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GEOCHEMICAL REPORT
LEO 1-10,12,22
Fort Steele Mining Division
N.T.S.82G/4W
Lat. 49°10', Long. 116°50'

Owner & Operator: Kokanee Explorations Ltd.
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,434

JULY 30, 1992

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i
summary

The area is underlain by Aldridge sediments and "Moyie Sill" gabbro although outcrop is scarce. Anomalous values are relatively mild. Two areas are indicated that may, because of an apparent vertical zonation of higher Cu, Zn, Pb, Ba values (northwards) warrant further investigation.

1.0 INTRODUCTION1.1 LOCATION and ACCESS

The property straddles lower Sundown Creek which is 33 kilometers south-east of Cranbrook, B.C.. At the south end of Moyie Lake one leaves highway #3/95 and heads south past a shooting range, a gas-pipeline pumping station and the Moyie dump. The second road to the south is the Sundown Creek road and provides access to the center of the claim group. Another old logging road which corresponds to sample line 15W provides access to the south-west corner of the claim block. All other logging roads on the property are completely overgrown.

1.2 PHYSIOGRAPHY

Higher elevations on the property host lodgepole pine alder and fir. At lower elevations thick alder, cedar, pine and hemlock make walking difficult especially on north facing slopes. Outcrop is sparse at high elevations and non-existent at lower elevations.

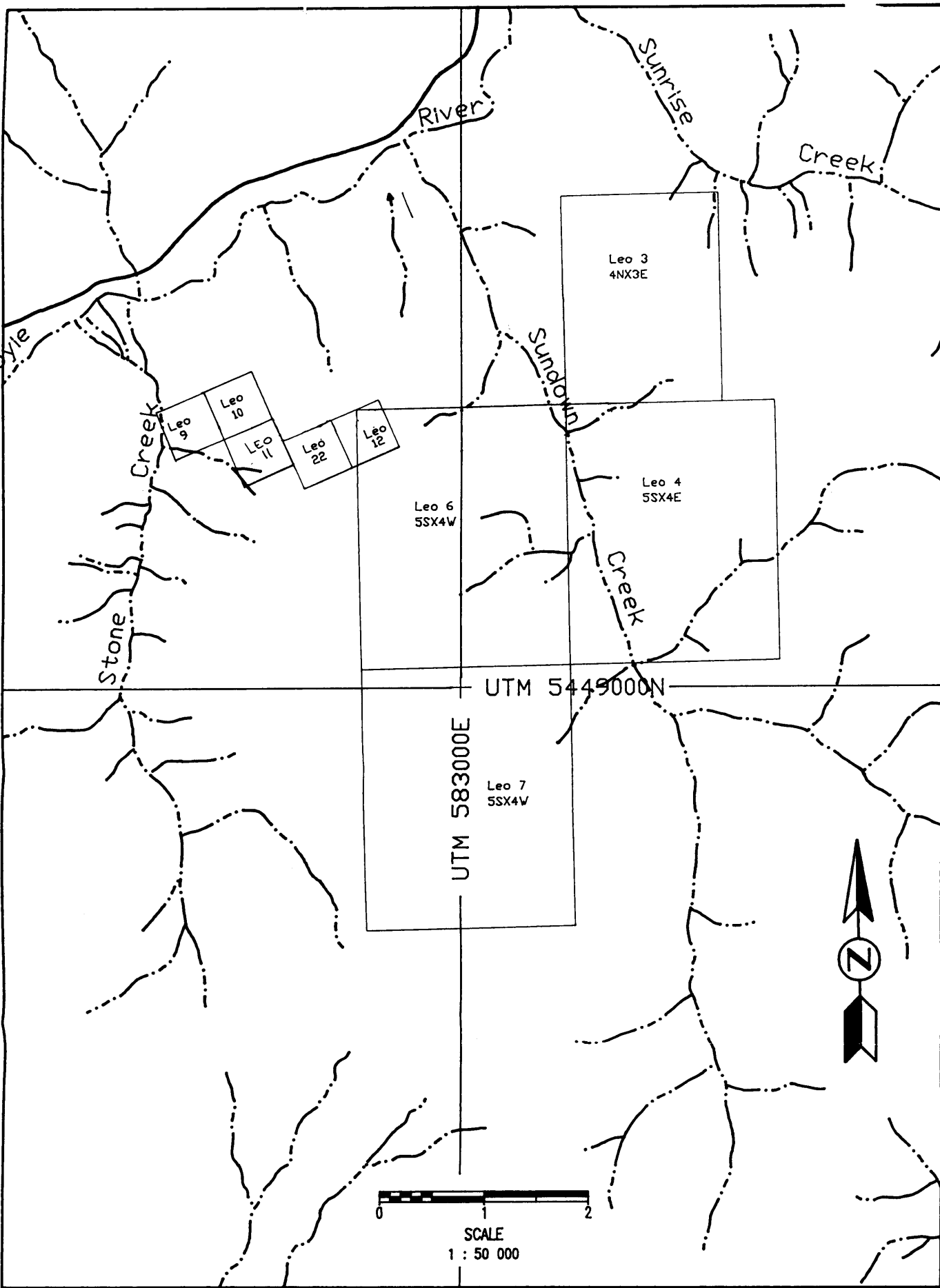
1.3 CLAIM STATUS

The nine Leo claims consisting of 77 units are in good standing until June, 1993. The following details this claim information.

<u>CLAIM NAME</u>	<u>RECORD #</u>	<u>EXPIRY DATE</u>	<u># of UNITS</u>
LEO 3	302013	June 20, 1993	12
LEO 4	301513	" 21, "	20
LEO 6	301514	" 21, "	20
LEO 7	301516	" 24, "	20
LEO 9	302219	" 26, "	1
LEO10	302220	" 26, "	1
LEO11	302221	" 26, "	1
LEO12	302222	" 26, "	1
LEO22	302232	" 26, "	1

1.4 HISTORY

The author is not aware of any exploration programs which have previously been conducted on the property.



<h1>Leo Property</h1>					
Drawn by: DPM		Traced by:		<h2>CLAIM LOCATION MAP 82G/4W</h2>	
Revised by:	Date:	Revised by:	Date:		
Scale: 1 : 50 000		Date: 92/03/06		Plate: 1	

2.0 GEOCHEMICAL SURVEY

2.1 RESULTS

Soil samples totalling 490 were taken from "B" horizon soil from contour lines on the property. All samples were taken under the direct supervision of G.Rodgers, P.Eng. and sample depths, color, texture, etc. are listed in Appendix "C". Locations of sample sites are shown in figures 2-4.

All samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver. All samples were dried and pulverized to -100 mesh. A $\frac{1}{2}$ gram sample was digested with 3ml (3-1-2) HCl-HNO₃-H₂O at 95°C for 1 hour and diluted to 10ml with water. I.C.P. analysis was done for 30 elements.

2.2 INTERPRETATION

Bedrock on the property consists of Lower and Middle Aldridge argillites and Moyie Sill intrusive rocks. The property is also 3 km south-east of the old Midway minesite. Results were plotted for Pb, Zn and Cu at 1:10,000 scale. Possibilities exist on the property for a Sullivan type Pb/Zn deposit or a Midway type (Au) deposit. Strontium values on the property are relatively low indicating a lack of recent intrusive activity.

Anomalous values for the property are relatively mild; however, enough of an anomaly exists in both Cu, Zn, Pb and Ba so as to suggest a vertical zonation of these elements characteristic of other sediment hosted Pb/Zn deposits in the area which have their origins from metal bearing hydrothermal solutions. If one can imagine a vent centered down-dip of strata located at the south end of Leo 5&7 or in the middle of Leo 4 then these elements appear to intensify and ascend in characteristic order for several hundred meters to the north.

Mean, Threshold* and Anomalous** values for Cu, Pb, Zn, Ag, Ba, Sr and Mn are listed as follows:

<u>ELEMENT</u>	<u>MEAN(ppm)</u>	<u>THRESHOLD (ppm)</u>	<u>ANOMALOUS(ppm)</u>
Cu	42.6	74.2	105.8
Pb	19.2	24.8	30.4
Zn	106.3	141.4	176.5
Ag	0.2	0.3	0.4
Ba	149.7	217.7	285.7
Sr	23.5	32.5	41.5
Mn	465.4	744.1	1022.8

*Threshold = mean plus one standard deviation.

**Anomalous = mean plus two standard deviations.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Outcrop on the property is sparse and consists of Aldridge sediments and Moyie Sill gabbro. Geochemical values for Cu, Zn, Pb, and Ba are relatively mild but indicate two areas of possible down-dip vertical zonation of these elements characteristic of other sediment hosted Pb/Zn deposits in the area which originate from ascending metal-bearing hydrothermal solutions.

Additional geochemical sampling is recommended as well as possibly Induced Polarization, Horizontal Loop or some other geophysical tool in the vicinity north of the two anomalous areas.

(5)

APPENDIX "A"

Extraction File : C:\PXDBLO\EXTRACT\CU.MEX
 Data Description : Cu contour geochem samples

Minimum Cutoff Value 7.000000
 Maximum Cutoff Value 240.000100
 Number of Samples <=0 0
 Total Number of Samples Used 490

Minimum Histogram Value 0.000000
 Maximum Histogram Value 240.000100
 Number of Class 48
 Class Interval 5.000000

Minimum Population Data point 7.000000
 Maximum Population Data point 240.000000
 Total Population 491

	Ungrouped Data	Grouped Data
Mean	42.415422	42.612245
Median	N/A	34.000000
Geometric Mean	34.237470	34.540169
Natural LOG Mean	3.533321	3.542123
Standard Deviation	31.631110	31.574946
Variance	1000.527123	996.977197
Log Variance	0.412168	0.402831
Coefficient of Variation	0.745745	0.740983
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	1000.527123	996.977197
Moment 3 about Arithmetic Mean	70044.146648	70361.475652
Moment 4 about Arithmetic Mean	9119560.853162	9197273.819244
Moment Coefficient of Skewness	9.109954	9.253130
Moment Coefficient of Kurtosis	2.213240	2.235152

MEAN = 42.6

S.D. = 31.6

THRESHOLD = 74.2

ANOMALOUS = 105.8

Extraction File : C:\PXDBLO\EXTRACT\PB.MEX

Data Description : Pb geochem data for Leo

Minimum Cutoff Value 5.000000
 Maximum Cutoff Value 44.000100
 Number of Samples <=0 0
 Total Number of Samples Used 490

Minimum Histogram Value 5.000000
 Maximum Histogram Value 44.000100
 Number of Class 39
 Class Interval 1.000000

Minimum Population Data point 5.000000
 Maximum Population Data point 44.000000
 Total Population 491

	Ungrouped Data	Grouped Data
Mean	18.795966	19.185714
Median	N/A	18.708333
Geometric Mean	17.990587	18.407577
Natural LOG Mean	2.889849	2.912762
Standard Deviation	5.620832	5.589275
Variance	31.593754	31.240000
Log Variance	0.089114	0.083937
Coefficient of Variation	0.299045	0.291325
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	31.593754	31.240000
Moment 3 about Arithmetic Mean	152.722987	150.261411
Moment 4 about Arithmetic Mean	4398.182214	4288.253372
Moment Coefficient of Skewness	4.406267	4.393983
Moment Coefficient of Kurtosis	0.860008	0.860560

MEAN = 19.2 PPM

S.D = 5.6

THRESHOLD = 24.8

ANOMALOUS = 30.4

Extraction File : C:\PXDBLO\EXTRACT\ZN.MEX

Data Description : Zn data from contour sample program

Minimum Cutoff Value 31.000000
 Maximum Cutoff Value 304.000100
 Number of Samples <=0 0
 Total Number of Samples Used 490

Minimum Histogram Value 30.000000
 Maximum Histogram Value 310.000000
 Number of Class 28
 Class Interval 10.000000

Minimum Population Data point 31.000000
 Maximum Population Data point 304.000000
 Total Population 491

	Ungrouped Data	Grouped Data
Mean	106.017423	106.285714
Median	N/A	103.333333
Geometric Mean	100.441308	100.834527
Natural LOG Mean	4.609574	4.613481
Standard Deviation	35.348342	35.135017
Variance	1249.505281	1234.469388
Log Variance	0.109821	0.106486
Coefficient of Variation	0.333420	0.330571
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	1249.505281	1234.469388
Moment 3 about Arithmetic Mean	43293.526346	44430.227405
Moment 4 about Arithmetic Mean	8062160.770838	8170948.911703
Moment Coefficient of Skewness	5.163870	5.361815
Moment Coefficient of Kurtosis	0.980203	1.024373

MEAN = 106.³ PPM
 S.D. = 35!

THRESHOLD = 141.⁴

ANOMALOUS = 176.⁵

Extraction File : G:\PXDBLO\EXTRACT\AG.MEX
 Data Description : Ag contour geochem values

Minimum Cutoff Value 0.100000
 Maximum Cutoff Value 0.900000
 Number of Samples <=0 0
 Total Number of Samples Used 491

Minimum Histogram Value 0.100000
 Maximum Histogram Value 0.900000
 Number of Class 8
 Class Interval 0.100000

Minimum Population Data point 0.100000
 Maximum Population Data point 0.900000
 Total Population 491

	Ungrouped Data	Grouped Data
Mean	0.171894	0.218839
Median	N/A	0.181561
Geometric Mean	0.146196	0.199730
Natural LOG Mean	-1.922808	-1.610791
Standard Deviation	0.117442	0.109184
Variance	0.013793	0.011921
Log Variance	0.276109	0.159473
Coefficient of Variation	0.683221	0.498922
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	0.013793	0.011921
Moment 3 about Arithmetic Mean	0.003531	0.002690
Moment 4 about Arithmetic Mean	0.001706	0.001230
Moment Coefficient of Skewness	8.968777	8.653227
Moment Coefficient of Kurtosis	2.180114	2.067093

MEAN = 0.2
 S.D. = 0.1

THRESHOLD = 0.3
 ANOMALOUS = 0.4

Extraction File : G:\PXDBLO\EXTRACT\BA.MEX
Data Description : Ba contour geochem values

Minimum Cutoff Value 48.000000
Maximum Cutoff Value 496.000100
Number of Samples <=0 0
Total Number of Samples Used 490

Minimum Histogram Value 40.000000
Maximum Histogram Value 500.000000
Number of Class 46
Class Interval 10.000000

Minimum Population Data point 48.000000
Maximum Population Data point 496.000000
Total Population 491

	Ungrouped Data	Grouped Data
Mean	149.391084	149.714286
Median	N/A	129.152542
Geometric Mean	135.667387	136.030293
Natural LOG Mean	4.910206	4.912878
Standard Deviation	68.963872	69.040213
Variance	4756.015621	4766.551020
Log Variance	0.189965	0.188805
Coefficient of Variation	0.461633	0.461146
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	4756.015621	4766.551020
Moment 3 about Arithmetic Mean	425745.529270	432962.169096
Moment 4 about Arithmetic Mean	116563341.270464	118612879.773844
Moment Coefficient of Skewness	5.153182	5.220635
Moment Coefficient of Kurtosis	1.298031	1.315660

MEAN = 149.7

S.D. = 68.0

THRESHOLD = 217.7

ANOMALOUS = 285.7

Extraction File : C:\PXDBLO\EXTRACT\SR.MEX
 Data Description : Sr contour geochem values

Minimum Cutoff Value 6.000000
 Maximum Cutoff Value 72.000100
 Number of Samples (<=0) 0
 Total Number of Samples Used 490

Minimum Histogram Value 6.000000
 Maximum Histogram Value 72.000100
 Number of Class 33
 Class Interval 2.000000

Minimum Population Data point 6.000000
 Maximum Population Data point 72.000000
 Total Population 491

MEAN = 23.5 ppm
 S.D. = 9.0

	Ungrouped Data	Grouped Data
Mean	23.004666	23.461224
Median	N/A	21.941176
Geometric Mean	21.411622	21.878689
Natural LOG Mean	3.063934	3.085513
Standard Deviation	8.901622	8.989309
Variance	79.238870	80.807680
Log Variance	0.144706	0.140090
Coefficient of Variation	0.386949	0.383156
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	79.238870	80.807680
Moment 3 about Arithmetic Mean	686.491071	720.335339
Moment 4 about Arithmetic Mean	25953.479468	27092.048789
Moment Coefficient of Skewness	4.133511	4.148934
Moment Coefficient of Kurtosis	0.973257	0.991644

THRESHOLD = 32.5
 ANOMALOUS = 41.5

Extraction File : C:\PXDBLO\EXTRACT\MN.MEX

Data Description : Mn contour geochem values

Minimum Cutoff Value 112.000000
 Maximum Cutoff Value 1984.000100
 Number of Samples (<=0) 0
 Total Number of Samples Used 490

Minimum Histogram Value 100.000000
 Maximum Histogram Value 2000.000000
 Number of Class 38
 Class Interval 50.000000

Minimum Population Data point 112.000000
 Maximum Population Data point 1984.000000
 Total Population 491

	Ungrouped Data	Grouped Data
Mean	464.300248	465.408163
Median	N/A	390.277778
Geometric Mean	399.980863	400.996944
Natural LOG Mean	5.991417	5.993954
Standard Deviation	279.034138	278.735916
Variance	77860.050407	77693.710954
Log Variance	0.285721	0.287060
Coefficient of Variation	0.600978	0.598906
Moment 1 about Arithmetic Mean	0.000000	0.000000
Moment 2 about Arithmetic Mean	77860.050407	77693.710954
Moment 3 about Arithmetic Mean	39545810.529819	39417170.898180
Moment 4 about Arithmetic Mean	46891173380.406840	46979664916.745610
Moment Coefficient of Skewness	7.735025	7.782841
Moment Coefficient of Kurtosis	1.820239	1.820148

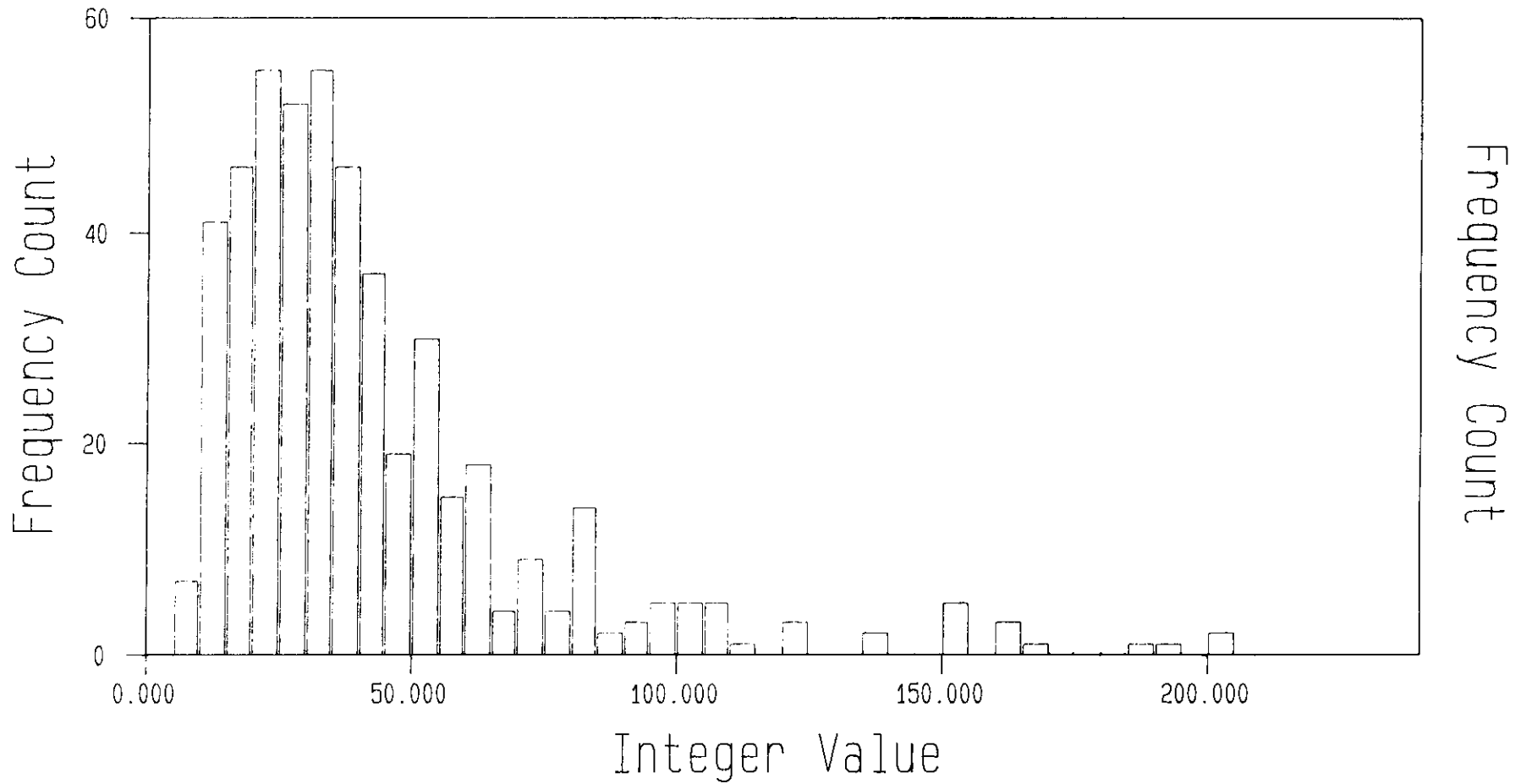
MEAN = 465⁺
 S.D. = 278.?

