



EARLY LAKE AREA
MINERAL CLAIMS K.1058373 - 378 INCLUSIVE
KENORA MINING DIVISION, ONTARIO

RECEIVED

SEP 22 1989

INTRODUCTION

Location and Access

MINING LANDS SECTION

The Early Lake claims are located in the Lower Manitou Lake area, about 50 km south of Dryden, Ontario and are centred on 49 20' N latitude, 92 55' W longitude (Dwg. BBEL-1). Six claims (K.1058373-378, inclusive) cover about 100 hectares. Access to the area is by secondary highway from Fort Francis, Ontario and along logging roads that pass about 1000m north of the property.

History

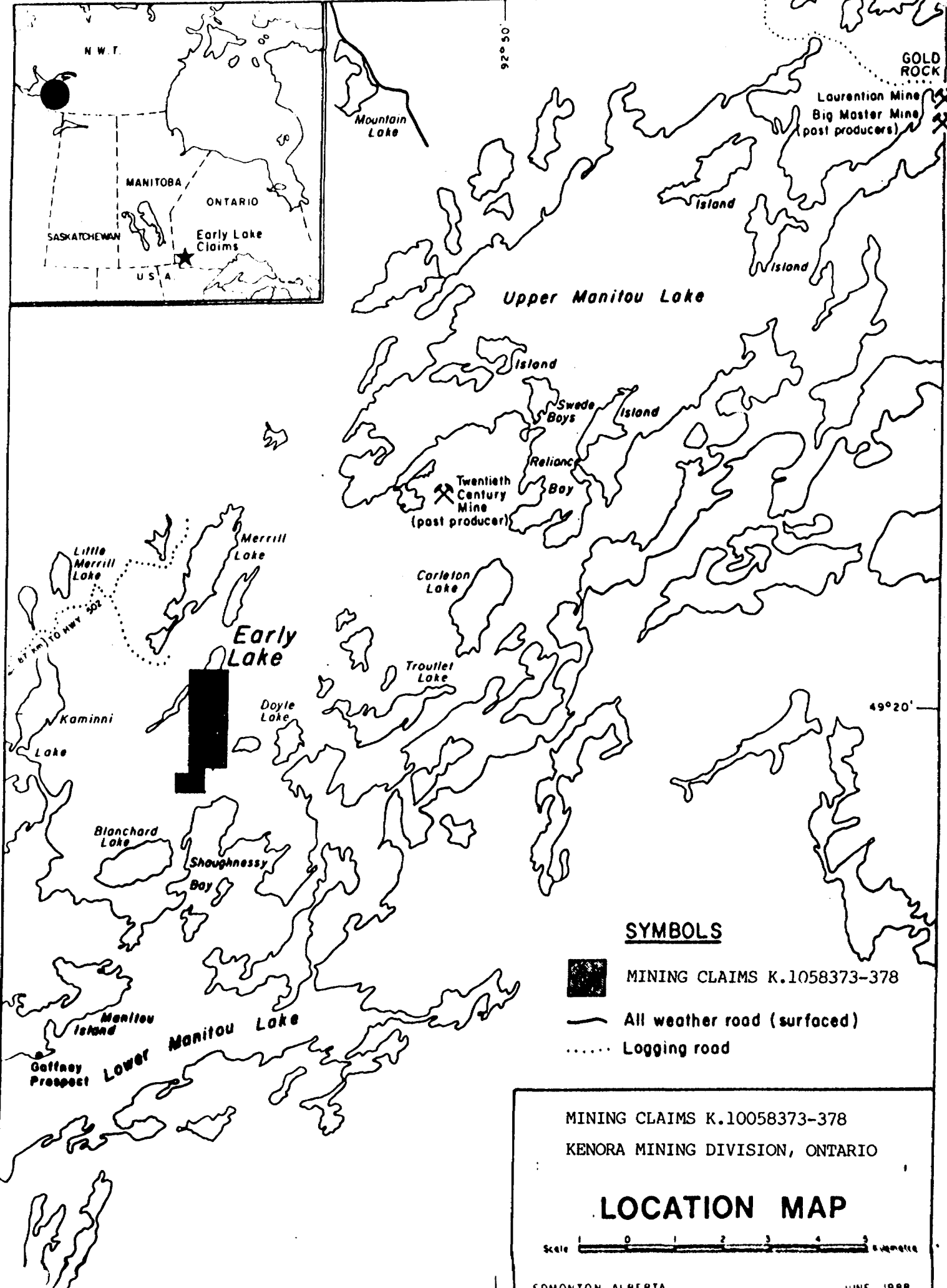
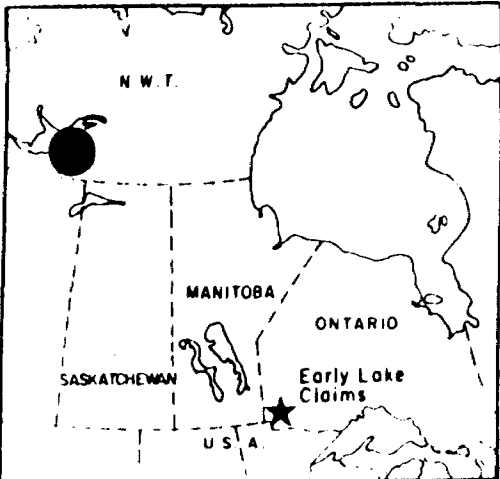
The area has been geologically mapped, with compilation at various scales, by the Ontario Geological Survey (Thomson, 1934; Blackburn, 1976, 1982; Blackburn et al., 1981). An airborne electromagnetic and total intensity magnetic survey was done over the area for the Ontario Geological Survey (1980).

Exploration




During 1988, three geologists and one assistant conducted exploration between July 14 and July 31. The exploration work included grid surveying, detailed geological mapping and rock and soil sampling. In 1989, between July 17 and July 25, a geologist continued geological mapping and rock sampling of the claims.

During 1988, 44 soil samples were collected and sent for analyses. The samples were analysed using the ICP determination method. Results for Cu, Pb, Zn, Ni, Co, Au, Cr, V, Sr, and Mn were profiled using Lotus 1-2-3 PrintGraph (Appendix A). The gold detection limit using ICP is 3 ppm, so 10 g samples of the -80 mesh were also analysed using AA. The Certificates of Analysis and the details of the analytical methods used are in Appendix A.

A total of 17 rock samples were sent for analyses. The Certificates of Analysis and details of the analytical methods used are in Appendix B.




SYMBOLS

-  MINING CLAIMS K.10058373-378
-  All weather road (surfaced)
-  Logging road

MINING CLAIMS K.10058373-378
KENORA MINING DIVISION, ONTARIO

LOCATION MAP

Scale 

EDMONTON, ALBERTA
JUNE, 1988

EXPLORATION RESULTS

Soil Samples

A reconnaissance soil sampling survey was conducted on claim K.1058378. Elevations in the area covered by the survey range between 380 m A.S.L. to 410 m A.S.L. A creek flows to the south from Early Lake and meanders along the eastern boundary of the claim. Rock outcrops form narrow northeast-trending ridges that are partly covered with soil. Swamp covers the northeast part of the claim.

The soil survey was conducted along grid crosslines spaced 120 m apart at station intervals of 30 m. Soil samples were collected from the BF horizon at a depth of 20 cm to 30 cm. In swamps, samples of organic matter were collected.

No highly anomalous metal values are evident from the survey. All but one of the high Cu values are associated with high Mn values. The Au values range from 1 ppb to 17 ppb, and do not form any trends.

Rock Samples

A hand held diamond bit core sampler (G.S.C. design) was used to collect continuous samples from trenches located on claim k.1058376. One rock core sample assayed 5,090 ppb across 40 cm. This sample consists of vein quartz, chlorite schist and carbonate. The remainder of the rock cores have low gold values. Rock grab samples assay up to 1,150 ppb.

Geology

Geological mapping was conducted on claims K.1058374 - K.1058376 in July of 1988, and on claims K.1058373 and K.1058377 in July of 1989. The claims were mapped along grid cross lines spaced up to 120 m apart with station intervals every 20 m. On claim K.1058376 in the area of the trenches the cross lines are 40 m apart. About 40 per cent of the mapped area is covered by swamp.

Most of the area is underlain by northeast trending fine- to medium-grained basalt and medium- to coarse-grained amphibolite. Interbeds of tuff breccia that range in thickness from 1 m to 30 m occur in the northwest area of the grid. The breccia consists of felsic fragments, up to 40 cm across, in an intermediate matrix. Layers of felsic tuff, 30 cm thick occur within the breccia units. Northeast trending quartz-feldspar porphyry dykes, that range between 0.5 and 2 m wide, intrude mafic and intermediate volcanic rocks in the northwest part of the grid area. A felsic to intermediate crystal tuff, 2 m to 3 m thick, forms the footwall in the trenches located on claim K.1058376. The

adjacent metavolcanics are sheared and contain quartz veins
pyrite, calcopyrite and pyrrhotite. Northeast trending shear
zones that are up to 3 m wide are present on claims K.1058376
and K.1058377.



D.B. Nelson, B.Sc., P. Geol.



E.J. Burwash, M.Sc., P. Geol.

Sept. 19, 1989
Edmonton, Alberta

REFERENCES

Blackburn, C.E.

1976: Geology of the Lower Manitou Lakes Area, District of Kenora; Ontario Division of Mines, Geoscience Report 142, 81 p. Accompanied by Map 2320, scale 1:31,680.

1982: Geology of the Manitou Lakes Area, District of Kenora; Ontario Geological Survey, Report 223, 61 p. Accompanied by Map 2476, scale 1:50,000.

Blackburn, C.E., Beard, R.C. and Rivett, Scott.

1981: Kenora-Fort Frances sheet, Kenora and Rainy River Districts; Ontario Geological Survey, Compilation Series, Map P.2443, scale 1:253,440.

Burwash, E.J. and Nelson D.B.

1988: Assessment Report Claims K.1003601 - K.1003606, inclusive; Mining Recorder's Report of Work No. W8801-161

OGS

1980: Airborne electromagnetic and total intensity magnetic survey, Manitou-Stormy Lakes area, District of Kenora; by Kenting Earth Sciences Limited for the OGS, Geophysical/Geochemical Series, Map 80470, scale 1:20,000.

Thomson, J.E.

1934: Geology of the Manitou-Stormy Lakes Area; Ontario Department of Mines, Annual Report for 1933. Vol.42, pt4, p. 1-40. Accompanied by map 24C, Scale 1:63,360.

CERTIFICATION

I, D.B. Nelson of 5204 - 82 Avenue, Edmonton, Alberta, certify and declare that:

1. I am a graduate of the University of Alberta with B.Sc. (1981).
2. I have worked as a geologist since 1981.
3. I am registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I conducted geological and geochemical surveys on claims K.1058373 - 378, inclusive.

Dated at Edmonton, Alberta on SEPT 19, 1989.



D.B. Nelson, B.Sc., P. Geol.

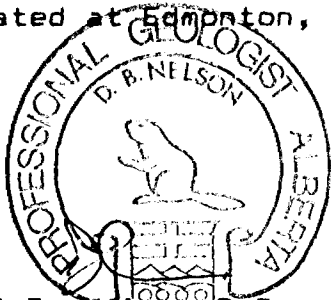
Qual 12630

CERTIFICATION

I, D.B. Nelson of 5204 - 82 Avenue, Edmonton, Alberta,
certify and declare that:

1. I am registered as a Professional Geologist with the
Association of Professional Engineers, Geologists and
Geophysicists of Alberta.
2. I have paid in full all the monies claimed for under
Expenditures.

Dated at Edmonton, Alberta on SEPT 19, 1989.



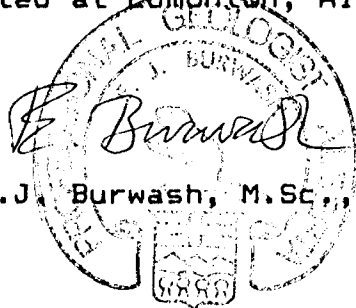
D.B. Nelson B.Sc., P. Geol.

CERTIFICATION

I, E.J. Burwash of 5204 - 82 Avenue, Edmonton, Alberta, certify and declare that:

1. I am a graduate of the University of Alberta with B.Sc. (1981) and a M.Sc. (1986) in Geology.
2. I have worked as a geologist since 1981.
3. I am registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I conducted geological and geochemical surveys on claims K.1058373 - 378, inclusive.

Dated at Edmonton, Alberta on Sept 19, 1989.



E.J. Burwash, M.Sc., P. Geol.

2.12630

Appendix A

A. Certificates of Analysis

B. Profiles

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FK SR CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 SOIL P3 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. P:-Pulverized.

DATE RECEIVED: AUG 25 1988

DATE REPORT MAILED: Aug 29/88

ASSAYER: C. Leong... D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

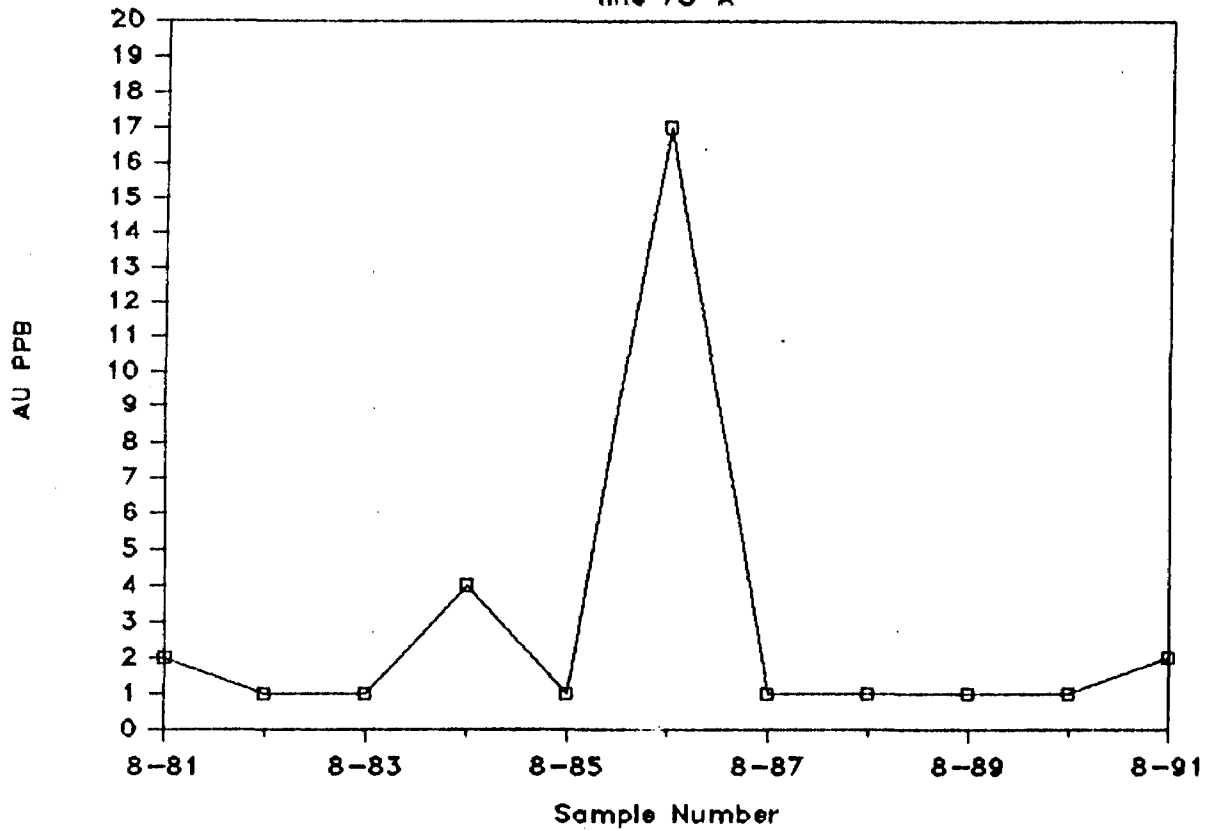
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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tl PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8-80	1	4	4	37	.2	9	4	113	1.24	2	5	ND	2	12	1	2	2	24	.15	.012	8	25	.42	37	.08	14	1.07	.01	.05	1	2
8-81	1	9	6	26	.2	11	4	166	1.38	2	5	ND	1	6	1	2	2	22	.13	.007	6	21	.51	26	.03	5	1.33	.01	.03	1	2
8-82	1	52	12	44	.1	27	10	322	1.69	2	5	ND	1	12	1	2	2	26	.46	.034	11	30	.44	50	.01	5	1.33	.01	.03	1	1
8-83	1	54	17	41	.4	28	12	961	2.31	2	5	ND	3	25	1	2	2	33	1.75	.065	33	32	.36	126	.02	7	2.19	.01	.10	1	1
8-84	1	9	4	25	.1	16	6	126	1.61	2	5	ND	2	12	1	3	2	30	.17	.008	7	30	.50	21	.07	4	1.14	.01	.01	1	4
8-85	1	20	4	34	.1	19	6	159	2.02	3	5	ND	2	13	1	2	2	32	.21	.051	9	33	.51	34	.09	2	1.15	.01	.05	2	1
8-86	1	39	9	93	.1	30	8	162	2.74	2	5	ND	1	9	1	2	2	49	.17	.050	7	54	.75	42	.06	7	2.07	.01	.05	1	17
8-87	1	67	39	25	.1	17	5	1249	.74	3	5	ND	1	36	1	2	2	13	3.74	.111	20	8	.15	114	.01	17	.55	.01	.06	1	1
8-88	1	335	6	106	.3	24	19	2352	1.81	2	5	ND	1	34	1	2	2	23	2.70	.117	44	18	.15	143	.01	6	2.01	.01	.07	1	1
8-89	1	29	4	50	.1	14	5	124	2.41	2	5	ND	3	9	1	2	2	43	.14	.047	7	28	.31	38	.06	4	1.79	.01	.02	1	1
8-90	1	12	2	28	.1	11	5	112	1.35	2	5	ND	2	11	1	2	2	26	.16	.009	9	21	.37	30	.06	3	1.17	.01	.03	1	1
8-91	1	317	16	80	.1	63	17	1992	2.30	2	5	ND	1	11	1	2	2	29	1.57	.145	33	37	.33	102	.01	9	3.29	.01	.04	1	2
8-92	1	23	4	25	.1	11	4	121	1.21	2	5	ND	2	9	1	2	2	24	.18	.011	6	21	.40	16	.05	4	1.00	.01	.02	1	1
8-93	1	15	6	48	.1	5	2	115	1.14	2	5	ND	2	8	1	2	6	28	.22	.009	7	11	.30	27	.03	6	.82	.01	.03	1	1
8-94	1	98	8	28	.3	24	13	1076	1.76	2	5	ND	1	22	1	2	5	33	1.57	.089	34	34	.26	120	.01	2	1.65	.01	.05	1	6
8-95	1	14	5	43	.2	18	6	146	1.54	2	5	ND	1	11	1	2	2	31	.15	.016	8	30	.46	38	.07	4	1.19	.01	.02	2	1
8-96	1	18	11	39	.1	28	9	164	2.73	2	5	ND	2	9	1	2	2	63	.15	.011	6	37	.96	25	.10	2	1.68	.01	.03	1	1
8-97	1	7	3	26	.1	12	5	103	1.36	2	5	ND	1	10	1	2	2	24	.14	.017	7	26	.41	22	.05	6	.97	.01	.03	1	1
8-98	1	14	4	46	.2	16	8	169	2.80	4	7	ND	3	11	1	2	2	48	.18	.032	5	30	.50	32	.09	7	1.38	.01	.02	1	10
8-99	1	36	4	46	.1	23	9	177	2.19	4	5	ND	3	14	1	2	2	41	.28	.022	14	35	.61	52	.08	6	1.62	.01	.05	2	1
8-100	1	50	14	12	.1	7	3	306	.97	2	5	ND	1	33	1	2	2	18	3.69	.056	20	7	.12	54	.01	8	.41	.01	.02	1	2
8-101	1	43	26	30	.1	8	3	681	.56	2	5	ND	1	33	1	2	2	9	3.74	.067	14	6	.15	64	.01	15	.40	.01	.05	2	1
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8-104	1	14	4	39	.1	9	4	121	1.47	2	5	ND	2	9	1	2	2	28	.13	.021	8	22	.36	44	.04	5	1.03	.01	.04	1	2
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8-106	1	23	6	44	.1	16	7	180	1.60	2	5	ND	3	10	1	2	3	25	.29	.011	12	26	.40	39	.07	5	1.26	.01	.02	1	1
8-107	1	27	6	51	.1	13	6	408	1.81	7	5	ND	1	11	1	2	2	30	.43	.033	7	20	.29	61	.03	7	.94	.01	.03	2	1
8-108	1	16	5	91	.1	29	11	474	2.47	2	5	ND	3	5	1	2	2	46	.21	.015	5	54	.68	29	.06	6	1.44	.01	.04	1	1
8-109	2	137	13	62	.1	41	60	3700	2.17	5	5	ND	1	21	1	2	2	27	1.78	.051	25	28	.28	132	.01	9	1.27	.01	.03	1	1
8-110	1	55	26	69	.1	7	3	244	.34	2	5	ND	1	27	1	2	2	6	3.02	.064	9	4	.10	50	.01	12	.24	.01	.03	1	1
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8-113	1	107	16	23	.1	24	7	854	1.00	2	5	ND	1	20	1	2	2	14	1.68	.055	27	13	.18	65	.01	9	.83	.01	.03	1	1
8-114	1	52	8	39	.3	24	7	112	2.05	2	5	ND	8	8	1	2	2	37	.13	.026	10	30	.30	47	.06	3	2.45	.01	.04	1	2
8-115	1	40	8	86	.1	33	16	1230	2.48	2	5	ND	1	6	1	4	2	34	.18	.065	7	40	.50	46	.02	8	1.78	.01	.08	1	1
STD C/AU-S	18	58	36	132	7.1	70	29	1080	3.93	40	18	8	36	48	17	17	17	58	.45	.087	39	59	.89	176	.06	37	1.91	.06	.15	13	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Ce PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tl PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
8-115	1	6	7	38	.1	11	5	238	1.63	2	5	ND	1	12	1	2	2	29	.21	.019	8	23	.31	42	.07	13	.95	.01	.02	2	6
8-117	1	23	9	60	.1	23	9	203	2.05	2	5	ND	1	6	1	2	2	40	.17	.016	6	41	.74	43	.05	5	1.41	.01	.04	2	1
8-118	1	41	11	82	.1	15	7	136	1.64	2	5	ND	1	9	1	2	2	29	.17	.026	10	31	.63	72	.03	4	1.64	.01	.03	3	4
8-119	1	64	20	30	.2	9	2	238	.44	2	5	ND	1	44	1	3	2	9	4.64	.064	5	6	.14	72	.01	18	.41	.01	.02	2	1
8-120	1	13	11	17	.1	3	1	92	.26	3	5	ND	1	32	1	2	2	4	3.07	.039	2	3	.10	34	.01	7	.20	.01	.01	1	1
8-121 P	1	20	19	25	.1	7	2	152	.60	4	5	ND	1	42	1	2	2	4	4.22	.081	3	3	.10	78	.01	13	.24	.01	.02	1	1
8-122 P	1	35	7	27	.3	11	2	143	.55	3	5	ND	1	46	1	3	2	4	4.77	.070	7	5	.09	90	.01	11	.31	.03	.03	1	1
8-123 P	1	24	8	27	.2	7	2	224	.55	4	5	ND	1	37	1	2	2	5	3.74	.058	3	3	.10	68	.01	17	.23	.01	.03	1	1
8-124 P	1	7	10	57	.1	1	1	232	.24	2	5	ND	1	32	1	2	2	2	2.79	.035	2	2	.07	81	.01	19	.12	.01	.02	1	1
STD C/AU-S	10	57	37	130	7.1	66	27	1056	3.99	42	17	7	35	48	17	17	19	55	.48	.087	37	55	.88	175	.06	36	1.89	.06	.14	13	53

