

EXPLORATION
NTS 82F/1W

David Wiklund
Box 1480
Creston, B.C.
V0B 1G0

G E O C H E M I C A L S U R V E Y
ELK CLAIM

Work performed June - October 1989
Latitude 49° 11' Longitude 116° 21'
Nelson M.D. B.C.

LOG NO: 0615	RD.
ACTION:	
FILE NO:	

Claim Group
Elk #1 - #24
Record #5800 - 5823

Prepared by

H. Davies



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,060

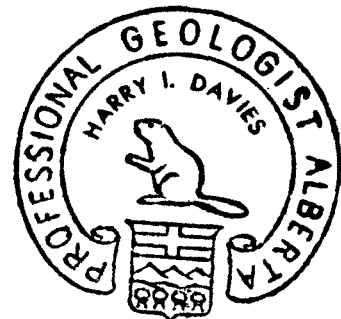


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INTRODUCTION

The writer Mr. Harry Davies (P. Geol) was retained by Mr. Dave Wiklund of Creston, B.C. to carry out a geochemical survey over a portion of the Elk Claims, which are located in the Nelson Mining District, East of Creston, B.C.

The collection of samples was carried out over an extended period from June to October 1989.

The collected samples were analyzed by Acme Laboratories of Vancouver, B.C.

One of the purposes of this work was to earn credits as outlined in the Mineral Act Regulations of B.C.

LOCATION

The Elk group of claims which consists of 24 two post claims are located about 8 Kilometers East of Creston, B.C. in the Nelson Mining District. The claims encompass an area of two by three Kilometers. The claim block, which trends North-South is located on the South facing slope of Iron Mountain, between the Goat River on the East and Arrow Creek on the West. Access is obtained via a logging road trending East along the pipe line right of way, from the East Arrow Creek road.

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The Elk claims are underlain by shallow dipping West facing Middle Aldridge sediments. These sediments are dominantly interbedded Quartzites and Shales. Albitization and Chloritization occur locally. Strike is North-South. Gabbro sills and Dykes and a granodiorite stock is found on the property. North-South trending faults occur on the property.

TOPOGRAPHY

The two by three Kilometer block of claims is located on the South facing slope of Iron Mountain which itself forms the southern terminus of the Iron Range. Elevations on the claim block range from 900 to 1600 meters. The area exhibits a step like topography with narrow terraces alternating with steep slopes. The lower area exhibits some large flats.

Travel is relatively easy with few rock bluffs or rock out crops.

One minor stream which flows the year round, runs generally North-South along the eastern edge of the property.

The area is forested and a large portion of it has been logged.

OBJECTIVE

The soil geochemistry was undertaken to help evaluate the area known to be underlain by favorable geology, that together with the occurrence of albitized sediments and tourmaline float enhanced the area.

SAMPLING PROCEDURE

The geochemical sampling program was carried out over a portion of the claim area. The portion sampled covered an area 1500 meters by 1750 meters and is located on the North half of the claim area. All sample stations were spaced 50 meters apart, with each East-West line being 250 meters apart along a North-South surveyed base line. In each case a "B" soil sample was collected, put into a cloth bag and appropriately labeled as to location. A total of 237 samples were collected and forwarded to Acme labs in Vancouver, B.C. for 30 element I.C.P. analysis.

LABORATORY PROCEDURE

The samples were first dried at 105 degrees for 12 hours. They were then sieved through an 80 mesh screen, with the minus 80 fraction retained for analysis. A 0.5 gram sample was put into a test tube, along with 1 ml of water plus 3 ml conc. HCL and 1 ml Hno₃. The sample was digested in a water bath at 100 degrees. Water was then added to bring the volume up to 10 ml. The sample was then analyzed using the Inductively Coupled Plasma spectroscopy. A read out for 30 elements was acquired. The Lead and Zinc values were plotted for this report.

CONCLUSIONS

A large part of the area surveyed both geologically and geochemically appears to lack significant merit to warrant further work.

The anomalous values centered on lines 6S and 7S appears to be localized around the margin of an area of altered sediments. These altered sediments which were mapped to be at least 150 meters in width, may be a loci for sulphide mineralization.

Further detailed work in the area would be required to follow up on this prospect.

STATEMENT OF QUALIFICATIONS

NAME: Harry I. Davies

ADDRESS: Box 12 Boswell, B.C. V0B 1A0

EDUCATION: University of Manitoba,
BSc (H) Geology 1950

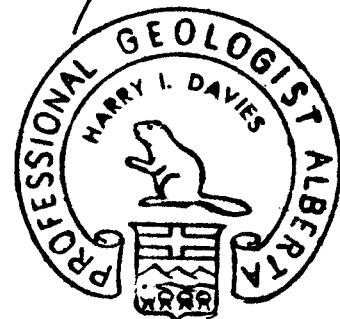
EMPLOYMENT: Manitoba Department of Mines,
field work on Pre-Cambrian
(Three field seasons)

Mobil Oil of Canada Ltd,
Ten years, with two years
field work in structural
mapping

Thirty years consulting
Practice with roughly 60%
in oil geology and 40%
in mineral exploration

ASSOCIATIONS: Professional Engineers of
Alberta, (Geologist)
Member of 30 years.

Harry I. Davies



STATEMENT OF EXPENDITURES

Cost related to 1750 M. of base line, soil sampling lines and collecting 237 soil samples on the Elk Claims, Kitchener area, Nelson Mining Division, British Columbia.

Base line and soil sampling July - September 1989.

SALARIES:

H. Davies (Supervision)	3 Days	\$ 900.00
Labour (soil sampling)	8 Days	800.00
Base line		300.00

TRANSPORTATION:

4WD (gas, oil incl.)	6 Days @ \$60/Day	360.00
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ASSAYS:

Acme Laboratories	1682.70
Shipping Samples	35.90

SUPPLIES:

Ribbon, thread, sample bags, etc.	105.00
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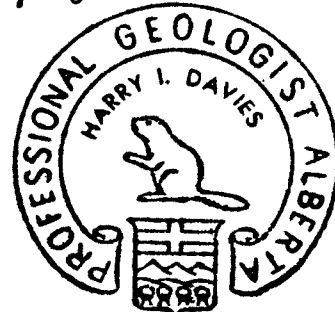
REPORT PREPARATION:

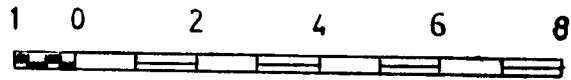
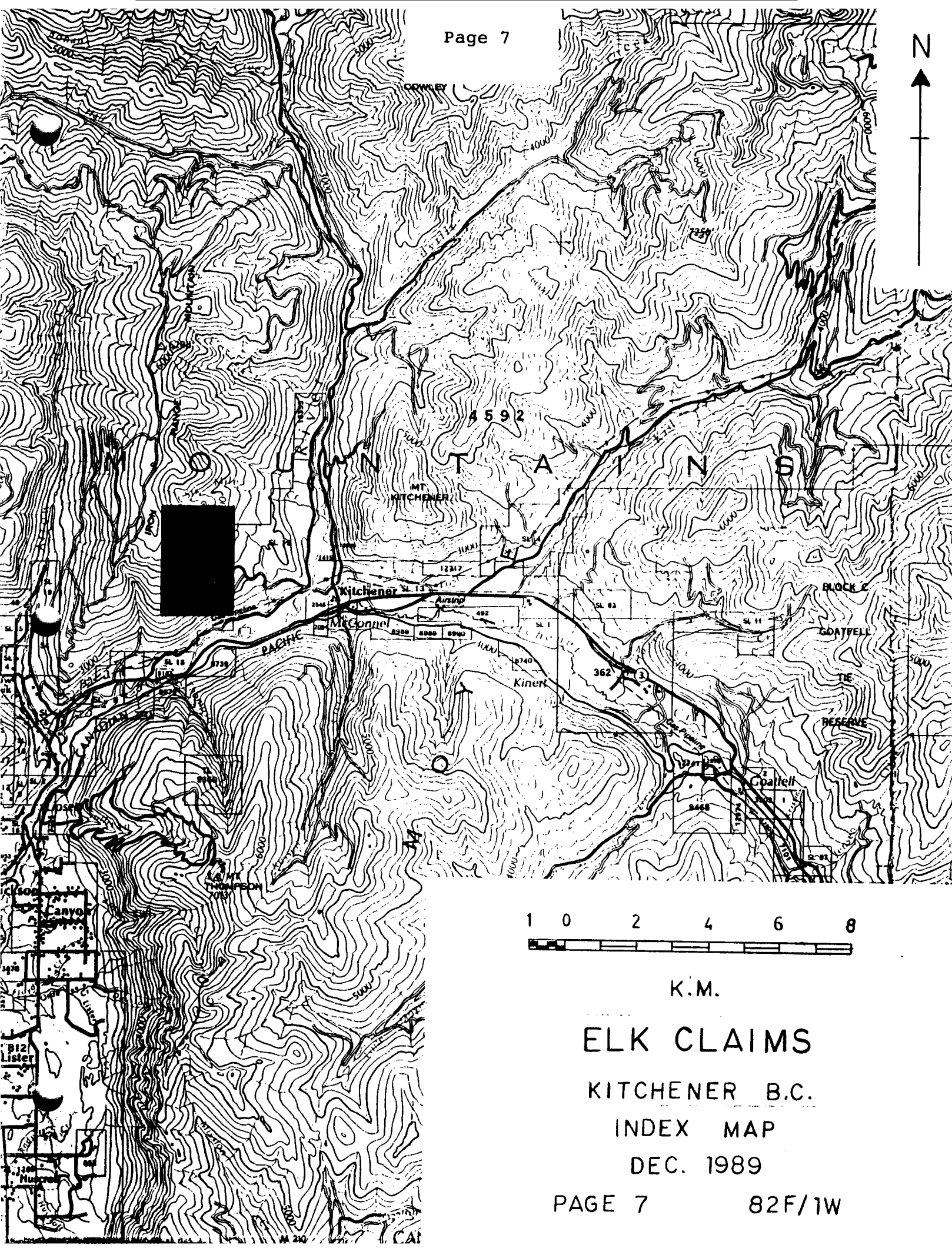
Map construction, writing report	500.00
Drafting, typing, photocopying, etc.	<u>200.00</u>

