

GREY CREEK

NELSON MINING DIVISION

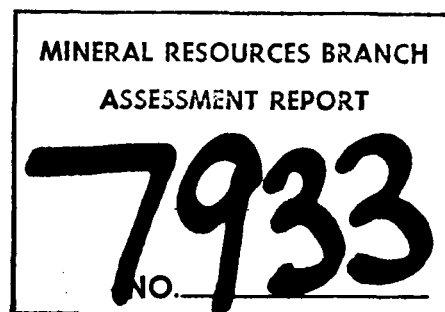
BRITISH COLUMBIA

NTS 82F 10~~1~~W

Lat. 49°35'

Long. 116°46'

GEOCHEMICAL REPORT



R. A. Buckley, P. Eng.

March 1980

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GEOCHEMICAL SOIL SAMPLE GRID - MOLYBDENUM

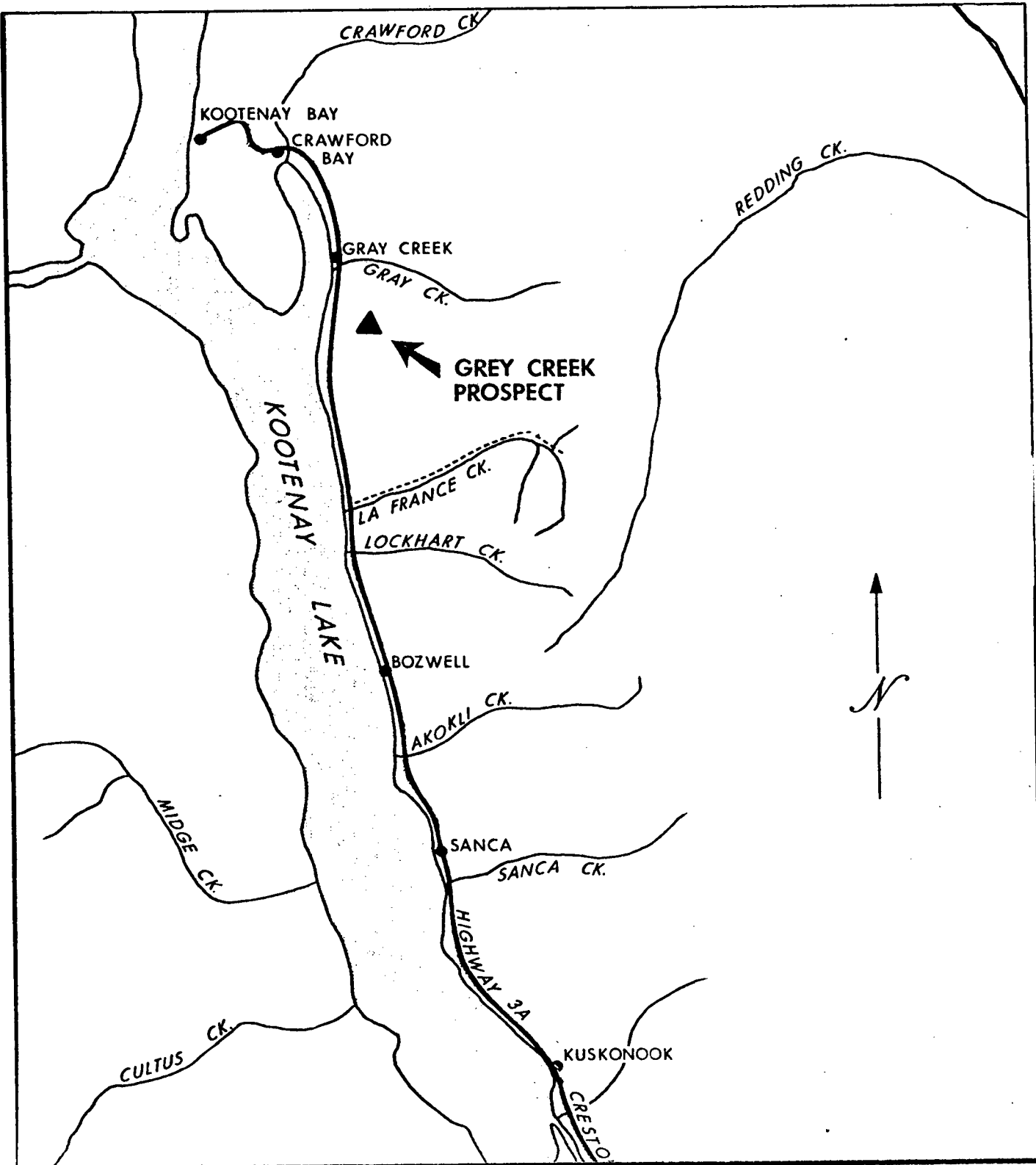
I N T R O D U C T I O N

The Moly No. 1 and MO No. 1 - 4 Claims were staked as a follow-up to known molybdenum occurrences in the Grey Creek-MacFarlane Creek areas on the east side of Kootenay Lake. The occurrence of molybdenum has been known for a number of years in this area with the first staking being done between 1916 and 1919. During this period two adits were driven along white bull quartz veins with showings of molybdenite. The work on these adits is recorded in Bulletin No. 9, Molybdenum Deposits of B.C., Page 49.

The next record of work is mentioned in the Minister of Mines Report for 1966 when United New Fortune Mines Limited staked the Benderby Group of Claims. Soil sampling and diamond drilling was conducted on the claims at that time. In addition to the work by United New Fortune Mines work was also done by Kamalta Explorations with R. (Dick) W. Sargent acting as consulting engineer. Twenty one mineral claims were located by this company and is probably the same ground currently held by the Moly 1, MO No. 1 to MO No. 4 claims. Kamalta Exploration conducted an electromagnetic survey over the claims. It has been reported that one of the diamond drill holes drilled under Mr. Sargent's direction assayed .5 Molybdenum over 80 feet. An assessment report on this area has been filed with the British Columbia Department of Mines as Assessment Report No. 1176.