THRESHOLD = 744.¹
 ANOMALOUS = 1,022.⁸

APPENDIX "B"

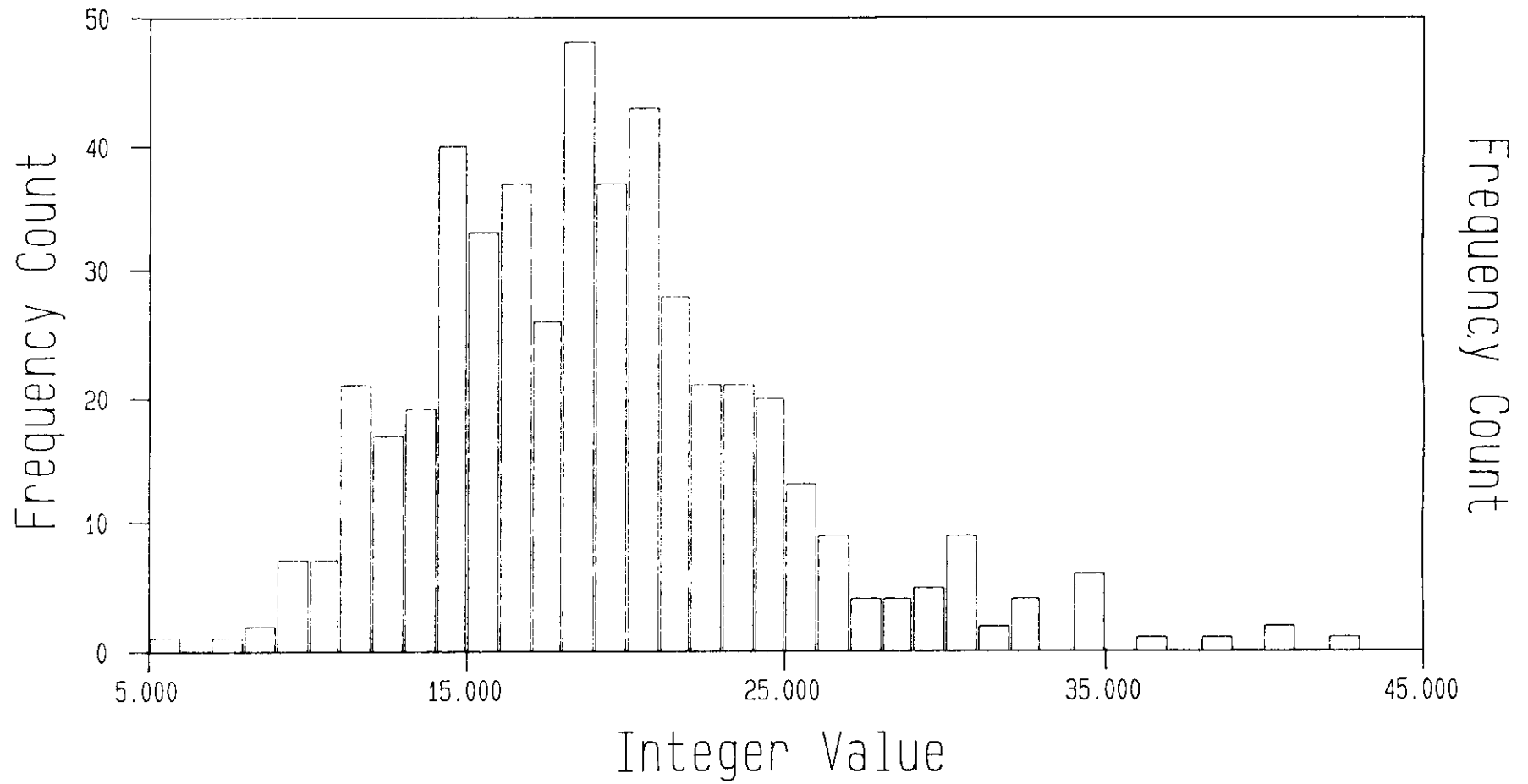
Normal Histogram

Cu contour geochem samples



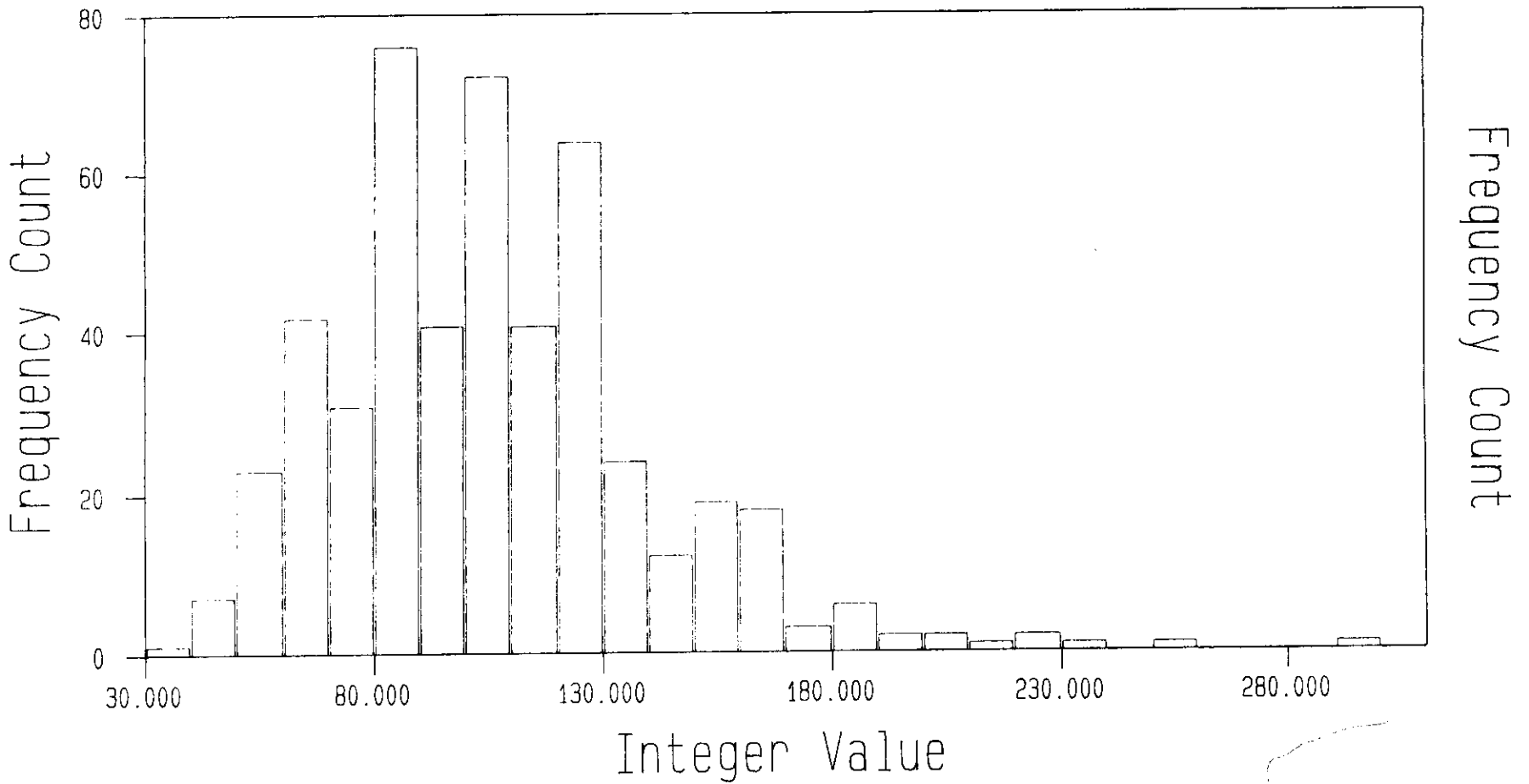
Normal Histogram

Pb geochem data for Leo



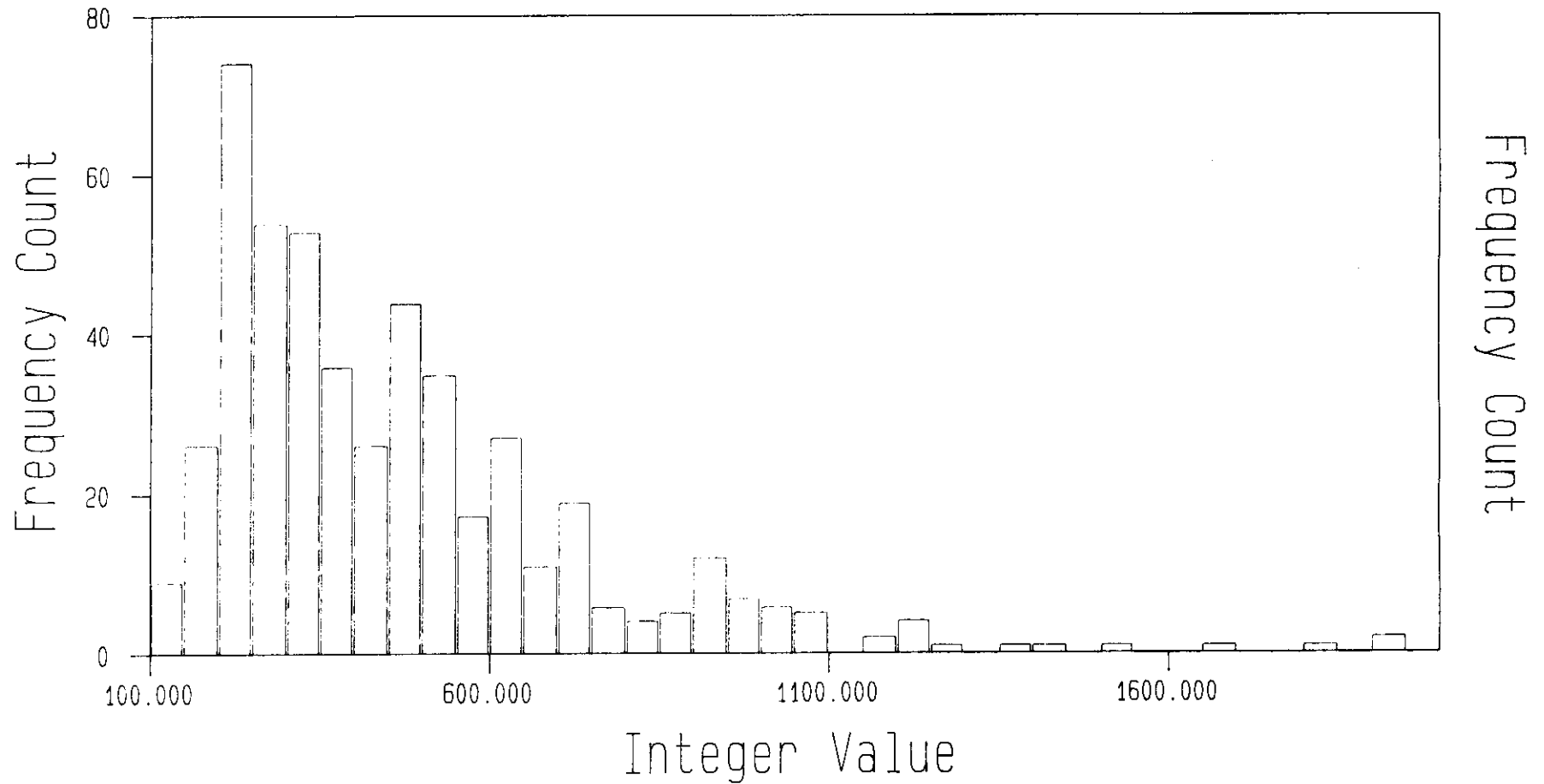
Normal Histogram

Zn data from contour sample prog



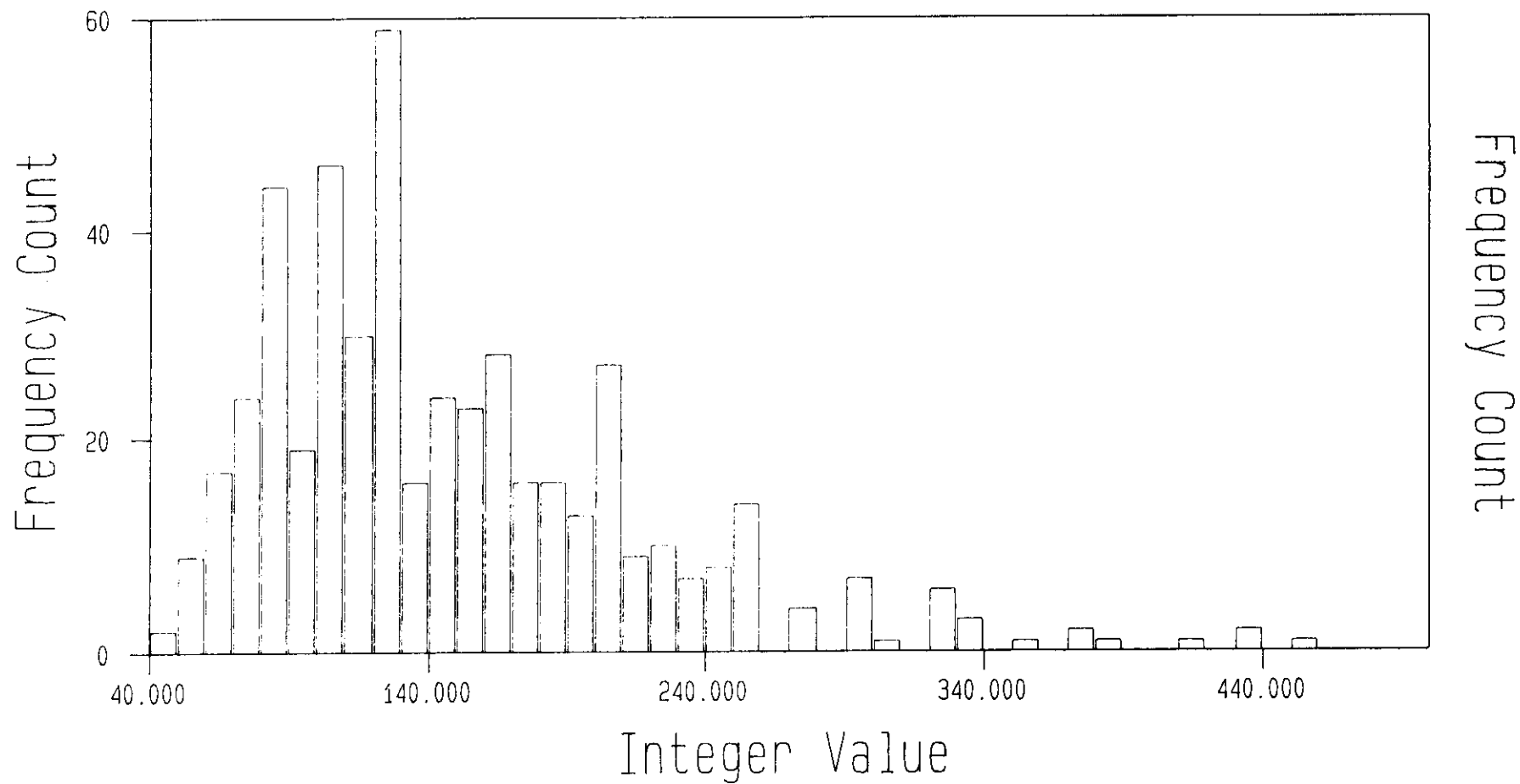
Normal Histogram

Mn contour geochem values



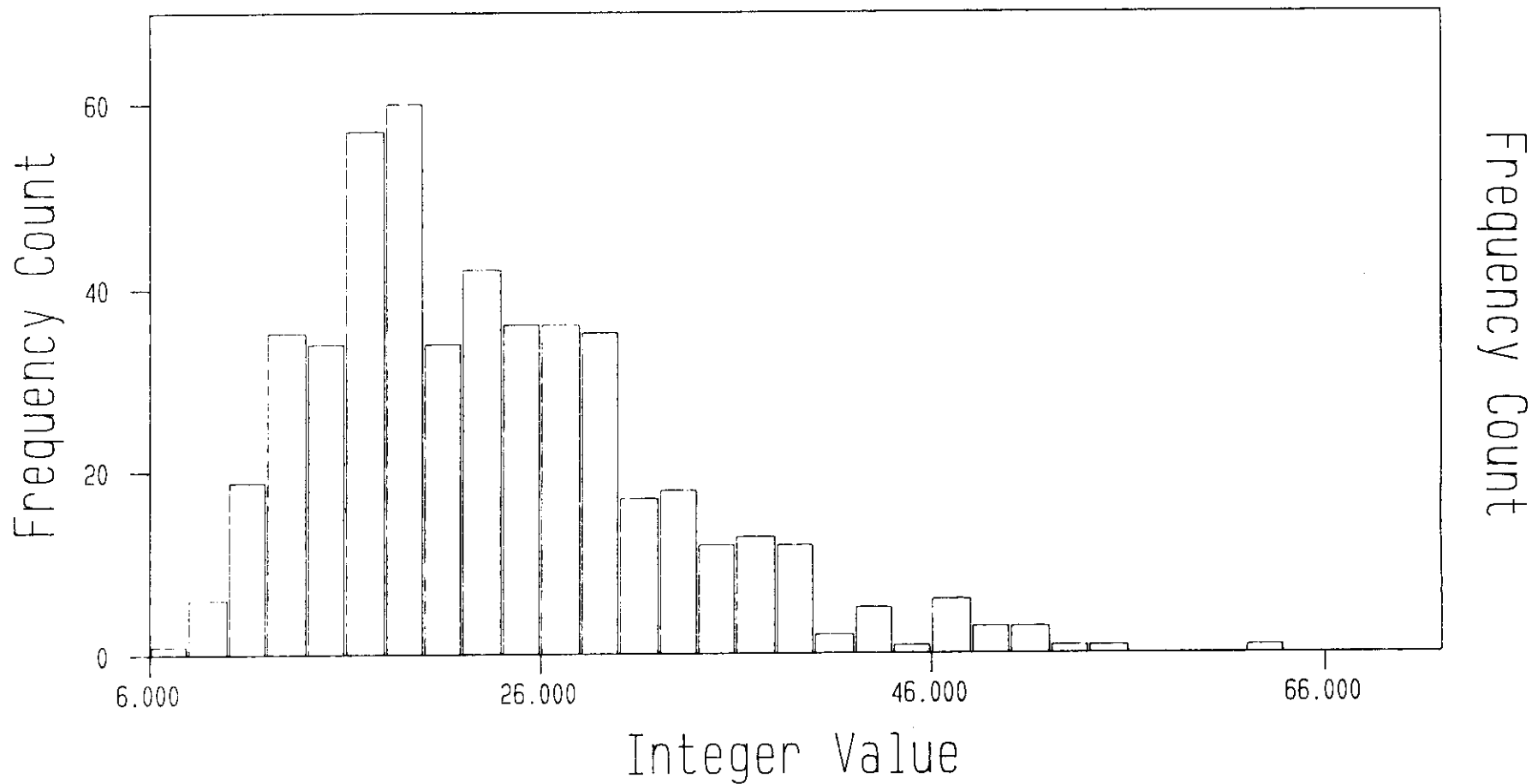
Normal Histogram

Ba contour geochem values



Normal Histogram

Sr contour geochem values



APPENDIX "C"

	LEO	SLOPE	SOILS	COLOR	TEXT
1200	1200				
"	1250				
"	1300				
	1350				
	1400				
	1450				
LE 13	3500N	-18W	B	RUSTY BRN	SILTY (ALDRIDGE O.C. NOTED)
	3450N	-24W	"	LT. BRN	" "
	3400N	"	"	RUSTY BRN	" ---
✓	3350N	-30W	"	"	MOTTLE SILTY O.C. (4-5)
	3300N	-35W	"	"	"
LE 13	3250N	✓ "	"	"	"
	3200N	"	"	"	"
	3150N	"	"	"	"
	3100N	"	"	BRN	"
	3050N	"	"	RUSTY BRN	"
	3000N	"	"	"	"
	2950N	"	"	"	TAWNS
✓	2900N	"	"	LT. OR BRN	MOTTLE SILTY O.C.
LE 13	2850N	"	"	"	TAWNS
	2800N	"	"	"	MOTTLE SILTY
	2750N	"	"	RUSTY BRN	"
	2700N	"	"	"	"
	2650N	"	"	"	MOTTLE SILTY O.C.
✓	2600N	"	"	LT. BRN	"
	2550N	"	"	BRN	"

LEO SOILS

72

DEPTH	HOURS	COLOR	TEXT	REMARKS
2500N	32W	B	OR BRN	STAY
2450N	30W	"	"	"
2400N	27W	"	"	"
2350N	"	"	"	"
2300N	30W	"	"	"
2250N	27W	"	"	"
2200N	(30W)	"	"	MAY BE SILTY CLAY
2150N	"	"	"	"
2100N	27W	"	"	"
2050N	"	"	"	"
2000N	"	"	"	"
1950N	"	"	"	"
1900N	25W	"	"	"
1850N	"	"	"	"
1800N	27W	"	"	"
1750N	"	"	BRN	"
250N				
300N				
350N				
400N				
450N				
500N				

DEPTH	HOURS	COLOR	TEXT	REMARKS
550N				
600N				
650N				
700N				
750N				
800N				
850N				
900N				
950N				
1000N				
1050N				
1100N				
1150N				
1200N				
1250N				
1300N				
1350N				
1400N				
1450N				
1500N	25 NE	B	BRN	CK/RS 50N ABOUT 125
1550N	"	"	"	"
1600N	"	"	"	"
1650N	"	"	RED- BRN	"
1700N	"	"	BRN	"
1750N	"	"	"	"
1800N	"	"	BLt OR BRN	SILTY CLAY

(7)

Time	Wind	Color	Form	Cloud	Temp	Humidity	Remarks
1050N	2N	B+C					
1000N	5NE	B					
950N	10NE	"					
900N	10E	"	LT BR	"			ABOVE ROAD
850N	"	"	"	"	"	"	"
800N	5E	"	"	"	"	"	"
750N	"	"	"	"	"	"	"
700N	"	"	"	"	"	"	"
650N	"	"	"	"	"	"	"
600N	"	"	W/TAN	"	"	"	"
550N	"	"	BRN	"	"	"	"
500N	"	"	"	"	"	"	"
450N	"	"	"	"	"	"	"
400N	"	"	"	"	"	"	"
350N	"	"	"	"	"	"	"
300N	"	"	"	"	"	"	"
250N	"	"	"	"	"	"	"
200N	"	(SILT)	TAN	"	"	"	200 YDS
150N	7E	B	GT BRN	SILTY			ABOVE RD
100N	"	"	"	"	"	"	"
50N	"	"	RUST BRN	"	"	"	"
0N	"	"	OR BRN	"	"	"	"

Time	Wind	Color	Form	Cloud	Temp	Humidity	Remarks
1100N	8SE	B	BRN	SILTY			BY RD
1150N	4E	"	"	"			ABOVE RD
1200N	4SE	"	"	"			"
1250N	"	"	"	"			"
1300N	"	"	LT BRN	"			"
1350N	"	"	"	"			"
1400N	"	"	"	"			"
1450N	4E	"	"	"			BEHIND RD
1500N	"	"	"	"			SOY BEANS PINES
1550N	"	"	OR BRN	SILTY			"
1600N	"	"	"	"			"
1650N	"	"	"	"			"
1700N	"	"	"	"			"
1385m	1750N	"	"	"			"
1400m	1800N	"	"	"			JOGGED W. SOY BEANS
1850N	"	?	GY	WASH			"
1900N	"	?	"	"			"
1950N	ENE	B	OR BRN	SILTY			BESIDE GOOD RD
2000N	"	"	"	"			JOGGED SOY BEANS N.W.
2050N	"	"	"	"			"
2100N	"	"	GY	WASH			"
2150N	"	?	GY	"			"
2200N	5E	B	OR BRN	SILTY			ABOVE CANYON
2250N	"	"	LT BRN	"			"
2300N	"	"	"	"			"
2350N	"	"	"	"			"

W16	DEPTH	DIRECTION	DIAMETER	COLOR	TEXTURE	REMARKS
2400	SE	B	OR. BRN	SILTY	ABOVE DIP & RO ROADS	
2450	"	"	"	"	"	
2500	"	"	"	"	"	
2550	"	"	GY-LT BRN	SANDY CLAYST	"	
2600	"	"	"	"	"	
2650	"	"	LT BRN	SILTY	JCN. "	
2700	"	"	"	"	BUSH	
2750	"	"	OR BRN	"	DRY CK.	
2800	"	"	"	"	DRY CK.	
2850	"	"	"	"	BUSH	
2900	"	"	"	"	"	
2950	"	"	"	"	"	
3000	"	"	"	"	"	
3050	"	"	"	"	"	
3100	"	"	"	"	"	
3150	"	"	"	"	"	
3200	"	"	"	"	"	
3250	"	"	"	"	"	
3300	"	"	"	"	"	
3350	"	"	"	"	"	
3400	"	"	"	"	"	
3450	"	"	"	"	"	
3500	"	"	"	"	"	

W16	DEPTH	DIRECTION	DIAMETER	COLOR	TEXTURE	REMARKS
1850	-3 NE	B	OR. BRN	SILTY		
1900	"	"	OR. BRN	SILTY	RD.	
1950	"	"	BRN	"	"	
2000	"	"	LT. BRN	SANDY SANDY	"	
2050	"	"	"	"	"	
2100	"	"	"	"	"	
2150	"	"	BRN	SILTY	"	
2200	"	"	RED BRN	"	"	
2250	"	"	BRN	"	"	
2300	"	"	DK BRN	SILTY LOAMY	"	
2350	"	"	"	"	"	
2400	"	"	BRN BL	"	BY " SIDE CK.	
2450	"	"	LT. BRN	SILTY SANDY	"	
2500	"	"	"	SILTY	"	
2550	"	"	LT. BRN OR. BRN	"	"	
2600	"	"	BLACK BRN	"	"	
2650	"	B ³	BLACK	SILTY CLAYST	"	
2700	"	"	"	"	ROCKY	
2750	"	"	BLK BRN	SILTY	"	
2800	"	"	"	"	"	
2850	"	"	OR BRN	"	"	
2900	"	"	"	"	"	
2950	-3 N	"	"	"	"	
3000	"	"	"	"	"	
3050	"	"	"	"	"	
3100	"	"	"	"	"	
3150	"	"	"	"	"	
3200	"	"	LT. BRN	"	"	

ALP
C6
C6
D.C.