TOTAL EXPENDITURES

\$4883.60

Submitted by H.I. Davies (P. Geol)





K.M.

ELK CLAIMS

KITCHENER B.C.

INDEX MAP

DEC. 1989

CLAIM MAP
82 F / 1 W

49° 10'
116° 25'

LACER RESERVE
CONDITIONS

CANADIAN PACIFIC RAILWAY

River



L5790
c.g.

L5833
c.g.
L5791
c.g.

L5792
c.g.

L5835
c.g.
L5793
c.g.

L5794
c.g.

L5840
c.g.
L5795
c.g.

L9723 c.g. ELK #14 FP	IP 608995M FP	608996M IP 608984M FP	IP 608983M FP
L2535 c.g. 608998M ELK #16 FP	IP 608997M FP	608986M IP 608985M FP	IP 608985M FP
IP 609072M FP	IP 609071M FP	608988M IP 608987M FP	IP 608987M FP
IP 609074M FP	IP 609073M FP	608990M IP 608989M FP	IP 608989M FP
IP 609076M FP	IP 609075M FP	608992M IP 608991M FP	IP 608991M FP
IP 609079M FP	IP 609077M FP	608994M IP 608993M FP	IP 608993M FP

NEW
NINCO 7
130 (11)
3420
(10)C
18-1W



ELK CLAIMS

KITCHENER B.C.
CLAIM MAP
DEC. 1989

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 FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Soil -40 Mesh

DATE RECEIVED: JUL 31 1989 DATE REPORT MAILED: Aug 4/89 SIGNED BY: [Signature] D. TOVE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

DAVID WIKLUND File # 89-2585 Page 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	
EL-OS-500W	1	11	18	47	.2	10	6	334	2.03	2	7	ND	4	8	1	2	2	33	.05	.028	12	10	.13	95	.09	4	1.78	.01	.06	2
EL-OS-450W	1	48	9	73	.3	22	14	706	2.96	7	7	ND	4	14	1	2	2	40	.13	.027	12	42	.67	86	.07	3	2.09	.01	.07	2
EL-OS-400W	1	10	14	134	.3	12	10	1488	1.99	5	7	ND	3	13	1	2	2	28	.11	.051	11	12	.15	145	.09	3	2.45	.01	.07	1
EL-OS-350W	1	13	12	82	.3	12	9	335	2.29	4	5	ND	5	10	1	2	2	30	.07	.049	15	13	.19	118	.08	9	2.47	.01	.07	1
EL-OS-300W	1	16	16	95	.3	13	9	777	2.26	6	5	ND	5	12	1	2	2	31	.09	.071	13	9	.15	111	.13	2	3.90	.02	.06	1
EL-OS-250W	1	13	12	65	.1	13	7	205	1.70	4	5	ND	6	9	1	2	2	22	.07	.023	20	10	.20	88	.05	4	1.83	.01	.07	1
EL-OS-200W	1	15	8	86	.3	21	12	783	2.06	4	6	ND	5	23	1	2	2	27	.16	.038	14	12	.17	118	.10	4	2.73	.01	.08	1
EL-OS-150W	1	10	13	99	.2	15	8	1193	1.82	4	5	ND	6	11	1	2	2	22	.07	.070	15	13	.19	149	.08	3	2.19	.01	.08	1
EL-OS-100W	1	20	20	83	.2	22	8	218	2.24	4	5	ND	8	10	1	2	2	28	.07	.088	15	17	.26	95	.12	2	4.30	.01	.09	1
EL-OS-50W	1	17	15	75	.2	21	9	580	2.14	4	5	ND	6	14	1	2	2	29	.13	.048	15	17	.21	169	.10	2	3.31	.01	.09	1
EL-OS-6W	1	30	31	89	.1	23	16	290	3.09	8	5	ND	8	9	1	2	2	41	.07	.111	29	22	.42	110	.12	5	4.37	.01	.12	1
EL-OS-50E	1	17	12	107	.3	29	13	361	1.96	6	5	ND	6	12	1	2	2	26	.09	.032	12	12	.21	127	.10	6	3.07	.01	.08	1
EL-OS-100E	1	20	15	69	.1	87	13	388	4.00	5	5	ND	34	18	1	2	2	53	.18	.065	37	101	1.30	135	.14	2	3.77	.02	.13	1
EL-OS-150E	1	32	18	75	.1	27	18	397	2.41	5	5	ND	6	12	1	2	2	31	.08	.027	26	22	.29	62	.06	2	1.80	.01	.08	1
EL-OS-200E	1	20	19	69	.1	27	7	262	2.19	5	6	ND	56	22	1	2	2	26	.16	.033	40	14	.20	174	.08	2	2.45	.01	.12	1
EL-OS-250E	1	28	29	67	.1	14	9	200	2.51	7	5	ND	12	11	1	2	2	36	.11	.056	29	14	.29	122	.11	2	3.40	.01	.08	1
EL-OS-300E	1	17	21	77	.2	16	8	269	2.48	7	5	ND	6	8	1	2	2	35	.07	.102	15	14	.25	103	.11	2	3.35	.01	.07	1
EL-OS-350E	1	13	14	94	.3	20	8	539	1.92	4	6	ND	6	18	1	2	2	26	.16	.127	15	13	.22	180	.09	10	2.76	.01	.08	1
EL-OS-400E	1	13	13	64	.3	30	8	284	2.79	6	7	ND	12	23	1	2	2	34	.26	.129	17	24	.32	144	.12	10	3.42	.02	.09	2
EL-OS-450E	1	19	15	88	.1	27	12	625	3.39	9	5	ND	33	23	1	2	4	37	.23	.196	24	24	.36	153	.12	2	3.84	.01	.10	1
EL-OS-500E	1	18	14	106	.2	25	10	312	2.41	10	5	ND	8	15	1	2	2	27	.11	.075	19	14	.24	162	.11	6	3.00	.01	.10	1
EL-OS-550E	1	17	17	91	.1	25	11	249	2.31	7	5	ND	8	16	1	2	2	27	.13	.058	15	15	.25	179	.11	4	3.23	.01	.10	1
EL-OS-600E	1	17	12	109	.2	25	10	561	2.29	7	5	ND	6	11	1	2	2	27	.08	.060	14	12	.22	163	.11	2	3.03	.01	.08	1
EL-OS-650E	1	10	15	96	.1	17	7	768	1.75	8	5	ND	5	18	1	2	2	20	.15	.099	19	10	.18	204	.06	5	1.82	.01	.09	1
EL-OS-700E	1	17	23	82	.1	27	10	239	2.48	9	5	ND	9	8	1	2	2	26	.07	.076	23	17	.27	115	.07	2	2.62	.01	.08	1
EL-OS-750E	1	17	14	86	.1	25	10	476	2.37	8	5	ND	6	14	1	3	2	30	.11	.051	18	13	.24	174	.10	2	2.57	.01	.08	1
EL-OS-800E	1	16	7	94	.1	28	11	818	2.39	5	5	ND	3	33	1	2	2	35	.27	.082	12	21	.27	223	.10	2	2.51	.01	.10	1
EL-OS-850E	1	22	24	94	.3	24	10	188	2.30	6	6	ND	9	11	1	2	2	28	.10	.066	21	14	.28	133	.07	3	2.51	.01	.12	1
EL-OS-900E	1	18	17	74	.2	22	8	283	1.74	6	5	ND	5	11	1	2	2	28	.14	.015	19	16	.29	58	.06	2	1.46	.01	.09	1
EL-OS-950E	1	34	28	129	.1	59	13	200	3.34	16	5	ND	9	21	1	2	2	37	.21	.093	20	23	.34	196	.11	2	4.02	.01	.17	1
EL-OS-1000E	1	17	14	62	.1	20	8	402	1.82	8	5	ND	3	15	1	2	2	27	.19	.025	20	16	.26	81	.06	4	1.53	.01	.11	1
EL-1S-500W	1	14	19	49	.1	12	6	373	3.53	7	5	ND	4	8	1	2	2	45	.06	.063	11	13	.18	84	.12	3	3.17	.01	.07	2
EL-1S-450W	1	16	22	90	.3	21	14	976	2.65	6	5	ND	3	13	1	2	2	41	.09	.035	8	19	.30	132	.13	2	3.24	.01	.06	1
EL-1S-400W	1	14	16	57	.1	14	8	711	2.02	5	5	ND	5	17	1	2	2	26	.14	.062	9	14	.15	85	.12	2	4.22	.02	.06	1
EL-1S-350W	1	17	15	80	.2	14	10	1086	1.93	4	5	ND	2	21	1	2	2	32	.13	.025	9	16	.24	106	.05	2	1.87	.01	.06	1
EL-1S-300W	1	12	20	97	.1	15	9	937	2.33	5	5	ND	3	12	1	2	2	32	.09	.064	10	10	.15	127	.12	2	4.06	.01	.08	1
STD C	17	58	41	132	6.5	67	31	1042	4.03	40	19	7	37	50	18	15	20	59	.48	.090	39	55	.82	181	.07	32	1.95	.06	.13	12