Work by DeKalb Mining Corporation during the 1979 exploration season consisted of cutting 152,000 feet of line (46 km) and soil sampling. In total 460 soil samples were assayed for molybdenum. The laboratory reports are included in the appendix of this report.

The molybdenum values in parts per million as reported by the laboratory are posted on Figure 1 titled Geochemical Soil Map, Molybdenum. The values were then contoured in the normal manner. The data was analyzed statistically with values for background, threshold and anomalous levels being determined through the use of statistics. These values are appropriately marked on Figure 2.



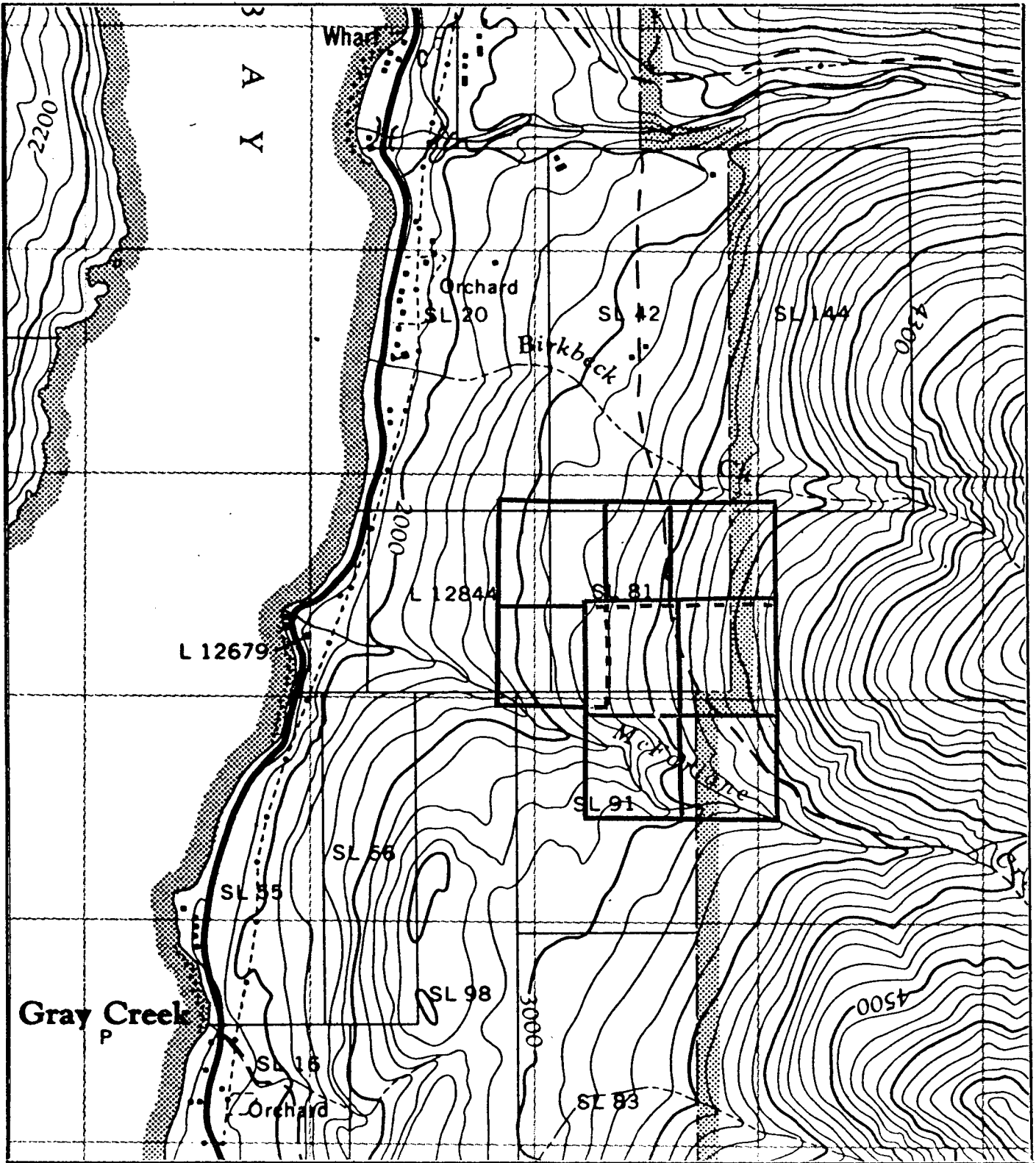
DEKALB PETROLEUM CORPORATION

GREY CREEK PROSPECT
BRITISH COLUMBIA

INDEX MAP
NTS MAP: 82 - F - 10

SCALE: 1" = 4 MILES

80 03 05



DEKALB MINING CORPORATION
 MOLY CLAIMS, GREY CREEK
 BRITISH COLUMBIA

CLAIM MAP

PROSPECTING WITH GEOCHEMISTRY

Before discussing the methods by which geochemical data is processed and anomalous regions determined, a short presentation on why soil analysis is made is in order.

Soil is derived from rock through a combination of mechanical and chemical breakdown of that rock. It will, therefore, be representative of the rock from which it was derived, including any metalliferous concentrations occurring in the original rock.

If the breakdown was of a chemical nature without lateral movement of the resulting soil, then sampling of the soil will effectively be a sample of the underlying rock also. However, in nature this does not occur since erosion, glaciation, river and stream action will have transported the soil from its origin.