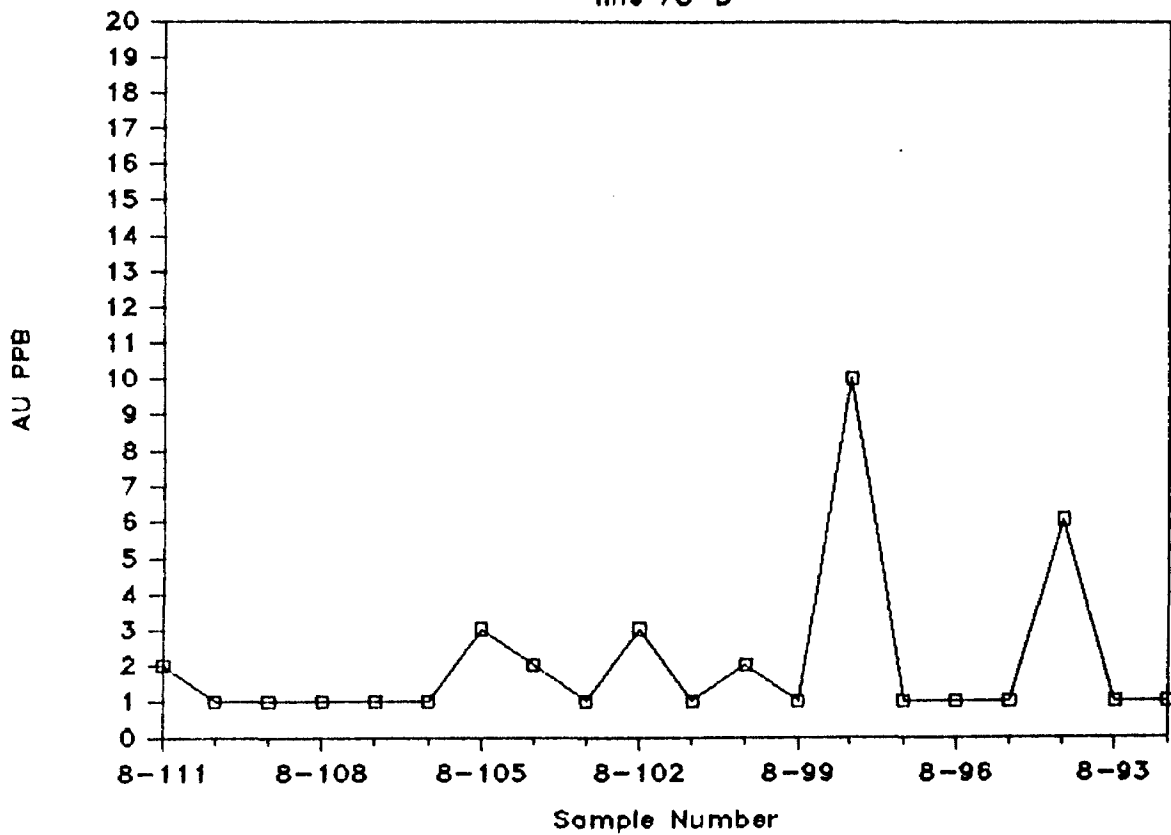
Mineral Claim 1058378

line 78-A



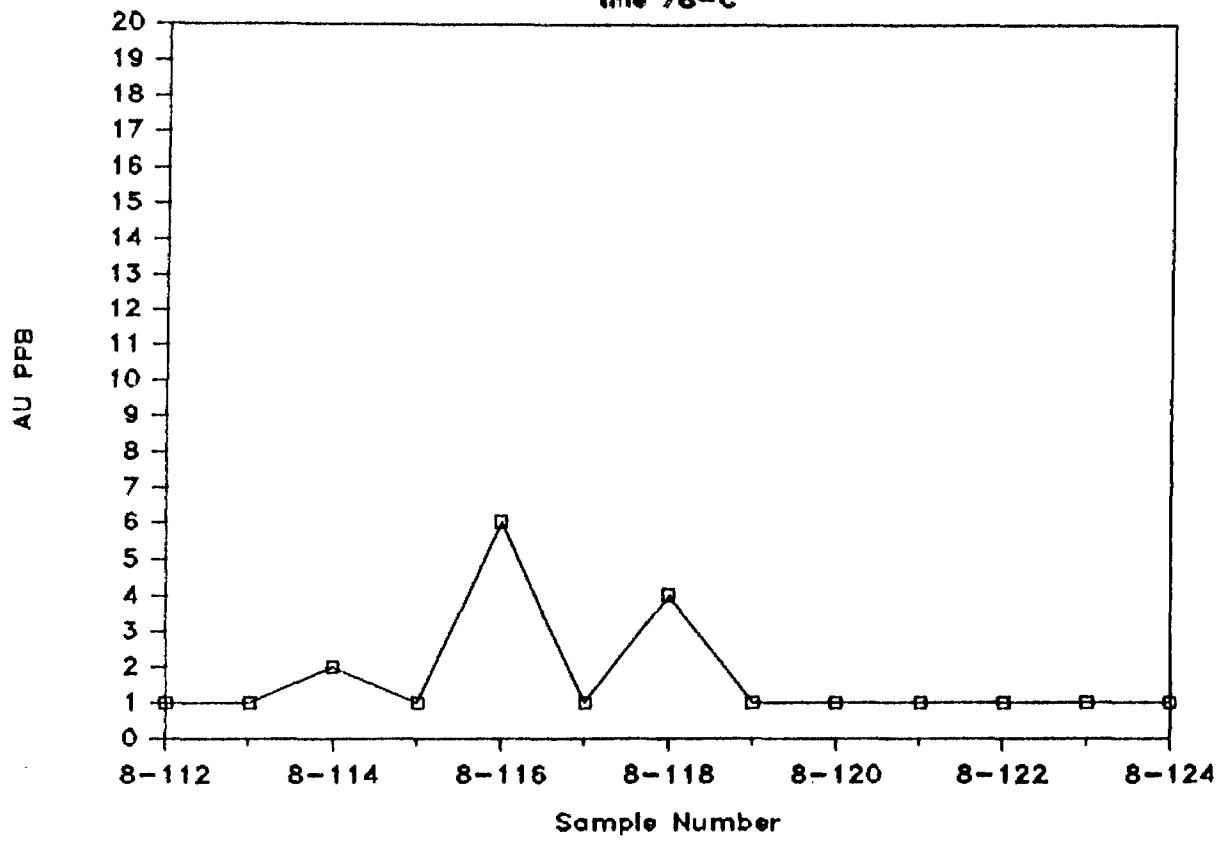
Mineral Claim 1058378

line 78-B



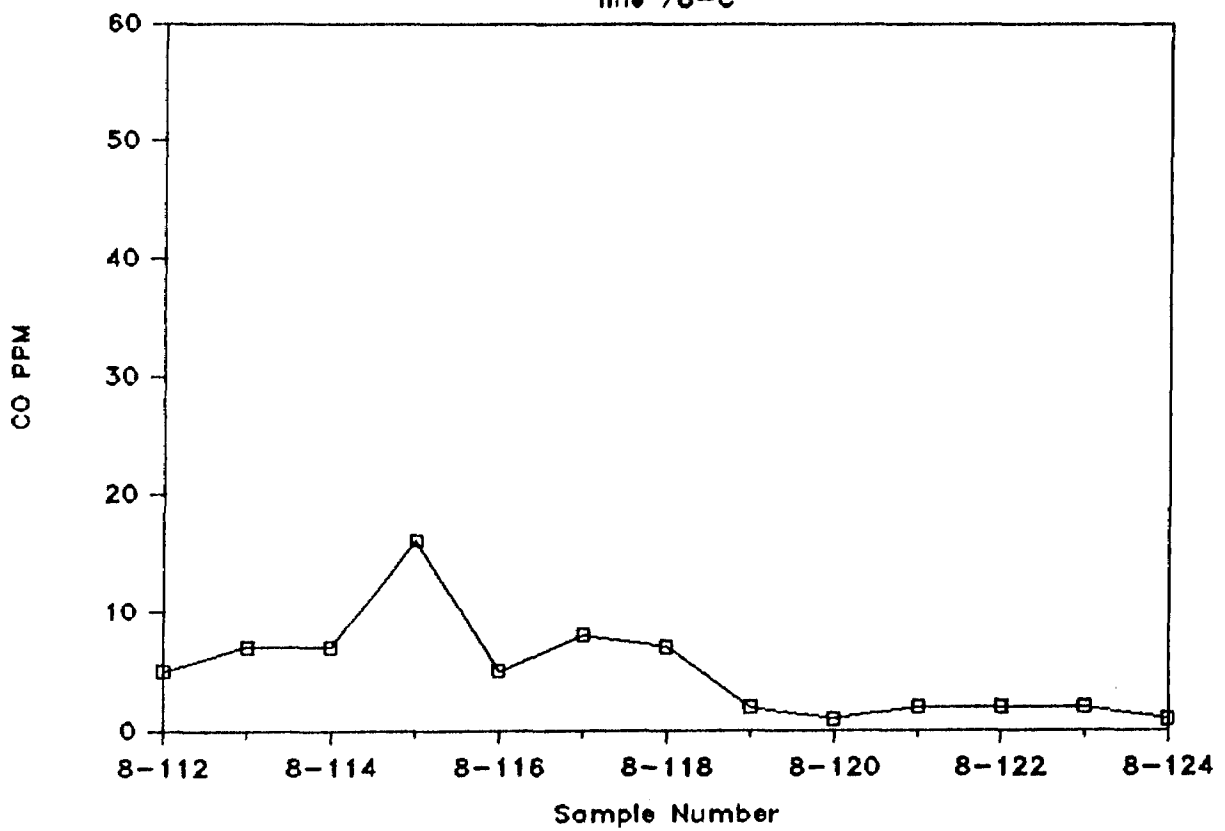
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line 78-C