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
EL-1S-250W	1	13	21	81	.4	15	8	787	2.29	8	5	ND	5	6	1	2	2	28	.04	.065	12	12	.19	99	.09	7	3.09	.01	.08	1
EL-1S-200W	1	22	31	83	.2	20	16	408	2.57	11	5	ND	9	7	1	2	2	30	.06	.069	23	17	.27	94	.12	6	3.80	.01	.11	2
EL-1S-150W	1	13	24	83	.2	24	11	689	2.29	6	5	ND	5	14	1	3	2	30	.11	.049	10	16	.28	162	.11	6	2.78	.01	.11	2
EL-1S-100W	1	20	26	104	.2	31	13	645	2.95	5	5	ND	7	17	1	2	2	37	.17	.039	23	35	.50	190	.12	7	2.65	.01	.14	1
EL-1S-50W	1	19	20	104	.4	31	12	615	2.82	9	5	ND	5	10	1	2	2	38	.08	.085	14	41	.46	163	.16	6	3.41	.01	.09	1
EL-1S-0W	1	18	25	108	.2	21	9	682	2.42	8	5	ND	7	14	1	3	2	29	.10	.105	19	14	.25	234	.13	6	3.26	.01	.14	1
EL-1S-350E	1	17	21	146	.2	29	12	381	2.28	6	5	ND	5	26	1	2	2	30	.19	.101	12	16	.26	170	.13	7	2.85	.02	.14	1
EL-1S-100E	1	21	17	81	.2	27	10	212	2.70	3	5	ND	8	15	1	3	2	33	.14	.073	16	25	.45	145	.11	6	2.67	.01	.20	1
EL-1S-150E	1	14	19	49	.1	19	10	662	2.75	2	5	ND	17	20	1	2	2	34	.22	.029	32	26	.49	61	.03	3	1.38	.01	.10	2
EL-1S-200E	1	12	21	141	.3	31	11	1281	2.35	5	5	ND	6	11	1	2	4	29	.09	.092	14	19	.31	262	.10	6	2.77	.01	.10	1
EL-1S-250E	1	17	18	81	.2	25	9	348	2.53	10	5	ND	8	25	1	2	2	37	.23	.208	10	26	.52	137	.12	3	3.69	.01	.10	2
EL-1S-300E	1	10	11	86	.1	19	7	450	2.35	5	5	ND	9	20	1	2	2	29	.16	.183	19	23	.63	200	.07	3	2.39	.01	.09	1
EL-1S-350E	1	47	16	125	.2	79	21	391	5.84	12	5	ND	17	67	1	3	2	81	.70	.128	78	97	2.57	245	.32	2	3.20	.01	.98	2
EL-1S-400E	1	17	21	87	.1	31	9	286	2.22	9	5	ND	7	18	1	2	2	25	.15	.122	21	17	.27	156	.12	2	2.94	.01	.12	1
EL-1S-450E	1	18	27	122	.2	51	12	539	2.46	5	5	ND	7	21	1	2	2	29	.17	.067	17	42	.41	199	.13	3	3.09	.01	.12	1
EL-1S-500E	1	13	23	164	.3	28	9	624	2.40	8	5	ND	6	26	1	2	3	31	.19	.198	7	13	.18	173	.16	12	3.53	.02	.10	2
EL-1S-550E	1	22	15	162	.2	28	11	692	2.11	9	5	ND	4	21	1	2	2	29	.20	.164	15	17	.21	158	.14	8	3.52	.02	.09	1
EL-1S-600E	1	14	29	136	.1	28	9	312	2.27	13	5	ND	6	18	1	2	2	29	.16	.177	15	13	.21	172	.14	2	3.60	.02	.12	1
EL-1S-650E	1	10	19	124	.2	18	8	329	1.88	2	5	ND	5	19	1	2	2	23	.15	.097	13	11	.14	160	.07	2	2.34	.01	.08	1
EL-1S-700E	1	11	16	93	.1	21	7	614	1.76	5	5	ND	5	17	1	2	2	22	.15	.054	17	11	.19	159	.06	4	1.81	.01	.10	1
EL-1S-750E	1	17	24	167	.1	38	10	292	2.54	11	5	ND	7	15	1	2	2	27	.15	.111	19	16	.25	183	.10	4	3.37	.01	.12	2
EL-1S-800E	1	11	28	127	.1	18	8	1270	1.92	9	5	ND	5	21	1	3	2	24	.17	.062	18	11	.21	211	.08	5	1.83	.01	.14	1
EL-1S-850E	1	15	14	91	.1	21	8	342	1.84	13	5	ND	6	11	1	2	2	25	.12	.033	18	11	.22	124	.07	8	1.66	.01	.11	1
EL-1S-900E	1	24	27	101	.2	36	12	279	2.46	11	5	ND	6	22	1	2	2	30	.14	.023	17	17	.26	263	.10	5	2.99	.01	.17	2
EL-1S-950E	1	17	18	83	.1	25	9	277	2.15	10	5	ND	7	11	1	3	2	28	.12	.036	19	13	.28	147	.06	4	1.95	.01	.12	1
EL-1S-1000E	1	20	21	115	.2	31	10	422	2.49	11	5	ND	6	15	1	2	2	31	.13	.071	13	15	.27	168	.09	4	2.93	.01	.14	1
EL-1S-450W	1	14	13	80	.1	24	9	918	2.45	4	5	ND	5	12	1	2	2	35	.07	.033	11	19	.36	135	.09	4	2.44	.01	.08	1
EL-2S-400W	1	19	29	76	.1	19	12	831	2.69	4	5	ND	5	8	1	2	2	32	.07	.044	16	15	.29	113	.09	2	2.44	.01	.09	1
EL-2S-350W	1	10	12	63	.1	12	7	862	1.81	2	5	ND	5	11	1	2	2	18	.09	.030	18	10	.17	151	.05	2	1.20	.01	.12	1
EL-2S-300W	1	15	25	85	.1	16	14	1235	2.36	4	5	ND	4	17	1	2	2	25	.16	.045	21	13	.24	147	.08	2	1.74	.01	.11	1
EL-2S-250W	1	13	21	56	.1	13	8	567	1.96	2	5	ND	6	15	1	2	2	21	.13	.028	24	13	.25	98	.08	2	1.29	.01	.14	1
EL-2S-200W	1	17	27	112	.1	19	12	2178	2.29	5	5	ND	4	30	1	2	3	24	.26	.086	22	14	.26	246	.08	2	1.81	.01	.16	1
EL-2S-150W	1	15	26	133	.1	22	12	1202	2.28	4	5	ND	4	34	1	2	2	23	.23	.151	23	16	.28	383	.09	2	2.04	.01	.18	1
EL-2S-100W	1	12	21	88	.1	19	10	682	2.07	6	5	ND	3	16	1	2	2	26	.12	.143	13	17	.25	204	.11	2	2.36	.01	.11	1
EL-2S-50W	1	20	28	76	.1	21	11	1343	2.18	3	5	ND	2	27	1	3	2	32	.26	.066	15	23	.35	177	.09	2	2.13	.01	.13	1
EL-2S-0W	1	27	18	60	.1	26	11	361	2.36	5	5	ND	7	15	1	2	2	34	.16	.038	20	31	.43	97	.10	2	2.04	.01	.11	1
STD C	17	58	42	132	7.1	68	31	958	4.10	40	16	7	37	51	18	16	21	59	.48	.092	39	56	.84	182	.07	33	1.98	.06	.13	11