For this reason field observations are recorded taking note of the origin of the sampling horizon, whether the sample is taken from the "A", "B" or "C" horizon, direction of drainage and the nature of the drainage. Stream silt sampling techniques are quite different in that it is recognized that stream silt is transported by water action. Anomalous samples will have, therefore, originated upstream from the sample site.

"A" zone sampling is unreliable since this is the organic portion of the soil profile. Metal content varies in this horizon due to organic acids, etc., associated with decaying vegetable matter. The "B" horizon soil sample on the other hand will reflect the nearby metal content of the bedrock as a result of ground water circulation and natural leaching. Since the distribution of metal ions follow the laws of dispersion the metal content of the soil will in most cases probably be representative of the underlying bedrock. Slight modifications will exist due to topography and ground water migration trends.

These are the variables that complicate the interpretation of a geochemical survey, but techniques employing statistics and Gauss's laws of log-normal distribution can be used to assist in the interpretation of the field data.

L A B O R A T O R Y T E C H N I Q U E

The soil samples were collected in the field from the B Horizon using a long narrow spade (caterpillar tractor pad cleaning shovel). Sample holes were dug as deep as two feet or wherever a good undisturbed B Horizon was encountered. Samples were placed in brown Kraft envelopes and forwarded to Chemex Laboratories in Calgary for analysis.

Chemical analysis of the samples employed using standard procedures beginning with the drying and sieving of the sample to a minus 80 mesh. A .5 gram sample was then treated with nitric acid and finally digested totally in perchloric acid, then diluted to 25 ml. and analyzed with an atomic absorption instrument. Copies of the laboratory reports are contained in the appendix of this report.

G E O C H E M I C A L R E P O R T

DATA INTERPRETATION

Laboratory data was plotted on base maps and contoured in the usual manner. These maps appear in the back pockets of this report.

Unless certain parameters are established, an isolated data point or chemical assay has little meaning in geochemical surveys, even if such laboratory data is contoured.

The laboratory data must be evaluated statistically. The most meaningful geochemical maps may be constructed when the data has been derived from a high, homogeneous population. Trace elements in soils will disperse from the source according to fixed distribution laws (Gauss' Law of Lognormal Distribution, i.e., the bell-shaped curve). Therefore, sampling must be done over a large area in order that the whole population will be represented and so that the source of the trace elements may be recognized. Such parameters as background and threshold value are two of the most important values to be determined for each survey. Other parameters such as confidence limits, correlation factors, etc., are of secondary importance.

Before the graphs and the various parameters are discussed, some background to the application of statistics to geochemistry should be presented.

Geochemical maps are most useful if the data is obtained from a large homogeneous population. Two questions arise; one is, 'is the population large enough', and two, 'is the population homogeneous', that is, does the data come from one source? The first question can be answered in the affirmative if the sampling frequency or traverse passes over a postulated mineralized body a number of times. Less prospective country should also be sampled using the same sampling density, thereby establishing a background value.

In a practical sense, this can be determined by constructing histograms of the various metals. A bell-shaped outline, probably skewed to the higher values, indicates a normal distribution of the data. If the histogram is relatively smooth and symmetrical about the mode, then by inspection it can be concluded that sufficient sampling has been done to define the data population.

Data Interpretation (continued)

In determining the answer to the second question, the second derivative of a curve enclosing the histogram can be plotted. If this curve is a bell-shaped curve, then the data occurs in a log-normal distribution mode and is probably derived from one source. A rough approximation of the mode and standard deviation can also be determined from this plot.

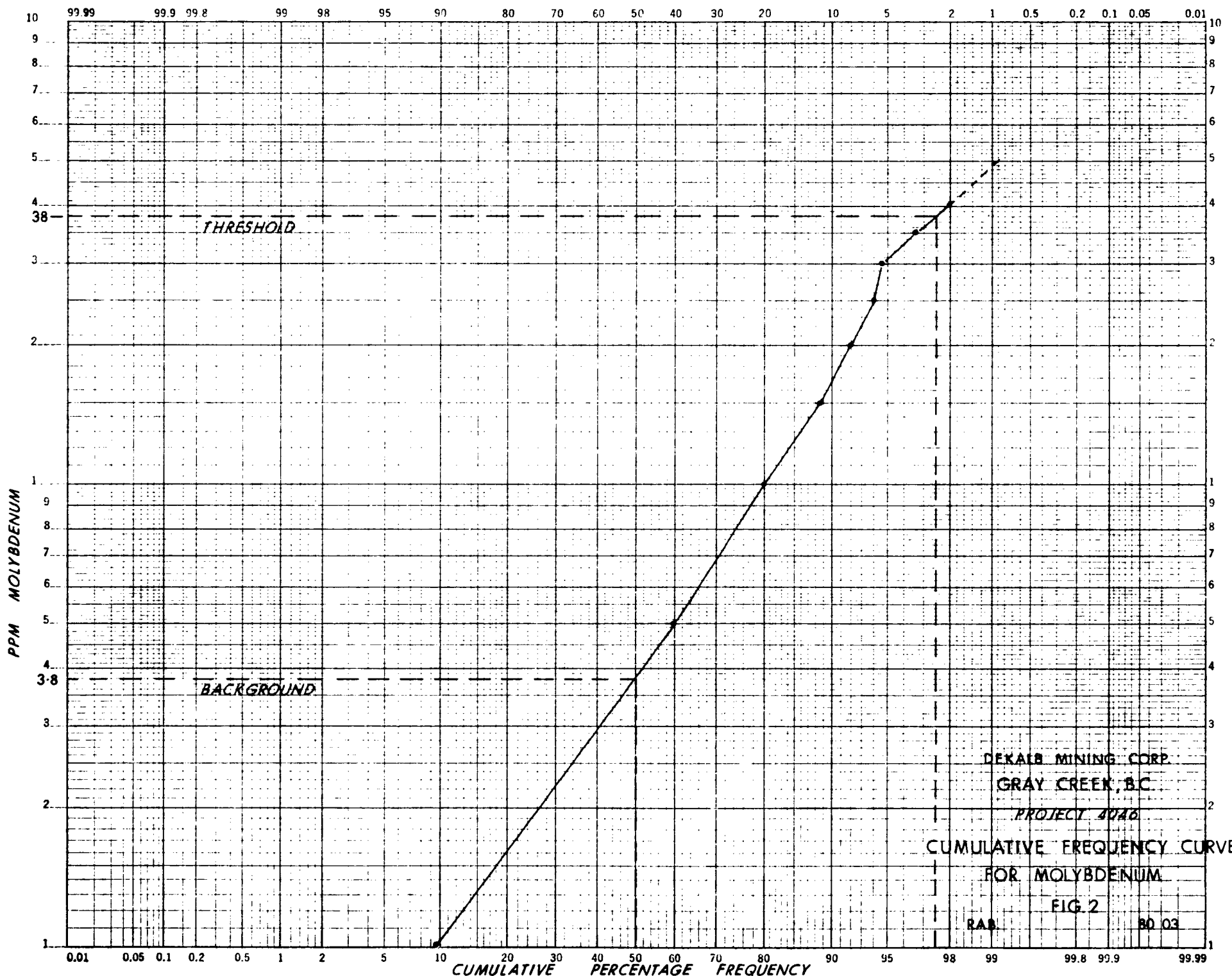
The data can then be plotted on probability-log graph paper, which consists of plotting the metal content on the ordinate log scale and the cumulative percentage frequency distribution on the abscissa. If the resulting plot is a straight line, then the data can be considered as being derived from one source. If there is a break in the curve, i.e., a change in a slope, then two populations of data are contributing to the curve.