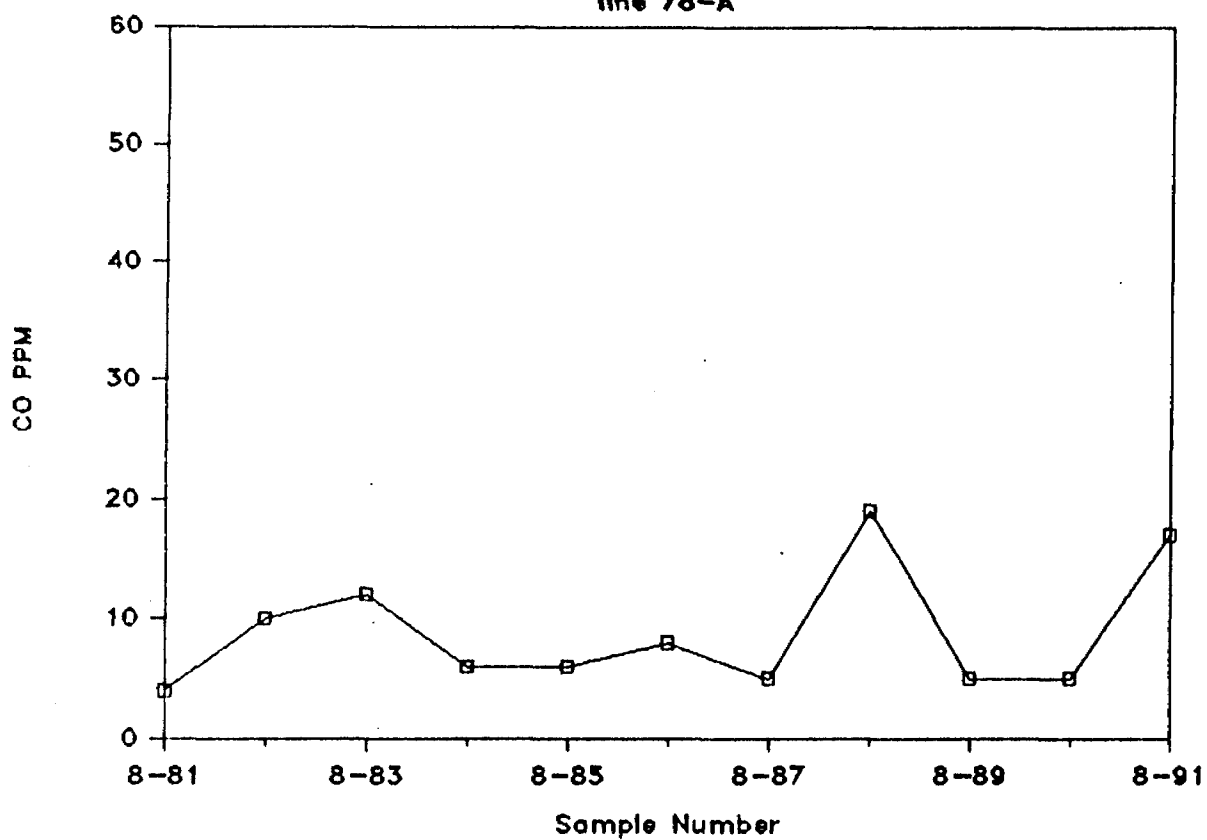
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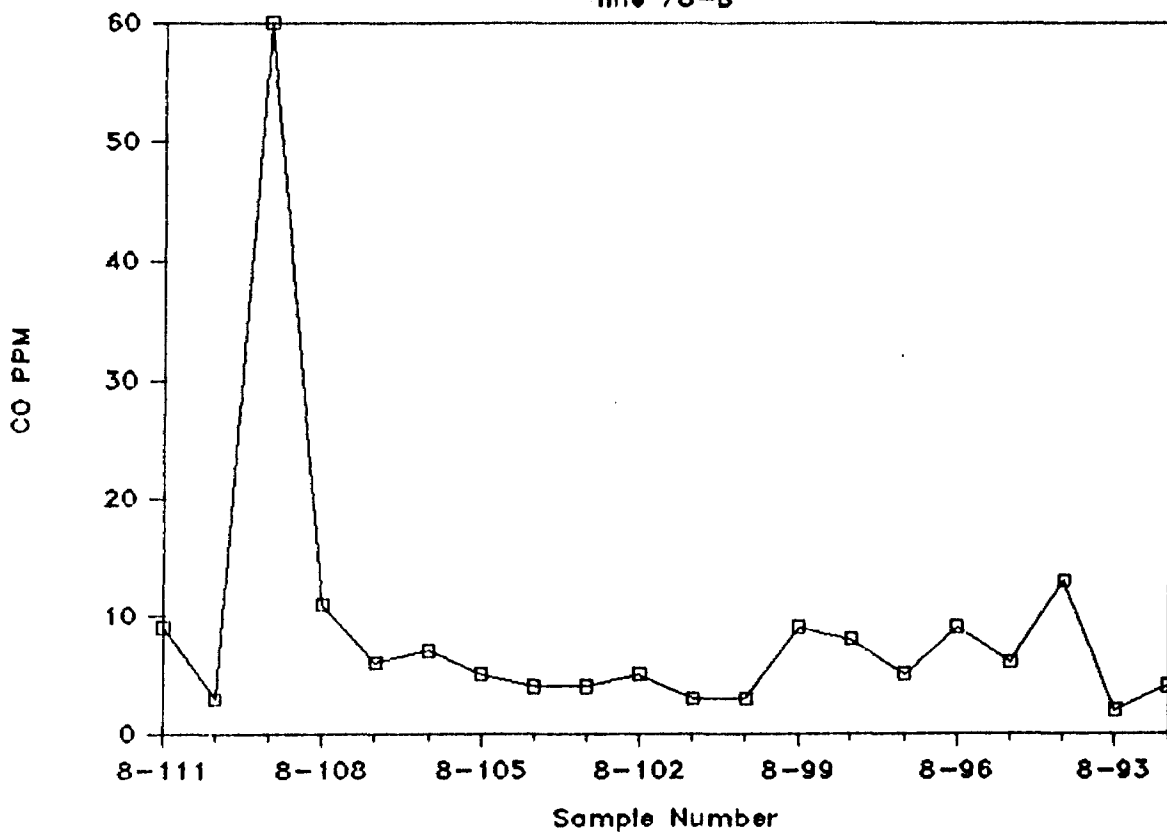
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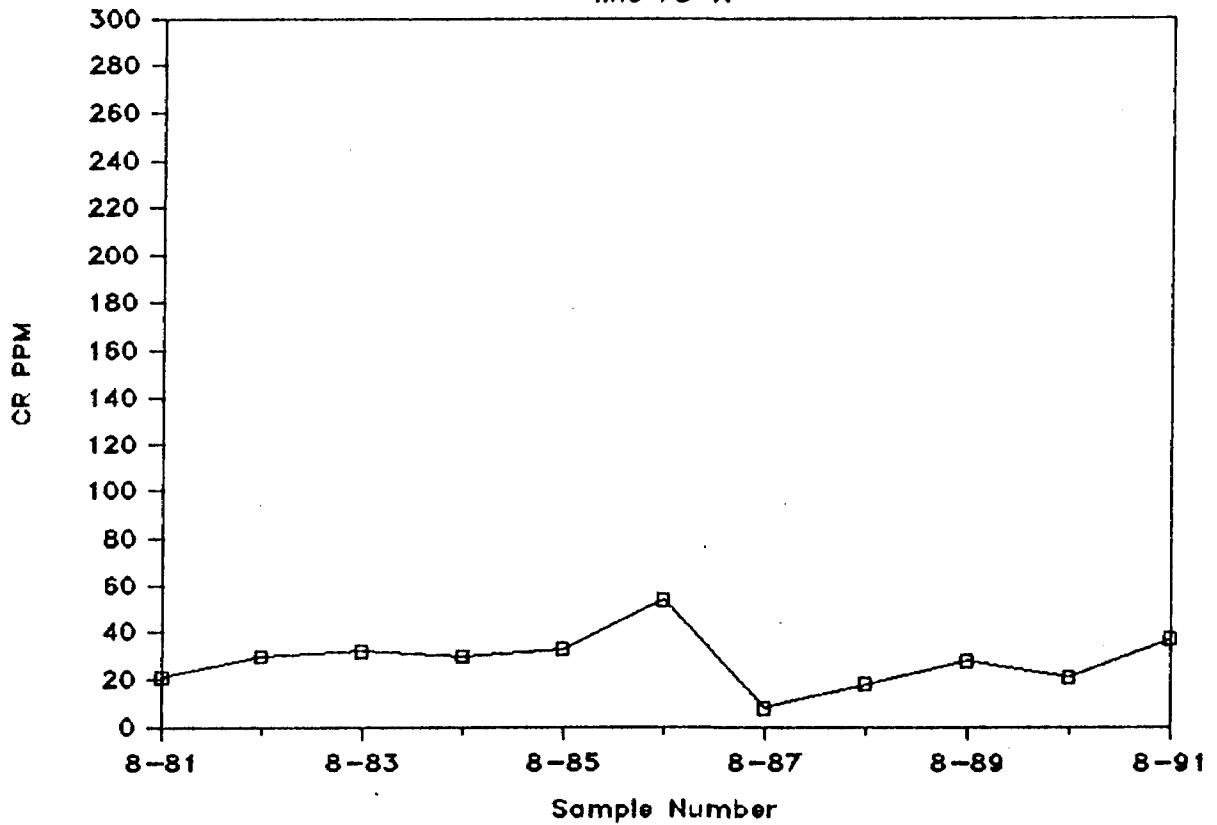
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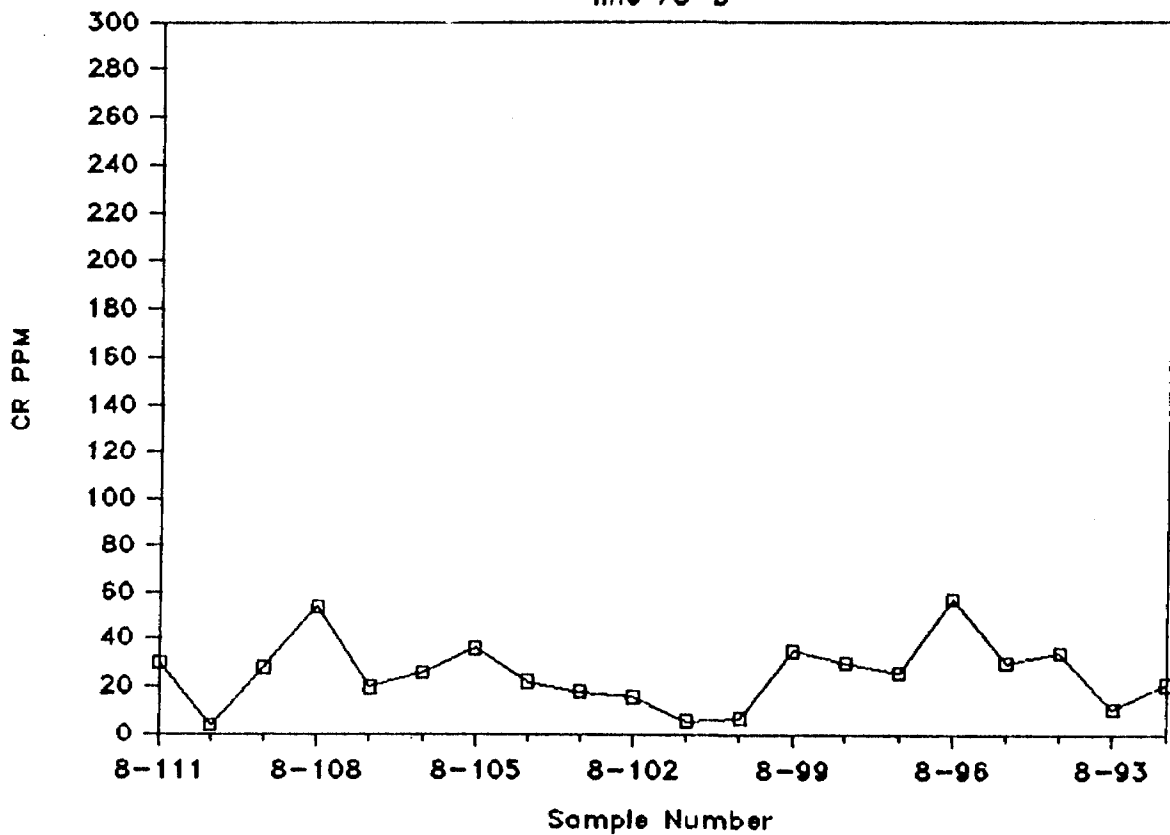
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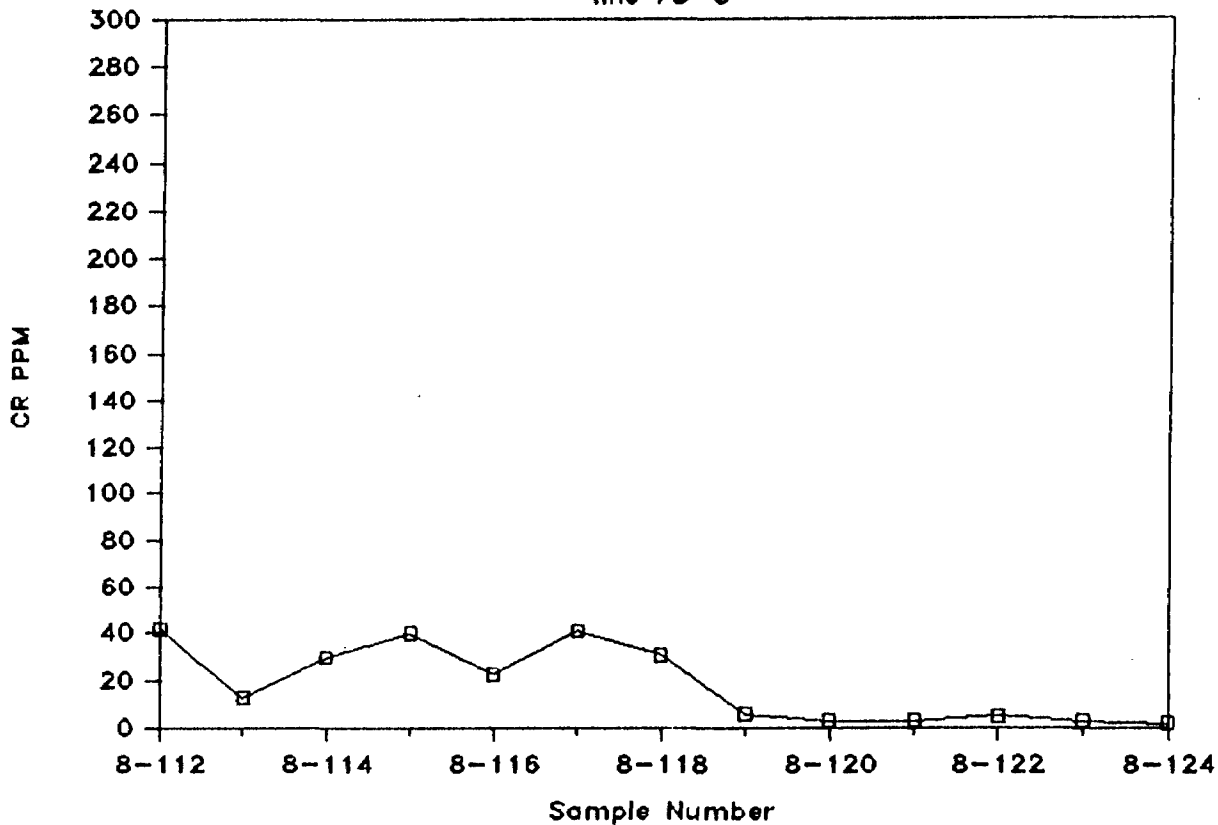
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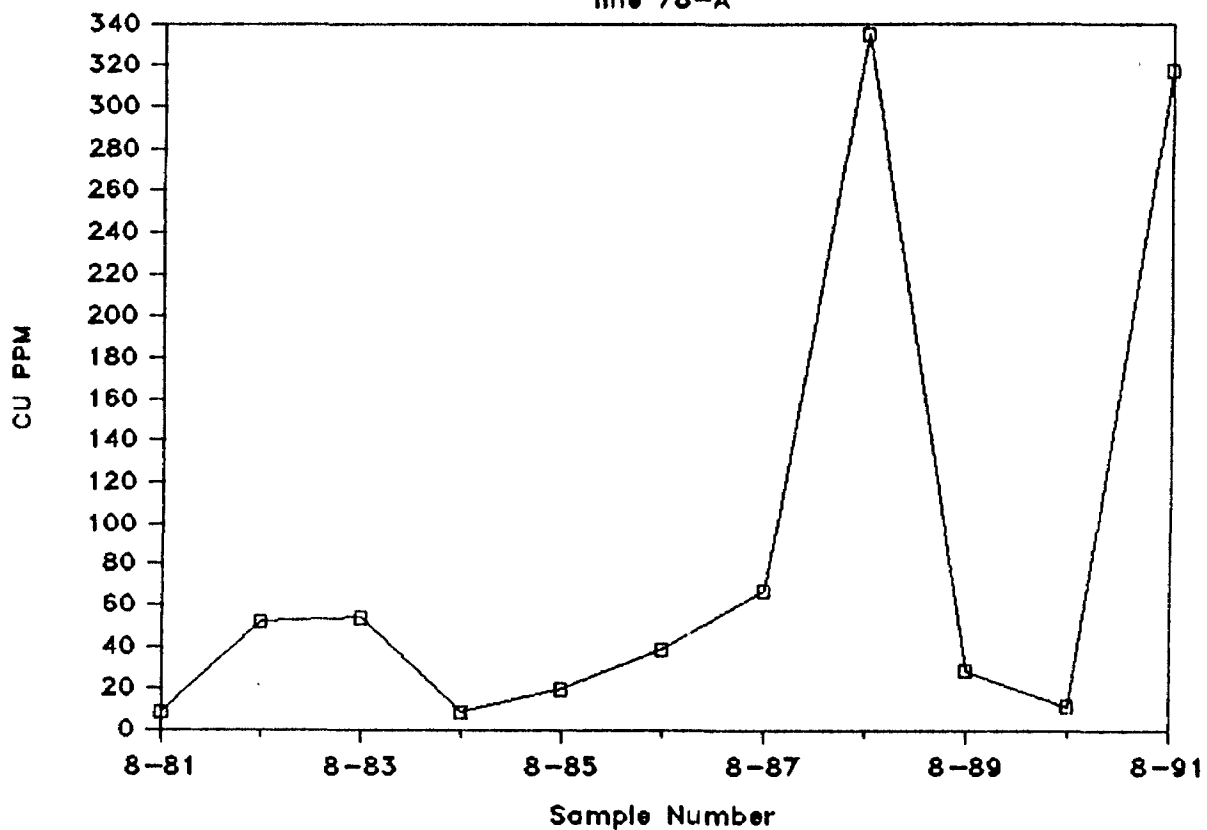
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line 78-C



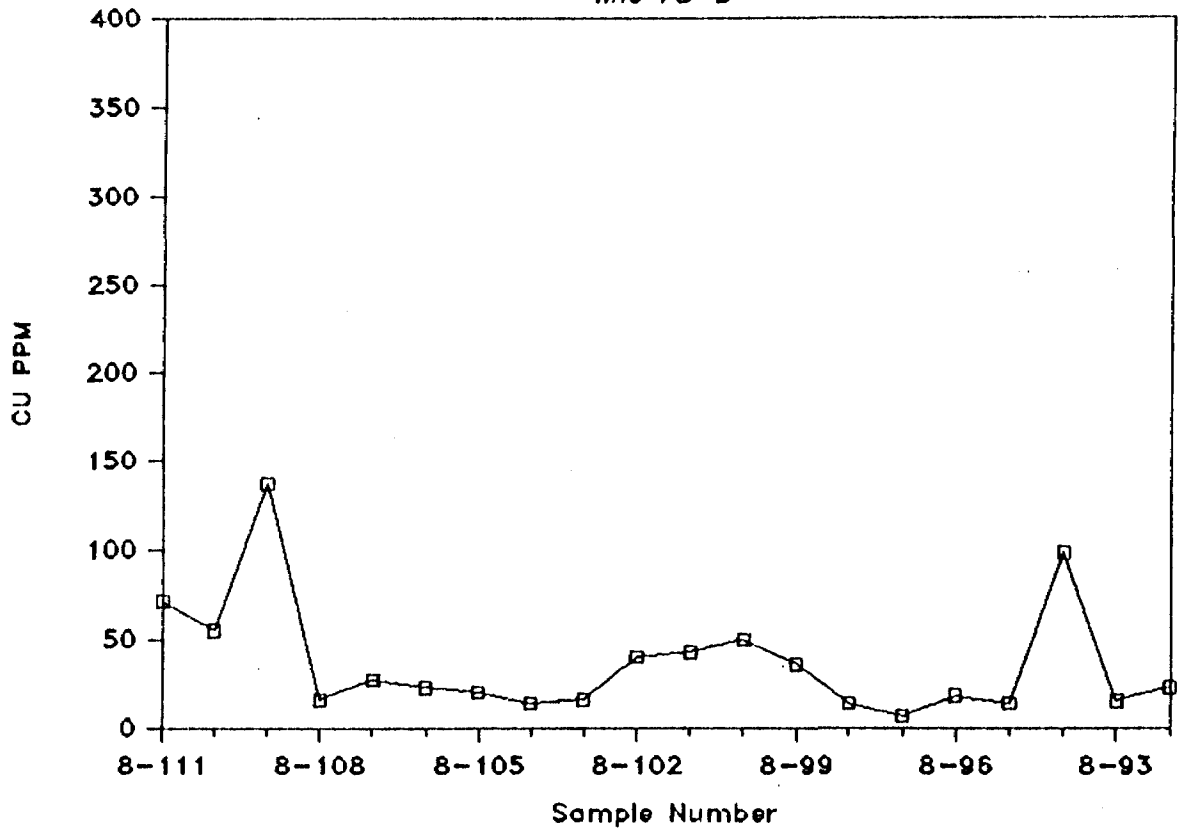
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line 78-A



