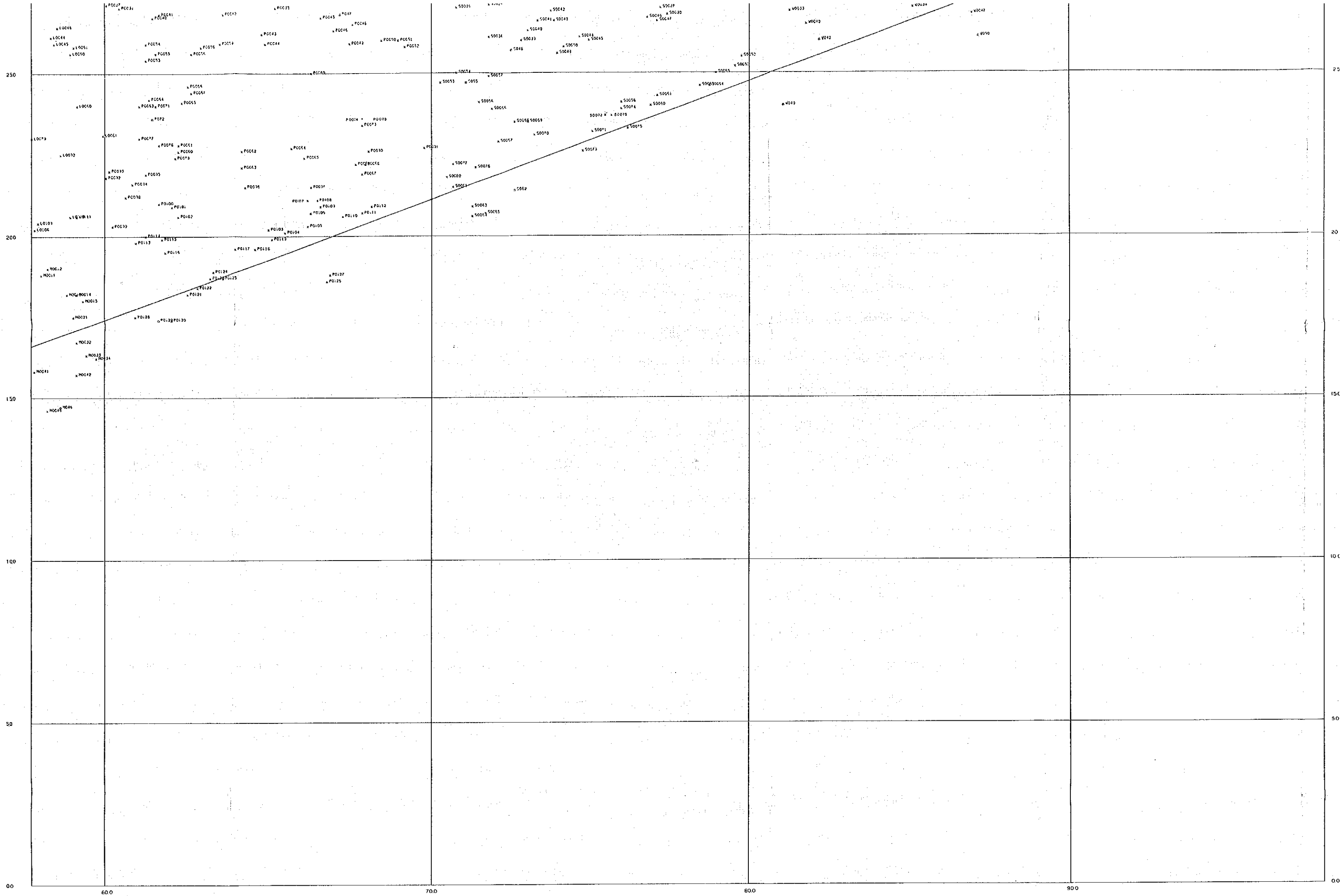


PLATE I Location Map of Stream Sediments



300
250
200
150
100
50



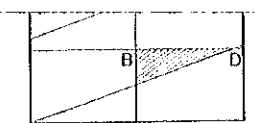
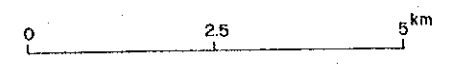


PLATE I Location Map of Stream Sediments



700

800

900

50

100

150

200

250

00

JICA