The background value in a perfect frequency distribution curve is the mode (most frequent) and is the same number as the median (50% of the values above and 50% of the values below). The background value of the laboratory data, therefore, is the geometric mean of the data. The next parameter obtained from this plot is the standard deviation. The threshold of that value above which all samples can be considered to be anomalous is one standard deviation above the median. The background is, therefore, found on the abscissa at the 50% mark of the cumulative percentage plot, while the threshold value is at one standard deviation above the background at the 97.5% mark.

THRESHOLD

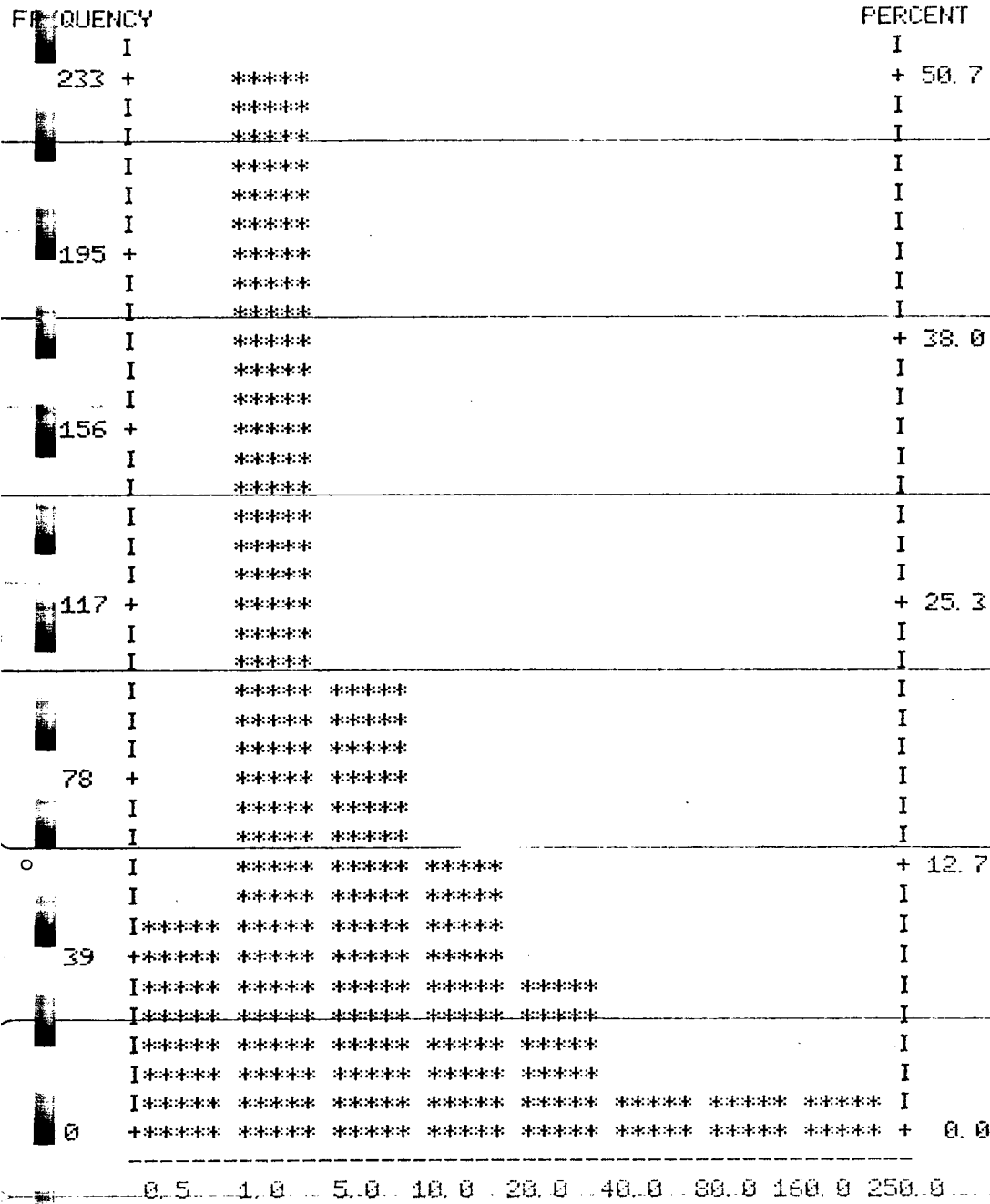
By definition, 97.5% of the individual values fall between two standard deviations from background in the case of symmetrical distribution, either normal or log-normal. That is, 2.5% of the population exceeds the upper limit of two standard deviations. This upward limit is conventionally taken as the threshold level above which the data is considered as being anomalous.