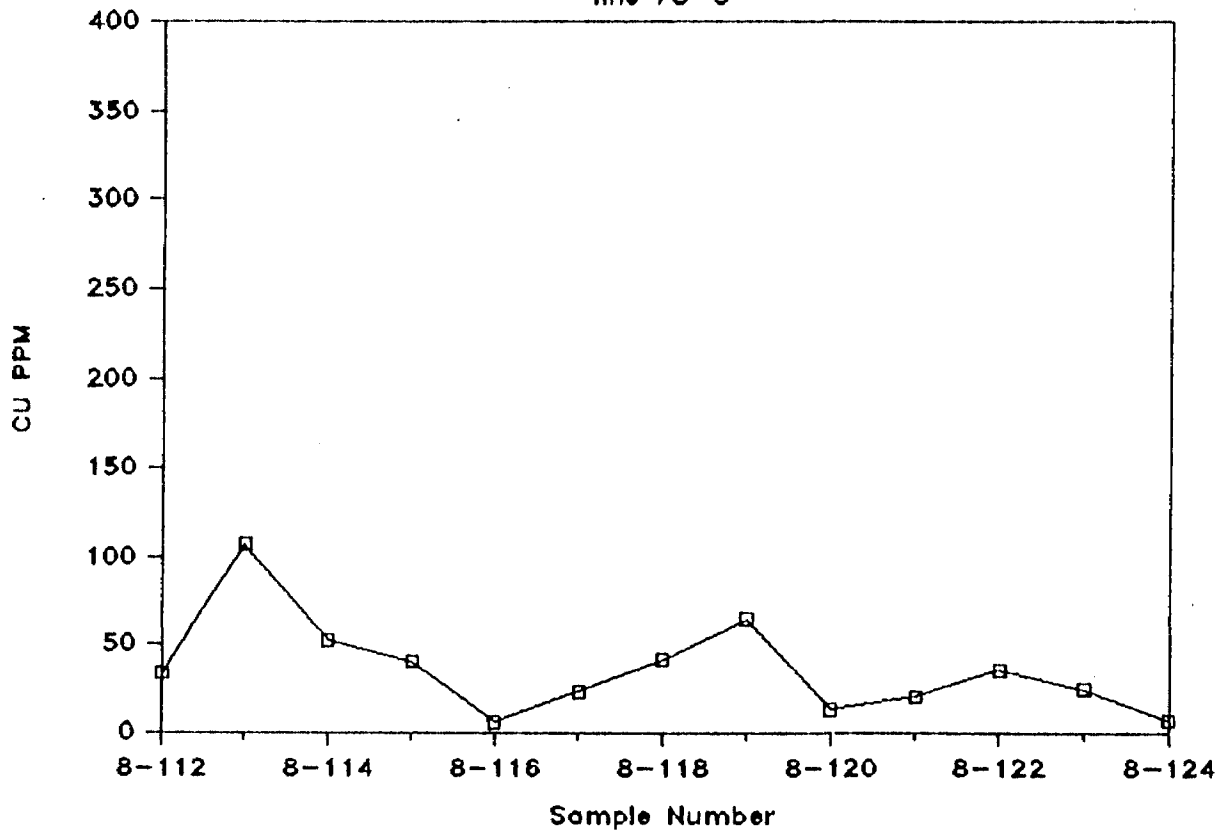
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line 78-B



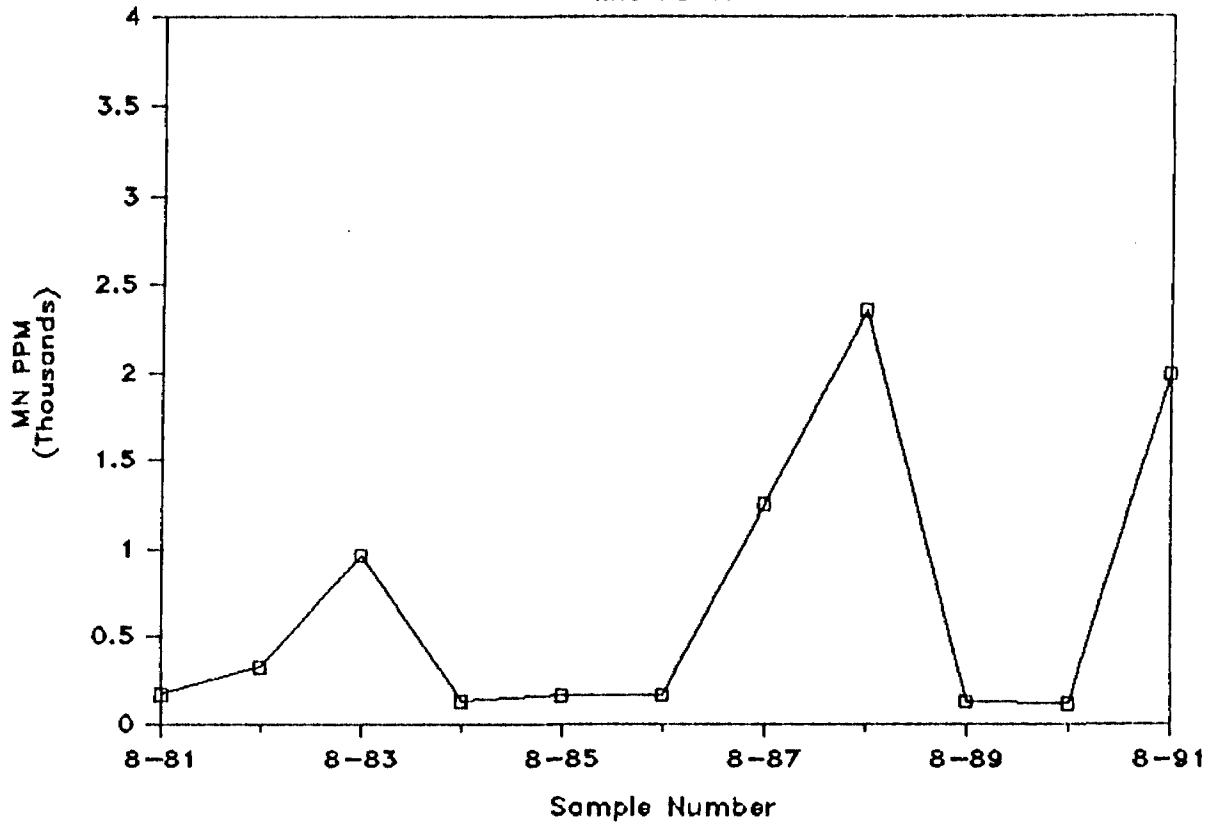
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line 78-C



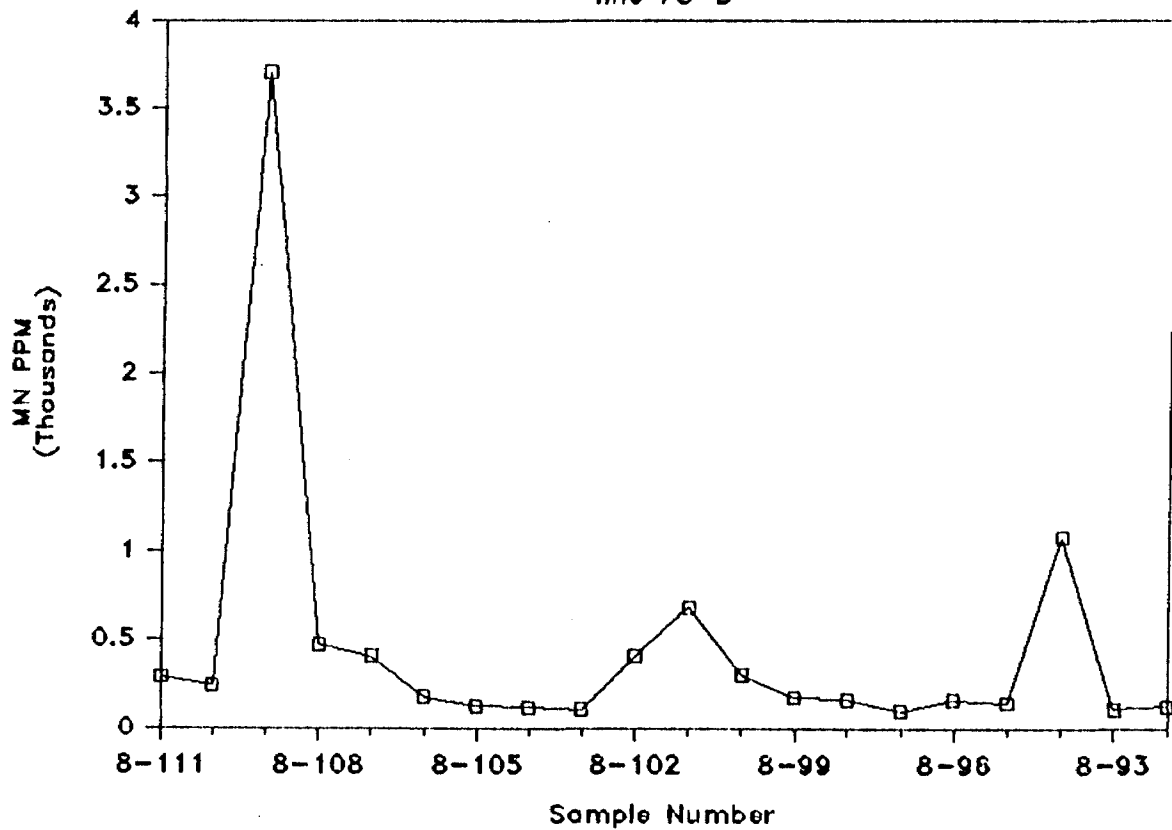
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line 78-A