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
EL-2S-50E	1	20	29	99	.1	26	13	1592	2.93	4	5	ND	6	25	1	2	2	38	.18	.063	25	27	.44	222	.10	2	2.62	.01	.15	2
EL-2S-100E	1	12	10	104	.2	23	9	620	2.00	4	5	ND	7	18	1	2	2	26	.18	.170	14	19	.30	163	.09	2	2.21	.01	.10	1
EL-2S-150E	1	15	24	88	.1	21	9	573	2.37	4	5	ND	10	17	1	2	3	32	.15	.109	20	24	.41	153	.09	4	2.29	.01	.09	1
EL-2S-200E	1	23	28	142	.1	41	12	2197	2.87	6	7	ND	11	25	1	3	2	39	.21	.142	28	44	.79	461	.12	3	2.80	.01	.16	2
EL-2S-250E	1	13	15	91	.1	18	8	1631	1.95	5	5	ND	6	19	1	2	2	24	.12	.100	17	14	.28	260	.08	2	2.00	.01	.10	1
EL-2S-300E	1	20	23	142	.1	38	12	751	2.74	7	5	ND	31	20	1	2	2	32	.13	.099	22	24	.40	184	.09	2	2.97	.01	.12	1
EL-2S-350E	1	17	24	169	.2	27	10	969	2.32	6	6	ND	8	36	1	2	2	25	.17	.299	21	13	.25	429	.10	2	2.61	.01	.14	1
EL-2S-400E	1	13	15	83	.1	18	9	204	1.88	4	5	ND	6	20	1	2	2	26	.18	.121	15	15	.24	118	.08	2	1.56	.01	.09	1
EL-2S-450E	1	15	18	131	.3	22	9	229	1.94	3	5	ND	5	19	1	2	2	24	.14	.162	14	12	.19	170	.10	2	2.17	.01	.10	1
EL-2S-500E	1	14	17	154	.1	28	9	604	2.13	8	6	ND	5	20	1	2	3	28	.13	.241	11	13	.20	150	.13	2	3.82	.02	.09	2
EL-2S-550E	1	10	22	227	.3	25	8	469	1.79	3	5	ND	5	25	1	2	2	24	.16	.138	10	10	.17	162	.13	3	2.45	.02	.10	1
EL-2S-600E	1	15	20	142	.3	27	9	675	2.26	6	8	ND	7	27	1	2	3	28	.15	.072	19	12	.23	234	.14	3	2.95	.02	.13	1
EL-2S-650E	1	20	26	118	.2	29	9	425	2.25	9	5	ND	6	28	1	2	2	30	.20	.257	16	13	.21	183	.13	2	3.30	.01	.11	1
EL-2S-700E	1	12	12	90	.2	25	8	350	1.80	10	5	ND	5	22	1	2	2	24	.16	.078	13	10	.17	136	.10	3	2.28	.01	.09	1
EL-2S-750E	1	15	16	84	.1	22	9	502	1.83	12	5	ND	5	21	1	2	2	25	.16	.096	14	10	.20	155	.09	2	2.07	.01	.10	1
EL-2S-800E	1	10	15	93	.2	23	8	761	1.74	10	5	ND	5	23	1	2	2	23	.20	.095	13	10	.19	230	.09	6	2.01	.01	.11	1
EL-2S-850E	1	12	14	63	.1	12	6	341	1.66	9	7	ND	5	10	1	2	2	24	.12	.034	17	9	.23	117	.06	3	1.15	.01	.09	1
EL-2S-900E	1	21	16	109	.2	16	11	368	3.29	9	5	ND	7	16	1	2	2	54	.17	.121	15	13	.44	253	.13	2	2.74	.01	.44	1
EL-2S-950E	1	17	19	100	.1	19	9	322	2.05	9	5	ND	6	19	1	2	2	28	.16	.096	17	11	.26	191	.08	6	2.02	.01	.13	1
EL-2S-1000E	1	16	21	96	.1	16	7	511	1.80	7	5	ND	4	18	1	2	2	27	.21	.081	16	12	.23	296	.09	2	1.85	.01	.13	1
EL-3S-500W	1	20	21	75	.1	20	16	1662	2.16	3	6	ND	8	12	1	2	2	25	.08	.039	20	11	.18	133	.09	3	1.82	.01	.11	1
EL-3S-450W	1	20	23	80	.1	20	10	614	2.23	3	7	ND	7	15	1	2	2	24	.09	.049	21	11	.23	124	.10	4	1.95	.01	.12	2
EL-3S-400W	1	25	26	109	.1	24	12	356	2.46	11	5	ND	8	14	1	2	2	29	.10	.075	19	14	.28	144	.11	2	2.24	.01	.12	1
EL-3S-350W	1	25	19	79	.1	27	12	492	2.62	9	6	ND	8	13	1	2	2	34	.12	.067	23	19	.38	133	.12	2	2.49	.01	.14	1
EL-3S-300W	1	13	15	135	.1	18	10	728	2.10	3	7	ND	6	17	1	2	2	24	.14	.185	20	15	.25	195	.09	2	2.04	.01	.12	1
EL-3S-250W	1	34	13	79	.2	23	12	291	2.37	2	5	ND	6	15	1	2	3	35	.13	.054	15	20	.39	141	.12	3	2.71	.01	.10	1
EL-3S-200W	1	28	18	125	.1	24	11	856	2.67	4	6	ND	8	30	1	3	2	37	.25	.093	22	25	.42	201	.14	4	3.28	.02	.14	1
EL-3S-150W	1	26	14	93	.1	22	10	511	2.21	7	5	ND	7	15	1	2	2	31	.12	.070	22	16	.27	150	.12	2	2.76	.01	.10	1
EL-3S-100W	1	42	20	128	.1	34	13	413	3.32	5	5	ND	12	25	1	2	2	43	.22	.066	36	30	.50	198	.12	2	3.73	.01	.20	1
EL-3S-50W	1	19	11	106	.1	23	9	1061	2.22	3	5	ND	5	10	1	2	2	31	.07	.066	26	19	.31	166	.10	2	2.54	.01	.12	1
EL-3S-0W	1	32	20	146	.2	36	12	504	3.04	21	6	ND	9	23	1	2	2	34	.16	.224	26	25	.45	270	.09	3	3.36	.01	.19	1
EL-3S-50E	1	15	19	141	.2	30	9	831	2.34	8	7	ND	5	19	1	2	2	29	.13	.132	16	17	.28	201	.11	3	3.14	.01	.11	1
EL-3S-100E	1	21	18	122	.2	27	10	636	2.81	7	5	ND	7	18	1	5	2	35	.19	.119	17	21	.32	174	.10	5	3.35	.01	.14	1
EL-3S-150E	1	16	11	90	.3	21	9	197	2.25	9	5	ND	8	9	1	2	2	30	.08	.098	10	14	.23	128	.11	10	2.81	.01	.08	1
EL-3S-200E	1	19	17	139	.1	20	10	330	2.96	13	5	ND	5	17	1	2	3	35	.14	.208	34	16	.22	137	.12	2	3.49	.01	.12	1
EL-3S-250E	1	14	16	125	.3	17	9	698	2.33	7	5	ND	5	29	1	2	2	31	.20	.205	8	12	.19	133	.12	2	3.56	.01	.08	1
STD C	18	60	38	132	7.0	69	30	1025	4.01	39	24	8	40	52	18	15	23	61	.47	.092	41	55	.82	179	.08	38	1.91	.06	.13	13