WT	DEPTH	DIAMETER	TYPE	TEXT	REMARKS
LW16	3250N-3N	B	OR-BRN	SILTY	
	3300N	"	"	"	"
Pines	3350N	"	"	"	"
	3400N	"	"	"	"

ROAD CORNER L (E. 1650m)

WT	DEPTH	DIAMETER	TYPE	TEXT	REMARKS
E14	6000N	-75	B	OR-BRN	SILTY
	5950N	"	"	"	"
	5900N	"	"	"	"
	5850N	"	BRN	"	"
	5800N	"	OR-BRN	"	"
	5750N	"	LT-BRN	"	"
	5700N	"	OR-BRN	"	"
	5650N	"	OR-BRN	"	"
	5600N	"	LT-BRN	"	"
	5550N	"	LT-BRN	"	"
	5500N	"	OR-BRN	"	"

15

WT	DEPTH	DIAMETER	TYPE	TEXT	REMARKS
	1450N	-2N	BRN	SILTY	
	1400N	"	LT-BRN	"	"
	1350N	-3E	LT-BRN	"	"
	1300N	"	LT-BRN	"	"
	1250N	"	OR-BRN	"	SKID
	1200N	"	OR-BRN	"	"
	1150N	"	OR-BRN	"	"
	1100N	3E	OR-BRN	"	BY SKID
	1050N	"	LT-BRN	"	"
	1000N	"	"	"	"
	950N	"	"	"	"
	900N	"	"	"	"
	850N	"	"	"	"
	800N	"	OR-BRN	"	"
	750N	"	"	"	ADJ. SKID
	700N	-5E	"	"	SKID
	650N	"	OR-BRN	"	"
	600N	"	"	"	"
	550N	"	OR-BRN	"	"
	500N	"	"	"	"
	450N	"	"	"	"
	400N	"	"	"	"
	350N	"	"	"	"
	300N	"	"	"	"
	250N	"	"	"	"
	200N	"	"	"	"

LW16	SLOPE	HORIZ.	COLOR	TEXT	REMARKS
3000N	-6N	B	OR BRN	SILTY	ANDRE DAB
2950N	"	"	"	"	"
2900N	-2NE	"	"	"	"
2850N	"	"	"	"	"
2800N	-2E	"	"	"	"
2750N	"	"	"	"	"
2700N	-1E	"	"	"	"
2650N	"	"	"	"	"
2600N	0	"	"	"	"
2550N	-1E	"	"	"	"
2500N	-5E	"	"	"	"
2450N	-10E	"	"	"	"
2400N	-5E	"	"	"	"
2350N	-2E	"	KHAKI	SILTY CLAY	(H)
2300N	"	"	RUSTY	EXC. CUTLINE (E-W) JUST 5' OR (3)	"
2250N	"	"	"	"	"
2200N	-5E	"	OR BRN	"	"
2150N	-2E	"	OR BRN	"	"
2100N	"	"	BRN	"	"
2050N	"	"	KHAKI	"	"
2000N	"	"	"	"	"
1950N	"	"	"	"	"
1900N	"	"	OR BRN	"	"
1850N	"	"	"	"	"
1800N	"	"	"	"	"

25

LW16	SLOPE	HORIZ.	COLOR	TEXT	REMARKS
1750N	-3E	B	OR BRN	SILTY	"
1700N	"	"	"	"	"
1650N	-5E	"	LT BRN	SILTY	"
1600N	"	"	"	"	"
1550N	-4E	B	OR BRN	"	"
1500N	"	"	"	"	"
1450N	"	"	DK BRN	"	ANDRE
1400N	"	"	OR BRN	"	"
1350N	"	"	DK BRN	"	"
1300N	"	"	"	"	"
1250N	"	"	"	"	"
1200N	"	"	LT BRN	"	"
1150N	-8E	"	"	"	"
1100N	"	"	"	"	"
1050N	"	"	LT OR BRN	"	"
1000N	"	"	"	"	"
950N	"	"	"	"	"
900N	"	"	"	"	"
850N	"	"	"	"	"
800N	"	"	OR BRN	"	"
750N	"	"	"	"	"
700N	"	"	"	"	"
650N	"	"	"	"	"
600N	"	"	"	"	"
550N	"	"	"	"	"
500N	"	"	RUSTY BRN	"	GABBRON

27

Ln	17	400P	-10E	B	RUSTY BRN	SILT	GABBER
		350P	-5E	"	BRN	"	O.E.
		300P	"	"	"	"	"
		250P	"	"	"	"	GABBER O.E.
		200P	"	"	DR BRN	"	"
		150P	"	"	"	"	"
		100P	"	"	BRN	"	"
		50P	"	"	"	"	"
		DP	"	"	"	"	"

Ln	16	2250P	-7E	B	DR BRN	SILT	CLAY
		2300P	-5E	"	TAN KHAFT	SILT	"
		2350	"	"	"	"	"
		2400P	"	"	DR BRN	"	"
		2450P	"	"	"	"	"
		2500P	"	"	DR	"	"

Ln	16	ON	-4E	B	RUSTY BRN	SILT	NOMINALS
		50P	"	"	"	"	"
		100P	"	"	"	"	"
		150P	"	"	"	"	"
		200P	-5E	"	BRN	"	"
		250P	-5E	"	"	"	"
		300P	-3E	"	LT. BRN	"	"
		350P	"	"	LT. BRN YEL. SAND	"	"
		400P	"	"	DK. RUSTY BRN	"	"
		450P	"	"	DR BRN	"	CREEK
		500P	"	"	"	"	"
		550P	"	"	"	"	"
		600P	"	"	"	"	N. SIDE OF CREEK
		650P	"	"	"	"	CK. GULCH
		700P	"	"	RUSTY BRN	"	"
		750P	"	"	DR BRN	"	"
		800P	"	"	"	"	"
		850P	"	"	BRN	"	"
		900P	"	"	"	"	"
		950P	"	"	"	"	"
		1000P	"	B?	TAN KHAFT	CLAY	"
		1050P	"	Ø	"	SILT	"
		1100P	"	"	"	"	"
		1150P	"	"	RUSTY BRN	"	"
		1200P	"	"	"	"	"
		1250P	"	"	"	"	"
		1300P	"	"	"	"	"

	DEPTH	TEMP	COLOR	TEXT
LN 16, 1350N (SE)		B	DR. BRN	SILTY
1400N	"	"	LT. BRN / TAN	"
1450N	76	"	DR. RUSTY GRN	"
1500N	"	"	"	"
1550N	"	"	"	"
1600N	"	"	GT. BRN	"
1650N	"	"	LT. BRN	"
1700N	"	"	"	"
1750N	76	"	KHAKI	"
1800N	"	"	RUSTY BRN	"
1850N	"	"	BRN	"
1900N	"	"	"	"
1950N	"	"	"	"
2000N	"	"	"	"
2050N	"	"	"	"
2100N	"	"	GT. BRN	SM. CL.
2150N	"	"	"	"

DEPTH	TEMP	B	BRN	SILTY	APPEARANCE
LE 14, 1100N - 10W					
1050N	"	"	RUSTY BRN	"	"
1000N	"	"	LT. BRN	"	"
950N	"	"	"	"	"
900N	"	"	"	"	"
850N	"	"	"	"	"
CONT'D 800N	"	"	"	"	"
ON UPPER PORTION OF ROAD					
750N					
700N					
650N					
600N					
550N					
500N					
450N					
400N					
350N					
300N					
250N					
200N					
150N					
100N					
50N					
ON					

TIME	DEPTH	TEMP	WIND	WAVE	SEA	REMARKS
✓	1150N	-12W	BRN	SILTY	HAIRY SKIN	20
✓	1200N	"	B	OR BRN	"	"
✓	1250N	"	"	"	"	"
✓	1300N	"	"	"	"	"
✓	1350N	"	"	"	"	"
✓	1400N	"	"	"	"	"
✓	1450N	"	"	"	"	"
✓	1500N	"	"	"	"	"
✓	1550N	"	"	"	"	TAILS
✓	1600N	"	"	"	"	ROADS
✓	1650N	"	"	"	"	CONTOURING
✓	1700N	"	B	LT BRN	SILTY	TAILS
✓	1750N	"	B	LT BRN	SILTY	W. CUT (SUSPENSIC) PREVIOUS
✓	1800N	"	"	"	"	"
✓	1850N	"	"	"	"	PAINT SKIN
✓	1900N	"	"	"	"	"
✓	1950N	"	"	"	"	MARKERS
✓	2000N	"	"	"	"	FLOAT

TIME	DEPTH	TEMP	WIND	WAVE	SEA	REMARKS
✓	50N	"	B	OR BRN	SILTY	10M WAVE MAIN RD
✓	100N	"	"	"	"	"
✓	150N	"	"	"	"	"
✓	200N	"	"	"	"	CREEK
✓	250N	"	"	"	"	"
✓	300N	"	"	"	"	"
✓	350N	"	"	"	"	"
✓	400N	"	"	"	"	"
✓	450N	"	"	"	"	"
✓	500N	"	"	"	"	"
✓	550N	"	"	"	"	"
✓	600N	"	"	"	"	"
✓	650N	"	"	"	"	"
✓	700N	"	"	"	"	"
✓	750N	"	"	"	"	"
✓	800N	"	"	"	"	CREEK
✓	850N	"	"	"	"	"
✓	900N	"	"	"	"	"
✓	950N	"	B?	LT BRN	"	"
✓	1000N	"	B	LT BRN	"	"
✓	1050N	"	B?	LT BRN	"	"
✓	1100N	"	B	OR BRN	"	"
✓	1150N	"	"	"	"	"
✓	1200N	"	"	"	"	"
✓	1250N	"	"	"	"	"
✓	1300N	"	"	"	"	"

LE	SCORE	FORIE.	COLOR	TEXT	REMARKS
127-1350m	-12W	B	OR. BRN	SILTY	
1400m	"	"	"	"	"
1450m	"	B?	GY-TAN	SILTY CLAY	"
1500m	"	"	"	"	"
1550m	"	B	OR. BRN	SILTY	"
1600m	"	B?	GY-TAN	SILTY CLAY	"
1650m	"	"	"	"	"
1700m	-10W	B	OR. BRN	SILTY	"
1750m	"	B?	GY-TAN	SILTY CLAY	"
1800m	"	"	"	"	"
1850m	"	B	OR. BRN	SILTY	"
1900m	"	"	"	"	"
1950m	"	"	OR. BRN	"	"
2000m	"	"	OR. BRN	"	"
2050m	-8W	"	"	"	"
2100m	"	"	"	"	"

LE	SCORE	FORIE.	COLOR	TEXT	REMARKS
2200m	-7W	B	OR. BRN	SILTY	LOW E. SIDE
2250m	"	"	"	"	"
2300m	"	"	"	"	"
2350m	"	"	"	"	"
2400m	"	"	"	"	"
2450m	"	"	"	"	"
2500m	"	"	"	"	"
2550m	"	"	"	"	"
2600m	"	"	GY-TAN	SILTY	" (TAN)
2650m	"	"	"	"	"
2700m	"	"	"	"	"
2750m	"	"	"	"	"
2800m	"	B/C	GY	SILTY	20m E. SIDE OF RD
2850m	"	B	OR. BRN	SILTY	"
2900m	"	"	"	"	"
2950m	"	"	"	"	"
3000m	"	"	"	"	"
3050m	"	"	GY BRN	"	"
3100m	"	"	OR. BRN	"	"
3150m	"	"	"	"	"
3200m	"	"	"	"	"
3250m	"	"	TAN OR. + OR. BRN	SILTY	25m E. SIDE OF RD
3300m	"	"	OR. BRN	"	"
3350m	"	"	"	"	"
3400m	"	"	"	"	"
3450m	"	"	"	"	"

Remember
see 3
page 3

LE 14	SLOPE	HORIZ	COLOR	TEXT	REMARKS
6000					(6 PAGES BACK)
6050	-7SW	B	OR. BRN	SILTY	
6100	"	"	"	"	
6150	"	"	"	"	
6200	"	"	"	"	
6250	"	"	"	"	
6300	-10W	"	LT. BRN	"	ALDRIDGE O.C.
6350	"	"	LT. OR. BRN	"	
6400	"	"	"	"	
6450	"	"	"	"	
6500	-13W	"	OR. BRN	"	
6550	-7SW	"	"	"	
6600	"	"	"	"	
6650	-20W	"	"	"	
6700	-25W	"	TAN/BRN	"	
6750	-17W	"	RUST BRN	"	ALDRIDGE O.C.

LE 14	SLOPE	HORIZ	COLOR	TEXT	REMARKS
6850	-15W	B	BRN	SILTY	ALDRIDGE O.C.
6900	-2W	"	"	"	(340/25E)
6950	-18W	"	LT OR. BRN	"	CROSSING SW E-W RIDGES
7000	-12W	"	"	"	
7050	-10W	"	"	"	
7100	-20W	"	"	"	
7150	-15W	"	OR. BRN	"	
7200	-20W	"	"	"	
7250	"	"	"	"	
7300	"	"	"	"	
7350	"	"	"	"	
7400	"	"	"	"	
7450	"	"	"	"	
7500	-22W	"	"	"	
7550	-20NW	"	"	"	
7600	-15W	"	"	"	
7650	"	"	"	"	
7700	-10W	"	"	"	ALDRIDGE O.C. MARK
7750	"	"	"	"	
7800	-2W	"	"	"	BRN
7850	0	"	"	"	GRASS
7900	-3W	"	"	"	
7950	-5W	"	"	"	
8000	"	"	"	"	
8050	-7W	"	"	"	
8100	-8W	"	"	"	
8150	-15NW	"	"	"	

LE14	8200	-20NW	B	OR. BRN	SILTY	REMARKS
	8250	-20W	"	"	"	RIDGES
	8300	-25NW	"	LT. BRN	"	
	8350	"	"	"	"	
	8400	-20W	"	"	"	HEADNG. DUE N. TO OTHER BANK POST. OR N. GULLY
	8450	-30S	B	OR. BRN	"	S. SLOPE AD. RIDGES TALUS
	8500	"	"	LT. BRN	"	
	8550	-7S	"	"	"	
	8600	-17SW	B?	GY. BRN	"	
	8650	-5SW	"	"	"	
	8700	-7SW	"	TAN	"	
	8750	"	"	LT. OR. BRN	"	
	8800	-4SW	"	"	"	
	8850	"	"	"	"	
	8900	-10W	B?	GY. TAN	"	
	8950	"	"	"	"	

LE14	9050	-5W	B	OR. BRN	SILTY	REMARKS
	9100	"	"	"	"	
	9150	"	"	"	"	
	9200	"	"	"	"	
	9250	"	"	"	"	
	9300	-10W	"	"	"	
	9350	"	"	TAN/BRN	"	
	9400	-15W	"	BRN	"	
	9450	"	"	"	"	
	9500	"	"	"	"	AD. RIDGES
	9550	"	"	"	"	
	9600	"	"	LT. BRN	"	
	9650	-20W	"	"	"	
	9700	"	"	"	"	
	9750	-25W	"	"	"	
	9800	"	"	"	"	
	9850	"	"	OR. BRN	"	AD. RIDGES
	9900	-20W	"	"	"	D.C.
	9950	"	"	"	"	
	10000	"	"	"	"	

BL REE BROCKEN SURVEY ΔC
 ~3200W (ROAD) #90 30 23
 LE12

28000	-17E	D	OR	SINT	
27500	-20E	"	"	"	
27000	-17E	"	"	"	
26500	"	"	"	"	
26000	"	"	"	"	
25500	"	"	"	"	
25000	"	"	"	"	
24500	"	"	"	"	
24000	"	"	"	"	
23500	"	"	"	"	
23000	"	"	"	"	
22500	"	"	"	"	
22000	"	"	"	"	
21500	"	"	"	"	
21000	"	"	"	"	
20500	"	"	"	"	
20000	"	"	"	"	
19500	"	"	"	"	
19000	"	"	"	"	
18500	"	"	"	"	
18000	"	"	"	"	
17500	"	"	"	"	
17000	"	"	"	"	
16500	"	"	"	"	
16000	"	"	"	"	
15500	"	"	"	"	
15000	"	"	"	"	
14500	"	"	"	"	
14000	"	"	"	"	
13500	"	"	"	"	
13000	"	"	"	"	
12500	"	"	"	"	
12000	"	"	"	"	
11500	"	"	"	"	
11000	"	"	"	"	
10500	"	"	"	"	
10000	"	"	"	"	
9500	"	"	"	"	
9000	"	"	"	"	
8500	"	"	"	"	
8000	"	"	"	"	
7500	"	"	"	"	
7000	"	"	"	"	
6500	"	"	"	"	
6000	"	"	"	"	
5500	"	"	"	"	
5000	"	"	"	"	
4500	"	"	"	"	
4000	"	"	"	"	
3500	"	"	"	"	
3000	"	"	"	"	
2500	"	"	"	"	
2000	"	"	"	"	
1500	"	"	"	"	
1000	"	"	"	"	
500	"	"	"	"	
0	"	"	"	"	

21000	-15E	"	OR	GRW	"
20500	"	"	"	"	"
20000	-20E	"	"	"	GAS
19500	-25E	"	"	"	TRUS
19000	"	"	"	"	"
18500	-20E	"	"	"	"
18000	-10E	"	"	"	"
17500	-5E	"	"	"	"
17000	-7E	"	"	"	"
16500	-10E	"	"	"	"
16000	-15E	"	"	"	GAS
15500	"	"	"	"	DRY
15000	"	"	"	"	SULLY

EE. 1225

APPENDIX "D"



GEOCHEMICAL ANALYSIS CERTIFICATE

9-2-2



Kokanee Explorations Ltd. PROJECT LEO File # 92-1292 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1