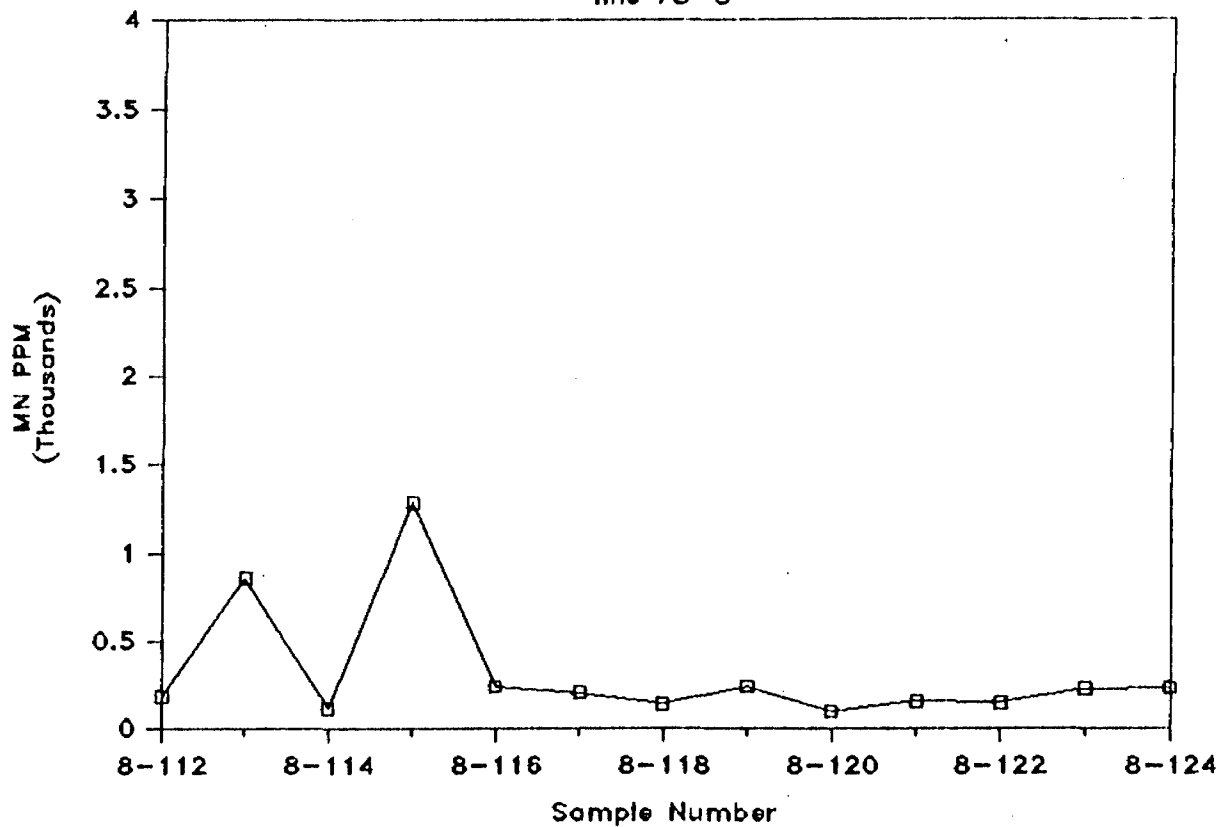
Mineral Claim 1058378

line 78-B



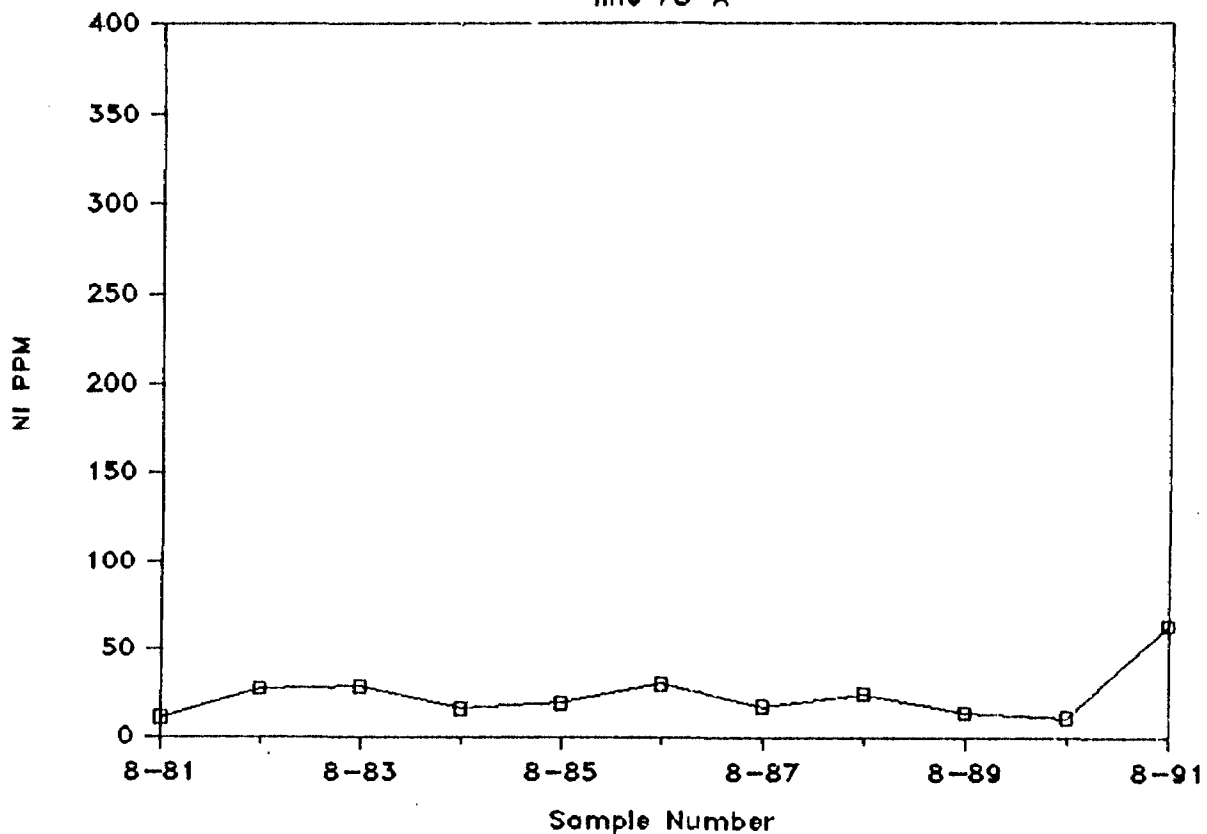
Mineral Claim 1058378

line 78-C



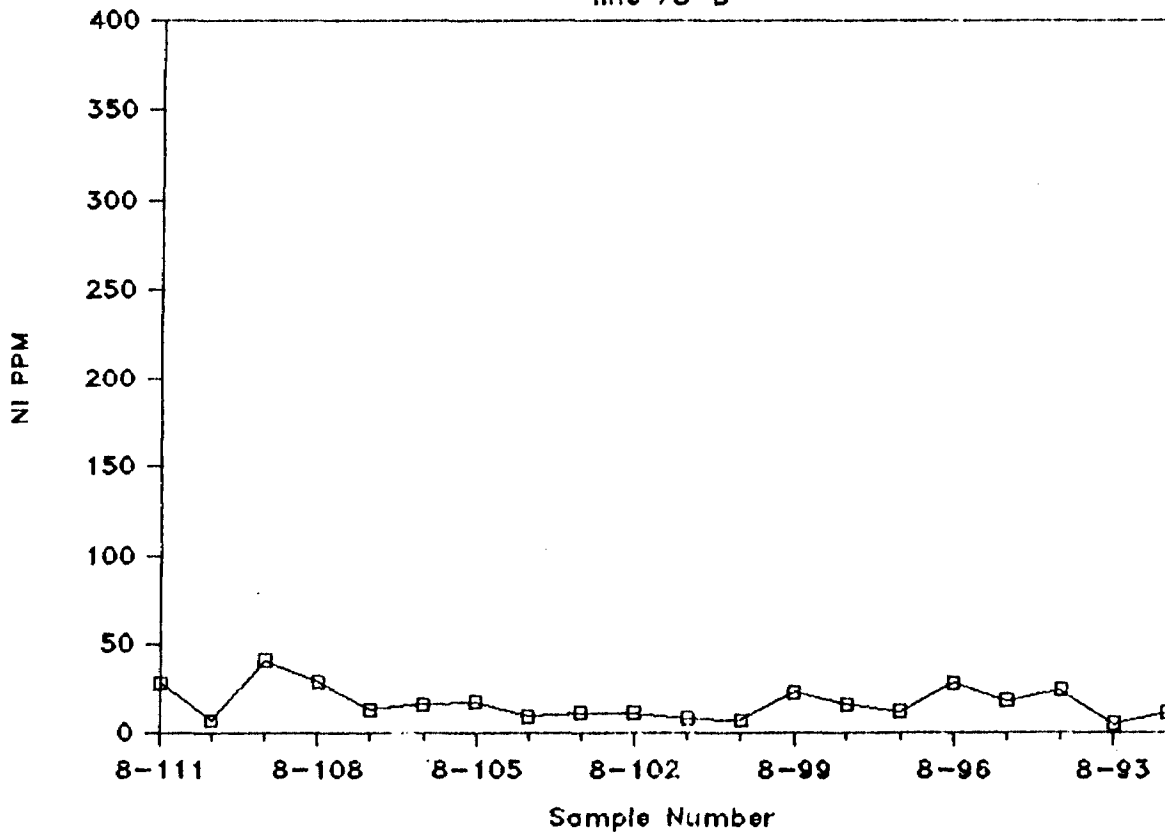
Mineral Claim 1058378

line 78-A



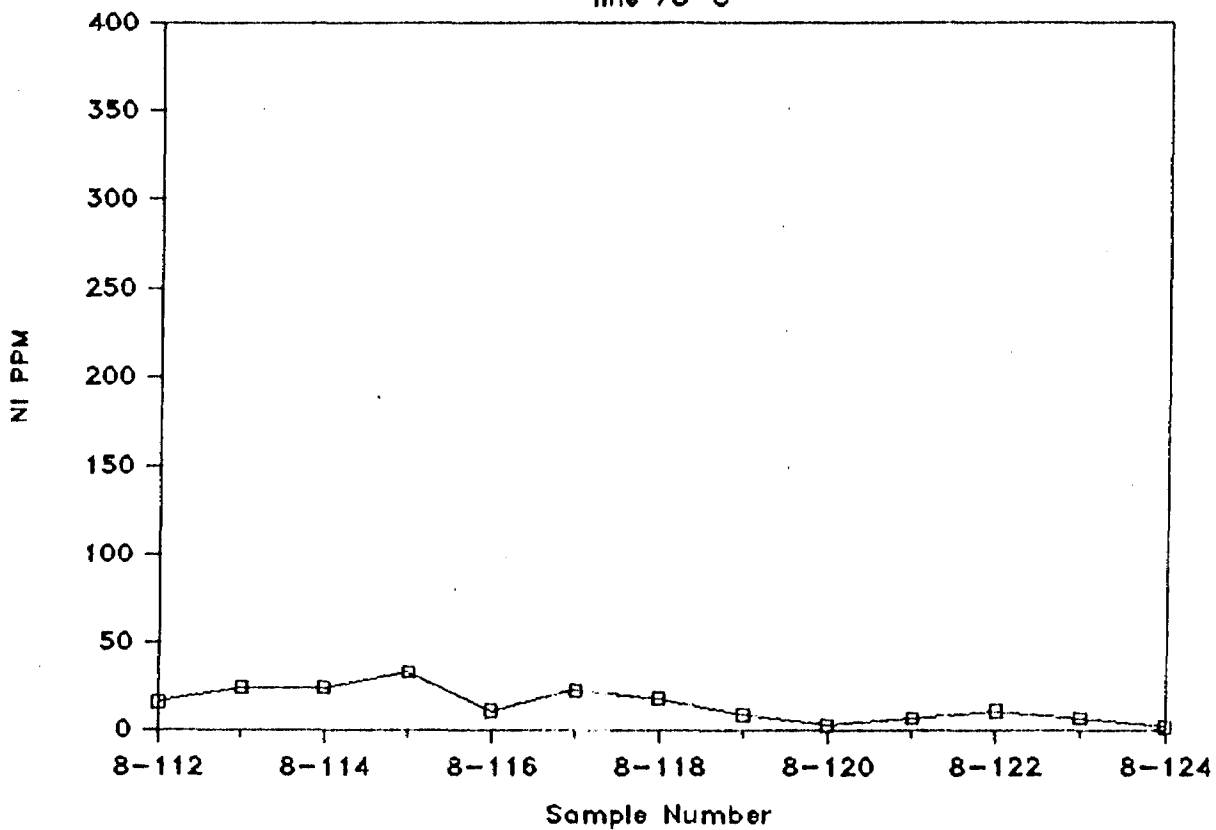
Mineral Claim 1058378

line 78-B



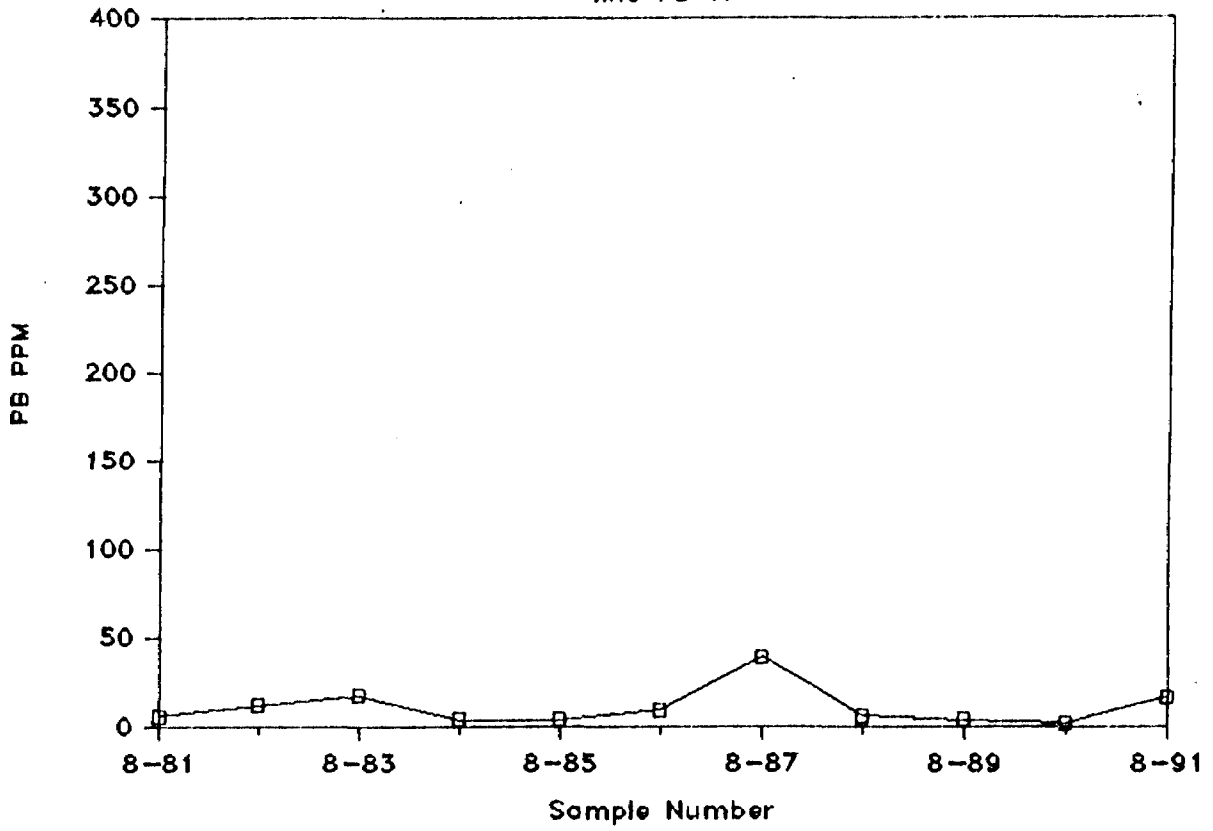
Mineral Claim 1058378

line 78-C



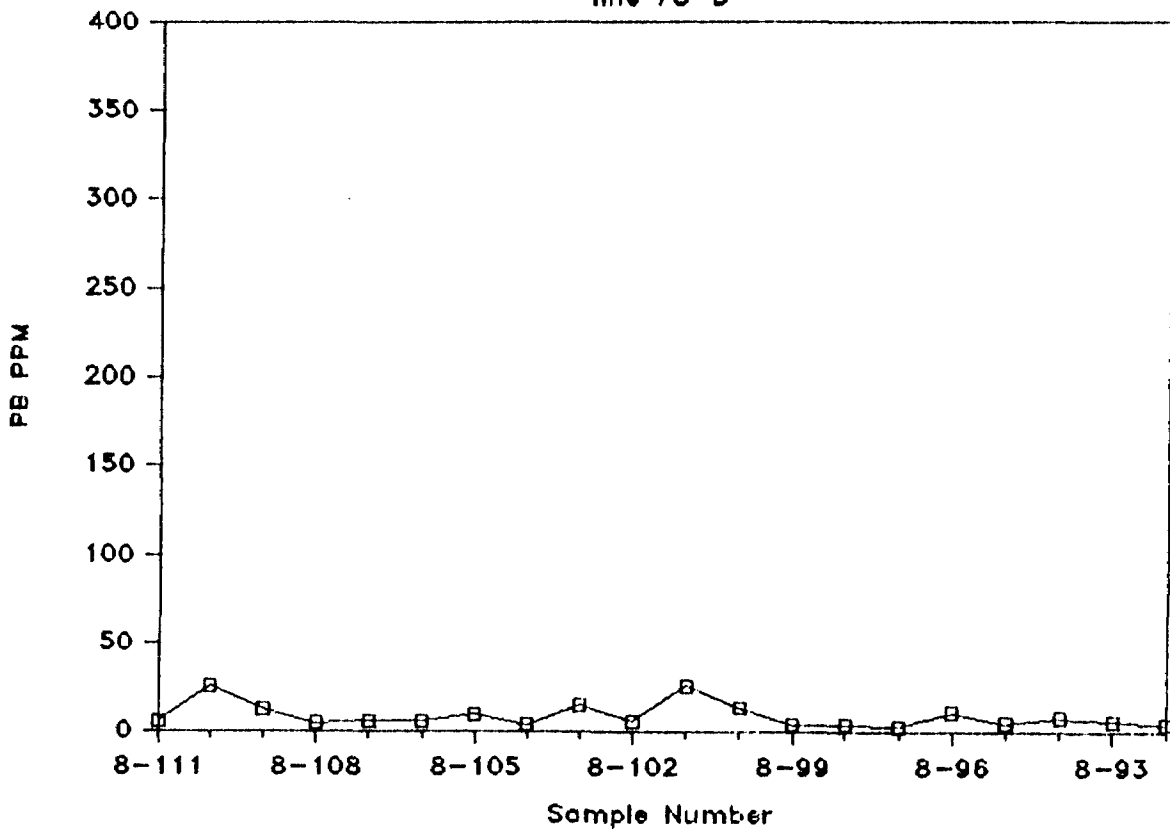
Mineral Claim 1058378

line 78-A



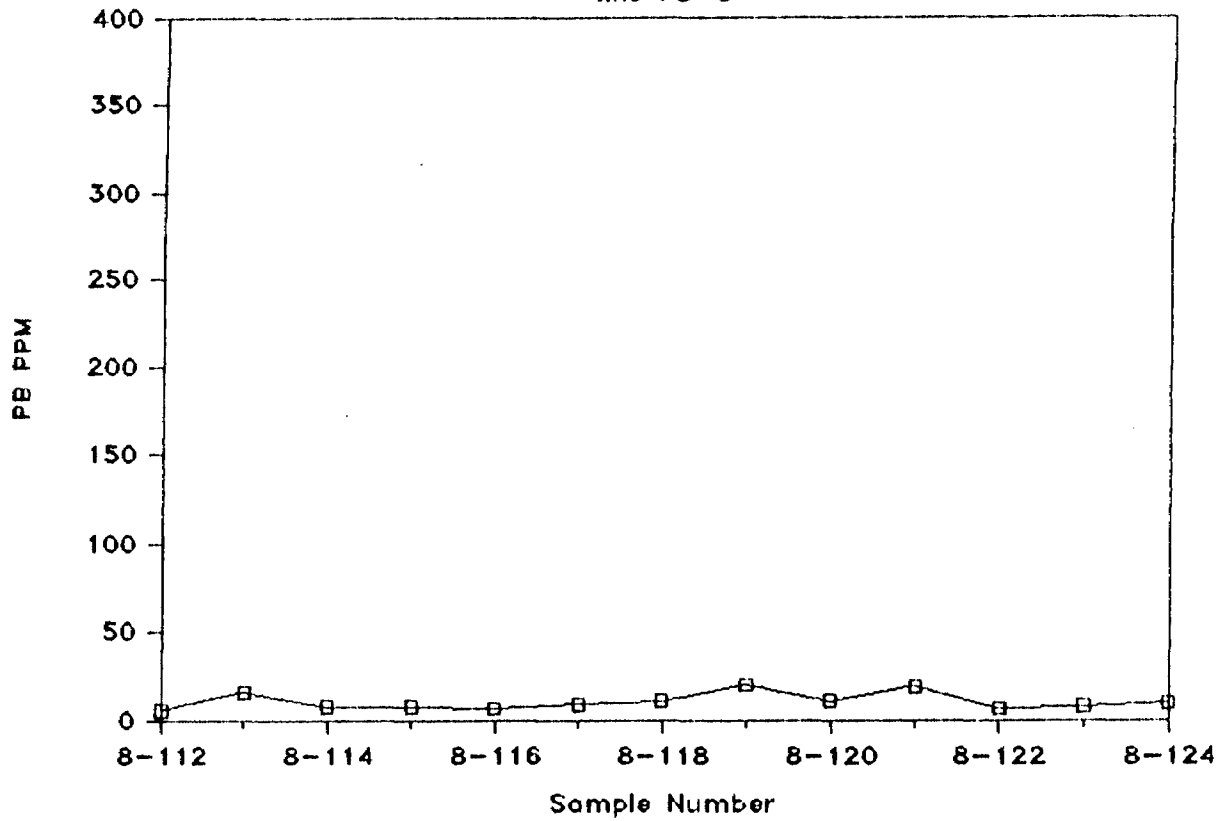
Mineral Claim 1058378

line 78-B



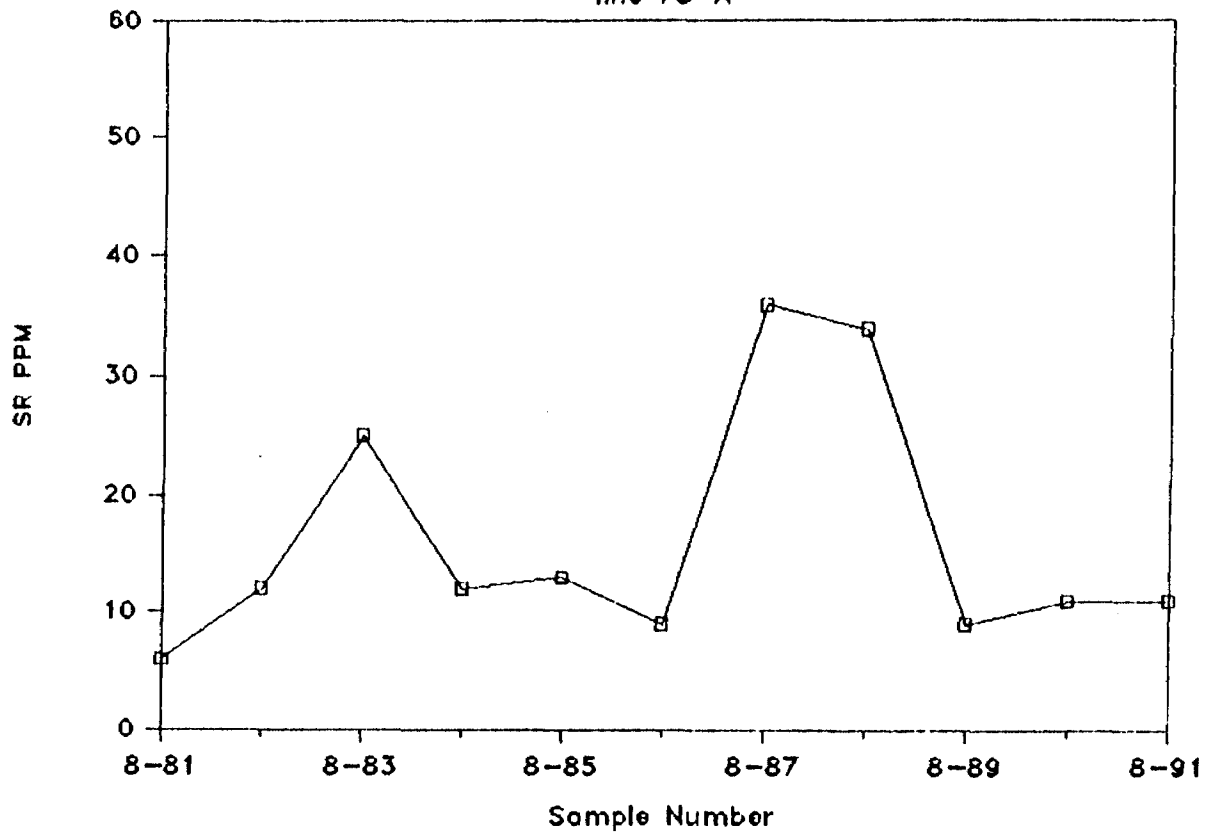
Mineral Claim 1058378

line 78-C



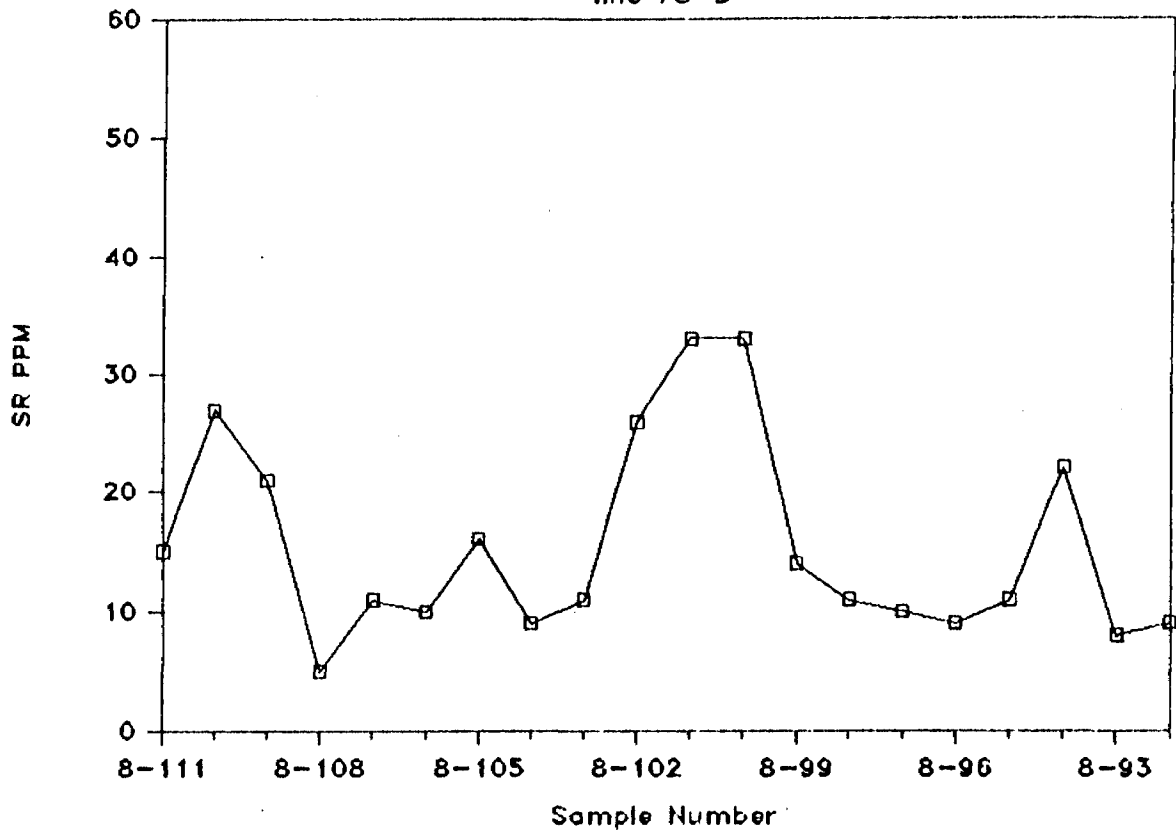
Mineral Claim 1058378

line 78-A



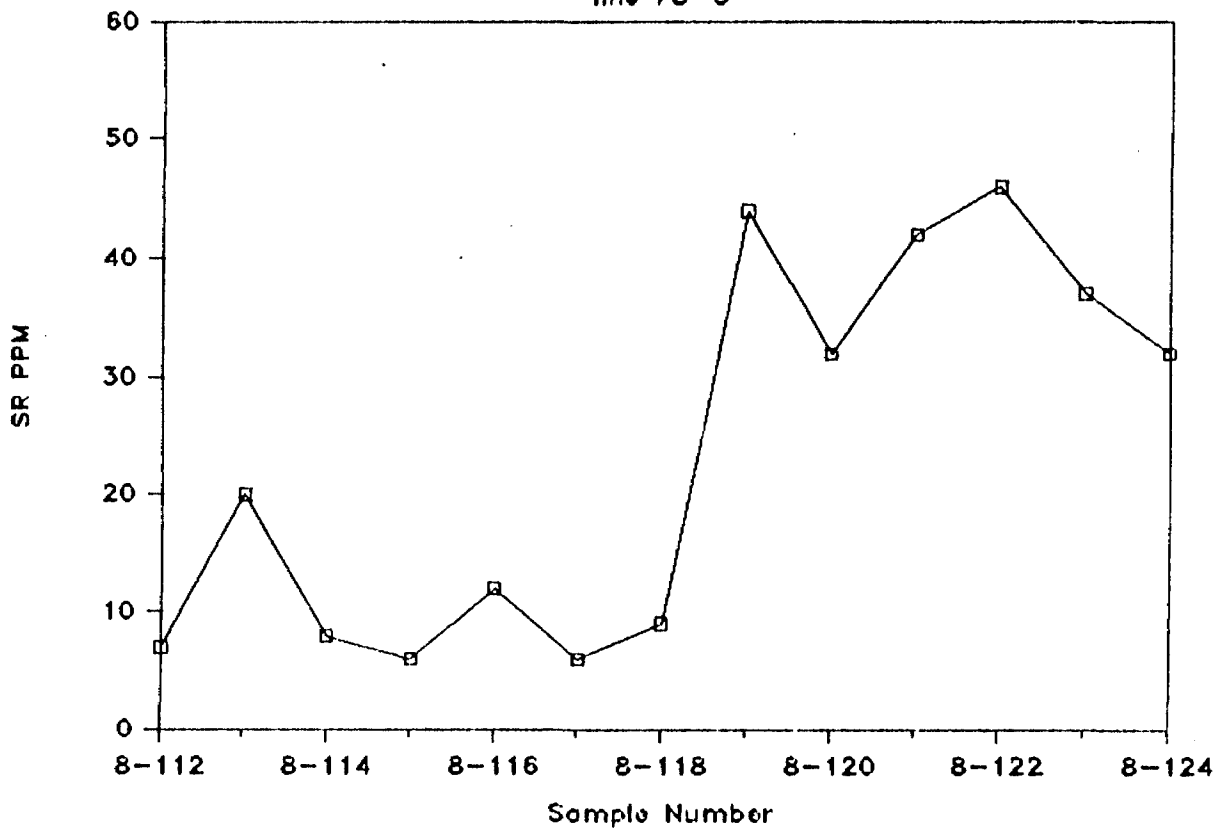
Mineral Claim 1058378

line 78-B



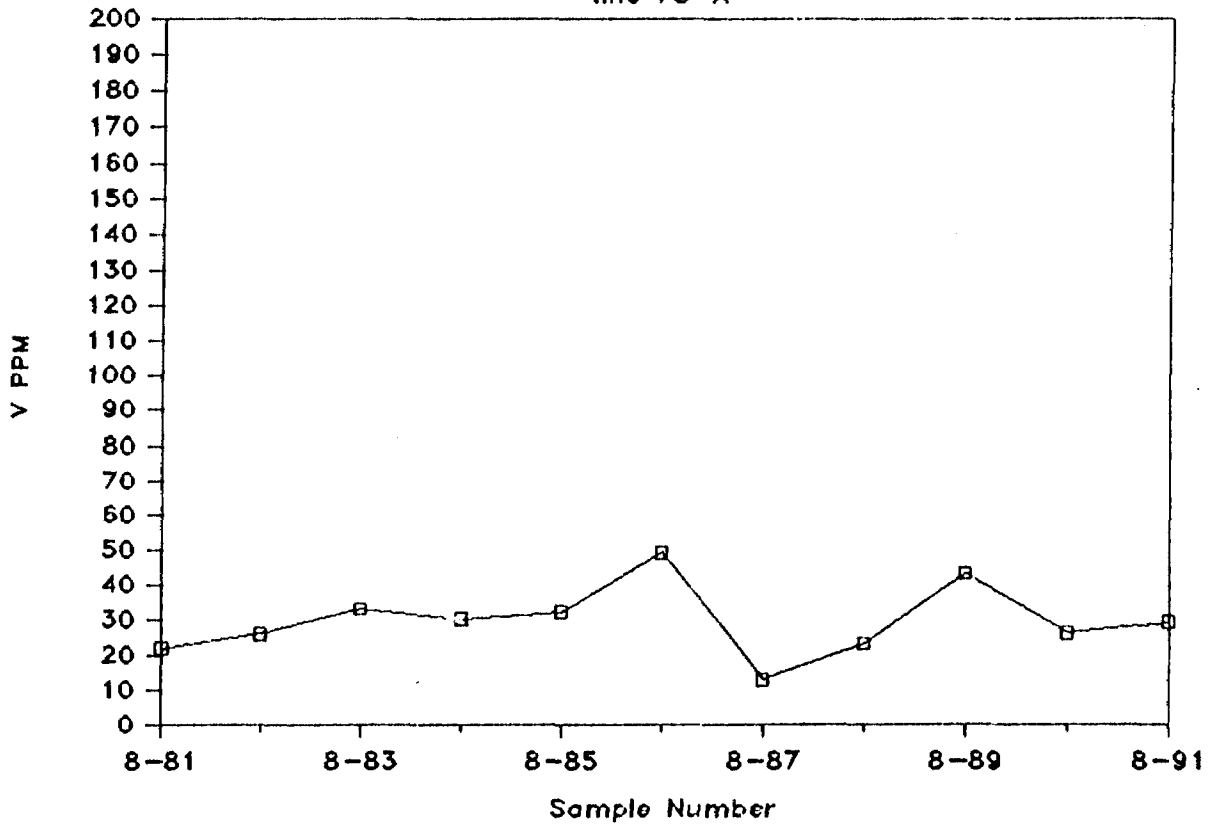
Mineral Claim 1058378

line 78-C



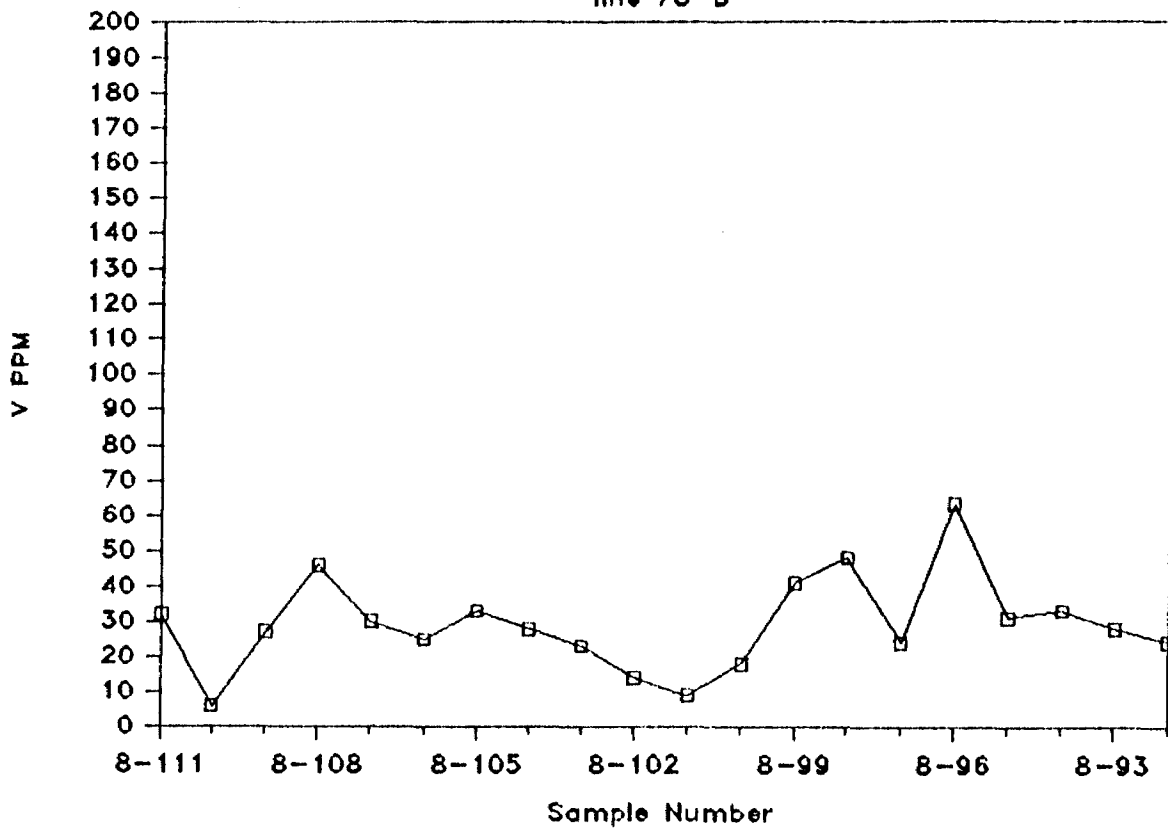
Mineral Claim 1058378

line 78-A



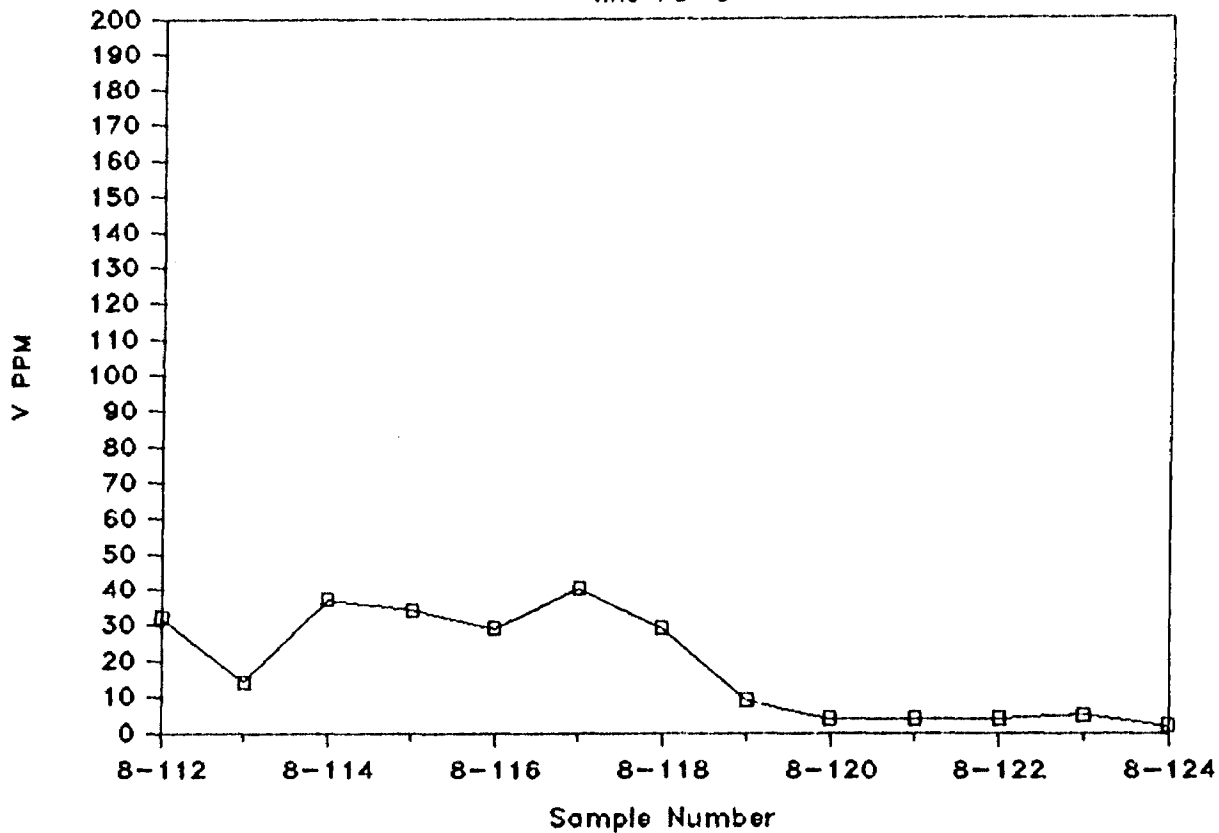
Mineral Claim 1058378

line 78-B



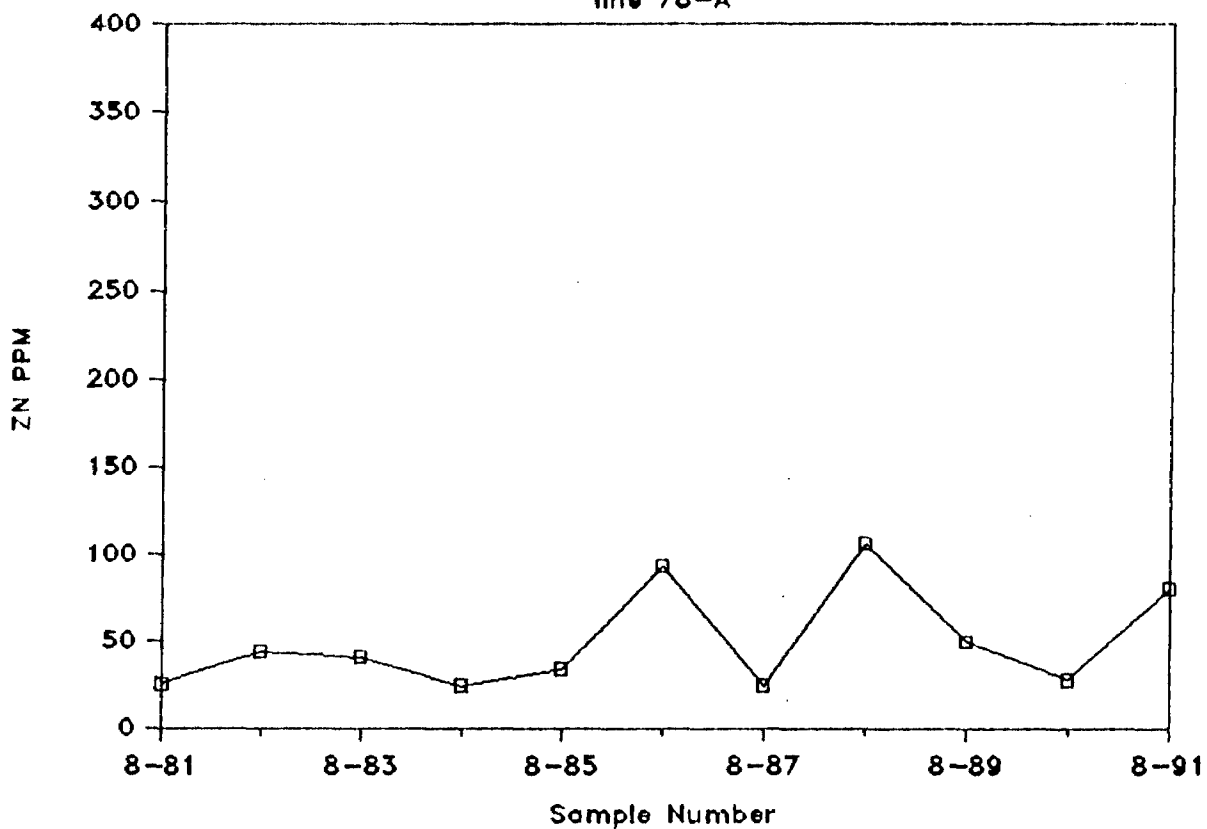
Mineral Claim 1058378

line 78-C



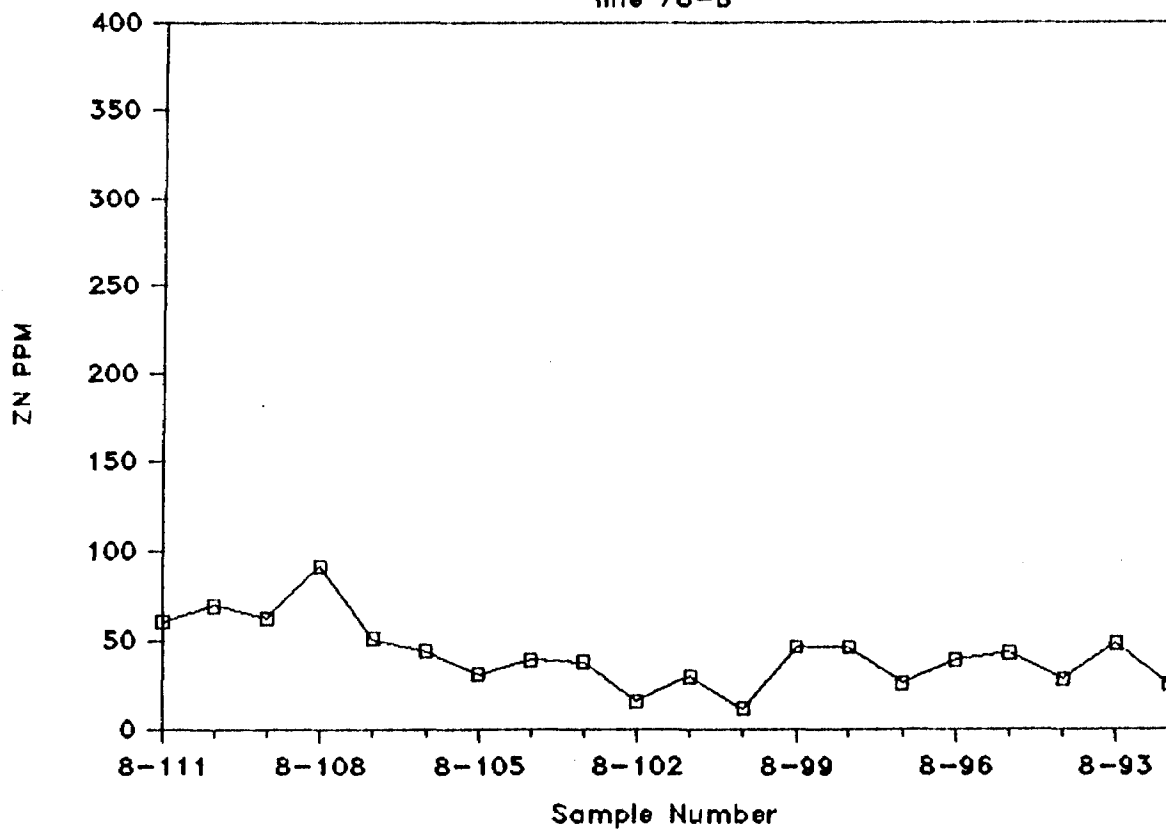
Mineral Claim 1058378

line 78-A



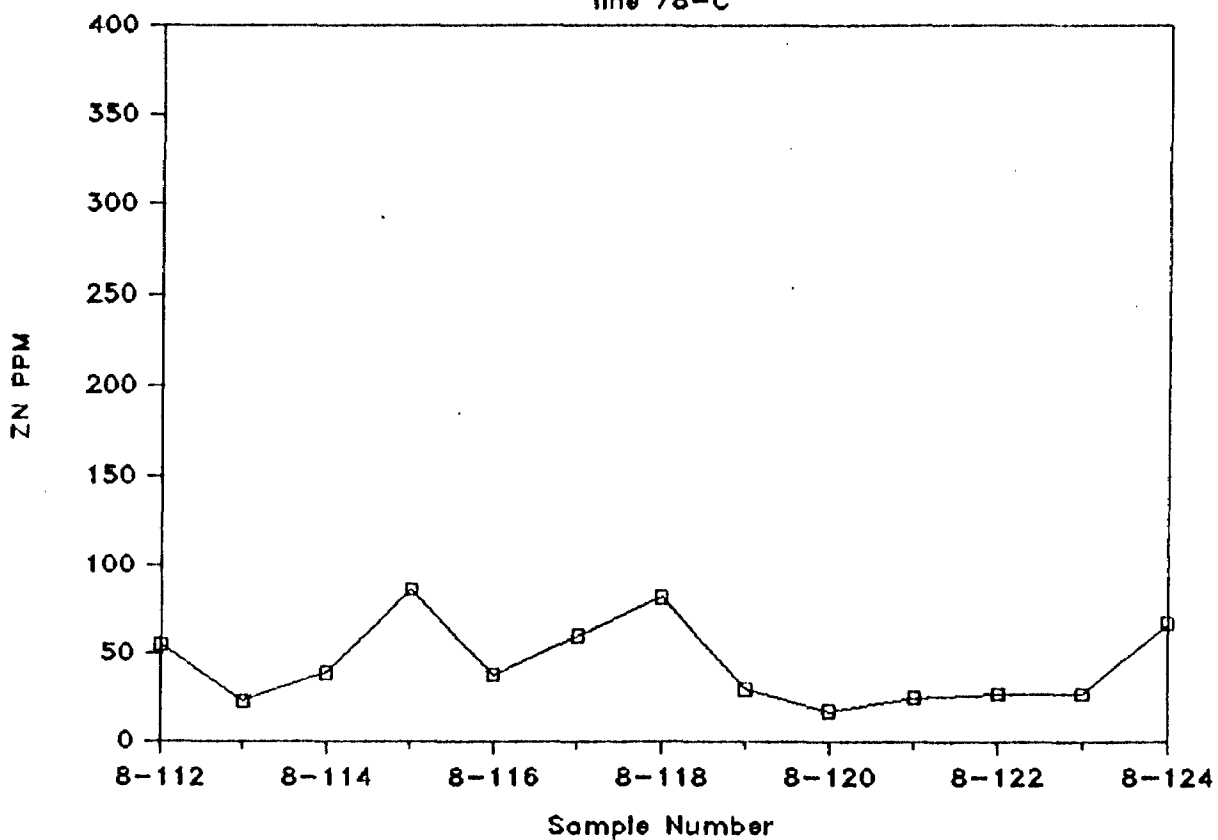
Mineral Claim 1058378

line 78-B



Mineral Claim 1058378

line 78-C



Appendix B

A. Certificates of Analysis

SAMPLE#	Ni	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
8 BBP 001	1	85	2	61	.1	39	24	537	4.76	4	5	ND	1	15	1	2	2	106	1.33	.052	4	26	1.43	20	.16	2	2.15	.07	.05	1	3
8 BBP 002	1	164	9	55	.1	145	39	1279	6.87	11	5	ND	1	18	1	2	2	123	4.44	.023	2	173	3.20	45	.06	7	4.05	.02	.35	4	220
8 BBP 003	1	158	9	44	.2	107	25	1225	5.87	16	5	ND	1	33	1	2	2	86	9.84	.019	2	127	2.95	27	.04	2	3.15	.01	.31	5	280
8 BBP 004	1	73	15	10	.3	35	7	825	1.96	20	5	6	1	17	1	2	2	12	7.77	.003	3	25	1.14	6	.01	5	.56	.01	.06	1	5090
8 BBP 005	1	310	15	99	.1	53	174	960	17.23	10	5	ND	2	4	1	2	2	255	.27	.042	13	23	2.11	25	.10	2	3.42	.01	.58	16	126
8 DBP 01	1	110	2	36	.3	5	11	453	5.26	2	5	ND	1	19	1	2	2	37	1.07	.029	2	2	.41	21	.26	2	1.02	.06	.07	1	4
8 DBP 02	1	44	2	55	.2	3	10	620	6.26	2	5	ND	1	13	1	2	2	66	1.78	.049	3	1	.69	26	.24	2	1.59	.15	.15	1	1
8 DBP 03	1	15	2	7	.1	5	2	143	1.35	2	5	ND	1	2	1	2	2	19	.22	.004	2	4	.11	3	.04	24	.18	.02	.02	2	1
8 DBP 04	1	9	2	3	.1	4	2	96	.53	2	5	ND	1	2	1	2	3	2	.06	.004	2	7	.93	1	.01	3	.06	.01	.02	4	1
8 RBP 01	1	7	2	3	.1	4	1	113	.73	2	5	ND	1	1	1	2	2	4	.02	.001	2	6	.04	1	.01	18	.05	.01	.02	2	2
8 RBP 01A	1	7	4	43	.1	6	5	265	2.15	2	5	ND	2	16	1	2	3	23	.27	.041	17	7	.49	85	.12	2	.96	.04	.32	1	1
8 RBP 03A	1	95	10	84	.1	40	34	1145	5.11	7	5	ND	2	40	1	2	3	265	5.36	.057	4	26	3.01	29	.07	2	4.11	.02	.23	1	6
8 RBP 04	1	46	10	121	.1	45	31	1203	5.77	14	5	ND	2	59	1	2	2	260	5.96	.094	9	39	3.57	14	.05	2	5.77	.01	.09	1	2
8 RBP 04A	1	3573	5	26	4.7	14	9	170	1.62	2	5	2	1	3	1	3	2	14	.22	.003	2	5	.19	1	.01	2	.28	.01	.02	1	1150
8 RBP 04E	1	61	4	36	.1	15	10	228	1.93	2	5	ND	1	20	1	2	2	23	1.11	.033	12	12	.70	46	.05	9	.94	.04	.20	2	5
8 RBP 07A	1	24	3	16	.1	10	8	670	2.11	2	5	ND	1	14	1	2	2	25	3.65	.001	2	13	1.16	6	.01	11	.66	.01	.05	2	1
8 RBP 08A	1	63	3	26	.2	15	15	978	4.07	2	5	ND	1	19	1	3	2	44	3.65	.003	5	7	1.24	13	.06	13	.26	.02	.05	13	7
STD C/AU-R	19	59	39	133	6.7	67	26	1030	4.13	42	17	8	37	48	18	17	24	60	.49	.094	41	59	.92	182	.07	34	2.07	.06	.15	12	510



89-01-00180

Type of Survey(s) **GEOLOGICAL** Township or Area **22E83**
 Claim Holder(s) **DOUGLAS B NELSON** **2.12761** **LOWER MANITOU LAKE**
 Address **5204 - 82 AVENUE EDMONTON ALTA T6B0E6** Prospector's Licence No. **H 12930**
 Survey Company _____ Date of Survey (from & to) _____ Total Miles of line Cut **1.8**
 Name and Address of Author (of Geo-Technical report) **DOUGLAS B NELSON & E. J. BURWASH**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	40
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
K.	1058374				
	1058375				

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 OFFICE
 JAN 10 1990
 RECEIVED

KENORA
 MINING DIV.