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mi PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th 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
EL-3S-300E	1	14	16	75	.1	14	9	264	2.00	5	5	ND	6	16	1	2	2	28	.18	.025	16	15	.29	115	.08	9	2.03	.01	.12	1
EL-3S-350E	1	35	27	149	.1	22	11	455	2.96	14	5	ND	9	19	1	5	2	35	.15	.094	26	21	.27	253	.13	8	4.38	.02	.14	1
EL-3S-400E	1	24	29	92	.1	38	15	175	3.43	14	5	ND	8	37	1	6	2	38	.25	.037	15	25	.33	216	.11	5	4.38	.01	.15	1
EL-3S-450E	1	16	25	123	.1	23	10	208	2.35	8	5	ND	7	15	1	3	2	27	.14	.052	12	15	.26	152	.08	13	2.83	.01	.10	1
EL-3S-500E	1	11	15	116	.1	20	8	276	2.02	8	5	ND	6	18	1	3	2	25	.15	.127	10	12	.18	178	.10	10	2.76	.01	.10	1
EL-3S-550E	1	19	22	96	.1	18	15	669	2.47	18	5	ND	8	15	1	5	2	33	.13	.122	13	17	.31	222	.11	7	2.77	.01	.13	1
EL-3S-600E	1	25	20	86	.3	13	12	517	3.55	14	5	ND	7	13	1	6	2	57	.13	.099	11	13	.38	200	.15	10	3.38	.01	.28	1
EL-3S-650E	1	21	16	69	.1	16	9	261	2.00	11	5	ND	7	12	1	3	2	28	.14	.048	15	11	.23	128	.10	5	2.22	.01	.12	1
EL-3S-700E	1	18	13	70	.1	21	8	229	2.15	6	6	ND	6	13	1	2	2	29	.15	.026	16	13	.31	125	.09	5	2.01	.01	.16	1
EL-3S-750E	1	14	21	148	.2	18	10	370	2.52	11	5	ND	5	16	1	3	2	33	.15	.165	9	12	.27	207	.11	7	2.62	.01	.16	1
EL-3S-800E	1	13	16	95	.1	12	9	759	2.35	6	5	ND	4	15	1	2	2	35	.15	.112	9	10	.25	210	.12	5	2.50	.01	.21	1
EL-3S-850E	1	20	20	86	.1	17	8	289	2.11	13	5	ND	7	22	1	5	2	29	.21	.106	11	11	.23	140	.12	7	3.01	.01	.13	1
EL-3S-900E	1	15	10	79	.1	14	9	307	2.29	5	5	ND	5	11	1	2	2	37	.13	.048	8	10	.30	189	.11	7	2.20	.01	.23	1
EL-3S-950E	1	22	22	109	.1	23	10	243	2.40	7	5	ND	6	16	1	2	2	35	.15	.050	13	11	.31	218	.11	5	2.43	.01	.19	1
EL-3S-1000E	1	18	19	122	.1	18	10	237	2.26	8	5	ND	6	13	1	4	2	28	.18	.117	15	13	.28	217	.08	2	2.16	.01	.13	1

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 MM FE SR CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Soil -80 Mesh

DATE RECEIVED: AUG 11 1989 DATE REPORT MAILED: Aug 15/89 SIGNED BY: C. Long D. TOYK, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

DAVID WIKLUND File # 89-2846 Page 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	
EL-4S-500W	1	19	18	78	.1	15	11	505	2.44	2	5	ND	7	19	1	2	2	29	.14	.020	12	12	.20	128	.10	2	2.69	.01	.08	1
EL-4S-450W	1	14	11	53	.2	11	8	172	2.25	2	5	ND	3	8	1	2	2	32	.11	.022	9	13	.17	103	.10	2	1.72	.01	.05	1
EL-4S-400W	1	16	22	56	.2	7	7	216	3.05	2	5	ND	6	16	1	2	2	39	.11	.040	13	10	.11	113	.14	3	3.94	.01	.04	1
EL-4S-350W	1	26	17	41	.1	18	8	303	2.44	3	5	ND	6	13	1	2	2	31	.19	.018	30	21	.45	83	.06	2	2.16	.01	.11	1
EL-4S-300W	1	31	16	76	.1	25	12	534	3.11	4	5	ND	6	15	1	2	2	40	.18	.030	30	27	.59	99	.07	2	2.73	.01	.13	1
EL-4S-250W	1	51	29	71	.1	31	12	316	3.95	16	5	ND	10	16	1	2	2	40	.14	.033	51	29	.56	111	.10	2	4.42	.02	.17	2
EL-4S-200W	1	22	18	45	.1	11	7	311	2.17	8	5	ND	6	8	1	3	3	20	.10	.017	30	14	.33	47	.05	2	.99	.01	.16	1
EL-4S-150W	1	23	13	57	.1	14	8	202	2.48	6	5	ND	6	7	1	2	2	26	.08	.020	24	17	.36	67	.05	7	1.34	.01	.14	1
EL-4S-100W	1	20	17	83	.2	13	10	625	3.11	4	5	ND	6	10	1	2	2	27	.08	.112	14	11	.21	82	.10	2	2.88	.01	.08	1
EL-4S-50W	1	48	31	125	.1	29	19	653	2.92	8	5	ND	10	10	1	2	2	35	.07	.118	23	19	.33	144	.13	2	4.53	.01	.15	1
EL-4S-0W	1	19	18	77	.1	17	12	304	2.12	2	5	ND	7	9	1	2	2	26	.09	.048	15	12	.21	103	.09	3	2.47	.01	.08	1
EL-4S-50E	1	21	20	64	.1	15	10	396	2.23	4	5	ND	6	14	1	2	2	27	.14	.041	18	13	.29	99	.07	2	1.69	.01	.11	1
EL-4S-100E	1	25	26	155	.3	25	14	834	3.99	4	5	ND	13	16	1	2	3	43	.15	.104	50	30	.41	163	.10	2	1.86	.01	.12	1
EL-4S-150E	1	30	17	137	.1	61	15	308	3.46	7	5	ND	7	17	1	3	2	45	.18	.110	19	72	1.11	220	.16	2	2.95	.01	.17	1
EL-4S-200E	1	31	24	90	.1	24	11	232	2.79	5	5	ND	9	8	1	2	2	33	.08	.047	27	17	.37	141	.11	3	2.68	.01	.12	1
EL-4S-250E	1	27	22	67	.1	19	9	232	2.46	3	5	ND	7	13	1	2	2	31	.11	.038	20	13	.32	211	.11	2	2.90	.01	.12	1
EL-4S-300E	1	21	21	133	.2	26	9	326	2.35	2	5	ND	6	16	1	2	2	29	.13	.168	11	11	.26	180	.13	5	3.54	.01	.11	2
EL-4S-350E	1	20	17	71	.1	14	8	402	2.09	8	5	ND	7	15	1	3	2	25	.11	.104	13	10	.24	178	.09	2	2.69	.01	.09	2
EL-4S-400E	1	26	20	79	.1	18	10	312	2.87	7	5	ND	7	9	1	2	2	36	.10	.067	17	18	.39	156	.10	3	2.94	.01	.15	1
EL-4S-450E	1	33	16	79	.1	19	11	322	2.67	6	5	ND	8	15	1	3	2	35	.12	.049	21	13	.36	177	.12	4	3.53	.01	.15	1
EL-4S-500E	1	27	17	106	.1	20	12	956	2.66	8	5	ND	5	15	1	2	2	36	.16	.080	13	15	.41	261	.11	5	2.87	.01	.19	1
EL-4S-550E	1	33	18	110	.1	14	10	379	2.85	2	5	ND	7	13	1	2	2	38	.13	.097	18	11	.37	217	.12	2	3.06	.01	.23	1
EL-4S-600E	1	25	17	107	.1	14	10	365	2.87	6	5	ND	8	16	1	2	2	36	.16	.163	22	11	.35	241	.11	4	2.98	.01	.23	1
EL-4S-650E	1	31	7	92	.1	10	15	392	4.61	3	5	ND	7	15	1	2	2	95	.16	.066	12	13	.75	354	.19	3	3.42	.01	.93	1
EL-4S-700E	1	39	19	92	.1	15	13	419	3.89	3	5	ND	6	15	1	2	2	83	.17	.052	11	12	.66	392	.16	2	3.27	.01	.62	1
EL-4S-750E	1	30	10	82	.1	20	11	270	2.61	6	5	ND	7	16	1	3	2	39	.23	.054	16	12	.41	214	.09	3	2.26	.01	.20	1
EL-4S-800E	1	39	21	114	.2	32	13	269	3.34	5	5	ND	10	19	1	2	2	45	.23	.102	17	17	.49	287	.10	2	3.11	.01	.29	2
EL-4S-850E	1	30	24	85	.1	20	12	192	2.67	5	5	ND	7	18	1	2	2	39	.17	.046	18	13	.39	169	.10	4	2.65	.01	.18	1
EL-4S-900E	1	39	22	59	.1	17	14	575	3.87	39	5	ND	9	25	1	2	2	70	.49	.020	21	20	.48	107	.11	2	2.74	.01	.30	1
EL-4S-950E	1	21	11	68	.1	16	10	203	2.47	6	5	ND	6	11	1	2	2	36	.18	.031	17	13	.39	69	.09	3	1.85	.01	.18	1
EL-4S-1000E	1	24	15	94	.1	18	9	294	2.39	5	5	ND	7	15	1	2	2	35	.24	.018	18	13	.37	87	.10	2	1.93	.01	.18	1
EL-5S-500W	1	38	25	105	.1	35	19	974	4.19	54	5	ND	8	15	1	2	2	51	.13	.059	37	31	.64	93	.12	2	3.60	.01	.19	1
EL-5S-450W	1	15	15	104	.2	19	10	843	2.37	8	5	ND	4	15	1	2	2	33	.14	.062	11	17	.30	104	.09	3	2.75	.01	.07	2
EL-5S-400W	1	16	31	138	.2	14	11	1434	2.72	7	5	ND	5	19	1	3	2	32	.19	.236	12	15	.27	161	.09	2	3.03	.01	.08	2
EL-5S-350W	1	21	55	191	.1	17	12	897	3.27	90	5	ND	5	15	1	2	2	37	.14	.146	14	15	.26	119	.11	2	3.49	.01	.07	2
EL-5S-300W	1	25	33	98	.2	18	17	618	2.57	30	5	ND	8	7	1	2	2	31	.06	.051	18	14	.30	65	.09	2	2.38	.01	.09	1
STD C	19	64	42	132	7.0	71	31	1125	4.13	42	21	7	39	50	19	15	18	61	.50	.093	40	55	.91	179	.07	37	2.04	.06	.13	12