Practically, background and threshold are read directly on the cumulative frequency graph. Figure 2 shows these parameters for molybdenum. The contour maps are colored to emphasize these values and to map areas requiring detailed exploration.



DEKALB MINING CORP.
GRAY CREEK, B.C.
PROJECT 4046
CUMULATIVE FREQUENCY CURVE
FOR MOLYBDENUM
FIG. 2
RAB 80 03

HISTOGRAM



M O L Y B D E N I U M

FIGURE 3

DESCRIPTIVE STATISTICS

VARIABLE: MOLYBDENUM SAMPLE SIZE (N) = 460

SAMPLE STATISTICS:

MEAN = 7.61522 RANGE = 249.5

VARIANCE = 290.178 MINIMUM = .5

STD. DEV. = 17.0346 MAXIMUM = 250

UNBIASED ESTIMATES OF POPULATION PARAMETERS:

VARIANCE = 290.81 STD. DEV. = 17.0532

DATA DISTRIBUTION COEFFICIENTS:

SKEWNESS = 9.03879 KURTOSIS = 108.835

FIGURE 4

F R E Q U E N C Y D I S T R I B U T I O N

DISTRIBUTION OF VARIABLE: MOLYBDENIUM

INTERVAL	FREQUENCY	PERCENT	CUMULATIVE %
0.500 TO 0.999	44	9.6	9.6
1.000 TO 4.999	233	50.7	60.2
5.000 TO 9.999	93	20.2	80.4
10.000 TO 14.999	37	8.0	88.5
15.000 TO 19.999	16	3.5	92.0
20.000 TO 24.999	10	2.2	94.1
25.000 TO 29.999	2	0.4	94.6
30.000 TO 34.999	10	2.2	96.7
35.000 TO 39.999	6	1.3	98.0
40.000 TO 250.000	9	2.0	100.0

T O T A L 460 100.0

FIGURE 5

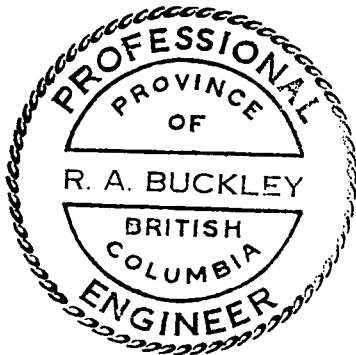
COMPUTER PROGRAM

The statistical calculations were done using The Radio Shack TRS 80 computer and The Radio Shack software "Advanced Statistical Analysis, Catalogue # 26-1705".

The laboratory data was entered into the computer memory and a file built using the tape data file program. This same file was used in all succeeding programs and calculations. There is provision to add, delete and update this file if required. As a convention, and this could be the reason why the histogram is skewed, all values reported by the laboratory as less than 1 ppm was entered on the data file as .5 ppm molybdenum.

The data was then computer plotted as a histogram, Figure 3, using the histogram program. This program provides both frequency of occurrence and percentage occurrence.

The descriptive analysis program was then programmed and calculated the various parameters as printed in Figure 4, a reproduction of the printer printout. In a similar manner the frequency distribution program created the table of Figure 5. The cumulative percentage from this calculation was plotted on probability-log paper to produce the curve of Figure 2. The Appendix contains a print out of the data file and is included as a reference.



A handwritten signature in cursive script that reads "R. A. Buckley".

GREY CREEK REFERENCES

1. Molybdenum Deposits of B.C. Bulletin No. 9,
B.C. Department of Mines - J.S. Stevenson 1941.
2. Nelson Map Area, East Half.
B.C. G.S.C. Mem. 228 - H.M.A. Rice 1941.
3. NTS Map 82 F 10
4. Minister of Mines 1918 - Page 159; 1966 - Page 217;
1967 - Page 248.
5. Assessment Report No. 1176; Geochemical Soil sampling,
Kootenay Lake Property, B.C. Alrae Exploration Ltd., Oct. 4, 1967.