 RECEIVED
 JUL 25 1989
 AM
 789101112123456
 P.M.

Expenditures (excludes power stripping)

Type of Work Performed _____
 Performed on Claim(s) _____
 Calculation of Expenditure Days Credits
 Total Expenditures \$ _____ ÷ 15 = Total Days Credits _____
 Instructions
 Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **2**

1058373

For Office Use Only
 Total Days Cr. Recorded **80** Date Recorded **89 JULY 25** Mining Recorder **Robert Rivett**
 Date Approved as Recorder **Robert Rivett** Branch Director

Date **July 22, 1989** Recorder Holder or Agent (Signature) _____

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **E. J. BURWASH**
5204 - 82 AVE EDMONTON ALTA
 Date Certified **1. 22. 89** Certified by (Signature) **E. J. Burwash**

Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey <i>GEOLOGICAL</i>							
Technical Days		Technical Days Credits		Line-cutting Days	Total Credits	No. of Claims	Days per Claim
8	X	7	=	56	+	4.25	=
				60.25	+	1	=
							60.25

Type of Survey							
Technical Days		Technical Days Credits		Line-cutting Days	Total Credits	No. of Claims	Days per Claim
[]	X	7	=	[]	+	[]	=
				[]	+	[]	=
							[]

Type of Survey							
Technical Days		Technical Days Credits		Line-cutting Days	Total Credits	No. of Claims	Days per Claim
[]	X	7	=	[]	+	[]	=
				[]	+	[]	=
							[]

Type of Survey							
Technical Days		Technical Days Credits		Line-cutting Days	Total Credits	No. of Claims	Days per Claim
[]	X	7	=	[]	+	[]	=
				[]	+	[]	=
							[]



Ministry of Northern Development and Mines

Report of Work (Geophysical, Geological, Geochemical and Expenditure)

DOCUMENT NO. W8901-181

Print type or print
 If number of mining claims to be expended is more than one, specify in the "Expenditure" section the "Expenditure" section may be used in the "Expenditure" section.
 Do not use shaded areas for

Mining Act

MA

Type of Survey(s): **GEOLOGICAL**

Claim Holder(s): **D. B. NELSON**

Address: **2. 12761**

Survey Company: **5500-82 AVE EDMONTON, ALTA. T6B0E6**

Name and Address of Author (of Geo Technical report): **D. B. NELSON & E. J. BURWASH**

County or Area: **62683**

Project or License No.: **LOWER HAVILLON LAKE H12930**

Date of Survey from & to: **16 07 89** to **30 07 89**

Total No. of Claims: **1-14**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
For each additional survey using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Max Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	40
	Geochemical	
Additional Credits	Electromagnetic	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
	1058376				
	1058377				
	1058378				
	1058379				
	1058380				
	1058381				
	1058382				
	1058383				
	1058384				
	1058385				
	1058386				
	1058387				
	1058388				
	1058389				
	1058390				
	1058391				
	1058392				
	1058393				
	1058394				
	1058395				
	1058396				
	1058397				
	1058398				
	1058399				
	1058400				

KENORA MINING DIV
RECEIVED
 JUL 25 1989
 AM 789101112123456
 PM

Expenditures (excludes power stripping)

Expense of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures: **\$** ÷ **15** = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date: **July 22, 1989**

Recorder/Holder or Agent Signature: *[Signature]*

Total number of claims with expenditure: **1**

1058373

For Office Use Only

Total Days Credits Requested: **40**

Date of Report: **89 July 25**

Signature: *Scott Rivett*

Signature: *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the same or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **F. J. BURWASH**

Address: **5500-82 AVE EDMONTON, ALTA.**

Date Certified: **July 22, 1989**

Certified by Signature: *F. Burwash*



DOCUMENT NO. W801172

Mining Act

- Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Type of Survey(s)	Township or Area
Claim Holder(s) DOUGLAS B. NELSON	G2683 LOWER MANITOW LAKE Prospector's Licence No. H12930
Address 5204 - 82 AVE. EDMONTON ALTA. T6B 0E6 ph (403)466-0439	