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
LW17 3000N	1	28	18	107	.1	26	11	222	2.95	5	5	ND	6	12	.9	2	2	33	.15	.040	13	18	.69	74	.15	2	3.83	.02	.10	1
LW17 2950N	1	20	12	71	.1	9	3	198	3.17	2	5	ND	7	11	.5	2	2	30	.13	.031	12	15	.76	75	.22	2	1.83	.01	.35	1
LW17 2900N	1	15	17	65	.1	12	4	203	2.81	3	5	ND	3	9	.4	2	2	42	.14	.051	11	20	.78	49	.20	2	1.87	.01	.14	1
LW17 2850N	1	21	13	65	.1	14	5	147	3.39	8	5	ND	6	10	.5	2	2	36	.11	.090	10	16	.40	60	.16	2	2.92	.01	.12	1
LW17 2800N	1	25	24	103	.1	23	11	191	3.30	4	5	ND	6	13	.5	2	2	33	.19	.037	12	18	.70	82	.18	2	3.68	.02	.11	1
LW17 2750N	1	20	20	132	.1	19	9	262	3.59	5	5	ND	5	13	.8	2	2	36	.19	.043	11	22	1.17	79	.20	2	3.73	.02	.10	1
LW17 2700N	1	21	18	103	.1	23	9	212	3.61	6	5	ND	6	15	.9	2	2	38	.25	.026	18	21	.96	56	.19	2	3.15	.02	.13	1
LW17 2650N	1	19	21	117	.1	17	7	301	3.32	2	5	ND	5	15	.7	2	2	36	.22	.046	10	22	1.36	56	.17	2	3.57	.03	.15	1
LW17 2600N	1	30	20	121	.1	26	12	175	3.18	4	5	ND	5	12	.7	2	2	39	.16	.039	10	19	.52	88	.16	2	3.96	.02	.12	1
LW17 2550N	1	21	18	121	.1	19	9	249	3.22	3	5	ND	5	15	.7	2	2	33	.26	.047	11	19	.75	61	.15	2	3.70	.02	.13	1
LW17 2500N	1	22	21	145	.1	20	9	419	4.03	2	5	ND	6	13	.5	2	2	39	.18	.053	11	21	1.53	51	.18	2	3.89	.02	.14	1
LW17 2450N	2	36	21	194	.1	27	13	613	4.85	2	5	ND	7	17	.9	2	2	43	.26	.082	12	22	2.12	57	.19	2	4.36	.02	.22	1
LW17 2400N	1	22	24	127	.1	18	9	378	3.46	4	5	ND	3	10	.6	2	2	37	.16	.068	11	22	1.24	48	.16	2	3.17	.02	.11	1
LW17 2350N	1	24	16	100	.1	20	13	433	3.12	2	5	ND	1	20	.8	2	2	32	.53	.033	18	21	1.18	67	.13	2	2.61	.03	.11	1
LW17 2300N	1	19	19	103	.1	17	8	262	2.90	2	5	ND	4	12	.5	2	2	34	.20	.048	11	20	1.01	61	.16	2	3.19	.02	.09	1
LW17 2250N	1	19	20	110	.1	19	11	226	3.15	3	5	ND	5	15	.7	2	2	33	.25	.020	10	22	.99	59	.16	2	3.51	.03	.09	1
LW17 2200N	1	25	21	87	.1	19	9	229	3.23	2	5	ND	5	10	.7	3	2	38	.17	.033	12	23	.69	58	.14	2	3.27	.02	.12	2
LW17 2150N	1	23	18	77	.1	16	7	174	3.08	5	5	ND	4	11	.5	2	2	37	.17	.061	9	18	.49	70	.15	2	3.96	.02	.11	1
LW17 2100N	1	22	23	97	.1	18	10	277	2.80	3	5	ND	4	14	.7	2	2	33	.30	.033	16	16	.45	75	.17	2	2.29	.02	.13	1
LW17 2050N	1	42	21	104	.3	34	12	529	2.77	2	5	ND	1	26	.9	2	2	29	.44	.058	42	19	1.02	69	.11	2	3.17	.04	.08	1
LW17 2000N	1	34	21	75	.2	18	7	257	2.75	2	5	ND	1	20	.7	2	2	28	.29	.036	22	16	.71	57	.14	2	2.40	.02	.13	1
LW17 1950N	1	34	21	91	.1	19	12	680	2.67	2	5	ND	1	21	.6	2	2	32	.43	.034	24	19	.95	82	.14	2	2.53	.02	.09	1
LW17 1900N	1	26	14	128	.1	13	7	256	3.36	13	5	ND	4	19	.7	2	2	29	.26	.047	17	17	.89	117	.17	2	2.41	.01	.38	1
LW17 1850N	1	14	14	56	.1	7	3	113	2.29	4	5	ND	3	6	.4	2	3	27	.06	.061	7	12	.25	69	.16	2	1.73	.01	.11	1
LW17 1800N	1	30	29	135	.2	24	10	1249	3.42	3	5	ND	8	28	.6	2	3	34	.27	.054	22	23	1.69	151	.25	2	3.78	.04	.52	1
LW17 1750N	1	28	39	179	.1	30	15	606	3.94	2	5	ND	7	20	.8	3	2	38	.25	.066	13	23	1.49	124	.23	2	4.62	.03	.42	1
LW17 1700N	1	50	25	114	.6	31	18	708	3.28	5	5	ND	1	25	.9	2	2	30	.40	.051	51	16	.62	85	.15	2	2.75	.02	.14	2
LW17 1650N	1	30	27	106	.3	26	12	413	3.16	3	5	ND	4	15	.6	2	2	37	.24	.026	20	17	.72	66	.21	2	2.79	.02	.13	1
LW17 1600N	1	28	26	164	.2	23	17	1088	3.52	2	5	ND	4	14	.4	2	2	36	.17	.112	9	18	.65	89	.20	2	2.90	.02	.14	1
LW17 1550N	1	21	21	97	.2	18	12	508	3.21	4	5	ND	2	18	.6	2	2	34	.17	.078	15	13	.34	113	.20	2	2.09	.02	.12	1
LW17 1500N	1	27	26	110	.2	33	12	594	3.23	2	5	ND	3	17	.4	2	2	37	.16	.057	20	17	.55	112	.20	2	2.73	.03	.12	1
LW17 1450N	1	36	30	106	.2	35	18	905	3.36	5	5	ND	1	30	.8	2	2	41	.35	.042	29	18	.69	122	.15	2	2.78	.02	.13	1
LW17 1400N	1	28	26	167	.2	25	15	1266	3.00	2	5	ND	3	15	.6	2	2	33	.15	.099	18	16	.42	161	.18	2	2.34	.02	.12	1
LW17 1350N	2	63	29	107	.6	55	26	1825	3.21	3	5	ND	1	30	.9	2	2	37	.56	.056	70	21	.48	94	.13	2	2.94	.02	.19	1
LW17 1300N	1	49	26	94	.4	27	10	347	3.41	2	5	ND	1	31	.7	2	2	40	.37	.037	23	19	.57	119	.17	2	2.57	.02	.20	1
RE LW17 1500N	1	28	33	115	.2	34	13	600	3.35	2	5	ND	3	18	.5	2	2	38	.17	.058	21	17	.61	114	.20	2	2.85	.02	.14	1
LW17 1250N	1	43	28	93	.3	25	11	345	3.28	2	5	ND	2	17	.9	2	2	39	.16	.080	27	17	.42	96	.18	2	3.15	.02	.20	1
STANDARD C	19	58	42	131	7.3	71	31	1036	3.94	41	22	7	38	52	17.2	15	19	57	.48	.090	35	55	.88	177	.09	34	1.87	.07	.15	11

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 AU AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUN 4 1992 DATE REPORT MAILED: June 8/92 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



AA ANALYTICAL



AA ANALYTICAL

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
LW17 1200N	1	55	27	107	.3	31	14	323	3.63	4	5	ND	5	20	1.6	3	2	41	.22	.040	19	21	.65	115	.17	2	4.10	.02	.33	1
LW17 1150N	1	47	25	160	.3	27	19	703	3.71	3	5	ND	5	12	1.9	2	2	48	.12	.103	13	20	.47	149	.17	2	4.08	.02	.25	2
LW17 1100N	1	38	25	103	.3	20	9	259	3.17	2	5	ND	4	19	.5	2	2	42	.17	.040	18	15	.39	102	.20	2	2.78	.02	.19	1
LW17 1050N	1	38	23	82	.2	19	10	219	3.23	4	5	ND	4	18	.3	4	2	37	.17	.050	21	15	.39	76	.17	2	3.05	.02	.16	1
LW17 1000N	1	41	22	89	.1	21	10	328	3.09	3	5	ND	4	18	.2	2	2	36	.16	.037	17	15	.38	83	.18	2	2.63	.03	.15	1
RE LW17 800N	1	83	20	110	.1	26	25	509	3.45	5	5	ND	7	12	.9	2	2	47	.13	.044	22	20	.65	91	.16	2	3.88	.02	.27	1
LW17 950N	1	32	18	78	.1	19	9	343	2.89	4	5	ND	5	12	.3	2	2	36	.14	.058	16	16	.43	85	.15	2	2.90	.02	.17	1
LW17 900N	1	47	18	77	.2	20	13	293	2.68	2	5	ND	5	12	.4	3	2	37	.11	.032	16	16	.41	82	.17	3	2.66	.02	.14	1
LW17 850N	1	35	20	97	.1	17	11	324	3.13	3	5	ND	4	15	.2	2	2	42	.17	.048	11	15	.39	83	.17	2	2.62	.02	.15	1
LW17 800N	1	83	20	108	.1	26	25	502	3.42	2	5	ND	7	12	1.1	2	2	48	.13	.045	22	21	.65	90	.16	2	3.83	.02	.27	1
LW17 750N	1	48	24	94	.1	19	12	264	3.35	2	5	ND	4	16	.8	2	2	41	.19	.032	12	16	.48	75	.17	2	2.91	.02	.14	1
LW17 700N	1	86	26	96	.3	22	32	1141	3.29	2	5	ND	5	15	.6	2	2	47	.14	.061	21	17	.40	133	.18	2	2.91	.03	.19	1
LW17 650N	1	111	23	101	.2	27	22	543	3.36	4	5	ND	7	18	.8	2	2	45	.19	.039	17	17	.45	110	.19	2	4.11	.02	.18	1
LW17 600N	1	62	18	87	.1	20	11	330	2.99	2	5	ND	6	13	.2	2	2	37	.18	.052	14	18	.73	84	.16	2	3.15	.02	.17	1
LW17 550N	1	127	19	87	.1	20	8	230	2.88	2	5	ND	6	14	.2	2	2	36	.17	.097	13	15	.54	69	.15	2	2.71	.01	.18	1
LW17 500N	1	101	20	62	.1	19	15	289	3.03	2	5	ND	5	10	.2	2	2	44	.12	.026	16	14	.38	90	.17	2	2.58	.02	.12	1
LW17 450N	1	164	20	61	.3	19	32	425	2.85	2	5	ND	4	12	.2	2	2	40	.14	.024	12	16	.39	99	.20	2	2.28	.02	.13	1
LW17 400N	1	155	34	113	.4	28	20	1972	3.11	2	5	ND	7	28	1.0	3	3	45	.23	.154	58	17	.42	299	.16	3	3.87	.05	.27	1
LW17 350N	1	111	19	66	.1	19	15	329	2.91	2	5	ND	5	12	.2	2	2	41	.15	.028	18	15	.38	112	.18	2	2.79	.02	.15	1
LW17 300N	1	153	21	52	.2	14	17	436	2.46	2	5	ND	4	12	.2	2	2	37	.13	.031	18	13	.21	102	.14	2	1.99	.01	.12	1
LW17 250N	1	155	20	105	.1	20	16	795	3.00	2	5	ND	3	14	.3	2	2	49	.20	.069	16	14	.46	133	.16	2	2.24	.02	.18	1
LW17 200N	1	55	12	90	.2	17	13	266	3.00	2	5	ND	3	13	.2	2	2	54	.17	.043	8	11	.30	154	.16	2	3.14	.02	.14	1
LW17 150N	1	44	9	98	.3	15	17	726	3.16	2	5	ND	2	13	.2	2	2	68	.21	.061	5	8	.16	102	.15	2	3.89	.02	.10	1
LW17 100N	1	104	12	112	.3	19	24	620	4.11	2	5	ND	3	17	3.1	2	2	100	.32	.038	10	11	.46	230	.19	2	2.63	.03	.19	1
LW17 50N	1	99	15	77	.3	20	14	239	3.45	2	5	ND	4	11	.8	3	2	72	.20	.040	9	12	.39	125	.18	2	3.49	.03	.16	1
LW17 0N	1	59	14	71	.1	14	10	230	3.05	2	5	ND	3	12	.2	2	2	63	.28	.052	8	11	.23	74	.14	2	2.73	.02	.10	1
LW16 2500N	1	51	20	97	.4	26	16	709	2.90	2	5	ND	6	17	.3	3	2	44	.30	.037	24	22	.90	109	.17	2	3.62	.02	.27	1
LW16 2450N	1	45	19	83	.1	26	13	320	2.99	3	5	ND	6	17	.2	2	2	40	.30	.039	15	23	.97	120	.17	2	3.38	.02	.32	1
LW16 2400N	1	55	22	80	.2	28	19	484	3.07	2	6	ND	5	17	.3	4	2	41	.27	.034	23	22	.70	81	.15	2	3.43	.02	.27	1
LW16 2350N	1	59	18	70	.1	27	14	219	2.92	4	5	ND	7	19	.2	2	2	39	.28	.025	17	22	.69	88	.15	2	3.19	.02	.33	1
LW16 2300N	1	68	17	78	.3	28	16	556	3.26	2	5	ND	3	22	.7	2	2	44	.34	.028	38	22	.53	86	.16	2	3.15	.02	.24	1
LW16 2250N	1	95	25	104	.6	47	24	792	4.09	5	5	ND	5	26	3.4	2	2	45	.49	.043	43	25	.62	83	.15	2	4.22	.02	.33	1
LW16 2200N	1	38	14	56	.1	21	10	247	2.41	2	5	ND	4	16	.2	2	2	33	.26	.017	19	23	.81	91	.14	2	2.50	.02	.39	1
LW16 2150N	1	56	24	96	.4	31	19	720	3.33	2	5	ND	5	25	1.1	2	2	42	.54	.034	33	22	.64	107	.16	3	3.29	.02	.27	1
LW16 2100N	1	63	23	87	.2	31	18	613	3.18	2	5	ND	3	16	.5	2	2	38	.29	.048	42	23	.65	77	.13	2	3.29	.02	.31	1
LW16 2050N	1	55	22	60	.2	23	9	192	2.56	2	5	ND	2	20	.5	3	2	32	.41	.029	31	18	.39	75	.13	2	2.02	.02	.18	1
LW16 2000N	1	65	21	71	.4	26	9	278	3.04	5	5	ND	1	23	.2	2	2	33	.37	.034	53	19	.40	105	.14	2	2.88	.02	.25	1
STANDARD C	19	57	43	131	7.1	71	31	1029	3.92	41	20	7	38	52	16.7	15	20	56	.47	.089	37	54	.87	176	.09	34	1.87	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACHE ANALYTICAL



ACHE ANALYTICAL

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
LW16 1950N	1	46	26	93	.5	34	16	402	3.23	3	5	ND	6	24	.2	2	2	33	.28	.027	52	21	.71	123	.16	2	3.12	.02	.32	1
LW16 1900N	1	38	22	79	.1	18	7	216	2.72	2	5	ND	3	17	.2	2	2	37	.20	.032	21	16	.40	93	.16	3	2.28	.02	.13	1
LW16 1850N	1	33	18	69	.1	15	8	538	2.03	2	5	ND	4	15	.2	2	2	26	.18	.038	39	14	.41	96	.14	2	2.02	.02	.14	1
LW16 1800N	1	41	19	52	.2	15	8	198	2.55	2	5	ND	3	11	.2	2	2	29	.10	.037	25	12	.27	63	.15	2	2.68	.02	.14	2
LW16 1750N	1	39	16	81	.1	19	9	234	2.76	2	5	ND	4	16	.2	2	2	33	.18	.025	18	17	.50	99	.17	3	2.49	.02	.25	1
LW16 1700N	1	42	21	81	.3	22	11	232	2.88	4	5	ND	4	22	.2	2	2	41	.28	.025	15	18	.55	87	.15	2	2.74	.02	.13	1
LW16 1650N	1	35	19	81	.1	18	8	272	2.65	2	5	ND	4	13	.2	2	2	38	.15	.029	17	15	.42	81	.16	2	2.29	.02	.14	1
LW16 1600N	1	44	20	97	.3	24	11	238	3.06	3	5	ND	6	16	.2	3	2	43	.17	.033	17	18	.59	100	.20	4	2.82	.02	.18	1
LW16 1550N	1	52	19	74	.1	24	10	235	2.73	3	5	ND	5	14	.2	2	2	38	.20	.027	18	20	.83	103	.16	2	2.75	.02	.31	1
LW16 1500N	1	42	15	105	.4	21	16	507	2.91	2	5	ND	4	16	.2	4	2	41	.24	.057	14	17	.45	106	.14	2	3.44	.02	.16	1
LW16 1450N	1	38	17	57	.2	17	10	203	2.39	2	5	ND	6	18	.2	2	2	31	.25	.027	14	15	.47	81	.15	2	2.62	.02	.21	1
LW16 1400N	1	43	17	68	.1	20	9	227	2.55	4	5	ND	6	19	.2	2	2	34	.23	.025	15	18	.71	82	.14	2	2.54	.02	.30	2
LW16 1350N	1	53	29	157	.5	29	40	2041	3.64	2	5	ND	4	29	.6	4	2	44	.36	.079	19	19	.53	141	.17	3	4.00	.02	.23	1
LW16 1300N	1	36	19	127	.4	20	15	596	3.01	3	5	ND	4	29	.3	2	2	39	.34	.101	12	14	.38	135	.16	3	3.47	.02	.14	1
LW16 1250N	1	76	21	122	.3	32	15	517	3.58	7	5	ND	6	26	1.0	3	2	48	.27	.038	25	21	.89	125	.17	3	3.86	.02	.29	1
LW16 1200N	1	34	18	93	.2	20	15	258	3.30	6	5	ND	5	16	.5	4	2	39	.18	.078	11	15	.41	93	.17	3	3.91	.02	.12	1
LW16 1150N	1	58	16	93	.1	23	12	236	2.98	2	5	ND	5	15	.2	2	2	41	.17	.034	16	14	.43	80	.17	2	3.20	.02	.16	1
RE LW16 1300N	1	34	17	120	.5	18	14	556	2.84	2	5	ND	4	28	.2	4	2	37	.32	.097	11	14	.36	128	.16	3	3.31	.02	.14	2
LW16 1100N	1	45	11	70	.1	17	8	241	2.31	2	5	ND	4	17	.2	2	2	36	.26	.020	17	17	.70	73	.14	4	2.16	.02	.17	1
LW16 1050N	1	38	13	79	.2	20	12	215	2.55	3	5	ND	5	12	.2	2	2	35	.16	.064	12	13	.42	79	.14	2	3.33	.02	.15	1
LW16 1000N	1	44	13	51	.1	15	7	190	2.11	4	5	ND	4	14	.2	2	2	32	.22	.013	14	18	.64	61	.15	2	1.98	.02	.27	1
LW16 950N	1	154	17	102	.1	34	21	753	3.54	2	5	ND	4	26	.7	3	2	49	.26	.036	27	19	.64	125	.15	3	3.99	.02	.24	1
LW16 900N	1	113	11	118	.1	28	28	665	3.31	2	5	ND	5	13	.4	4	2	67	.16	.038	16	14	.37	102	.17	3	3.41	.02	.13	1
LW16 850N	1	102	11	64	.1	22	9	206	2.60	2	5	ND	3	16	.3	2	2	40	.23	.019	12	18	.67	68	.13	2	2.47	.01	.19	1
LW16 800N	1	61	16	86	.1	21	10	181	2.87	5	5	ND	7	10	.2	3	2	43	.14	.079	13	15	.41	73	.16	2	3.69	.02	.14	1
LW16 750N	1	76	14	75	.1	17	9	219	3.45	4	5	ND	4	17	.7	2	2	55	.27	.051	10	16	.41	72	.15	2	2.48	.02	.13	1
LW16 700N	1	49	13	90	.1	16	10	190	2.61	2	5	ND	3	17	.2	3	2	39	.26	.046	16	13	.37	97	.13	3	2.66	.02	.11	1
LW16 650N	1	38	12	69	.1	12	8	202	2.44	3	5	ND	3	20	.2	2	2	40	.34	.027	10	12	.39	117	.15	2	1.91	.02	.13	1
LW16 600N	1	29	13	85	.1	15	12	173	3.20	4	5	ND	3	14	.3	2	2	49	.18	.057	6	9	.20	87	.18	2	3.24	.02	.10	1
LW16 550N	1	56	8	130	.6	13	28	977	4.72	2	5	ND	3	13	2.7	8	2	124	.21	.063	6	7	.37	192	.22	3	3.51	.03	.34	2
LW16 500N	1	94	11	126	.3	21	20	322	4.51	2	5	ND	4	17	2.0	2	2	99	.29	.035	8	9	.67	204	.23	2	2.63	.02	.41	1
LW16 450N	1	57	12	101	.2	17	14	237	3.77	4	5	ND	4	15	.8	2	2	76	.24	.079	7	10	.40	113	.17	2	3.64	.02	.22	1
LW16 400N	1	48	9	118	.2	15	14	599	3.69	5	5	ND	4	9	.9	2	2	68	.21	.134	10	11	.34	101	.17	3	2.61	.02	.16	1
LW16 350N	1	54	11	72	.1	12	10	198	2.69	3	5	ND	5	11	.2	2	2	47	.22	.046	12	11	.46	125	.15	2	2.04	.02	.23	1
LW16 300N	1	38	10	91	.1	11	11	274	2.97	3	5	ND	3	10	.2	2	2	43	.23	.168	8	9	.24	100	.14	2	2.30	.03	.16	2
LW16 250N	1	127	17	99	.5	20	18	624	4.17	2	5	ND	4	18	1.5	2	2	56	.26	.044	35	13	.43	228	.19	2	3.23	.03	.22	1
LW16 200N	1	82	14	126	.3	22	21	737	4.78	2	5	ND	4	16	2.4	6	2	70	.22	.048	20	13	.45	169	.21	3	3.61	.03	.26	1
STANDARD C	19	62	38	132	7.3	73	31	1041	3.96	41	22	7	39	52	17.2	15	20	56	.48	.089	35	54	.89	178	.09	34	1.89	.07	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACME ANALYTICAL