QUALIFICATIONS

R. A. BUCKLEY

- A. I, Ronald A. Buckley, am by profession a Geologist, residing at R.R. #2, Cochrane, TOL OWO, in the Province of Alberta.
- B. I graduated in the year 1957 from Acadia University, Wolfville, Nova Scotia, with a Bachelor of Science Degree in Geology, with a minor in Chemistry and Physics.
- C. I graduated in the year 1959 from McGill University, Montreal, in the Province of Quebec, with a Master of Science Degree in Geology.
- D. Since graduation I have taken updating courses through the Department of Continuing Education at the University of Calgary in Structural Geology (PhD credit course), Sedimentary Geology (PhD credit course), Geochemical Surveying, Property Evaluation, Geology of Stratabound Lead Zinc Deposits, Geology of Reefs (2 courses) and Air Photo Interpretation.
- E. Since graduation, I have been employed by a Mining Company, a Provincial Department of Mines, and three Oil Companies in the search for oil, gas and metallic minerals.
- F. I am a member:

The Alberta Association of Petroleum Geologists
Mineralogical Association of Canada
Society of The Sigma XI
Canadian Institute of Mining and Metallurgy
Association of Professional Engineers of Alberta
Professional Engineers of British Columbia



R. A. Buckley, B.Sc., M.Sc., P. Geol., P. Eng.

A P P E N D I X

DEKALB MINING CORPORATION
 GREY CREEK, B.C.
AFE 4046

<u>PERSONNEL</u>	<u>PERIOD WORKED</u>		<u>ACTUAL PAY</u>		<u>JOB CLASSIFICATION</u>
	<u>Sept.</u>	<u>Oct.</u>	<u>Sept.</u>	<u>Oct.</u>	
W. Krockner	24 - 30	1 - 9	\$ 275.00	\$ 448.50	Soil Sampler
G.K. MacMenagil	24 - 27		428.52		Soil Sampler
A.J. Morris	19 - 30	1 - 9	1,200.00	1,000.00	Project Supervisor
R.A. Buckley	20 - 21		400.00		Exploration Manager
TOTAL			<u>\$2,303.52</u>	<u>\$1,448.50</u>	

DEKORB MINING CORPORATION

ANALYSIS OF EXPENDITURES

GREY CREEK PROSPECT

P.E. # 404C

AS AT FEBRUARY 29, 1980

	1	2	3	4	5	6	7	8	9	10	11	12	13
	CHAS.		PHOTOGRAPHY			CONTRACT LABOR	CO. PERSONNEL			MISC.	EQUIP.		ASSAYING
	SUB...		515	518	520	522	523	525	530	550	570	580	590
MATERIAL													
A/C 385	501	504											
MINING RECORDER	1000												
MORRIS EXPENSE REPORT													
MEALS LODGING							20485						
GROCERIES							11774						
RAIN & AIR										3675			
MORRIS - TIME 9/79							90000						
- MILEAGE							36779						
BUCKLEY - TIME 9/79							40000						
SURVEY SUPPLIES													
CASIMS	800000												
MORRIS EXPENSE REPORT													
MEALS LODGING							22950						
MORRIS - TIME 10/79							100000						
ALLIED HARDWARE													
BUCKLEY EXPENSE REPORT													
MEALS LODGING							6810						
MORRIS MILEAGE 10/79							24904						
BUCKLEY 11/79							20816						
CHLOROX LABS													89700
AIR PHOTOS			11463										
8/30/02/79	801000		11463				374528			3675	23666		89700
PROPOSED ENTRIES:													
BASE MAP (PARA) DEKORB (7/79)								12000					
WIRE CUTTERS 10/79						81910							
11/79						117945							
TOTAL 14,465.49	801000		11463			199865	374528	12000		3675	23666		89700
7149-													

7933

DEKALB MINING CORPORATION
GREY CREEK, B. C.

FEBRUARY 1980

P E COMMENCED
P E COMPLETED
35

COMPANY WI 100.00000
P E NUMBER 4046
LEASE

CODE	DESCRIPTION MAJ ACCT	PRIOR YEAR	CURR YEAR	TOTAL	ESTIMATE	VARIANCE
SEISMIC PROJECT						
5 1	CLAIM ACQUISITION C 385	8,010	8,010	8,010	8,000	10
5 4	ANNUAL WK RECORDING FEE				200	200-
5 15	CONTRACT PHOTOGEOLO 385	115	115	115		115
5 18	CONT GEOCHEMICAL CHGES				6,000	6,000-
5 0	PROCESSING AND INTERPR				3,000	3,000-
5 2	CONTRACT LABOUR	1,998			3,000	3,000-
5 23	CO PERSONNEL & TRAV 385	3,745	3,745	3,745	6,000	2,255-
5 5	DRAFTING AND REPROD.	120			500	500-
5 0	COMMUNICATIONS				200	200-
5 50	MISCELLANEOUS 385	37	37	37		37
5 70	EQUIPMENT 385	237	237	237	2,000	1,763-
5 0	TRENCHING & EXCAVATING				3,000	3,000-
5 90	CORE ASSAYING 385	897	897	897	1,200	303-
TOTAL SEISMIC PROJECT		<u>15,159</u>	13,040	13,040	33,100	20,060-
TOTAL EXPENDITURES		<u>- 8,010</u>	13,040	13,040	33,100	20,060-
COMPANY NET INTEREST		<u>7,149</u>	9,915	9,915	33,100	
AUGUST EST/ACTUAL CURRENT YEAR			9,915			

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ELEMENT # 340	5
ELEMENT # 341	11
ELEMENT # 342	27
ELEMENT # 343	18
ELEMENT # 344	6
ELEMENT # 345	7
ELEMENT # 346	3
ELEMENT # 347	7
ELEMENT # 348	8
ELEMENT # 349	26
ELEMENT # 350	3
ELEMENT # 351	9
ELEMENT # 352	7
ELEMENT # 353	23
ELEMENT # 354	16
ELEMENT # 355	13
ELEMENT # 356	5
ELEMENT # 357	1
ELEMENT # 358	1
ELEMENT # 359	.5
ELEMENT # 360	1
ELEMENT # 361	.5
ELEMENT # 362	1
ELEMENT # 363	.5
ELEMENT # 364	1
ELEMENT # 365	2
ELEMENT # 366	.5
ELEMENT # 367	1
ELEMENT # 368	3
ELEMENT # 369	3
ELEMENT # 370	3
ELEMENT # 371	250
ELEMENT # 372	.5
ELEMENT # 373	1
ELEMENT # 374	2
ELEMENT # 375	2
ELEMENT # 376	2
ELEMENT # 377	2
ELEMENT # 378	1
ELEMENT # 379	3
ELEMENT # 380	.5