Survey Company	Date of Survey (from & to) Day Mo. Yr. Day Mo. Yr.
Name and Address of Author (of Geo-Technical report)	

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
K.	1003610	26.3			
	1003611	26.3			
RECEIVED					
1989					
SECTION					

KENORA MINING DIV
RECEIVED
JUL 25 1989
AM 789 10 11 12 1 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed
SOIL SAMPLE & ROCK SAMPLE ASSAYS

Performed on Claim(s)
K.1058.376, K.1058.37E.

Calculation of Expenditure Days Credits

Total Expenditures **\$ 787.70** ÷ 15 = Total Days Credits **52.5**

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **2**

1 003 610

For Office Use Only

Total Days Cr. Recorded 52.5	Date Recorded 89 JUL 25	Mining Recorder <i>[Signature]</i>	Date Approved as Recorded 20 Dec 89
		Branch Director <i>[Signature]</i>	

Date **July 22, 1989** Recorded Holder or Agent (Signature) *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
E. J. BURWASH

5204 - 82 AVE. EDMONTON, ALTA

Date Certified **July 22, 1989** Certified by (Signature) **F. Burwash**



Ministry of Northern Development and Mines

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8901-185

Instructions: Please type or print. If number of mining claims traversed exceeds space on this form, attach print. Note: Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." column. Do not use shaded areas below.

Type (Levels): **GEOLOGICAL**

Claim Holder(s): **DOUG NELSON**

Address: **5204-82 AVE EDMONTON, ALBERTA T6B 0E6**

Survey Company: **403 966 0933**

Name and Address of Author (of Geo Technical report): **DOUG NELSON**

Mining Act: **ML**

Township or Area: **LOWER G2683**

MANITOW LAKE

Prospector's Licence No: **H12930**

Date of Survey (from & to): **17 7 88 25 7 89**

Total Miles of line Cut: **2**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days (This includes line cutting)	- Electromagnetic - Magnetometer	40
For each additional survey using the same grid: Enter 20 days (for each)	- Radiometric - Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic - Magnetometer - Radiometric - Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic - Magnetometer - Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
K	1058377				
	1058373				

RECEIVED
MINING DIVISION SECTION

Expenditures (excludes power stripping)

Type of Work Performance:

Performance of Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures: **5** ÷ **15** = **0.33** Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim, select in column at right.

KENORA MINING DIV
RECEIVED
JUL 26 1989
AM 9:25 PM
789 1011 1212 3456

Date: **July 26/89**

Signature of Holder or Agent: *[Signature]*

Total Days Credits: **2**

For Office Use Only

Total Days Credits Excessed: **80**

Date: **89 July 26**

Signature: *[Signature]*

Signature: *[Signature]*

Certification: Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work and expenditures, prepared in accordance with the Act, and that the same are true.

Name and Postal Address of Person Certifying:

RECEIVED

SEP 22 1989

MINING LANDS SECTION

Ministry of
Northern Development
and Mines
Mining Lands Section
3rd Floor, Bay Street
Toronto, Ontario
M5S 1Z8

September 21, 1989

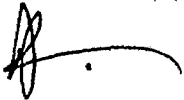
Dear Sir/Madam:

Re: Geochemical and Geological Report on Mining Claims K.1058373 to
K.1058378, 1003610 and 1003611.

I have enclosed above report and maps in duplicate. The report and maps are to
go with Report of Work files W8901.179 to W8901.185.

If you have any questions please call (403) 466-0439

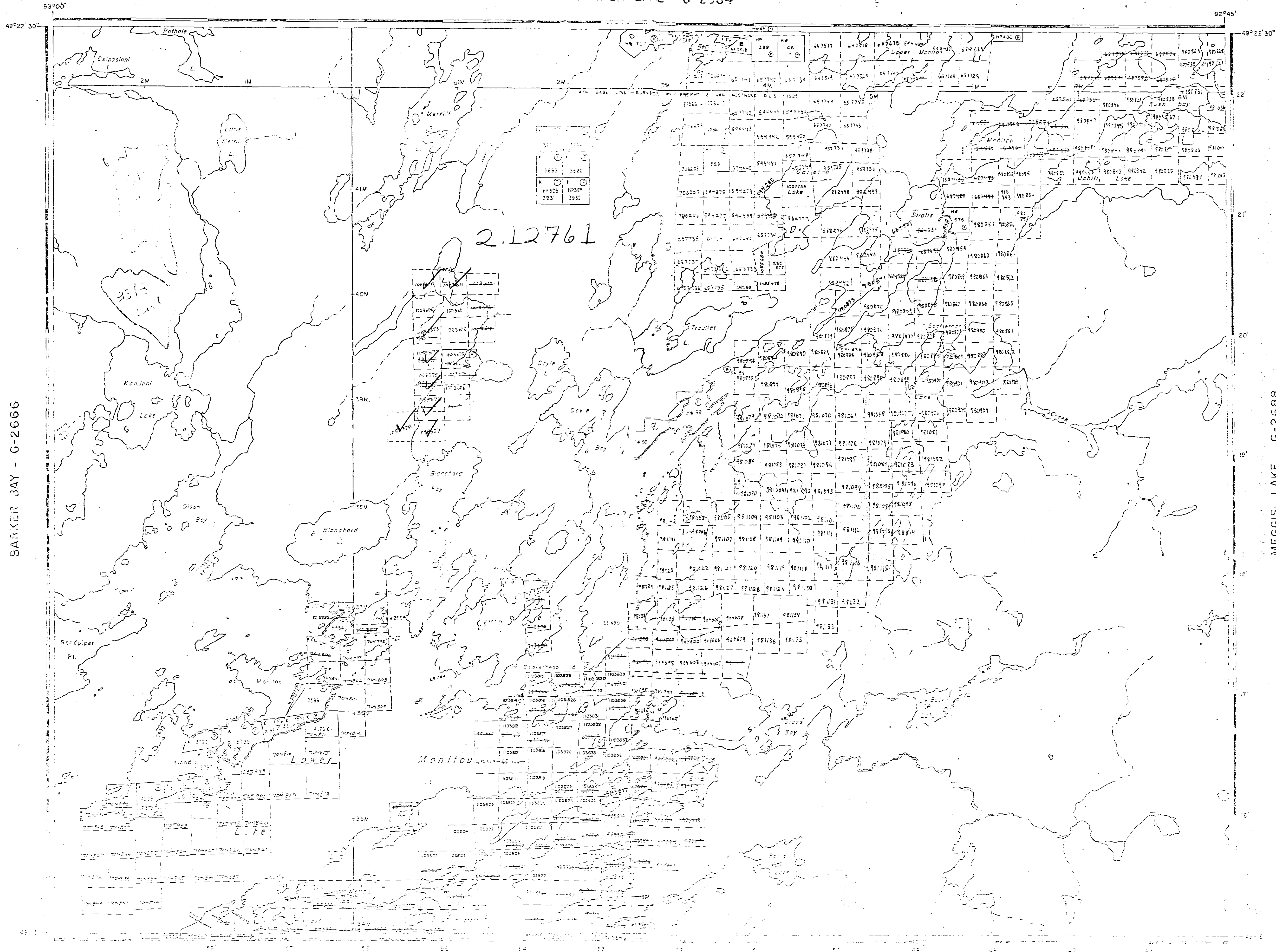
Yours truly,



D.B. NELSON

5204 - 82 Ave.
Edmonton, Alberta
T6B 0E6

HARPER LAKE - G-2584



BARKER BAY - G-2666

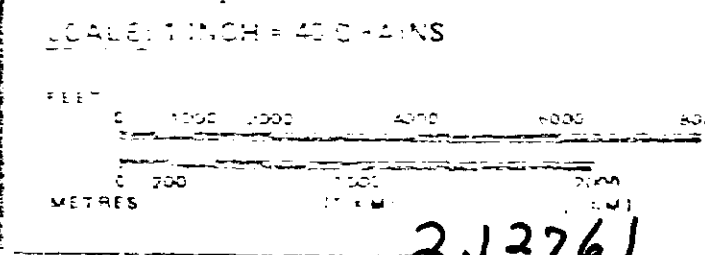
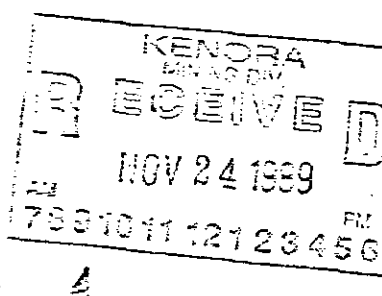
MEGGISI LAKE - G-2688

LEGEND

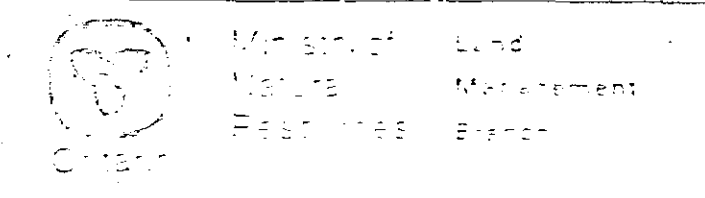
- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- PATENTED S.R.O.