ACME ANALYTICAL

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
LW16 150N	1	57	11	119	.1	13	15	603	3.71	2	5	ND	4	11	.8	2	2	45	.22	.112	13	8	.27	157	.16	3	3.50	.03	.24	1
LW16 100N	1	57	10	132	.3	12	19	314	4.92	2	5	ND	3	14	2.0	2	2	45	.38	.064	10	7	.41	191	.19	3	2.78	.04	.47	1
LW16 50N	1	46	5	154	.2	10	16	571	4.10	2	5	ND	3	9	1.1	2	2	47	.30	.150	8	7	.32	150	.17	3	2.92	.04	.26	1
RE LW15 3300N	1	49	17	85	.2	28	15	458	3.00	2	5	ND	3	19	.2	2	2	46	.26	.039	12	25	.45	128	.15	3	3.59	.02	.17	1
LW16 0N	1	36	7	138	.2	11	15	460	3.29	2	5	ND	3	9	.2	2	2	39	.22	.168	7	9	.21	116	.15	3	2.88	.03	.18	1
LW15 3400N	1	33	10	65	.2	18	9	125	2.25	2	6	ND	5	9	.2	2	2	34	.13	.075	9	15	.21	80	.13	2	3.45	.03	.10	1
LW15 3350N	1	17	12	57	.3	11	8	244	2.26	2	5	ND	3	10	.2	2	2	34	.11	.088	5	11	.11	71	.13	2	3.72	.02	.05	1
LW15 3300N	1	45	16	80	.2	27	14	420	2.79	2	5	ND	3	18	.2	2	2	43	.24	.038	11	24	.42	120	.14	2	3.35	.02	.17	1
LW15 3250N	1	35	12	46	.2	16	10	166	2.16	2	5	ND	5	11	.2	2	2	33	.11	.059	9	13	.16	81	.13	3	3.38	.02	.08	1
LW15 3200N	1	34	9	46	.1	17	8	189	1.96	2	5	ND	4	8	.2	2	2	30	.13	.055	11	17	.21	80	.11	2	2.27	.02	.11	1
LW15 3150N	1	54	12	84	.4	30	12	415	2.83	2	5	ND	6	12	.2	2	2	39	.14	.074	12	20	.28	150	.16	3	4.36	.02	.17	1
LW15 3100N	1	17	11	31	.1	10	7	201	1.60	2	5	ND	2	10	.2	2	2	28	.16	.018	9	12	.11	93	.11	2	1.82	.02	.06	1
LW15 3050N	1	23	13	91	.1	15	8	452	2.08	3	5	ND	3	11	.2	2	2	29	.18	.027	13	14	.17	141	.12	2	2.17	.02	.09	1
LW15 3000N	1	19	16	52	.1	13	6	397	1.86	2	5	ND	1	14	.2	2	3	28	.24	.029	13	14	.16	112	.12	2	1.56	.02	.09	1
LW15 2950N	1	36	18	99	.3	19	12	1041	2.41	2	5	ND	2	12	.2	2	2	37	.19	.062	15	17	.19	118	.14	2	2.76	.02	.12	1
LW15 2900N	1	27	19	89	.2	17	9	442	2.50	2	5	ND	2	18	.2	2	2	39	.28	.071	10	20	.21	126	.12	2	1.90	.02	.12	1
LW15 2850N	1	49	34	96	.3	25	19	463	2.88	2	5	ND	3	17	.3	2	2	39	.27	.042	19	21	.35	104	.14	2	2.73	.02	.20	1
LW15 2800N	1	33	9	47	.1	21	8	155	2.08	2	5	ND	1	14	.2	2	2	29	.29	.026	13	22	.38	80	.09	2	1.90	.02	.13	1
LW15 2750N	1	56	22	73	.3	25	10	234	2.52	2	5	ND	1	24	.4	2	2	36	.34	.030	14	21	.20	110	.13	2	2.55	.02	.18	1
LW15 2700N	1	51	25	98	.2	31	27	1563	2.32	3	5	ND	1	26	.7	2	2	36	.39	.054	26	22	.33	123	.09	2	2.73	.02	.20	1
LW15 2650N	1	111	41	157	.8	69	29	1676	4.04	2	5	ND	2	31	2.0	2	2	53	.56	.062	42	32	.52	149	.14	2	4.10	.03	.38	1
LW15 2600N	1	37	15	66	.2	25	12	341	2.24	2	5	ND	3	17	.2	2	2	28	.36	.034	30	18	.37	73	.12	2	2.22	.02	.16	1
LW15 2550N	1	44	17	66	.1	27	13	222	2.49	2	5	ND	3	17	.2	2	2	36	.32	.028	25	22	.40	99	.11	2	2.66	.02	.21	1
LW15 2500N	1	74	23	80	.5	29	12	356	3.19	2	5	ND	2	25	.5	2	2	41	.51	.046	26	23	.39	93	.12	2	2.66	.02	.29	1
LW15 2450N	1	45	15	53	.1	23	10	237	2.26	3	5	ND	3	13	.2	2	2	34	.23	.026	15	23	.41	75	.11	2	2.62	.02	.28	1
LW15 2400N	1	97	26	66	.6	25	25	693	2.59	3	5	ND	2	18	.2	2	2	42	.22	.042	39	20	.33	89	.12	3	3.34	.02	.17	1
LW15 2350N	1	73	21	83	.4	32	19	578	3.26	2	5	ND	3	18	.5	2	2	48	.23	.040	20	23	.40	105	.14	3	3.68	.02	.21	1
LW15 2300N	1	70	28	102	.9	33	18	597	3.22	3	5	ND	3	24	.8	2	2	40	.36	.042	26	24	.45	107	.14	2	3.11	.02	.28	1
LW15 2250N	1	40	10	48	.1	19	9	144	1.84	2	5	ND	3	11	.2	2	2	28	.20	.032	13	16	.30	59	.10	2	1.98	.02	.13	1
LW15 2200N	1	81	24	85	.3	47	18	381	4.12	6	8	ND	4	31	1.3	2	2	56	.30	.042	14	28	.47	245	.19	2	5.68	.03	.41	1
LW15 2150N	1	56	23	82	.5	31	18	606	3.53	4	5	ND	3	19	.6	2	2	49	.25	.039	22	21	.38	129	.18	2	3.90	.03	.21	1
LW15 2100N	1	33	15	63	.1	22	10	227	2.43	2	5	ND	3	11	.2	2	2	36	.19	.038	14	18	.46	88	.13	2	2.70	.02	.16	1
LW15 2050N	1	28	14	74	.1	16	10	218	2.26	2	5	ND	3	12	.2	2	2	31	.18	.110	11	14	.27	77	.14	3	3.09	.02	.13	1
LW15 2000N	1	38	16	71	.1	21	12	205	2.31	2	5	ND	6	12	.2	2	2	34	.20	.032	19	20	.43	91	.13	3	2.29	.02	.15	1
LW15 1950N	1	27	20	60	.2	15	9	185	2.60	2	5	ND	3	12	.2	2	2	35	.14	.066	10	14	.27	61	.16	3	3.68	.02	.11	1
LW15 1900N	1	22	16	75	.4	15	8	546	2.15	2	5	ND	3	22	.2	2	2	32	.27	.034	11	15	.32	123	.15	2	2.14	.02	.12	1
LW15 1850N	1	74	23	85	.5	40	16	423	3.34	2	5	ND	4	28	.6	2	2	47	.52	.039	50	28	.63	106	.13	3	3.52	.02	.35	1
STANDARD C	20	62	42	131	7.5	74	31	1050	3.98	41	22	8	40	52	17.4	15	20	61	.48	.091	36	55	.89	179	.09	35	1.89	.07	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LW15 1800N	1	87	32	102	.5	41	21	833	3.84	4	5	ND	5	29	3.1	2	2	47	.42	.041	53	26	.60	134	.16	2	4.02	.03	.29	1
LW15 1750N	1	44	22	121	.1	26	15	530	3.03	3	5	ND	4	16	.5	2	2	39	.24	.049	26	23	.60	89	.15	2	3.30	.02	.31	1
LW15 1700N	1	75	29	119	.2	36	21	669	3.75	6	5	ND	3	20	2.3	2	2	48	.25	.044	27	27	.68	123	.16	2	4.14	.02	.43	1
LW15 1650N	1	65	22	169	.4	49	21	513	4.61	4	5	ND	7	27	3.6	2	2	60	.29	.057	31	31	.71	147	.21	2	5.15	.03	.47	2
LW15 1600N	1	66	22	105	.3	33	17	1133	3.36	2	5	ND	5	20	1.0	2	2	48	.25	.053	25	27	.75	115	.15	2	3.75	.03	.44	1
LW15 1550N	1	60	23	78	.3	29	17	914	2.92	5	5	ND	4	21	.3	2	2	43	.30	.034	25	24	.50	98	.13	2	3.24	.02	.19	1
LW15 1500N	1	36	21	89	.2	25	13	375	3.28	2	5	ND	9	19	.8	2	3	39	.26	.018	28	24	1.57	89	.17	2	3.60	.02	.71	1
LW15 1450N	1	73	23	102	.3	34	16	394	3.74	2	5	ND	6	25	2.3	2	2	46	.29	.044	17	21	.47	129	.19	2	3.70	.03	.28	1
LW15 1400N	1	59	14	104	.1	30	14	277	2.98	2	5	ND	3	21	.2	5	2	45	.27	.030	17	21	.46	151	.15	2	3.15	.02	.23	2
LW15 1350N	1	51	19	77	.1	23	13	575	2.66	2	5	ND	2	20	.2	2	2	41	.26	.031	16	18	.35	123	.13	2	2.50	.02	.15	1
LW15 1300N	1	64	21	87	.3	26	11	337	3.02	2	5	ND	4	21	.5	2	2	42	.30	.035	20	20	.45	88	.17	2	3.09	.02	.22	1
LW15 1250N	1	52	21	81	.2	30	18	1015	3.13	2	5	ND	3	23	.5	2	2	35	.31	.050	26	23	.44	87	.13	2	3.86	.04	.28	1
LW15 1200N	1	58	18	67	.1	27	13	265	2.82	2	5	ND	4	19	.2	2	2	39	.30	.026	21	21	.51	78	.13	2	3.09	.02	.23	1
LW15 1150N	1	51	16	73	.1	22	9	167	2.98	2	5	ND	2	19	.2	2	2	39	.27	.027	19	18	.52	80	.15	2	2.58	.02	.16	1
RE LW15 900N	1	48	25	73	.3	22	17	379	2.64	2	5	ND	7	22	.3	2	2	33	.33	.021	26	16	.58	90	.17	2	3.02	.02	.18	1
LW15 1100N	1	42	19	106	.2	25	13	329	3.17	2	5	ND	3	19	.3	2	2	41	.22	.051	14	17	.45	122	.18	2	2.70	.02	.15	1
LW15 1050N	1	38	14	86	.1	24	15	946	2.37	2	5	ND	4	16	.2	2	2	37	.21	.032	19	18	.53	110	.14	2	2.38	.02	.15	1
LW15 1000N	1	56	29	108	.2	33	20	469	3.42	2	5	ND	5	19	1.3	5	2	46	.26	.035	25	19	.47	123	.17	2	3.65	.02	.26	1
LW15 950N	1	55	26	84	.3	31	14	326	3.27	2	5	ND	7	17	.9	2	2	39	.22	.035	27	17	.42	101	.20	2	3.39	.03	.22	1
LW15 900N	1	50	25	74	.4	22	17	380	2.64	2	5	ND	8	22	.2	2	2	33	.34	.022	27	16	.60	90	.17	2	3.04	.03	.19	1
LW15 850N	1	34	16	110	.1	28	14	564	2.73	2	5	ND	4	17	.3	2	2	37	.28	.031	18	18	.64	107	.17	2	2.86	.02	.16	1
LW15 800N	1	30	16	93	.1	17	9	257	2.38	2	5	ND	4	15	.2	2	2	29	.21	.035	15	16	.65	96	.14	2	2.25	.02	.18	1
LW15 750N	1	33	23	86	.1	24	13	495	2.75	2	5	ND	3	22	.2	2	2	32	.27	.024	34	17	.45	121	.13	2	2.61	.01	.21	1
LW15 700N	1	18	16	74	.1	11	7	383	1.91	2	5	ND	2	17	.2	2	2	27	.22	.051	9	12	.21	99	.12	2	2.30	.02	.07	1
LW15 650N	1	22	22	114	.1	14	10	315	2.54	2	5	ND	3	17	.4	2	2	30	.23	.059	10	14	.47	107	.15	2	2.51	.02	.12	1
LW15 600N	1	36	22	69	.2	25	10	552	2.34	2	5	ND	3	34	.3	3	2	27	.48	.040	35	17	.66	117	.12	2	3.52	.02	.27	1
LW15 550N	1	31	34	83	.1	18	16	560	3.13	3	5	ND	4	19	.4	2	2	36	.24	.023	25	16	.55	85	.17	2	2.65	.01	.27	1
LW15 500N	1	37	19	80	.1	16	11	457	2.46	2	5	ND	5	12	.2	3	2	32	.15	.030	19	16	.66	89	.16	2	2.56	.02	.24	1
LW15 450N	1	31	18	123	.2	21	14	268	2.89	2	5	ND	5	23	.3	2	2	31	.26	.071	15	13	.42	123	.16	2	3.97	.02	.15	1
LW15 400N	1	31	16	66	.1	14	8	259	2.05	2	5	ND	5	17	.2	3	2	28	.23	.091	13	14	.49	110	.12	2	2.00	.01	.18	1
LW15 350N	1	59	25	83	.3	22	11	534	2.78	2	5	ND	3	20	.2	2	2	32	.19	.032	27	16	.65	108	.14	2	2.94	.02	.25	1
LW15 300N	1	61	31	97	.2	27	16	579	3.02	2	5	ND	5	19	.2	2	2	33	.20	.029	23	18	.76	118	.14	2	3.15	.01	.29	1
LW14 3000N	1	26	15	76	.2	16	9	405	2.24	2	5	ND	4	18	.2	2	2	29	.15	.107	11	13	.41	108	.18	2	3.13	.02	.16	1
LW14 2950N	1	29	19	88	.1	16	10	408	2.34	2	5	ND	6	19	.2	3	2	32	.16	.109	14	15	.46	129	.18	3	3.04	.02	.16	1
LW14 2900N	1	25	19	85	.1	16	10	367	2.32	2	5	ND	6	16	.2	2	2	27	.13	.103	14	14	.46	128	.18	2	2.88	.02	.16	1
LW14 2850N	1	26	14	79	.3	15	9	398	2.17	2	5	ND	5	19	.2	2	2	30	.16	.101	11	12	.37	110	.17	2	3.17	.02	.13	1
LW14 2800N	1	32	17	81	.1	16	10	273	2.35	3	5	ND	5	18	.2	2	2	29	.15	.080	14	16	.68	138	.17	2	2.62	.02	.30	1
STANDARD C	19	62	38	132	7.1	71	31	1034	3.94	42	22	7	38	52	17.4	15	19	55	.48	.088	37	54	.88	177	.09	34	1.88	.07	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LW14 2750N	1	17	11	62	.5	14	10	306	2.54	2	5	ND	6	12	.3	2	2	34	.09	.190	7	10	.14	80	.18	3	4.69	.02	.07	1
LW14 2700N	1	14	13	85	.2	12	9	478	2.26	4	5	ND	6	13	.2	2	2	32	.10	.250	11	14	.36	120	.15	2	2.41	.02	.17	1
LW14 2650N	1	25	14	123	.3	20	12	319	2.50	2	5	ND	7	19	.2	2	2	34	.16	.138	17	17	.69	178	.16	2	2.80	.02	.27	1
LW14 2600N	1	30	15	78	.2	16	10	316	2.32	2	5	ND	6	18	.2	2	2	32	.16	.055	17	17	.79	125	.16	2	2.46	.01	.48	1
LW14 2550N	1	34	23	87	.3	18	14	256	2.76	3	5	ND	6	18	.2	2	2	32	.14	.215	15	14	.42	137	.17	2	3.35	.02	.24	1
LW14 2500N	1	46	21	84	.3	20	18	560	2.52	2	5	ND	7	19	.2	2	2	33	.16	.042	20	17	.72	128	.16	2	2.93	.02	.34	1
LW14 2450N	1	39	35	101	.3	22	13	328	2.59	2	5	ND	7	18	.2	2	2	34	.17	.061	18	17	.79	106	.15	2	2.92	.02	.25	1
LW14 2400N	1	17	17	54	.2	11	6	192	1.62	2	5	ND	2	16	.2	2	2	27	.16	.044	10	12	.32	100	.16	2	1.41	.02	.12	1
LW14 2350N	1	27	18	85	.2	16	8	437	2.09	2	5	ND	5	18	.2	2	2	26	.16	.075	19	15	.66	103	.15	2	2.36	.02	.36	1
LW14 2300N	1	36	20	98	.1	19	9	530	2.82	2	5	ND	5	22	.3	2	2	33	.26	.021	15	22	1.51	109	.20	2	3.02	.02	.88	1
LW14 2250N	1	47	18	125	.2	26	13	361	3.34	2	5	ND	7	27	1.5	2	2	43	.27	.018	16	22	1.37	150	.22	2	3.84	.03	.68	1
LW14 2200N	1	14	13	122	.3	14	10	324	2.32	2	10	ND	4	20	.2	2	2	30	.16	.257	6	9	.11	113	.15	2	4.20	.02	.08	1
LW14 2150N	1	50	24	116	.2	29	14	649	2.93	2	5	ND	10	26	.8	2	2	34	.27	.025	69	19	1.09	75	.19	2	3.33	.02	.46	1
LW14 2100N	1	36	19	98	.2	25	12	814	2.32	2	5	ND	5	24	.2	2	2	30	.24	.034	20	19	.97	97	.17	2	2.52	.02	.48	1
LW14 2050N	1	47	30	156	.5	46	25	1285	3.31	2	5	ND	8	26	1.7	2	2	44	.25	.061	30	17	.66	145	.19	3	3.86	.02	.24	1
LW14 2000N	1	30	25	98	.2	20	11	237	2.72	2	5	ND	4	20	.2	2	2	35	.24	.034	14	16	.71	109	.17	2	2.75	.02	.15	1
LW14 1950N	1	48	20	84	.5	31	13	201	3.00	2	5	ND	9	24	.8	5	2	35	.23	.055	16	14	.39	169	.18	2	4.42	.03	.24	1
LW14 1900N	1	33	21	88	.1	20	11	394	2.14	2	5	ND	5	24	.2	2	2	29	.25	.029	16	16	.75	115	.15	2	2.24	.02	.24	1
LW14 1850N	1	43	24	99	.2	27	15	882	2.71	3	5	ND	7	26	.2	2	2	33	.26	.040	21	18	.72	140	.17	3	3.01	.02	.28	1
LW14 1800N	1	23	16	121	.2	21	14	449	2.42	2	5	ND	6	17	.2	2	2	29	.16	.089	12	13	.37	120	.15	3	3.31	.02	.11	1
LW14 1750N	1	29	10	105	.2	18	10	683	2.18	2	10	ND	5	11	.2	2	2	34	.12	.165	8	11	.20	102	.13	2	3.05	.02	.10	1
LW14 1700N	1	44	18	92	.2	22	13	271	2.70	2	5	ND	6	14	.2	2	2	37	.13	.077	10	15	.45	114	.16	3	3.65	.02	.13	1
RE LW14 1850N	1	39	22	96	.1	25	14	855	2.66	2	5	ND	7	26	.2	2	2	31	.25	.037	21	16	.71	137	.16	2	2.98	.02	.26	1
LW14 1650N	1	68	11	90	.1	21	11	446	2.64	2	5	ND	6	12	.2	2	2	39	.11	.089	10	12	.39	109	.16	2	3.65	.02	.13	1
LW14 1600N	1	43	18	115	.4	36	19	309	2.71	2	5	ND	7	16	.5	2	2	34	.13	.075	11	14	.40	163	.15	2	3.79	.02	.18	1
LW14 1550N	1	36	15	87	.2	23	15	292	2.53	2	5	ND	8	16	.2	2	2	32	.15	.050	13	14	.45	137	.15	2	3.19	.02	.16	1
LW14 1500N	1	96	20	109	.2	42	16	281	3.84	2	5	ND	8	24	3.0	3	2	47	.20	.053	24	19	.73	133	.17	3	4.22	.01	.43	1
LW14 1450N	1	28	17	85	.2	19	9	611	2.05	2	5	ND	5	17	.3	3	2	29	.15	.096	13	12	.36	142	.13	3	2.39	.02	.15	1
LW14 1400N	1	98	15	77	.1	28	14	245	3.01	4	5	ND	11	17	.7	2	3	39	.13	.044	23	16	.69	135	.18	2	3.57	.01	.34	1
LW14 1350N	1	84	16	139	.1	48	19	275	3.70	5	5	ND	7	23	2.5	2	2	42	.18	.090	18	17	.55	157	.18	2	5.00	.02	.31	1
LW14 1300N	1	65	17	79	.1	25	13	312	2.74	2	5	ND	8	13	.2	2	2	35	.13	.047	16	16	.66	113	.15	2	2.84	.01	.24	1
LW14 1250N	1	72	17	98	.2	31	19	260	2.91	2	5	ND	6	13	.4	3	2	43	.14	.132	12	11	.26	109	.16	2	4.34	.02	.14	1
LW14 1200N	1	25	17	66	.1	17	9	253	1.96	2	5	ND	5	17	.2	2	2	28	.17	.026	14	12	.40	103	.14	2	1.94	.02	.22	1
LW14 1150N	1	20	19	69	.2	17	9	497	2.03	2	5	ND	6	16	.3	2	2	26	.15	.094	15	11	.30	115	.13	2	2.24	.01	.23	1
LW14 1100N	1	19	16	61	.2	18	9	160	2.09	2	5	ND	5	14	.2	2	2	23	.12	.051	13	12	.33	90	.13	3	2.13	.01	.22	1
LW14 1050N	1	34	17	73	.2	20	10	139	2.92	4	5	ND	6	16	.6	2	2	36	.17	.045	14	13	.38	162	.16	2	2.49	.01	.23	1
LW14 1000N	1	64	9	143	.3	29	14	417	2.44	2	5	ND	4	14	.2	2	2	36	.17	.068	8	11	.30	188	.15	3	3.23	.02	.13	1
STANDARD C	19	61	41	133	7.4	74	31	1052	4.00	41	22	7	40	52	17.9	16	19	58	.49	.091	36	54	.89	179	.09	34	1.90	.07	.16	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LW14 950N	1	68	11	109	.1	21	12	868	2.30	2	7	ND	3	16	.2	2	2	34	.15	.216	5	8	.14	164	.16	2	3.78	.02	.10	.1
LW14 900N	1	111	11	104	.2	22	13	465	2.47	2	5	ND	5	18	.3	2	2	40	.18	.108	8	10	.27	183	.17	3	3.55	.02	.12	.1
LW14 850N	1	80	14	95	.1	19	13	719	2.25	2	5	ND	4	18	.5	2	2	37	.19	.103	8	10	.20	152	.16	2	2.75	.02	.13	.1
LW14 800N	1	170	21	143	.4	49	21	693	3.18	2	5	ND	5	23	.7	2	2	41	.18	.057	16	15	.45	183	.19	2	4.57	.02	.23	.1
LW14 750N	1	45	18	138	.1	21	22	511	2.63	2	5	ND	2	13	.2	2	2	36	.13	.143	5	9	.12	105	.16	2	3.26	.02	.08	.1
LW14 700N	1	54	14	140	.2	30	15	434	2.59	2	5	ND	5	15	.2	2	2	38	.14	.136	6	10	.19	152	.16	2	4.27	.02	.13	.1
LW14 650N	1	165	20	165	.2	35	17	1949	2.77	4	5	ND	4	18	.3	2	2	40	.17	.136	14	12	.36	162	.16	2	3.23	.02	.18	.1
LW14 600N	1	36	17	75	.1	17	9	302	2.34	2	5	ND	6	17	.2	2	2	28	.20	.018	20	14	.65	109	.15	2	2.06	.01	.25	.1
LW14 550N	1	82	17	161	.1	28	14	592	2.69	2	5	ND	4	21	.2	2	2	38	.21	.088	14	11	.39	222	.16	2	2.67	.02	.24	.1
LW14 500N	1	157	18	125	.3	38	14	331	3.26	2	5	ND	7	19	1.2	3	2	45	.19	.024	18	16	.67	152	.18	2	3.12	.02	.31	.1
LW14 450N	1	111	20	95	.3	27	15	267	2.69	2	5	ND	5	17	.2	2	2	41	.17	.021	15	15	.62	125	.18	2	2.35	.02	.25	.1
LW14 400N	1	86	18	92	.1	23	15	482	3.26	2	5	ND	4	22	.8	2	2	63	.24	.030	17	12	.70	161	.20	2	2.24	.02	.39	.1
LW14 350N	1	88	16	119	.3	37	17	296	3.37	2	5	ND	5	18	1.1	2	2	48	.17	.096	9	12	.32	155	.18	2	4.03	.02	.18	.1
LW14 300N	1	82	19	67	.2	25	13	208	2.82	2	5	ND	4	19	.3	2	2	47	.18	.013	14	13	.66	166	.19	2	2.40	.02	.25	.1
LW14 250N	1	205	23	140	.5	72	15	253	4.31	3	5	ND	6	28	2.3	2	2	64	.25	.082	15	14	.47	347	.22	2	5.48	.03	.31	.1
LW14 200N	1	44	18	113	.2	21	10	477	3.30	2	5	ND	9	17	.9	2	2	46	.18	.020	26	24	1.48	256	.22	2	2.58	.01	1.31	.1
LW14 150N	1	94	15	115	.3	29	15	524	3.12	2	5	ND	5	31	.7	2	2	57	.37	.034	18	14	.76	285	.17	2	2.39	.02	.21	.1
LW14 100N	1	192	21	106	.3	46	29	238	3.83	2	5	ND	6	25	1.7	2	2	62	.22	.054	14	12	.41	221	.19	2	4.07	.02	.24	.1
LW14 50N	1	67	16	103	.1	33	30	318	3.45	2	5	ND	5	14	1.2	2	2	46	.15	.096	10	12	.32	124	.15	2	3.79	.02	.19	.1