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	U PPM	Au PPM	Hg 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
EL-5S-250W	1	22	17	81	.1	16	13	678	3.03	10	5	ND	6	11	1	2	2	38	.12	.048	25	21	.41	84	.08	2	2.01	.01	.13	1
EL-5S-200W	1	32	26	87	.1	18	13	427	3.07	11	5	ND	7	19	1	2	2	37	.25	.031	23	19	.42	89	.10	4	2.75	.01	.15	2
EL-5S-150W	1	40	16	148	.1	42	16	366	3.95	7	5	ND	8	23	1	2	2	63	.19	.052	28	42	.67	146	.11	2	3.17	.01	.19	1
EL-5S-100W	1	24	15	143	.1	17	11	478	2.79	2	5	ND	6	24	1	3	2	34	.24	.116	17	18	.35	166	.11	2	2.86	.01	.13	1
EL-5S-50W	1	29	23	195	.1	27	12	840	2.83	8	5	ND	8	17	1	2	2	30	.21	.047	22	17	.35	172	.11	2	2.80	.01	.15	1
EL-5S-0W	1	18	11	94	.1	12	7	266	1.94	2	5	ND	5	14	1	2	2	21	.14	.059	19	12	.25	151	.06	3	1.61	.01	.11	1
EL-5S-50E	1	24	13	104	.2	18	9	341	3.20	8	5	ND	6	9	1	2	2	37	.07	.116	23	18	.40	101	.12	2	2.79	.01	.15	1
EL-5S-100E	1	27	21	76	.1	31	13	966	2.97	4	5	ND	7	17	1	2	2	32	.15	.061	26	24	.36	162	.12	2	2.85	.01	.15	1
EL-5S-150E	1	38	15	88	.1	20	12	935	2.77	5	5	ND	7	17	1	2	2	31	.17	.062	19	16	.35	131	.12	4	3.08	.01	.14	1
EL-5S-200E	1	32	22	138	.2	26	15	1011	2.40	3	5	ND	6	27	1	2	2	30	.20	.131	14	13	.23	159	.13	3	3.61	.02	.09	3
EL-5S-250E	1	27	13	31	.1	24	11	466	2.55	2	5	ND	7	14	1	2	2	33	.13	.060	19	15	.31	175	.11	3	3.42	.01	.13	1
EL-5S-300E	1	22	18	118	.1	24	12	510	2.55	4	5	ND	7	13	1	2	2	32	.13	.142	16	15	.32	166	.10	2	2.97	.01	.15	1
EL-5S-350E	1	27	15	109	.1	30	11	379	2.55	6	5	ND	6	17	1	2	2	33	.20	.059	17	16	.40	222	.08	2	2.55	.01	.19	1
EL-5S-400E	1	34	14	119	.2	31	11	322	2.39	3	5	ND	6	20	1	2	2	38	.19	.039	22	17	.48	187	.11	2	2.74	.01	.26	1
EL-5S-450E	1	34	15	132	.1	30	12	367	2.95	5	5	ND	7	21	1	2	2	38	.21	.069	21	15	.43	289	.10	2	2.83	.01	.27	2
EL-5S-500E	1	20	8	83	.1	13	7	317	2.26	2	5	ND	5	15	1	2	4	35	.20	.019	19	14	.41	117	.10	2	1.79	.01	.24	1
EL-5S-550E	1	30	12	72	.1	15	11	293	3.02	3	5	ND	5	16	1	2	2	45	.22	.017	19	14	.50	133	.14	2	2.24	.01	.35	1
EL-5S-600E	1	28	7	86	.1	7	18	457	5.27	2	5	ND	5	13	1	2	2	89	.30	.018	8	11	.82	180	.24	2	2.95	.01	1.03	1
EL-5S-650E	1	24	12	110	.1	14	13	376	3.36	4	5	ND	7	18	1	2	2	60	.25	.059	11	12	.57	378	.17	5	3.56	.02	.53	1
EL-5S-700E	1	32	10	104	.1	10	13	433	5.03	2	5	ND	5	16	1	2	2	101	.35	.036	10	10	.86	353	.22	2	3.22	.02	.97	1
EL-5S-750E	1	25	12	146	.1	12	20	1177	4.99	5	5	ND	5	31	1	2	2	97	.50	.122	10	13	.98	472	.19	2	3.33	.02	.87	1
EL-5S-800E	1	39	7	82	.1	13	17	491	4.31	6	5	ND	4	23	1	2	2	100	.51	.029	9	14	.77	176	.18	2	2.86	.02	.59	1
EL-5S-850E	1	27	17	131	.1	25	13	344	3.06	5	5	ND	6	25	1	2	2	45	.33	.292	12	14	.44	247	.12	2	3.33	.02	.26	1
EL-5S-900E	1	25	21	149	.1	24	12	317	3.00	2	5	ND	6	22	1	2	2	40	.29	.226	13	16	.44	214	.11	5	3.37	.01	.22	1
EL-5S-950E	1	58	17	99	.1	33	23	215	2.48	9	5	ND	5	24	1	2	2	31	.26	.057	9	15	.30	228	.12	3	3.61	.02	.15	1
EL-5S-1000E	1	21	16	129	.2	21	11	181	2.60	8	5	ND	7	16	1	2	2	32	.22	.102	10	14	.28	152	.12	6	3.55	.01	.12	2
EL-6S-500W	1	20	32	137	.1	12	12	1227	2.46	10	5	ND	4	11	1	2	2	31	.13	.083	14	18	.34	145	.09	5	2.12	.01	.11	1
EL-6S-450W	1	14	22	84	.1	13	9	921	2.40	7	5	ND	3	11	1	2	2	29	.15	.050	17	19	.34	137	.07	9	1.53	.01	.11	1
EL-6S-400W	1	23	28	117	.1	19	13	1154	2.88	9	5	ND	5	16	1	2	2	36	.18	.051	16	21	.43	229	.11	2	2.61	.01	.12	1
EL-6S-325W	1	28	29	92	.1	24	15	936	3.09	9	5	ND	5	14	1	2	3	36	.14	.057	27	22	.42	115	.10	3	2.58	.01	.13	1
EL-6S-300W	1	28	33	104	.1	21	14	1155	3.11	12	5	ND	6	33	1	2	2	38	.33	.060	28	23	.45	150	.11	2	2.92	.01	.16	1
EL-6S-250W	1	22	28	259	.1	21	11	925	2.63	14	5	ND	6	25	1	2	2	29	.21	.181	18	17	.32	208	.11	8	2.88	.01	.14	1
EL-6S-200W	1	29	37	128	.1	18	12	378	2.68	6	5	ND	10	12	1	2	2	28	.13	.040	25	15	.36	106	.11	2	2.56	.01	.14	1
EL-6S-150W	1	24	30	237	.1	19	11	1116	2.62	6	5	ND	7	23	1	2	2	28	.25	.144	22	15	.32	226	.11	3	2.63	.01	.14	1
EL-6S-75W	1	18	39	319	.1	20	13	1265	2.57	2	5	ND	6	21	1	2	3	25	.24	.067	22	15	.34	180	.10	3	1.95	.01	.17	1
EL-6S-50W	1	21	71	294	.1	24	13	963	2.66	14	5	ND	7	29	1	2	2	28	.38	.043	28	17	.34	116	.11	5	2.39	.01	.14	2
STD C	18	62	38	132	6.6	75	30	1074	4.16	42	17	7	38	49	19	16	23	60	.51	.093	39	61	.92	174	.07	33	2.07	.06	.14	12