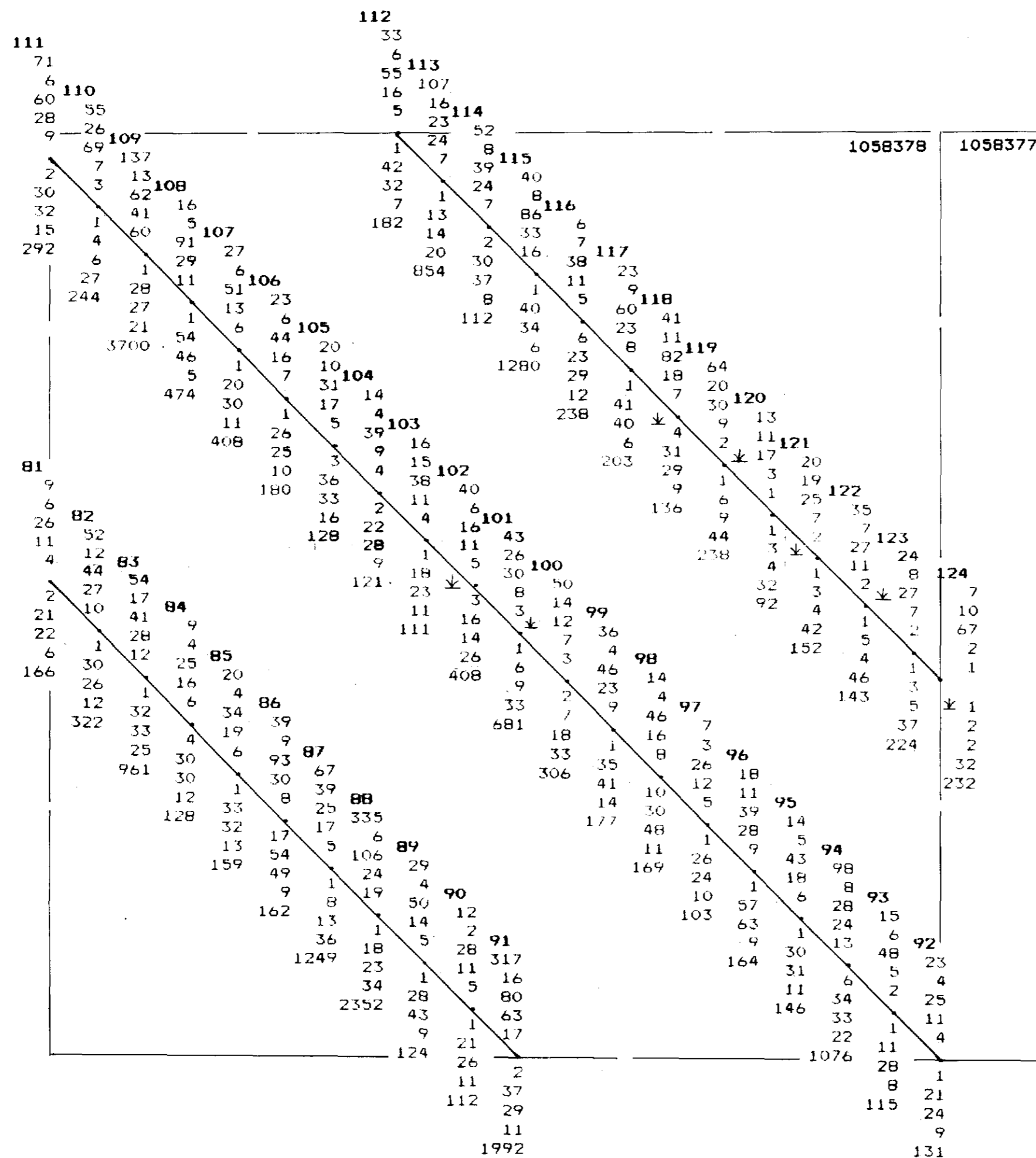
REFERENCES

- AREAS WITHDRAWN FROM DISPOSITION
 - M.R.O. - MINING RIGHTS ONLY
 - S.R.O. - SURFACE RIGHTS ONLY
 - M.S. - MINING AND SURFACE RIGHTS
- | Description | District No. | Date | Disposition | File |
|-------------|--------------|------------|-------------|------|
| W.K. 1188 | 1188 | JULY 18 89 | | |



AREA
LOWER MANITOU LAKE
 H. Y. R. ADMIN. STRAITS DISTRICT
 FORT FRANCES
 MINING DIVISION
 KENORA
 LAND DIVISION / REG. DIVISION
 KENORA



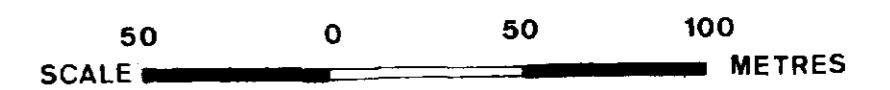


SYMBOLS

- 102 SAMPLE IDENTIFIER
- 40 Cu (PPM)
- 6 Pb (PPM)
- 16 Zn (PPM)
- 11 Ni (PPM)
- 5 Co (PPM)
- . SAMPLE LOCATION
- 3 Au (PPB)
- 16 Cr (PPM)
- 14 V (PPM)
- 26 Sr (PPM)
- 408 Mn (PPM)

— MINERAL CLAIM BOUNDARY

⊥ SWAMP



2.12761

SOIL SURVEY

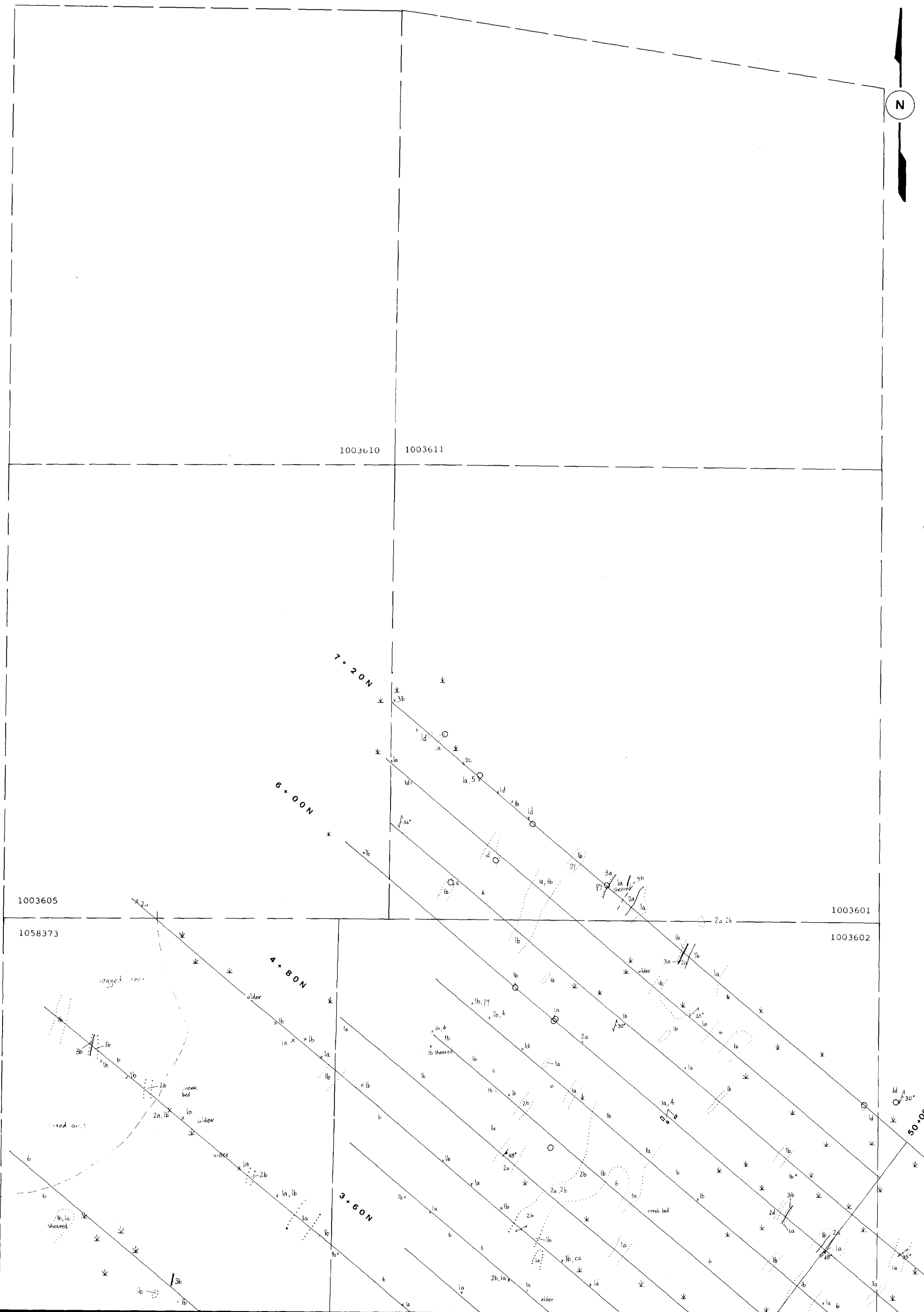
MINING CLAIM K.1058378

HELD BY D.B. NELSON

DATE OF SURVEY JULY 29, 1988



S2F075W0000 2.12761 LOWER MANITOU LAKE



LEGEND

PLEISTOCENE AND RECENT

6 Undifferentiated overburden.

PROTEROZOIC

5 Gabbro.

4 Vein quartz.

ARCHEAN

Intrusive Rocks

3a Diorite, quartz diorite.
3b Quartz-feldspar porphyry.

Intermediate to Felsic Metavolcanics

2a Intermediate tuff breccia.
2b Felsic tuff.
2c Felsic to intermediate crystal tuff.

Mafic Metavolcanics

1a Medium-to fine-grained basalt.
1b Amphibolite.
1c Chlorite schist.
1d Quartz - feldspar - amphibole schist.

Abbreviations

py pyrite hem hematite
po pyrrhotite bio biotite
cpy chalcopyrite ca calcite

SYMBOLS

- Area of bedrock outcrop.
- Small bedrock outcrop.
- Geological contacts: observed, assumed.
- Foliation.
- Schistosity.
- Swamp.
- Rock sample location.
- Claim boundary, claim number.

MINING CLAIMS K.1058373 - K.1058377
HELD BY D.B. NELSON
DATE OF SURVEY JULY 23 - 30, 1988; JULY 17 - 25, 1989

2.12761

EARLY LAKE

SHEET 1

GEOLOGY, ROCK SAMPLES

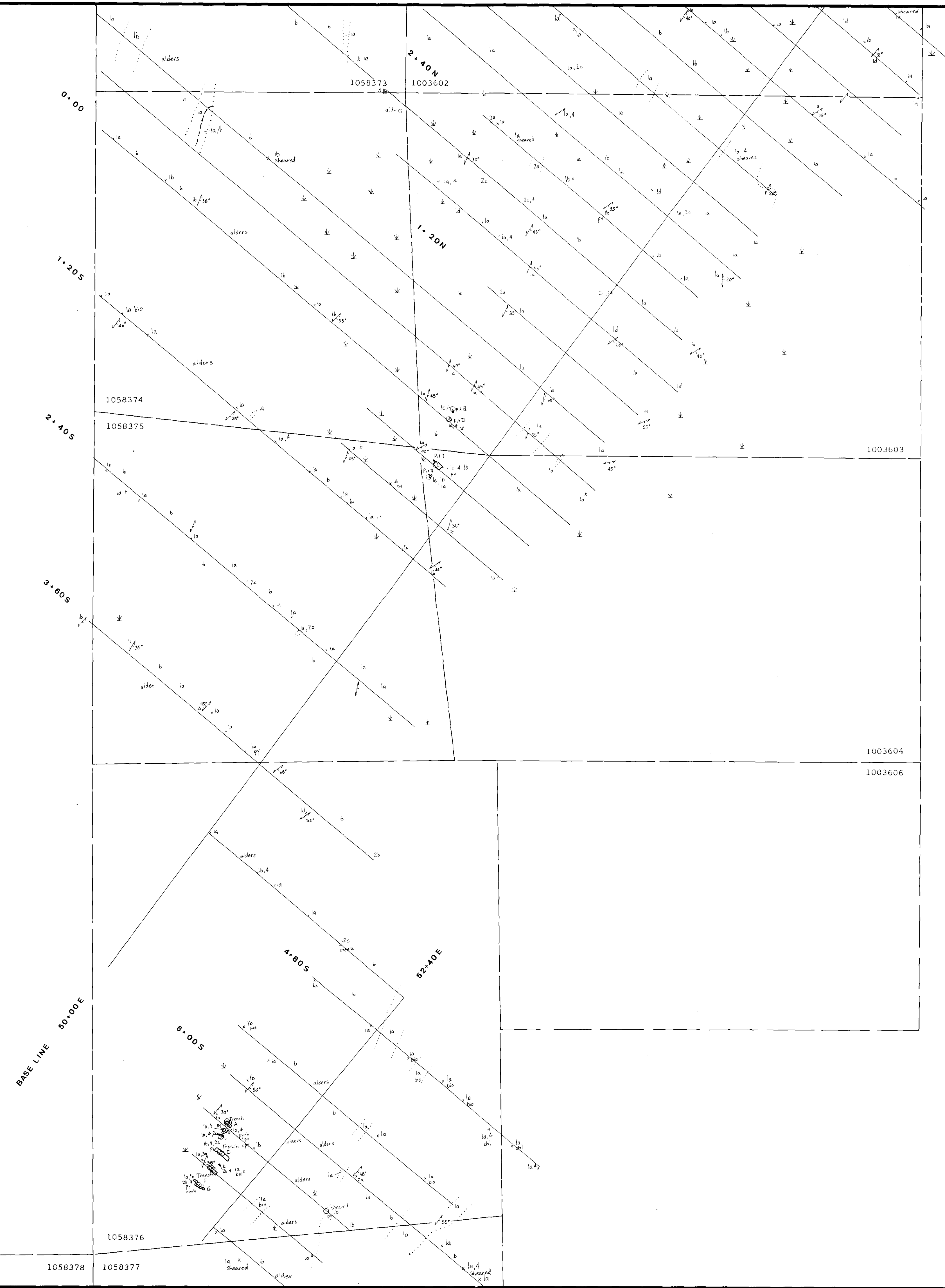
Scale 0 50 100 Metres

EDMONTON, ALBERTA

JUNE 1988



52F8780000 2.12761 LOWER MANITOU LAKE



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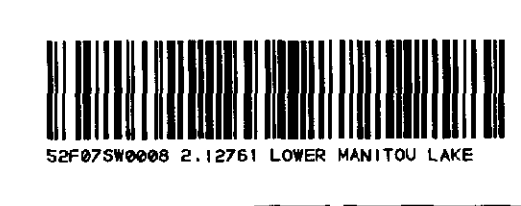
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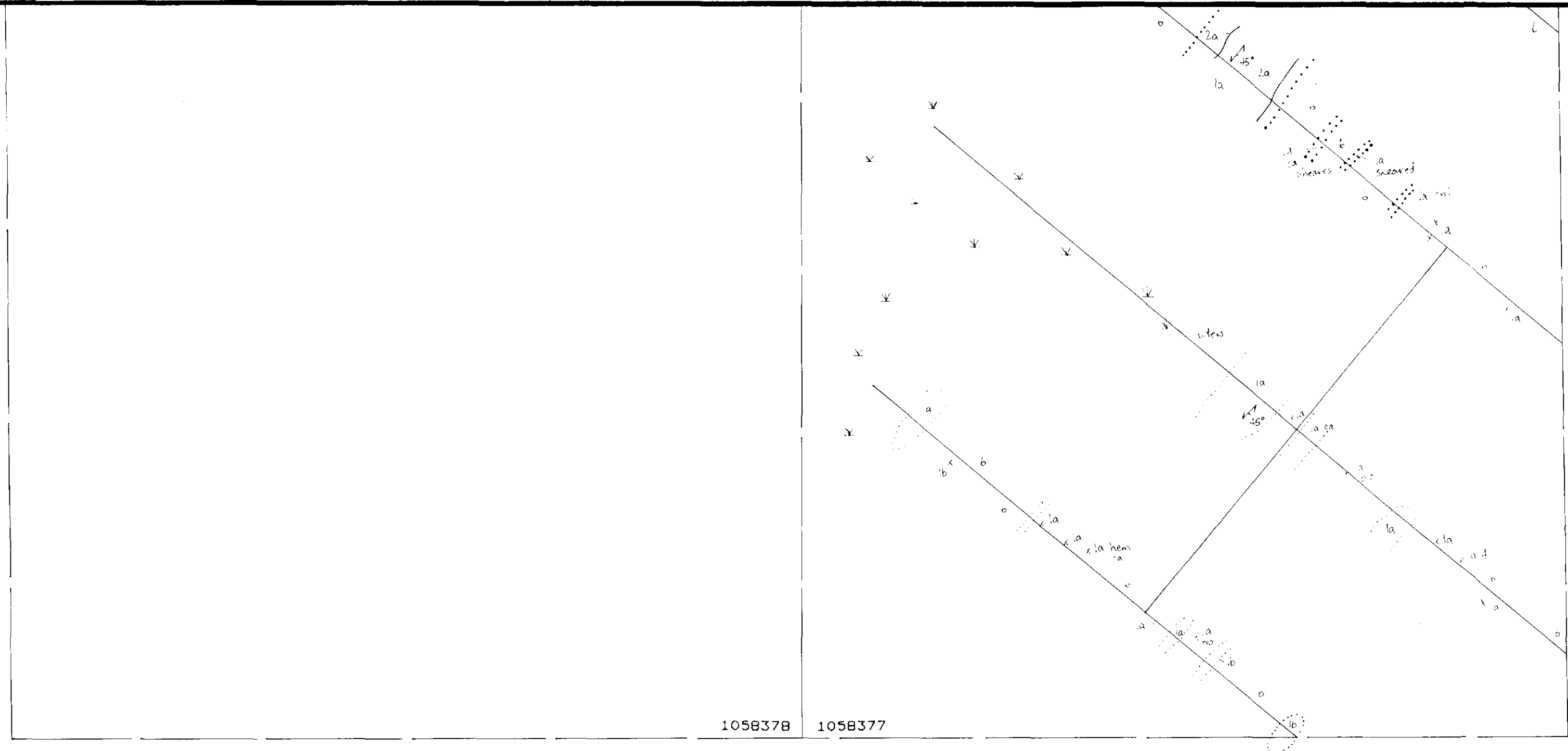
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2. 12761

REVISED	EARLY LAKE
NOV 88 EJB	SHEET 2
SEP 88 JLR	GEOLOGY, ROCK SAMPLES
	Scale 0 50 100 Metres
	EDMONTON, ALBERTA JUNE 1988



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LEGEND

- PLEISTOCENE AND RECENT**
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NOV 88 EJB	
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