ELEMENT # 381	3
ELEMENT # 382	1
ELEMENT # 383	5
ELEMENT # 384	2
ELEMENT # 385	10
ELEMENT # 386	6
ELEMENT # 387	1
ELEMENT # 388	1
ELEMENT # 389	20
ELEMENT # 390	2
ELEMENT # 391	1
ELEMENT # 392	5
ELEMENT # 393	2
ELEMENT # 394	10
ELEMENT # 395	6
ELEMENT # 396	12
ELEMENT # 397	2
ELEMENT # 398	4
ELEMENT # 399	2
ELEMENT # 400	2
ELEMENT # 401	3
ELEMENT # 402	5
ELEMENT # 403	3
ELEMENT # 404	5
ELEMENT # 405	5
ELEMENT # 406	5
ELEMENT # 407	5
ELEMENT # 408	5
ELEMENT # 409	10
ELEMENT # 410	6
ELEMENT # 411	9
ELEMENT # 412	13
ELEMENT # 413	6
ELEMENT # 414	3
ELEMENT # 415	7
ELEMENT # 416	5
ELEMENT # 417	7
ELEMENT # 418	5
ELEMENT # 419	13
ELEMENT # 420	3
ELEMENT # 421	4
ELEMENT # 422	6
ELEMENT # 423	5
ELEMENT # 424	2
ELEMENT # 425	3
ELEMENT # 426	1
ELEMENT # 427	2
ELEMENT # 428	5
ELEMENT # 429	5
ELEMENT # 430	4
ELEMENT # 431	24
ELEMENT # 432	3
ELEMENT # 433	10
ELEMENT # 434	22
ELEMENT # 435	6
ELEMENT # 436	1
ELEMENT # 437	4
ELEMENT # 438	3
ELEMENT # 439	4
ELEMENT # 440	2
ELEMENT # 441	3
ELEMENT # 442	2
ELEMENT # 443	1
ELEMENT # 444	4

ELEMENT # 445	2
ELEMENT # 446	2
ELEMENT # 447	1
ELEMENT # 448	1
ELEMENT # 449	11
ELEMENT # 450	4
ELEMENT # 451	3
ELEMENT # 452	4
ELEMENT # 453	2
ELEMENT # 454	3
ELEMENT # 455	2
ELEMENT # 456	1
ELEMENT # 457	5
ELEMENT # 458	1
ELEMENT # 459	5
ELEMENT # 460	2



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DEKALB MINING CORPORATION

DATE NOV 8/79

AFE 4046 GREY CREEK

PROJECT NO. 8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 1 OF 12

SAMPLE NUMBER	MO PPM
0+00 5+00N	3
4+50	3
4+00	2
3+50	2
3+00	<1
2+50	1
2+00	1
1+50	2
1+00	3
0+50	2
0+00 0+50S	32
1+00	10
1+50	2
2+00	61
2+50	6
3+00	<1
3+50	36
4+00	11
4+50	3
5+00	4
5+50	5
6+00	5
6+50	6
7+00	2
7+50	1
8+00	<1
8+50	1
9+00	2
9+50	2
10+00	2
1+00E 5+00N	2
4+50	4
4+00	3
3+50	5
3+00	5
2+50	2
2+00	3
1+50	2
1+00	3
0+50	2



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PROJECT NO. 8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 2 OF 12

SAMPLE NUMBER	MO PPM
1+00E 0+50S	5
1+00	7
1+50	8
2+00	10
2+50	13
3+00	13
3+50	11
4+00	11
4+50	13
5+00	6
5+50	7
6+00	6
6+50	20
7+00	19
7+50	16
8+00	16
8+50	36
9+00	35
9+50	33
10+00	33
2+00E 5+00N	1
4+50	1
4+00	2
3+50	1
3+00	2
2+50	2
2+00	<1
1+50	<1
1+00	<1
0+50	1
2+00E 0+50S	2
1+00	3
1+50	20
2+00	3
2+50	4
3+00	16
3+50	5
4+00	32
4+50	31
5+00	5



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PROJECT NO. 8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 3 OF 12

SAMPLE NUMBER	MO PPM
2+00E 5+50S	4
6+00	3
6+50	1
7+00	2
7+50	8
8+00	8
9+00	50
9+50	<1
10+00	1
3+00E 5+00N	1
4+50	3
4+00	3
3+50	2
3+00	4
2+50	3
2+00	1
1+50	1
1+00	3
0+50	<1
3+00E 0+50S	4
1+00	2
1+50	16
2+00	2
2+50	7
3+00	2
3+50	2
4+00	3
4+50	8
5+00	3
5+50	3
6+00	2
6+50	5
7+00	3
7+50	3
8+00	7
8+50	4
9+00	6
9+50	3
10+00	6
4+00E 5+00N	<1



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GEOCHEMICAL ANALYSES

PAGE: 4 OF 15

SAMPLE NUMBER	MO PPM
4+00E 4+50N	<1
4+00	<1
3+50	<1
3+00	2
2+50	13
2+00	<1
1+50	1
1+00	<1
0+50	3
4+00E 0+50S	1
1+00	7
1+50	10
2+00	5
2+50	2
3+00	2
3+50	5
4+00	3
4+50	3
5+00	1
5+50	3
6+00	<1
6+50	2
7+00	4
7+50	15
8+00	5
8+50	1
9+00	<1
9+50	5
10+00	37
5+00E 5+00N	8
4+50	<1
4+00	2
3+50	1
3+00	3
2+50	3
2+00	1
1+50	7
1+00	6
0+50	7
5+00E 0+50S	7