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM
EL-6S-0W	1	26	32	162	.1	24	10	322	2.09	14	5	ND	8	23	1	10	4	27	.19	.061	22	29	.34	145	.13	2	3.23	.02	.17	3
EL-6S-50E	1	24	25	114	.1	23	10	598	2.11	10	5	ND	8	19	1	3	2	27	.15	.069	23	30	.32	153	.11	2	2.43	.02	.19	1
EL-6S-100E	1	15	19	79	.1	23	10	823	1.94	11	5	ND	6	16	1	2	3	27	.16	.036	24	29	.30	120	.10	2	1.69	.01	.16	1
EL-6S-150E	1	19	20	75	.1	22	10	543	2.07	12	6	ND	9	13	1	3	2	30	.14	.033	25	27	.32	119	.11	3	2.16	.02	.19	1
EL-6S-200E	1	18	16	84	.1	27	11	977	2.06	6	5	ND	4	20	1	2	2	32	.20	.028	25	31	.42	169	.12	2	2.19	.02	.18	1
EL-6S-250E	1	28	23	89	.1	24	11	472	2.40	11	5	ND	7	21	1	2	2	39	.18	.032	33	29	.42	200	.13	6	2.73	.02	.26	1
EL-6S-300E	1	20	22	96	.1	26	10	735	2.37	9	5	ND	5	26	1	3	2	37	.26	.073	18	27	.37	231	.13	4	3.06	.02	.28	1
EL-6S-350E	1	21	21	94	.1	18	10	564	2.36	5	5	ND	6	14	1	2	2	39	.15	.054	21	25	.43	124	.12	2	1.91	.02	.34	2
EL-6S-400E	1	10	17	105	.1	16	7	248	1.91	6	5	ND	4	16	1	3	2	33	.17	.065	15	21	.36	168	.09	2	1.65	.02	.26	2
EL-6S-450E	1	16	16	64	.1	14	8	306	1.76	5	5	ND	5	12	1	2	2	35	.15	.024	21	21	.35	77	.09	2	1.26	.02	.19	2
EL-6S-500E	1	24	12	98	.1	7	17	557	5.95	2	5	ND	4	19	1	2	2	101	.22	.034	8	16	.92	238	.27	5	3.25	.02	1.44	1
EL-6S-550E	1	16	14	115	.1	10	14	1015	3.64	6	5	ND	6	26	1	3	2	70	.29	.098	10	18	.60	423	.17	4	2.75	.02	.75	1
EL-6S-600E	1	22	18	106	.1	14	15	688	3.70	13	9	ND	8	22	1	11	2	69	.24	.121	12	22	.59	291	.16	5	3.03	.03	.65	2
EL-6S-650E	1	8	12	71	.1	7	12	578	3.15	5	5	ND	3	13	1	2	2	67	.25	.016	9	18	.53	155	.18	2	1.91	.02	.57	1
EL-6S-700E	1	20	20	119	.1	10	14	956	3.85	5	5	ND	4	49	1	2	2	70	.49	.084	15	20	.63	293	.17	5	2.48	.02	.78	1
EL-6S-750E	1	24	14	70	.1	11	12	337	3.13	14	5	ND	4	16	1	2	2	64	.25	.020	12	20	.58	128	.16	2	1.88	.02	.59	2
EL-6S-800E	1	18	16	95	.1	20	11	327	2.58	12	6	ND	5	15	1	2	2	49	.29	.024	15	23	.46	131	.12	2	2.13	.02	.34	1
EL-6S-850E	1	26	27	113	.1	29	10	663	2.66	11	5	ND	7	16	1	4	2	41	.14	.163	13	24	.34	260	.12	2	3.98	.02	.23	4
EL-6S-900E	1	23	22	100	.1	24	9	448	2.22	8	5	ND	6	22	1	2	2	35	.19	.055	16	21	.34	183	.10	2	2.71	.01	.19	1
EL-6S-950E	1	20	17	83	.1	21	9	287	2.06	10	5	ND	6	15	1	2	2	34	.19	.035	19	24	.38	115	.09	2	1.95	.02	.19	1
EL-6S-1000E	1	20	20	93	.1	18	9	327	1.92	9	5	ND	6	13	1	2	2	34	.13	.026	28	25	.33	122	.08	2	1.96	.02	.20	1
STD C	18	63	41	132	6.8	72	31	1017	3.72	40	23	7	39	49	18	15	20	60	.45	.094	39	52	.87	178	.07	33	1.88	.06	.14	12