LW14 0N	1	101	16	71	.1	21	15	277	2.80	4	5	ND	4	16	.5	2	2	51	.24	.028	16	12	.65	125	.16	2	1.95	.02	.32	.1
LW12 3000N	1	27	14	66	.2	25	11	395	2.00	2	5	ND	3	18	.2	2	2	29	.14	.133	6	12	.15	144	.14	2	3.23	.02	.10	.1
LW12 2950N	1	39	10	54	.1	28	14	214	1.84	2	5	ND	1	21	.2	2	2	26	.23	.100	5	21	.41	174	.10	2	2.16	.02	.15	.1
LW12 2900N	1	27	16	85	.1	25	10	379	1.75	3	5	ND	3	28	.2	2	2	21	.24	.233	6	14	.17	216	.12	2	2.73	.03	.11	.1
LW12 2850N	1	38	12	81	.1	25	10	316	1.73	2	5	ND	5	27	.2	2	2	20	.21	.141	9	13	.32	156	.10	2	2.11	.03	.17	.1
LW12 2800N	1	26	16	83	.1	25	10	625	1.89	2	5	ND	3	22	.2	2	2	24	.16	.119	8	12	.19	171	.13	2	2.80	.02	.12	.1
RE LW12 2950N	1	40	14	56	.1	29	14	222	1.91	2	5	ND	2	21	.2	2	2	27	.23	.103	5	21	.42	180	.10	2	2.23	.02	.15	.1
LW12 2750N	1	32	22	90	.1	28	12	479	2.46	2	5	ND	4	22	.2	2	2	30	.18	.089	7	16	.33	228	.15	3	3.56	.02	.12	.1
LW12 2700N	1	18	11	88	.1	17	8	430	1.28	2	5	ND	1	23	.2	2	2	17	.17	.133	4	7	.07	182	.13	2	2.10	.03	.08	.1
LW12 2650N	1	41	14	89	.2	29	8	503	1.70	8	5	ND	3	37	.4	2	2	22	.24	.234	4	9	.08	182	.15	3	3.76	.04	.07	.1
LW12 2600N	1	54	19	163	.2	52	14	583	2.13	3	5	ND	3	44	.3	2	2	27	.30	.170	6	17	.20	233	.13	2	3.40	.03	.15	.1
LW12 2550N	1	42	15	102	.1	49	10	494	1.81	2	5	ND	2	24	.2	2	2	21	.18	.063	6	14	.18	239	.11	2	3.24	.02	.12	.1
LW12 2500N	1	88	12	72	.1	32	17	394	2.37	2	5	ND	1	19	.3	2	2	43	.17	.044	6	16	.59	141	.11	2	1.76	.01	.22	.1
LW12 2450N	1	37	14	155	.1	47	14	354	1.81	5	5	ND	3	34	.4	2	2	20	.23	.322	5	11	.17	247	.13	2	2.89	.03	.12	.1
LW12 2400N	1	23	11	97	.1	25	9	287	1.20	2	5	ND	2	37	.2	2	2	14	.25	.200	6	12	.14	203	.08	2	1.59	.03	.11	.1
LW12 2350N	1	124	14	61	.3	58	11	142	2.01	2	5	ND	4	36	.2	2	2	27	.28	.136	8	12	.14	277	.16	3	4.23	.05	.13	.1
LW12 2300N	1	82	14	73	.1	39	14	218	1.83	2	5	ND	3	28	.2	2	2	30	.25	.072	5	11	.32	153	.14	2	2.49	.03	.15	.1
LW12 2250N	1	38	18	105	.2	40	11	373	1.75	2	5	ND	3	22	.2	2	2	24	.22	.152	6	13	.16	176	.12	3	2.90	.02	.13	.1
STANDARD C	20	57	42	132	7.4	74	31	1039	3.95	42	19	7	40	52	16.6	14	18	57	.48	.090	36	55	.88	177	.09	35	1.88	.07	.15	.11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LW12 2200N	1	138	17	135	.3	79	18	255	2.86	2	5	ND	5	32	1.1	2	2	43	.32	.177	12	21	.40	188	.15	3	4.50	.03	.16	1
LW12 2150N	1	74	15	69	.3	38	13	162	2.05	2	5	ND	4	22	.4	2	2	29	.21	.093	10	13	.20	152	.13	2	3.05	.03	.12	1
LW12 2100N	1	60	17	61	.2	28	12	309	1.77	2	5	ND	3	24	.3	2	2	28	.31	.020	11	17	.44	116	.12	2	2.03	.03	.18	1
LW12 2050N	1	25	20	124	.2	32	9	520	1.65	2	5	ND	3	27	.5	2	2	23	.23	.156	8	11	.15	195	.13	3	2.50	.03	.12	1
LW12 2000N	1	26	20	109	.2	31	8	942	1.81	4	5	ND	4	38	.3	2	2	26	.24	.218	6	9	.12	238	.15	4	3.49	.04	.12	1
LW12 1950N	1	84	13	130	.2	44	13	254	1.77	2	5	ND	3	38	.3	2	2	27	.30	.130	7	11	.23	281	.13	2	2.10	.03	.19	1
LW12 1900N	1	29	14	82	.3	33	10	320	1.57	2	5	ND	3	39	.2	2	2	22	.30	.098	6	8	.11	257	.14	3	2.65	.04	.11	1
LW12 1850N	1	60	13	87	.2	49	14	196	2.28	2	5	ND	5	21	.2	3	2	33	.17	.045	9	14	.38	214	.17	3	2.98	.02	.22	1
LW12 1800N	1	34	14	93	.1	35	11	571	1.63	4	5	ND	2	29	.2	4	2	24	.21	.191	5	9	.12	234	.14	3	2.65	.03	.11	1
LW12 1750N	1	31	16	102	.2	21	10	779	1.71	2	5	ND	3	27	.2	2	2	23	.22	.106	9	12	.20	258	.12	2	2.22	.02	.15	1
LW12 1700N	1	31	13	83	.1	35	13	255	1.98	4	5	ND	3	20	.2	2	2	27	.16	.106	8	11	.17	181	.14	2	2.82	.02	.14	1
LW12 1650N	1	39	16	115	.2	39	12	451	1.81	4	5	ND	3	28	.2	2	2	24	.22	.175	7	10	.18	244	.14	3	2.92	.03	.13	1
LW12 1600N	1	48	20	95	.1	36	20	545	2.28	4	5	ND	4	30	.2	2	2	31	.24	.069	12	18	.46	260	.13	2	2.57	.02	.23	1
LW12 1550N	1	32	15	107	.1	30	11	356	1.89	7	5	ND	3	47	.3	2	2	25	.28	.423	4	10	.14	288	.16	2	3.76	.03	.10	1
LW12 1500N	1	23	15	122	.2	22	10	674	1.79	2	5	ND	3	32	.2	2	2	23	.20	.143	10	11	.23	255	.14	2	2.36	.02	.18	1
LE12 3500N	1	22	17	137	.2	24	10	684	1.93	2	5	ND	4	23	.2	2	2	22	.19	.198	9	9	.13	258	.14	2	2.94	.03	.14	1
LE12 3450N	1	28	17	87	.2	24	11	416	2.09	2	5	ND	7	21	.2	2	2	26	.16	.147	19	9	.27	209	.13	2	2.51	.03	.27	1
LE12 3400N	1	38	20	50	.1	14	8	196	2.42	2	5	ND	10	15	.2	2	2	28	.08	.024	31	10	.44	80	.12	2	1.16	.01	.52	1
LE12 3350N	1	27	17	113	.1	26	10	538	2.19	2	5	ND	7	22	.2	2	2	26	.12	.156	20	11	.39	218	.13	2	1.92	.02	.36	1
LE12 3300N	1	17	19	115	.1	26	8	672	1.97	3	5	ND	4	35	.2	2	2	21	.19	.212	10	10	.21	162	.16	3	2.95	.02	.21	1
LE12 3250N	1	14	18	121	.1	18	6	751	1.41	2	5	ND	3	37	.3	2	2	16	.20	.089	11	8	.18	220	.12	2	1.45	.02	.20	1
LE12 3200N	1	23	22	132	.1	42	12	280	2.10	2	5	ND	6	35	.2	2	2	19	.14	.095	22	11	.40	191	.14	2	2.13	.02	.35	1
LE12 3150N	1	23	20	128	.1	30	9	623	1.98	4	5	ND	4	33	.2	2	2	24	.20	.187	10	9	.16	191	.19	4	3.42	.03	.15	1
RE LE12 3300N	1	19	19	112	.1	26	8	649	1.98	2	5	ND	4	33	.2	2	2	23	.18	.200	12	10	.21	156	.16	3	2.78	.02	.22	1
LE12 3100N	1	41	22	168	.2	47	14	339	2.34	2	5	ND	6	24	.2	2	2	27	.16	.087	18	12	.41	153	.17	2	2.92	.03	.25	3
LE12 3050N	1	42	24	124	.1	39	13	259	2.70	2	5	ND	8	26	.6	3	2	31	.20	.097	22	14	.58	130	.15	2	2.51	.02	.40	1
LE12 3000N	1	37	20	102	.1	35	13	312	2.39	2	5	ND	8	26	.2	2	2	27	.17	.044	24	13	.46	132	.15	2	2.24	.02	.40	1
LE12 2950N	1	48	24	118	.3	43	14	278	2.62	3	5	ND	12	46	.7	3	2	27	.23	.068	27	12	.43	163	.16	2	3.10	.03	.46	1
LE12 2900N	1	31	15	87	.1	28	11	453	2.06	2	5	ND	7	24	.2	2	2	23	.16	.059	22	12	.40	162	.14	2	2.10	.02	.36	1
LE12 2850N	1	37	15	102	.1	31	15	666	2.23	2	5	ND	4	24	.2	2	2	31	.21	.185	14	9	.36	195	.14	2	2.20	.03	.36	1
LE12 2800N	1	36	18	53	.1	14	8	300	2.14	2	5	ND	8	20	.2	2	2	23	.12	.020	23	12	.51	98	.14	2	1.31	.01	.51	1
LE12 2750N	1	51	20	89	.1	19	10	335	2.28	2	5	ND	4	22	.2	2	2	28	.29	.033	27	14	.62	99	.14	2	1.58	.02	.41	1
LE12 2700N	1	41	20	61	.1	16	9	261	2.19	2	6	ND	10	22	.2	2	2	19	.18	.027	30	11	.46	62	.12	2	1.19	.01	.43	1
LE12 2650N	1	34	21	58	.1	15	8	218	2.10	2	5	ND	9	19	.2	2	2	20	.14	.030	30	11	.40	66	.12	2	1.13	.01	.38	1
LE12 2600N	1	34	19	47	.1	13	8	241	2.18	2	5	ND	10	18	.2	2	2	21	.16	.025	34	11	.42	57	.13	2	1.11	.01	.44	1
LE12 2550N	1	37	18	106	.3	32	11	389	2.45	3	5	ND	6	19	.2	2	2	28	.16	.082	18	12	.37	148	.16	2	2.85	.02	.28	1
LE12 2500N	2	51	18	148	.3	40	13	290	3.60	2	5	ND	7	32	2.8	5	2	28	.26	.179	19	11	.41	262	.19	5	3.03	.03	.51	2
STANDARD C	20	58	40	131	7.4	74	31	1034	3.93	41	22	7	40	52	17.4	14	21	56	.48	.088	36	55	.87	178	.09	34	1.88	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LE12 2450N	1	43	11	118	.4	34	10	432	2.10	7	5	ND	6	28	.2	2	2	26	.21	.182	13	9	.16	131	.18	4	4.25	.04	.14	1
LE12 2400N	1	23	15	196	.3	32	12	398	2.35	3	5	ND	6	20	.2	2	2	26	.15	.179	13	10	.18	184	.15	2	3.38	.02	.15	1
LE12 2350N	1	37	10	188	.2	36	14	314	2.28	4	5	ND	6	23	.6	2	2	28	.18	.137	14	14	.46	203	.15	3	2.99	.03	.24	1
LE12 2300N	1	29	17	120	.4	28	10	232	2.15	5	5	ND	6	22	.2	2	2	24	.16	.100	18	13	.26	133	.15	3	2.99	.02	.27	1
LE12 2250N	1	43	16	130	.1	26	11	370	2.29	2	5	ND	5	29	.5	2	2	28	.22	.141	13	12	.29	175	.17	3	3.45	.05	.25	1
LE12 2200N	1	38	18	140	.3	34	13	356	2.54	4	5	ND	7	20	.6	2	2	28	.17	.085	17	13	.48	168	.17	3	3.44	.03	.23	1
LE12 2150N	1	33	13	144	.1	38	12	397	2.61	3	5	ND	7	20	.5	2	2	29	.15	.139	16	14	.48	186	.16	3	2.85	.02	.30	1
LE12 2100N	1	42	20	161	.2	35	12	305	2.45	4	5	ND	8	21	.2	2	2	29	.15	.084	19	13	.48	192	.17	3	2.86	.03	.31	1
LE12 2050N	1	39	20	125	.1	28	11	291	2.36	2	5	ND	7	20	.2	2	2	27	.16	.083	19	15	.54	202	.14	2	2.29	.03	.40	1
LE12 2000N	1	47	24	135	.5	34	9	263	2.25	5	5	ND	8	25	.2	2	2	22	.19	.140	22	12	.22	147	.16	2	3.34	.04	.22	1
LE12 1950N	1	25	19	85	.1	15	9	336	2.01	2	5	ND	6	18	.2	2	2	23	.13	.059	17	15	.49	135	.12	2	1.51	.02	.38	1
LE12 1900N	1	46	23	131	.3	31	11	202	2.43	4	5	ND	9	25	.5	2	2	28	.18	.108	17	14	.56	136	.17	3	3.13	.03	.30	1
LE12 1850N	1	51	21	128	.5	33	12	210	2.50	4	5	ND	10	22	.3	2	2	27	.16	.076	20	12	.26	157	.15	2	2.98	.03	.26	1
LE12 1800N	1	46	24	111	.1	31	13	388	2.31	2	5	ND	5	26	.2	2	2	25	.24	.064	22	12	.27	175	.13	2	2.43	.03	.26	1
LE12 1750N	1	30	15	53	.1	13	6	254	1.56	2	5	ND	5	15	.2	2	2	19	.16	.017	22	11	.44	76	.11	2	1.18	.02	.28	1
LE12 1700N	1	29	18	114	.1	27	14	314	2.03	2	5	ND	6	16	.2	2	2	21	.14	.089	19	11	.25	141	.11	2	2.13	.02	.25	1
LE12 1650N	1	21	13	55	.2	14	8	189	1.80	2	5	ND	6	13	.2	2	2	21	.12	.020	19	12	.42	72	.11	2	1.31	.02	.36	1
LE12 1600N	1	28	19	51	.1	13	8	239	2.06	2	5	ND	8	18	.2	2	2	21	.15	.026	28	15	.52	76	.12	2	1.27	.02	.43	1
LE12 1550N	1	33	16	70	.1	25	11	303	2.17	2	5	ND	7	19	.2	2	3	25	.16	.068	24	13	.28	113	.12	2	2.41	.02	.24	1
LE12 1500N	1	27	12	50	.1	13	7	177	1.83	2	5	ND	5	17	.2	2	2	24	.14	.028	20	14	.48	88	.12	2	1.39	.02	.34	1
RE LE12 1700N	1	32	19	120	.2	29	15	335	2.14	2	5	ND	7	18	.4	2	2	25	.15	.094	19	12	.26	147	.11	2	2.21	.02	.24	1
LE12 1450N	1	34	14	51	.1	14	8	241	2.04	2	5	ND	8	17	.2	2	2	24	.16	.016	26	15	.53	72	.14	2	1.40	.02	.41	1
LE12 1400N	1	31	16	100	.2	29	12	491	2.11	2	5	ND	7	16	.2	2	2	26	.14	.049	22	15	.37	145	.14	2	2.35	.02	.31	1
LE12 1350N	1	55	18	117	.2	46	18	299	2.74	3	5	ND	7	22	.8	4	2	34	.19	.088	15	14	.40	152	.16	3	3.72	.02	.26	1
LE12 1300N	1	25	14	89	.1	25	13	323	2.36	2	5	ND	5	15	.4	2	2	28	.11	.112	13	12	.24	143	.14	2	3.17	.02	.21	1
LE12 1250N	1	42	14	110	.2	26	13	345	2.18	2	5	ND	5	24	.3	2	4	27	.20	.160	11	10	.18	173	.15	3	3.65	.03	.14	1
LE12 1200N	1	55	19	91	.2	29	13	238	2.39	5	5	ND	7	18	.2	2	2	30	.18	.067	14	12	.43	144	.15	3	2.67	.03	.23	1
LE12 1150N	1	28	16	48	.1	11	6	221	1.37	2	5	ND	3	17	.2	2	2	21	.19	.016	12	9	.27	93	.11	2	1.16	.02	.21	1
LE12 1100N	1	17	14	40	.1	10	5	138	1.09	2	5	ND	2	19	.2	2	2	17	.18	.014	9	9	.21	83	.11	2	1.14	.02	.15	1
LE12 1050N	1	51	16	63	.1	27	9	177	2.19	2	5	ND	6	22	.2	2	2	26	.22	.026	19	13	.50	119	.13	2	2.01	.02	.26	1
LE12 1000N	1	30	15	62	.1	15	7	323	1.61	2	5	ND	3	19	.2	2	2	21	.22	.033	13	11	.41	101	.12	2	1.45	.03	.26	1
LE12 950N	1	31	15	64	.1	14	7	276	1.61	2	5	ND	4	19	.2	2	2	19	.20	.017	16	12	.40	128	.12	2	1.51	.03	.25	1
LE12 900N	1	33	12	122	.5	25	10	508	2.18	4	5	ND	6	20	.2	2	2	28	.17	.122	10	10	.15	152	.18	3	4.80	.03	.13	1
LE12 850N	1	21	15	140	.1	24	11	454	2.04	3	5	ND	5	23	.4	2	2	23	.15	.096	12	12	.22	135	.15	3	2.61	.02	.18	1
LE12 800N	1	23	14	130	.2	20	11	607	2.05	4	5	ND	6	20	.2	3	2	25	.15	.231	15	9	.17	139	.15	2	3.61	.02	.15	1
LE12 750N	1	28	20	72	.1	18	8	227	2.02	2	5	ND	8	18	.2	2	2	19	.10	.050	26	12	.27	91	.14	2	1.64	.02	.27	1
LE12 700N	1	25	17	82	.1	22	9	304	1.96	2	5	ND	5	23	.2	2	2	22	.13	.093	16	12	.24	151	.13	2	2.20	.02	.22	1
STANDARD C	19	57	42	131	7.4	73	31	1026	3.91	42	21	7	39	52	17.4	14	19	58	.47	.088	35	56	.89	177	.09	34	1.87	.07	.16	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LE12 650N	1	24	17	88	.1	24	11	351	2.18	2	5	ND	7	26	.2	2	2	24	.17	.076	19	13	.38	137	.14	4	2.79	.03	.22	1
LE12 600N	1	22	16	122	.1	27	12	368	2.41	4	5	ND	7	21	.2	2	4	26	.14	.117	14	14	.42	163	.17	3	3.23	.02	.18	1
LE12 550N	1	34	25	108	.1	21	12	235	3.11	2	5	ND	9	20	.2	2	5	32	.14	.149	22	18	.63	151	.17	4	2.56	.02	.30	1
LE12 500N	1	26	18	119	.1	21	11	634	2.54	2	5	ND	8	18	.2	2	2	26	.14	.148	15	15	.50	164	.15	4	3.09	.02	.21	1
LE12 450N	1	14	13	57	.1	12	6	318	1.77	2	5	ND	5	15	.2	2	3	22	.16	.049	12	12	.40	110	.14	2	1.59	.02	.22	1
LE12 400N	1	24	15	92	.4	32	16	233	2.99	2	5	ND	7	23	.2	2	2	34	.21	.111	11	13	.33	130	.18	6	4.69	.03	.14	1
LE12 350N	1	23	16	80	.1	22	11	243	2.51	2	5	ND	7	17	.2	2	3	26	.14	.071	17	15	.46	107	.15	3	2.31	.02	.26	1
LE12 300N	1	24	18	91	.1	23	11	224	2.39	2	5	ND	7	18	.2	2	6	22	.15	.034	21	15	.52	156	.15	3	2.06	.02	.33	1
LE12 250N	1	29	18	55	.1	21	11	180	2.22	4	5	ND	7	16	.2	2	2	22	.13	.022	18	16	.49	111	.14	2	1.91	.02	.35	1
LE12 200N	1	28	12	60	.1	16	11	344	2.21	3	5	ND	6	14	.2	2	2	28	.20	.033	18	20	.62	75	.13	5	1.63	.02	.34	1
LE12 150N	1	27	14	90	.2	13	8	646	2.16	2	5	ND	4	15	.2	2	3	28	.13	.235	8	9	.18	100	.16	4	4.12	.03	.10	1
LE12 100N	1	20	24	119	.1	24	14	229	2.76	2	5	ND	8	23	.2	2	5	26	.17	.117	22	16	.46	124	.16	2	2.94	.01	.26	1
LE12 50N	1	11	15	85	.2	17	10	141	2.17	2	5	ND	7	16	.2	2	5	23	.11	.195	13	11	.21	94	.14	6	3.35	.02	.14	1
RE LE13 3400N	1	53	17	128	.1	28	15	528	2.87	2	5	ND	5	26	.2	2	3	35	.32	.092	13	10	.46	337	.18	5	3.04	.04	.33	1
LE12 0N	1	41	20	55	.1	13	9	227	2.40	5	5	ND	8	16	.2	2	3	29	.22	.033	29	16	.66	67	.14	3	1.49	.02	.38	1
LE13 3500N	1	24	23	116	.1	22	13	970	2.74	2	5	ND	8	24	.2	2	5	27	.22	.023	22	14	.58	253	.16	2	2.36	.02	.36	1
LE13 3450N	1	23	30	140	.1	22	12	897	2.33	2	5	ND	6	27	.3	2	6	22	.30	.049	17	13	.54	360	.14	4	2.13	.02	.36	1
LE13 3400N	1	50	19	130	.1	28	13	588	2.74	2	5	ND	5	26	.4	2	2	32	.31	.090	14	11	.46	343	.17	3	2.86	.03	.34	1
LE13 3350N	1	80	20	122	.1	31	23	455	4.39	2	5	ND	7	26	.2	2	8	50	.34	.053	18	10	.58	330	.22	2	3.34	.03	.49	1
LE13 3300N	1	84	14	172	.1	30	32	956	6.13	2	5	ND	8	20	.3	2	7	51	.28	.059	25	8	.83	438	.28	4	3.59	.02	.83	1
LE13 3250N	1	102	17	140	.1	29	24	458	4.34	2	5	ND	8	30	.2	2	3	43	.33	.098	22	11	.61	455	.21	4	3.78	.03	.46	1
LE13 3200N	1	29	18	149	.1	31	14	566	2.45	5	5	ND	5	38	.2	2	5	27	.28	.097	12	12	.40	337	.17	4	2.69	.04	.25	1
LE13 3150N	1	64	22	134	.1	31	18	585	3.64	2	5	ND	8	27	.2	2	6	46	.31	.040	18	17	.86	301	.20	2	3.29	.02	.44	1
LE13 3100N	1	50	15	137	.1	30	19	1213	3.41	2	5	ND	8	29	.2	2	2	38	.32	.025	22	21	1.17	328	.20	2	3.22	.02	.57	1
LE13 3050N	1	190	20	135	.1	30	22	319	4.30	2	5	ND	10	25	.2	2	4	50	.28	.089	30	14	.79	219	.21	3	3.88	.02	.45	1
LE13 3000N	1	161	18	170	.1	35	27	876	4.33	2	5	ND	8	38	.3	2	3	53	.46	.104	21	13	.63	496	.21	5	3.70	.04	.52	1
LE13 2950N	1	76	15	149	.1	36	17	506	2.99	2	5	ND	6	32	.2	2	3	36	.33	.085	15	11	.43	329	.18	2	2.96	.04	.33	1
LE13 2900N	1	139	16	125	.1	38	19	488	3.39	2	5	ND	7	31	.2	2	2	44	.34	.059	19	16	.68	306	.20	4	3.56	.03	.34	1
LE13 2850N	1	45	15	156	.1	29	11	505	2.32	2	5	ND	5	39	.2	2	4	26	.33	.122	17	14	.51	273	.17	3	2.90	.04	.26	1
LE13 2800N	1	18	14	186	.1	36	10	378	2.07	2	5	ND	5	46	.2	2	2	23	.31	.196	14	14	.57	240	.16	4	2.64	.05	.21	1
LE13 2750N	1	73	24	95	.1	26	16	323	2.89	2	5	ND	8	23	.2	2	4	37	.29	.031	22	16	.82	119	.17	2	2.23	.03	.47	1
LE13 2700N	1	35	20	154	.1	37	15	444	2.55	2	5	ND	7	43	.2	2	2	28	.32	.066	18	18	.82	185	.17	3	2.88	.04	.34	1
LE13 2650N	1	244	23	142	.1	49	28	1013	3.15	2	5	ND	5	29	.3	2	9	47	.28	.055	16	14	.52	323	.16	2	3.43	.03	.21	1
LE13 2600N	1	76	20	140	.1	31	19	670	3.22	2	5	ND	6	32	.2	2	3	42	.33	.038	17	15	.73	289	.18	4	2.76	.02	.51	1
LE13 2550N	1	75	18	111	.1	29	17	370	3.34	2	5	ND	7	28	.2	2	4	48	.28	.038	21	16	.77	194	.19	2	2.49	.02	.45	1
LE13 2500N	1	25	14	184	.2	29	11	1124	2.05	6	6	ND	4	43	.3	2	3	27	.35	.245	9	10	.32	432	.16	3	2.50	.04	.23	1
LE13 2450N	1	62	21	152	.1	25	13	1168	2.51	2	5	ND	4	39	.3	2	2	32	.32	.096	15	13	.50	385	.14	3	2.32	.02	.32	1
STANDARD C	19	65	39	132	7.6	70	32	1050	3.98	42	24	7	40	52	18.6	13	20	58	.48	.090	39	58	.89	175	.09	34	1.90	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACME ANALYTICAL