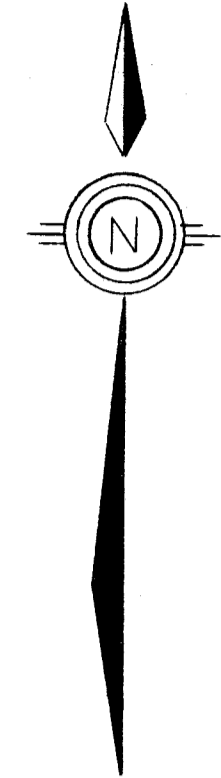
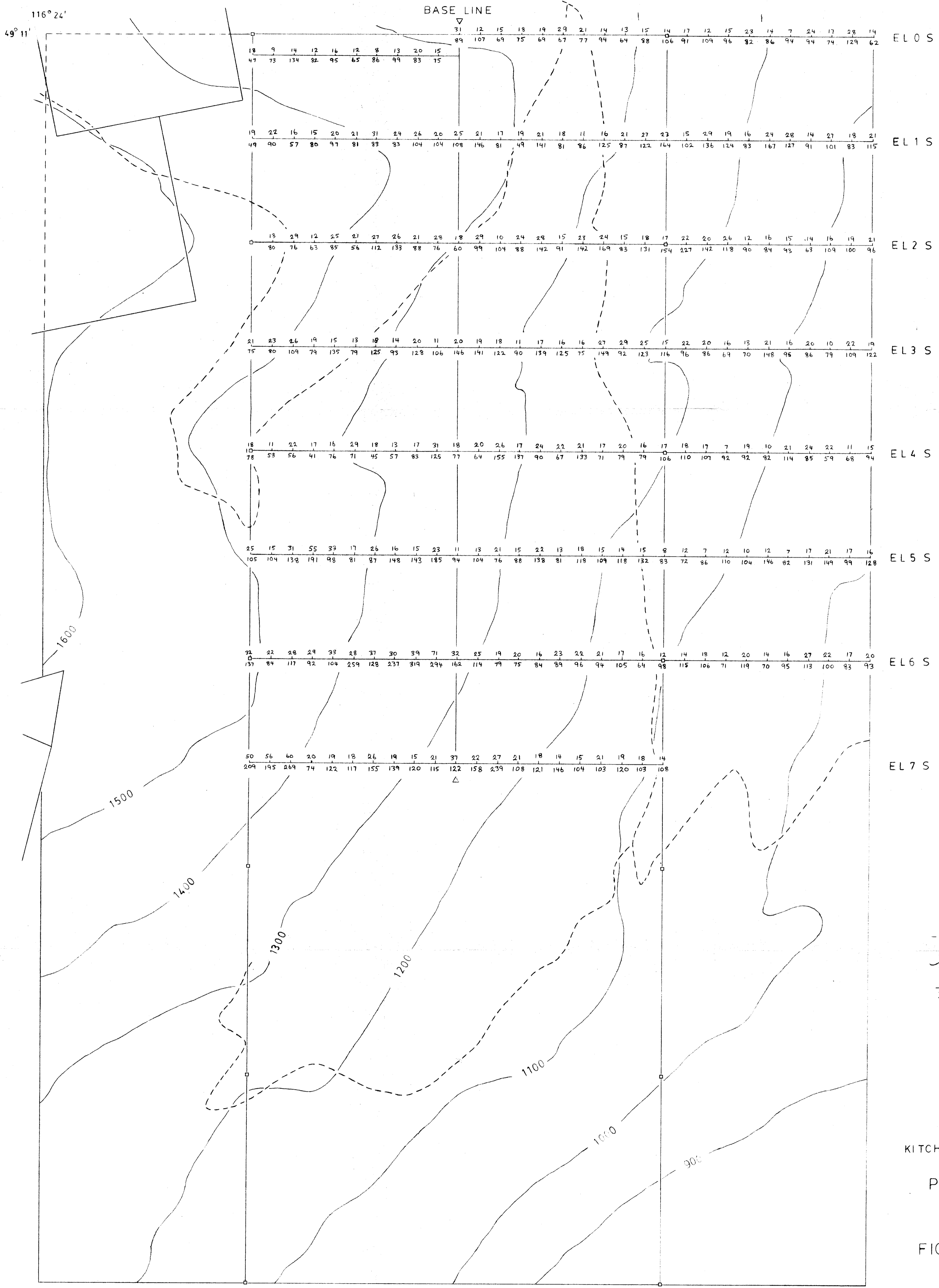
GEOCHEMICAL ANALYSIS CERTIFICATE

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 FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Soil -80 Mesh

DATE RECEIVED: OCT 10 1989 DATE REPORT MAILED: Oct 12/89 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

DAVID WIKLUND File # 89-4162 Page 1

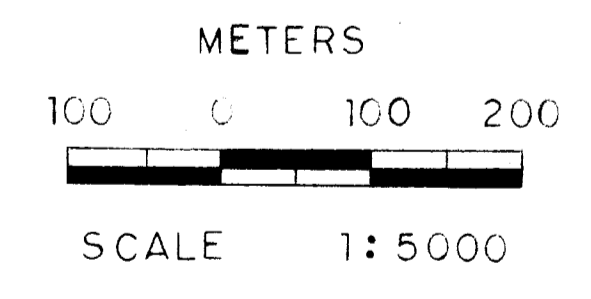
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
EL-7S-500W	1	45	50	209	.1	23	25	2130	3.20	19	5	ND	3	17	1	2	2	35	.25	.154	16	25	.49	240	.08	5	2.11	.01	.14	1
EL-7S-450W	1	47	56	195	.3	76	24	2322	4.30	16	5	ND	4	41	1	2	2	58	.36	.210	29	85	1.46	254	.13	2	3.28	.01	.38	1
EL-7S-400W	1	59	60	269	.1	46	22	869	3.57	54	5	ND	6	20	1	2	2	40	.41	.063	34	35	.58	159	.09	5	3.10	.01	.16	1
EL-7S-350W	1	24	20	74	.1	14	9	197	2.19	11	5	ND	8	7	1	2	2	25	.09	.064	19	12	.27	57	.08	4	2.05	.01	.10	1
EL-7S-300W	1	17	19	122	.1	17	9	275	2.35	4	5	ND	6	12	1	2	2	25	.11	.056	15	11	.29	175	.09	2	2.20	.01	.12	1
EL-7S-250W	1	15	18	117	.1	18	10	376	2.23	5	5	ND	6	14	1	2	2	24	.14	.036	18	12	.27	143	.09	3	2.01	.01	.13	1
EL-7S-200W	1	20	26	155	.1	29	12	275	2.91	7	5	ND	6	26	1	2	2	31	.31	.183	17	16	.39	166	.11	3	3.37	.01	.16	1
EL-7S-150W	1	17	19	139	.1	18	8	280	2.34	7	5	ND	3	25	1	2	2	24	.31	.143	15	11	.23	177	.09	3	2.44	.01	.11	1
EL-7S-100W	1	18	15	120	.1	21	11	672	2.66	2	5	ND	7	17	1	2	2	28	.21	.067	20	15	.35	168	.09	8	2.72	.01	.16	1
EL-7S-50W	1	19	21	115	.1	24	12	472	2.71	6	5	ND	7	19	1	2	2	29	.19	.046	23	14	.33	198	.11	8	3.32	.01	.18	1
EL-7S-0W	1	20	37	122	.1	23	13	918	2.69	8	5	ND	7	14	1	2	2	29	.15	.042	29	18	.39	142	.09	2	2.20	.01	.19	1
EL-7S-50E	1	37	22	158	.1	17	13	439	4.07	28	5	ND	7	27	1	2	2	57	.25	.212	17	17	.66	229	.13	5	3.59	.01	.55	1
EL-7S-100E	1	51	27	239	.1	28	16	218	3.13	33	5	ND	10	23	1	2	2	37	.21	.074	24	21	.45	168	.11	5	3.59	.01	.21	1
EL-7S-150E	1	28	21	108	.1	14	12	468	3.43	21	5	ND	5	12	1	2	2	51	.16	.046	16	14	.54	235	.13	2	3.15	.01	.33	1
EL-7S-200E	1	47	18	121	.2	21	14	791	3.74	9	5	ND	6	17	1	2	2	54	.20	.047	25	22	.64	151	.15	7	4.02	.02	.35	1
EL-7S-250E	1	20	14	146	.1	24	13	1334	3.00	8	5	ND	3	41	1	2	2	38	.49	.252	10	31	.64	592	.10	2	2.90	.01	.31	1
EL-7S-300E	1	31	15	104	.1	18	14	440	3.36	8	5	ND	4	18	1	2	2	49	.25	.070	12	16	.71	246	.13	2	3.21	.01	.40	1
EL-7S-350E	1	22	21	103	.1	14	13	947	3.16	6	5	ND	5	20	1	2	2	46	.24	.081	12	16	.59	278	.12	3	2.93	.01	.37	1
EL-7S-400E	1	36	19	120	.1	22	18	881	4.21	7	5	ND	4	17	1	2	2	57	.26	.094	10	49	1.08	337	.12	3	3.32	.01	.49	1
EL-7S-450E	1	22	18	103	.1	14	13	383	3.67	8	5	ND	4	15	1	2	2	61	.32	.071	11	18	.58	353	.13	2	2.84	.01	.43	1
EL-7S-500E	1	21	14	108	.1	11	14	822	3.78	9	5	ND	5	18	1	2	2	74	.35	.089	12	13	.58	329	.12	6	2.81	.01	.53	1
STD C	18	58	37	132	7.2	64	30	975	4.00	39	19	7	36	47	18	15	17	56	.48	.091	37	56	.88	174	.06	34	1.89	.06	.14	12



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,060

- CLAIM POST
- ROAD
- ~900~ ELEVATION (M)
- $\frac{56}{239}$ PB ZN SAMPLE STATION



ELK CLAIMS
KITCHENER B.C. NELSON MINING DIVISION

PB ZN SOIL SAMPLING
RESULTS IN PPM

FIGURE 1 DATE NOV. 1989
BY H.I. DAVIES