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ACME ANALYTICAL

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
LE13 2400N	1	38	18	135	.1	31	13	714	2.65	2	5	ND	4	29	.2	2	2	39	.29	.039	9	11	.50	380	.16	3	2.71	.02	.38	1
LE13 2350N	1	39	20	117	.1	25	11	449	2.14	2	5	ND	5	24	.3	2	2	25	.25	.035	15	12	.51	214	.14	2	1.85	.02	.31	1
LE13 2300N	1	39	12	107	.1	26	12	335	2.17	2	5	ND	4	19	.4	2	2	28	.17	.069	12	11	.40	205	.14	2	2.25	.03	.26	1
LE13 2250N	1	51	14	146	.1	37	13	334	1.97	2	5	ND	4	29	.2	2	2	24	.23	.110	10	9	.27	300	.14	2	2.38	.03	.18	1
LE13 2200N	1	203	9	157	.1	70	19	372	2.69	2	5	ND	7	34	.3	2	2	33	.26	.098	12	12	.43	331	.17	2	3.75	.03	.27	1
RE LE13 2000N	1	68	18	113	.1	24	13	355	2.48	2	5	ND	6	26	.4	2	5	29	.22	.052	15	15	.58	271	.16	4	2.50	.02	.25	1
LE13 2150N	1	34	16	123	.1	33	13	370	2.03	2	5	ND	4	25	.2	2	2	26	.20	.103	8	10	.33	237	.13	3	2.06	.02	.20	1
LE13 2100N	1	59	12	171	.1	34	12	415	1.75	2	5	ND	3	28	.2	2	2	24	.20	.172	6	9	.21	228	.14	3	2.48	.03	.13	1
LE13 2050N	1	39	20	150	.1	19	11	1408	1.83	2	5	ND	3	24	.2	2	2	26	.21	.065	10	9	.32	300	.13	2	1.71	.03	.17	1
LE13 2000N	1	63	16	105	.1	24	13	334	2.39	2	5	ND	5	26	.2	2	2	28	.21	.049	14	14	.54	260	.15	2	2.40	.02	.25	1
LE13 1950N	1	55	11	150	.1	29	11	638	1.89	2	5	ND	4	33	.2	2	2	24	.23	.111	10	10	.32	379	.14	3	2.34	.03	.17	1
LE13 1900N	1	42	13	108	.1	26	13	981	1.87	2	8	ND	3	37	.3	2	2	25	.28	.076	10	10	.34	299	.12	3	1.88	.02	.21	1
LE13 1850N	1	32	25	108	.1	25	10	153	1.88	2	5	ND	6	28	.2	2	2	20	.18	.035	18	11	.43	180	.13	4	1.90	.02	.25	1
LE13 1800N	1	26	16	107	.1	32	10	413	1.81	2	5	ND	4	29	.2	2	3	22	.22	.069	12	10	.29	210	.14	2	2.46	.03	.16	1
LE13 1750N	1	39	13	96	.1	27	11	371	1.91	2	5	ND	5	29	.2	2	2	24	.21	.048	13	11	.37	223	.14	2	2.00	.02	.20	1
LE14 10000N	1	19	30	156	.1	25	10	720	2.77	4	5	ND	7	24	.2	2	7	24	.12	.223	33	16	.41	256	.15	3	2.37	.01	.20	1
LE14 9950N	1	17	30	143	.1	36	16	609	2.19	2	5	ND	6	24	.2	2	2	20	.13	.035	23	14	.43	139	.13	2	1.98	.01	.22	1
LE14 9900N	1	16	23	188	.1	27	15	969	2.86	2	5	ND	8	29	.2	2	4	27	.15	.109	32	20	.49	260	.16	2	2.20	.01	.28	1
LE14 9850N	1	18	28	138	.1	37	16	923	2.80	2	5	ND	8	18	.3	2	4	26	.10	.075	28	17	.49	164	.16	2	2.40	.01	.31	1
LE14 9800N	1	18	19	236	.1	31	14	1386	2.93	2	5	ND	9	48	.5	2	3	23	.18	.094	35	18	.56	425	.16	2	2.29	.01	.39	1
LE14 9750N	1	17	27	208	.1	31	11	997	2.51	3	5	ND	8	52	.3	2	2	24	.20	.072	33	17	.54	328	.15	2	2.42	.02	.37	1
LE14 9700N	1	16	21	174	.1	63	14	317	2.29	2	5	ND	7	50	.2	2	3	19	.19	.125	24	14	.47	195	.14	2	2.50	.02	.31	1
LE14 9650N	1	23	22	144	.1	98	17	458	2.45	2	5	ND	7	35	.2	2	2	22	.15	.067	20	12	.35	181	.14	2	3.17	.02	.21	1
LE14 9600N	1	26	21	135	.1	54	16	229	2.77	2	5	ND	10	30	.2	2	2	24	.14	.031	31	16	.50	158	.16	2	2.86	.01	.29	1
LE14 9550N	1	14	20	127	.1	27	10	799	1.80	2	5	ND	6	25	.3	2	2	18	.15	.016	26	13	.40	142	.12	3	1.73	.01	.23	1
LE14 9500N	1	7	18	122	.1	38	8	454	1.90	2	5	ND	6	25	.2	2	5	16	.14	.019	24	13	.40	166	.12	2	1.88	.01	.28	1
LE14 9450N	1	15	25	132	.1	36	10	653	2.18	2	5	ND	8	46	.4	2	5	17	.21	.097	31	14	.42	145	.11	2	1.68	.01	.37	1
LE14 9400N	1	11	15	224	.1	66	12	461	1.90	3	5	ND	7	36	.4	2	2	15	.18	.162	25	12	.34	209	.11	2	1.83	.02	.28	1
LE14 9350N	1	12	19	130	.1	34	11	1061	1.90	5	5	ND	6	33	.3	2	2	17	.18	.062	22	12	.36	186	.11	2	1.74	.02	.30	1
LE14 9300N	1	14	23	106	.1	22	10	864	2.27	2	5	ND	7	23	.2	2	4	20	.10	.035	28	16	.50	207	.12	2	1.99	.01	.29	1
LE14 9250N	1	13	14	120	.1	33	10	743	1.96	2	5	ND	6	27	.2	2	2	18	.14	.071	19	12	.34	211	.13	2	2.43	.02	.21	1
LE14 9200N	1	15	19	104	.1	33	11	657	2.17	6	5	ND	8	27	.4	2	2	19	.14	.083	20	12	.35	180	.13	4	2.61	.02	.23	1
LE14 9150N	1	15	19	126	.1	45	13	560	2.11	6	5	ND	7	24	.2	2	2	19	.12	.059	21	13	.35	176	.13	2	2.44	.02	.26	1
LE14 9100N	1	10	24	136	.1	26	11	706	1.84	2	5	ND	5	38	.5	2	2	15	.17	.087	21	11	.32	190	.10	2	1.95	.01	.23	1
LE14 9050N	1	11	24	136	.1	26	11	581	1.76	2	5	ND	4	32	.2	2	2	17	.18	.063	16	11	.30	155	.12	2	2.03	.02	.18	1
LE14 9000N	1	12	19	138	.1	36	14	483	1.94	2	5	ND	5	27	.2	2	5	18	.14	.056	19	11	.29	225	.12	2	2.31	.02	.21	1
LE14 8950N	1	7	18	106	.1	24	9	747	1.48	2	5	ND	5	26	.2	2	4	13	.13	.026	19	10	.29	182	.10	2	1.61	.01	.21	1
STANDARD C	20	65	39	131	7.7	68	32	1050	4.00	41	24	7	39	52	18.6	10	21	57	.48	.091	38	59	.89	180	.09	34	1.90	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



AA ANALYTICAL

Kokanee Explorations Ltd. PROJECT LEO FILE # 92-1292

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AA ANALYTICAL

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
LE14 8900N	1	12	28	127	.1	37	15	544	1.83	2	5	ND	7	25	.2	2	2	17	.14	.034	20	11	.35	193	.12	2	2.07	.02	.21	1
LE14 8850N	1	11	36	218	.1	31	17	1226	1.97	2	5	ND	4	30	.2	2	4	17	.15	.090	19	13	.39	256	.12	4	2.18	.02	.20	1
LE14 8800N	1	12	22	130	.1	34	18	1078	2.17	2	5	ND	6	22	.2	2	2	21	.13	.083	16	12	.33	228	.14	2	2.75	.02	.19	1
LE14 8750N	1	16	22	117	.1	29	11	650	1.98	2	5	ND	7	27	.2	2	2	18	.14	.052	21	11	.32	153	.13	3	2.42	.02	.23	1
LE14 8700N	1	11	25	133	.1	38	10	758	1.93	2	5	ND	5	32	.2	2	2	17	.16	.019	18	12	.35	224	.12	2	2.10	.02	.20	1
LE14 8650N	1	9	30	91	.1	14	8	456	1.59	2	5	ND	5	19	.2	2	2	12	.09	.017	19	9	.34	101	.09	2	1.14	.01	.23	1
LE14 8600N	1	11	30	94	.1	21	10	248	1.89	2	5	ND	6	23	.2	2	2	15	.12	.018	20	11	.36	113	.10	3	1.54	.01	.22	1
LE14 8550N	1	23	42	131	.1	32	13	522	2.85	2	5	ND	9	50	.3	2	2	20	.16	.029	35	19	.80	135	.15	3	2.36	.01	.61	1
LE14 8500N	1	10	18	187	.1	34	8	294	1.62	4	5	ND	5	42	.3	2	2	14	.21	.046	15	11	.33	212	.12	5	1.83	.03	.30	1
LE14 8450N	1	22	22	318	.1	50	12	483	2.71	3	5	ND	12	63	.2	2	2	22	.26	.135	36	14	.43	198	.17	4	3.00	.03	.25	1
RE LE14 8200N	1	18	34	245	.1	60	19	656	2.53	2	5	ND	6	52	.2	2	2	21	.33	.115	24	14	.38	156	.15	5	2.62	.02	.27	1
LE14 8400N	1	34	40	140	.1	46	14	1047	2.18	2	5	ND	4	54	.2	2	4	17	.30	.037	109	13	.36	127	.11	2	1.92	.02	.30	1
LE14 8350N	1	12	23	81	.1	17	10	616	1.82	2	5	ND	5	32	.2	2	2	14	.17	.055	34	10	.29	115	.10	2	1.28	.01	.28	1
LE14 8300N	1	9	25	65	.2	21	10	255	2.02	2	5	ND	7	15	.2	2	4	14	.07	.032	18	10	.35	113	.11	2	1.62	.01	.29	1
LE14 8250N	1	11	20	111	.1	28	12	387	2.08	3	5	ND	5	32	.2	2	2	19	.16	.076	17	11	.33	129	.13	2	1.99	.02	.21	1
LE14 8200N	1	17	32	231	.1	58	18	625	2.42	2	5	ND	6	49	.2	2	2	21	.30	.111	23	13	.36	150	.15	2	2.50	.02	.25	1
LE14 8150N	1	21	30	112	.1	38	16	472	2.31	3	5	ND	7	39	.2	2	2	19	.19	.048	32	12	.32	227	.13	3	2.88	.02	.25	1
LE14 8100N	1	13	35	102	.1	29	13	311	1.76	2	5	ND	5	22	.2	2	2	17	.13	.029	18	11	.31	126	.12	2	1.90	.02	.19	1
LE14 8050N	1	16	32	112	.1	34	16	463	2.12	2	5	ND	5	30	.2	2	2	20	.14	.243	28	10	.26	199	.13	2	2.68	.02	.17	1
LE14 8000N	1	11	22	163	.1	59	21	936	1.94	2	5	ND	5	37	.2	2	2	20	.20	.125	14	10	.24	169	.13	2	2.66	.03	.19	1
LE14 7950N	1	12	26	124	.2	35	14	867	1.72	2	5	ND	4	24	.3	2	2	17	.13	.051	15	10	.26	154	.10	3	1.74	.02	.16	1
LE14 7900N	1	31	33	261	.1	163	40	949	3.13	2	5	ND	9	35	.2	2	2	26	.19	.079	41	14	.37	240	.16	4	4.26	.02	.23	1
LE14 7850N	1	15	15	288	.1	45	13	1100	2.08	2	5	ND	4	46	.7	2	6	22	.27	.246	12	9	.23	218	.14	3	3.29	.03	.12	1
LE14 7800N	1	14	14	141	.2	35	12	632	2.19	2	5	ND	5	29	.2	2	6	26	.19	.114	9	10	.23	157	.16	5	3.67	.03	.12	1
LE14 7750N	1	12	14	155	.1	35	11	782	2.41	2	5	ND	4	35	.4	2	4	25	.18	.105	9	12	.38	180	.15	4	3.40	.03	.15	1
LE14 7700N	1	21	16	153	.1	46	15	797	2.90	2	5	ND	7	41	.3	2	2	27	.30	.040	15	18	.94	159	.18	3	3.80	.05	.19	1
LE14 7650N	1	11	15	130	.1	20	10	488	2.50	2	5	ND	5	34	.2	2	3	25	.23	.096	11	16	.71	132	.16	2	2.67	.03	.14	1
LE14 7600N	1	10	19	107	.1	21	12	714	2.09	2	5	ND	5	26	.2	2	2	20	.13	.068	17	13	.49	166	.13	2	1.95	.01	.22	1
LE14 7550N	1	14	20	88	.1	30	13	374	2.11	2	6	ND	6	29	.2	2	2	24	.15	.081	14	13	.36	208	.15	2	2.42	.02	.17	1
LE14 7500N	1	22	14	87	.1	32	13	377	2.00	6	5	ND	5	32	.2	2	4	25	.22	.094	9	10	.27	191	.15	5	2.95	.03	.14	1
LE14 7450N	1	23	31	118	.1	40	19	758	2.64	5	5	ND	5	24	.2	2	2	31	.18	.038	17	15	.50	195	.16	6	2.70	.02	.17	1
LE14 7400N	1	35	27	153	.1	77	45	699	2.71	6	5	ND	9	22	.2	2	3	27	.15	.056	30	13	.40	123	.16	3	3.72	.03	.17	1
LE14 7350N	1	29	24	126	.1	63	20	706	2.77	2	5	ND	6	33	.2	2	4	30	.21	.021	17	15	.57	263	.17	3	3.48	.03	.21	1
LE14 7300N	1	26	19	157	.1	61	16	855	2.44	3	5	ND	6	29	.2	2	6	28	.21	.124	15	14	.37	242	.17	4	3.40	.03	.20	1
LE14 7250N	1	25	20	105	.2	36	13	514	1.95	2	5	ND	5	29	.2	2	4	28	.22	.127	11	13	.32	173	.13	2	2.18	.03	.16	1
LE14 7200N	1	24	44	141	.1	60	21	505	2.76	4	5	ND	6	24	.3	2	6	32	.19	.093	16	15	.42	176	.16	2	3.24	.03	.16	1
LE14 7150N	1	22	22	117	.1	34	14	423	2.37	2	5	ND	6	23	.2	2	2	27	.15	.140	12	15	.36	185	.14	3	2.65	.02	.16	1
STANDARD C	20	60	40	132	7.4	70	32	1042	3.96	37	18	7	39	52	18.8	10	19	58	.48	.091	38	58	.88	177	.09	33	1.88	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LE14 7100N	1	22	18	110	.1	37	12	603	2.05	2	5	ND	4	23	.3	2	2	25	.18	.102	9	12	.36	185	.14	2	2.42	.02	.18	1
LE14 7050N	1	17	20	137	.1	32	11	674	1.94	4	5	ND	4	36	.2	2	3	20	.20	.148	11	12	.47	201	.14	4	2.48	.03	.18	1
LE14 7000N	1	24	18	109	.1	34	13	278	2.35	3	5	ND	5	29	.2	2	2	23	.18	.063	14	16	.57	202	.15	2	2.47	.02	.33	1
RE LE14 6750N	1	17	29	107	.1	27	14	820	2.47	2	5	ND	6	25	.2	2	2	23	.17	.023	19	17	.77	195	.15	2	2.45	.01	.27	1
LE14 6950N	1	23	21	158	.1	36	14	513	2.46	2	5	ND	6	32	.2	2	2	23	.18	.111	14	16	.61	203	.15	2	2.62	.02	.33	1
LE14 6900N	1	15	18	89	.1	34	14	292	2.00	4	5	ND	2	29	.2	2	2	21	.19	.066	8	12	.35	264	.14	2	2.50	.02	.14	1
LE14 6850N	1	20	24	112	.1	28	15	588	2.50	2	5	ND	4	27	.2	2	2	25	.19	.017	15	20	1.00	183	.17	2	2.24	.01	.42	1
LE14 6800N	1	37	34	144	.1	47	21	1072	3.56	4	5	ND	9	39	.3	2	2	35	.29	.047	36	20	.81	189	.16	2	3.82	.01	.39	1
LE14 6750N	1	20	24	114	.1	28	14	918	2.66	2	5	ND	6	27	.2	2	2	25	.18	.025	21	17	.79	202	.16	2	2.63	.01	.29	1
LE14 6700N	1	14	16	155	.1	36	11	551	2.13	2	5	ND	5	26	.2	2	2	20	.18	.098	13	14	.50	199	.15	2	2.28	.02	.26	1
LE14 6650N	1	15	21	134	.1	49	12	610	2.06	2	5	ND	5	28	.2	2	2	19	.19	.093	13	13	.45	236	.14	2	2.47	.03	.23	1
LE14 6600N	1	22	23	148	.1	40	14	708	2.46	3	5	ND	6	31	.2	2	5	24	.21	.101	16	16	.65	229	.15	3	2.81	.02	.26	1
LE14 6550N	1	20	20	101	.1	43	12	548	2.30	2	5	ND	5	22	.2	2	3	23	.16	.097	12	13	.40	211	.14	3	2.97	.02	.19	1
LE14 6500N	1	15	20	113	.1	29	11	515	2.13	2	5	ND	4	31	.2	2	2	22	.21	.069	14	14	.47	202	.13	2	2.46	.02	.19	1
LE14 6450N	1	18	18	114	.1	35	13	414	2.37	3	5	ND	6	29	.2	2	2	23	.17	.112	16	13	.45	162	.15	2	3.02	.02	.20	1
LE14 6400N	1	15	12	157	.1	36	11	697	2.01	2	5	ND	4	34	.3	2	2	21	.21	.226	10	11	.31	200	.15	3	3.08	.03	.13	1
LE14 6350N	1	14	19	162	.1	30	12	1222	1.97	2	5	ND	5	35	.2	2	2	18	.16	.251	13	12	.42	256	.13	2	2.24	.02	.21	1
LE14 6300N	1	12	20	172	.1	32	13	752	2.12	2	5	ND	6	48	.2	2	2	19	.21	.148	19	14	.52	213	.13	2	2.07	.02	.26	1
LE14 6250N	1	14	14	161	.1	40	12	570	2.26	3	5	ND	5	51	.2	2	6	22	.27	.088	16	12	.48	191	.16	3	2.73	.03	.21	1
LE14 6200N	1	13	18	161	.1	33	13	659	2.07	2	5	ND	6	37	.2	2	2	19	.20	.085	19	12	.38	200	.13	4	2.32	.02	.22	1
LE14 6150N	1	15	19	125	.1	34	15	620	2.15	3	5	ND	7	28	.2	2	2	20	.16	.067	22	12	.36	198	.14	4	2.69	.02	.20	1
LE14 6100N	1	12	15	110	.1	34	13	510	2.06	3	5	ND	6	27	.2	2	2	19	.16	.070	18	12	.36	206	.13	2	2.45	.02	.22	1
LE14 6050N	1	17	19	156	.2	49	14	619	2.26	2	5	ND	7	38	.2	2	2	21	.21	.168	16	13	.37	235	.14	2	3.10	.02	.21	1
LE14 6000N	1	13	23	131	.1	23	13	923	2.02	3	5	ND	6	26	.2	2	2	19	.14	.106	15	12	.37	178	.13	2	2.52	.02	.20	1
LE14 5950N	1	12	15	113	.1	28	13	821	2.06	4	5	ND	6	28	.3	2	2	21	.15	.141	13	12	.33	203	.13	3	2.76	.02	.16	1
LE14 5900N	1	22	14	114	.1	47	15	472	2.48	2	5	ND	7	36	.2	2	2	26	.21	.076	20	13	.36	209	.14	3	3.51	.02	.22	1
LE14 5850N	1	12	13	94	.1	22	9	1037	1.57	2	5	ND	5	27	.2	2	2	17	.15	.039	17	11	.28	156	.11	4	1.65	.02	.20	1
LE14 5800N	1	15	19	146	.1	46	13	952	2.27	2	5	ND	7	36	.2	2	4	20	.20	.184	17	11	.33	271	.14	4	3.17	.02	.23	1
LE14 5750N	1	9	14	78	.1	18	8	231	1.39	2	5	ND	4	19	.2	2	6	15	.13	.017	18	9	.31	76	.10	2	1.48	.02	.17	1
LE14 5700N	1	7	11	78	.1	17	7	410	1.22	2	5	ND	3	18	.2	2	2	15	.12	.016	15	9	.24	100	.10	3	1.16	.02	.14	1
LE14 5650N	1	11	15	106	.1	38	12	377	1.98	3	5	ND	5	29	.3	2	3	17	.16	.060	17	11	.27	224	.12	2	2.66	.02	.23	1
LE14 5600N	1	9	11	57	.1	17	7	228	1.19	2	5	ND	4	20	.2	2	2	15	.11	.017	18	8	.20	113	.09	2	1.20	.02	.12	1
LE14 5550N	1	17	19	82	.1	23	12	317	2.23	5	5	ND	9	17	.2	2	2	20	.08	.035	24	13	.39	115	.14	4	1.97	.01	.26	1
LE14 5500N	1	10	11	90	.1	25	10	522	1.96	3	5	ND	6	21	.2	2	2	22	.11	.079	11	11	.23	171	.14	4	2.47	.02	.12	1
LE14 2000N	1	15	13	109	.4	26	15	316	2.47	3	5	ND	6	23	.2	2	2	28	.15	.103	10	13	.46	112	.16	4	3.49	.02	.15	1
LE14 1950N	1	19	8	97	.2	26	13	252	2.30	2	5	ND	7	36	.2	2	3	25	.21	.075	12	12	.45	146	.18	3	3.41	.03	.18	1
LE14 1900N	1	17	14	103	.2	30	11	211	2.13	2	5	ND	7	33	.2	2	2	22	.20	.116	14	11	.39	120	.17	4	3.32	.04	.17	1
STANDARD C	19	57	39	131	7.3	69	31	1044	3.95	42	18	7	39	52	18.6	11	20	58	.48	.090	38	58	.88	179	.09	34	1.88	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



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
LE14 1850N	1	23	11	94	.1	24	9	150	1.83	2	5	ND	6	33	.5	2	2	19	.21	.081	12	10	.34	111	.16	4	2.68	.05	.20	1
LE14 1800N	1	20	14	110	.2	24	10	276	2.18	6	5	ND	6	30	.2	2	2	22	.24	.120	13	13	.51	116	.18	3	3.40	.05	.15	1
LE14 1750N	1	17	12	104	.1	25	10	256	2.28	7	5	ND	6	35	.3	2	3	23	.24	.182	11	12	.45	127	.18	4	3.42	.04	.18	1
LE14 1700N	1	19	13	203	.1	23	10	403	2.46	4	5	ND	7	74	.2	2	2	25	.44	.258	11	16	.64	208	.19	2	3.04	.05	.21	1
LE14 1650N	1	38	22	182	.1	44	19	535	3.61	2	5	ND	8	39	.2	2	2	31	.32	.047	23	24	1.26	147	.22	2	3.43	.03	.48	1
LE14 1600N	1	30	18	189	.1	43	17	532	3.13	2	5	ND	8	43	.3	2	2	27	.30	.081	20	20	.95	188	.20	3	3.13	.04	.43	1
LE14 1550N	1	22	9	92	.2	24	7	227	1.82	2	5	ND	6	47	.5	2	2	19	.27	.063	10	10	.30	134	.14	3	2.29	.06	.22	1
LE14 1500N	1	33	11	126	.1	36	12	296	2.73	2	5	ND	8	36	.4	2	2	25	.21	.078	16	16	.66	195	.18	3	3.03	.03	.39	1
LE14 1450N	1	96	15	154	.1	115	20	208	3.25	5	5	ND	15	41	.5	2	2	30	.23	.075	44	17	.55	174	.19	2	4.53	.04	.30	1
LE14 1400N	1	48	14	116	.3	37	16	302	2.25	7	5	ND	6	27	.2	2	2	26	.18	.098	14	12	.33	159	.17	4	3.45	.04	.15	1
LE14 1350N	1	45	18	116	.1	34	16	556	2.39	3	5	ND	6	32	.2	2	2	28	.24	.106	15	15	.44	144	.16	2	2.92	.03	.22	1
LE14 1300N	1	26	24	115	.1	44	17	217	2.67	2	5	ND	6	23	.2	2	2	28	.17	.038	27	19	.64	110	.18	2	2.71	.02	.25	1
RE LE14 1500N	1	33	14	129	.1	38	14	302	2.83	2	5	ND	9	36	.2	2	2	26	.22	.081	17	16	.68	204	.19	3	3.17	.04	.40	1
LE14 1250N	1	30	20	109	.1	41	16	259	2.98	2	5	ND	10	18	.2	2	2	30	.13	.156	17	16	.46	142	.18	2	3.95	.02	.18	1
LE14 1200N	1	29	18	106	.1	29	13	259	2.56	3	5	ND	8	17	.4	2	2	28	.13	.132	12	14	.34	125	.16	2	3.90	.02	.14	1
LE14 1150N	1	23	30	109	.1	28	15	609	2.37	3	5	ND	6	19	.2	2	5	25	.14	.120	15	15	.42	132	.16	2	2.71	.02	.19	1
LE14 1100N	1	52	23	134	.1	52	18	451	3.58	2	5	ND	11	30	.3	2	2	36	.22	.069	25	21	.73	135	.19	2	3.96	.03	.32	1
LE14 1050N	1	35	11	88	.1	24	11	281	2.19	2	5	ND	6	25	.3	2	2	25	.17	.096	15	12	.40	144	.17	6	3.50	.04	.16	1
LE14 1000N	1	22	18	125	.1	25	11	327	2.55	2	5	ND	6	23	.3	2	2	25	.16	.107	15	17	.62	148	.17	2	3.15	.02	.19	1
LE14 950N	1	35	24	99	.1	45	20	314	2.69	2	5	ND	9	26	.3	2	2	27	.18	.056	22	16	.53	122	.17	2	3.31	.02	.26	1
LE14 900N	1	15	21	114	.1	20	10	399	1.89	3	5	ND	5	25	.3	2	2	25	.18	.232	8	11	.22	146	.15	2	2.51	.02	.11	1
LE14 850N	1	37	17	181	.1	48	16	237	2.66	2	5	ND	9	28	.2	2	2	26	.19	.112	19	15	.48	121	.17	3	3.33	.03	.27	1
LE14 800N	1	17	19	115	.2	17	10	389	2.17	4	5	ND	6	43	.2	2	2	24	.27	.480	6	11	.18	222	.16	2	3.20	.03	.11	1
LE14 750N	1	26	16	129	.1	23	12	283	2.35	2	5	ND	7	31	.2	2	2	23	.21	.109	18	14	.56	123	.17	2	3.08	.03	.23	1
STANDARD C	19	63	41	126	7.3	67	31	1013	3.89	39	22	7	38	52	18.7	11	20	54	.47	.088	36	59	.86	173	.09	34	1.91	.07	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

EXHIBIT "A"

STATEMENT OF EXPENDITURES

CONTOUR SOIL GEOCHEM PROGRAM

ON LEO 3,4,5,6 and 7 CLAIMS
FORT STEELE M.D.

Covering the period of May 25th to June 8th, 1992

GEOCHEM CONTRACTOR:

G.M. Rodgers - P.Eng. - Sample collection	
489 samples @ \$3.50/sample	\$ 1,711.50
Report writing + interpretation	
+ sample plotting	
3 days @ \$400/day	1,200.00

ASSAYS:

Acme Analytical Labs. Ltd.	
Vancouver, B.C.	
491 samples @ \$4.30/sample	2,111.30

MAP REPRODUCTION:

100.00

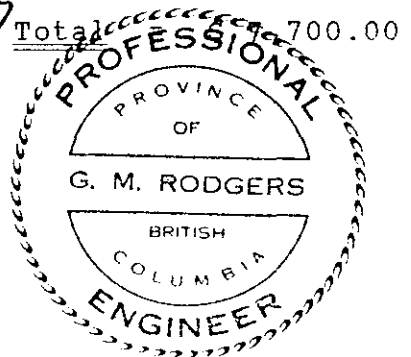
<u>TRANSPORTATION:</u> 1 - 4X4 truck; 10 days @ \$50/day	500.00
Fuel - 10 days @ \$20/day	200.00

<u>MISCELLANEOUS:</u> Sample bags & flagging, etc.	200.00
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SUB-TOTAL =	\$ 6,022.80
P.A.C. =	<u>1,677.20</u>

Total 700.00

GLENN M. RODGERS, P.Eng.



IN THE MATTER OF THE
B.C. MINERAL ACT
AND
IN THE MATTER OF A CONTOUR SOIL GEOCHEM PROGRAM
CARRIED OUT ON THE LEO 3,4,5,6, and 7 CLAIMS
MOYIE LAKE AREA

in the Fort Steele Mining Division of
the Province of British Columbia

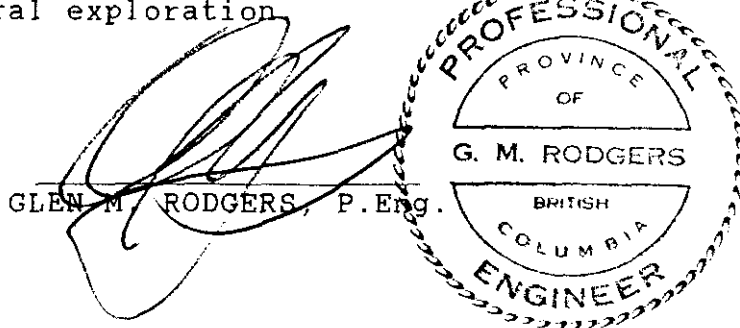
More Particularly N.T.S. 82G/4W

A F F I D A V I T

I, Glen M. Rodgers, of the rural district of Skookumchuck, in the Province of British Columbia, make oath and say:

1. That I am employed as a contract Geologist by Kokanee Explorations Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose;
2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a contour soil geochem program, on the Leo 3,4,5,6 and 7 Mineral Claims;
3. That the said expenditures were incurred between the 25th day of May, 1992 and the 8th day of June, 1992 for the purpose of mineral exploration

GLEN M. RODGERS, P. Eng.



CERTIFICATE

I, Glen M. Rodgers of Skookumchuck, Province of British Columbia, hereby certify as follows:

-I am a consulting geologist presently registered with the Association of Professional Engineers of British Columbia.

-I graduated from the University of Manitoba in 1977 with a bachelors degree in Geological Engineering.

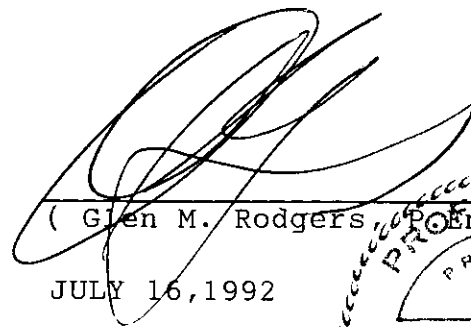
-I have practised my profession continuously since graduation in British Columbia, Yukon Territory, Alaska and Mexico working primarily in the field of mineral exploration.

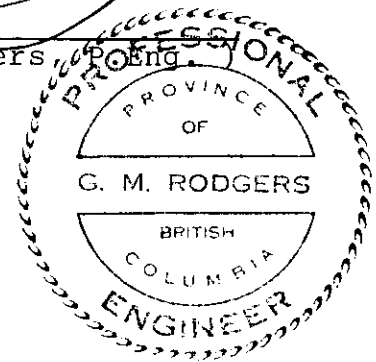
-I am a principal of Kootenay Geo-Services, a proprietorship registered in Victoria ,British Columbia. The office and records of Kootenay Geo-Services are located at Sheep Creek Road, P.O. Box 63, Skookumchuck, B.C., V0B 2E0.

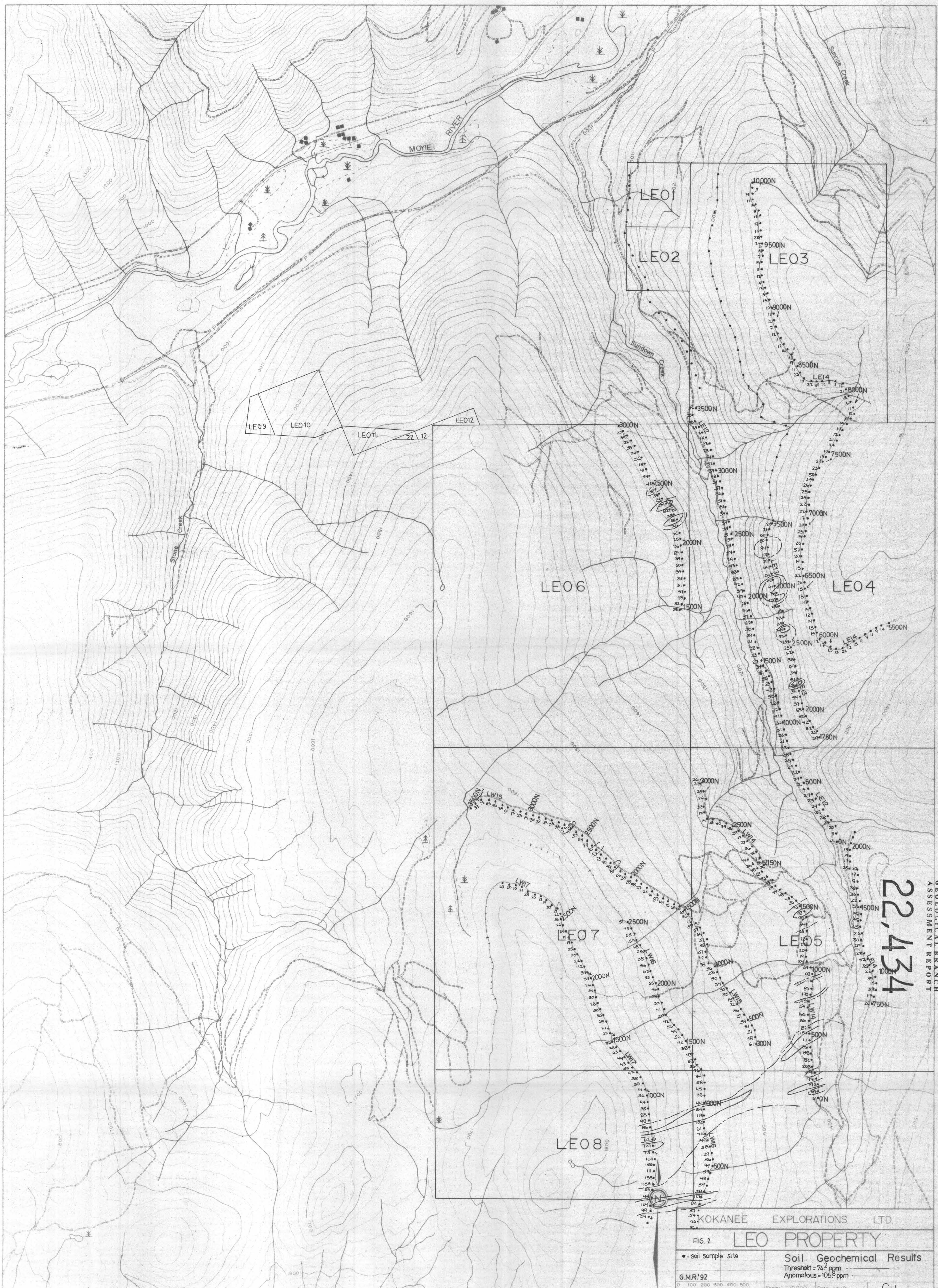
-I have based this report on personal observation and experience while working as geologist for Chapleau Resources Ltd. during 1991.

-I hold no shares of Kokanee Explorations Ltd. or of Consolidated Ramrod Gold Corporation..

-I consent to the use of this report by Kokanee Explorations Ltd. for whatever purposes they deem necessary provided the context is not altered to change its intended meaning.


(Glen M. Rodgers, P.Eng.
JULY 16, 1992





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GEOLOGICAL BRANCH
ASSESSMENT REPORT

KOKANEE EXPLORATIONS LTD.

FIG. 2 LEO PROPERTY

• = soil sample site

Soil Geochemical Results
Threshold = 74² ppm
Anomalous = 105³ ppm

G.M.R.'92

0 100 200 300 400 500 metres

Scale: 1:10,000 Date: July/91

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22,124
GEOLOGICAL BRANCH
ASSESSMENT REPORT

KOKANEE EXPLORATIONS LTD	
FIG. 3 LEO PROPERTY	
● soil sample site	Soil Geochemical Results
	Threshold = 24.8 ppm
	Anomalous = 30.4 ppm
G.M.R.'92	Scale: 1:10,000 Date: July/91
0 100 200 300 400 500 metres	Pb



GEOLOGICAL BRANCH
 ASSESSMENT REPORT
22,434

KOKANEE EXPLORATIONS LTD	
FIG. 4 LEO PROPERTY	
• soil sample site	Soil Geochemical Results
	Threshold = 141 ppm
	Anomalous = 176 ppm
G.M.R.'92	Scale: 100' = 1" Date: July 92
	Zn