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DATE NOV 8/79
 PROJECT NO. 8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 5 OF 12

SAMPLE NUMBER	MO PPM
5+00E 1+00S	15
1+50	7
2+00	9
2+50	12
3+00	4
3+50	4
4+00	18
4+50	24
5+00	3
5+50	3
6+00	5
6+50	4
7+00	3
7+50	2
8+00	2
8+50	4
9+00	3
9+50	3
10+00	4
6+00E 5+00N	2
4+50	1
4+00	1
3+50	<1
3+00	<1
2+50	<1
2+00	1
1+50	2
1+00	1
0+50	4
6+00E 0+50S	5
1+00	13
1+50	22
2+00	47
2+50	90
3+00	32
3+50	7
4+00	8
4+50	3
5+00	5
5+50	12



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DATE

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PROJECT NO.

8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 6 OF 12

SAMPLE NUMBER	MO PPM
6+00E 6+00S	5
6+50	4
7+00	3
7+50	2
8+00	3
8+50	3
9+00	4
9+50	3
10+00	3
7+00E 5+00N	3
4+50	2
4+00	1
3+50	2
3+00	1
2+50	1
2+00	16
1+50	7
1+00	19
0+50	2
7+00E 0+50S	11
1+00	14
1+50	10
2+00	6
2+50	6
3+00	5
3+50	6
4+00	7
4+50	6
5+00	11
5+50	7
6+00	8
6+50	5
7+00	5
7+50	6
8+00	5
8+50	7
9+00	6
9+50	1
10+00	1
8+00E 5+00N	<1



MEMBER
CANADIAN TESTING
ASSOCIATION

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PROJECT NO.

8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 7 OF 12

SAMPLE NUMBER	MO PPM
8+00E 4+50N	1
4+00	<1
3+50	<1
3+00	<1
2+50	2
2+00	8
1+50	1
1+00	3
0+50	2
8+00E 0+50S	30
1+00	3
1+50	16
2+00	38
2+50	16
3+00	8
3+50	20
4+00	12
4+50	5
5+00	10
5+50	8
6+00	18
6+50	10
7+00	14
7+50	2
8+00	4
8+50	17
9+00	3
9+50	4
10+00	2
9+00E 5+00N	3
4+50	2
4+00	3
3+50	2
3+00	2
2+50	2
2+00	4
1+50	4
1+00	9
0+50	4
9+00E 0+50S	6



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GEOCHEMICAL ANALYSES

PAGE: 8 OF 12

SAMPLE NUMBER	MO PPM
9+00E 1+00S	1
1+50	2
2+00	1
2+50	2
3+00	3
3+50	56
4+00	60
4+50	68
5+00	24
5+50	6
6+00	1
6+50	6
7+00	7
7+50	4
8+00	5
8+50	11
9+00	3
9+50	11
10+00	5
10+00E 5+00N	2
4+50	2
4+00	1
3+50	5
3+00	1
2+50	1
2+00	1
1+50	1
1+00	1
0+50	3
10+00E 0+50S	3
1+00	4
1+50	2
2+00	1
2+50	6
3+00	13
3+50	12
4+00	34
4+50	175
5+00	6
5+50	32



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DATE **NOV 8/79**

PROJECT NO. **8147-1-1289**

GEOCHEMICAL ANALYSES

PAGE: **9 OF 12**

SAMPLE NUMBER	MO PPM
10+00E 6+00S	38
6+50	30
7+00	10
7+50	5
8+00	3
8+50	3
9+00	1
9+50	3
10+00	10
BL 5+00W	2
4+50	3
4+00	3
3+50	<1
3+00	<1
2+50	<1
2+00	3
1+50	5
1+00	4
0+50	4
0+00	2
BL 0+50E	5
1+00	11
1+50	27
2+00	18
2+50	6
3+00	7
3+50	3
4+00	7
4+50	8
5+00	26
5+00	3
6+00	9
6+50	7
7+00	23
7+50	16
8+00	13
8+50	5
9+00	1
9+50	1
10+00	<1



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PROJECT NO.
8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 10 OF 12

SAMPLE NUMBER	MO PPM
1+00W 5+00N	1
4+50	<1
4+00	1
3+50	<1
3+00	1
2+50	2
2+00	<1
1+50	1
1+00	3
0+50	3
1+00W 0+50S	3
1+00	250
1+50	<1
2+00	1
2+50	2
3+00	2
3+50	2
4+00	2
4+50	1
5+00	3
2+00W 5+00N	<1
4+50	3
4+00	1
3+50	<1
3+00	2
2+50	10
2+00	6
1+50	1
1+00	1
0+50	20
2+00W 0+50S	2
1+00	1
1+50	<1
2+00	2
2+50	10
3+00	6
3+50	12
4+00	2
4+50	4
5+00	2



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8147-1-1289

GEOCHEMICAL ANALYSES

PAGE: 11 OF 12

SAMPLE NUMBER	MO PPM
3+00W 5+00N	2
4+50	3
4+00	<1
3+50	3
3+00	<1
2+50	<1
2+00	<1
1+50	<1
1+00	<1
0+50	10
3+00W 0+50S	6
1+00	9
1+50	13
2+00	6
2+50	3
3+00	7
3+50	5
4+00	7
4+50	5
5+00	13
4+00W 5+00N	3
4+50	4
4+00	6
3+50	5
3+00	2
2+50	3
2+00	1
1+50	2
1+00	5
0+50	5
4+00W 0+50S	4
1+00	24
1+50	3
2+00	10
2+50	22
3+00	6
3+50	1
4+00	4
4+50	3
5+00	4



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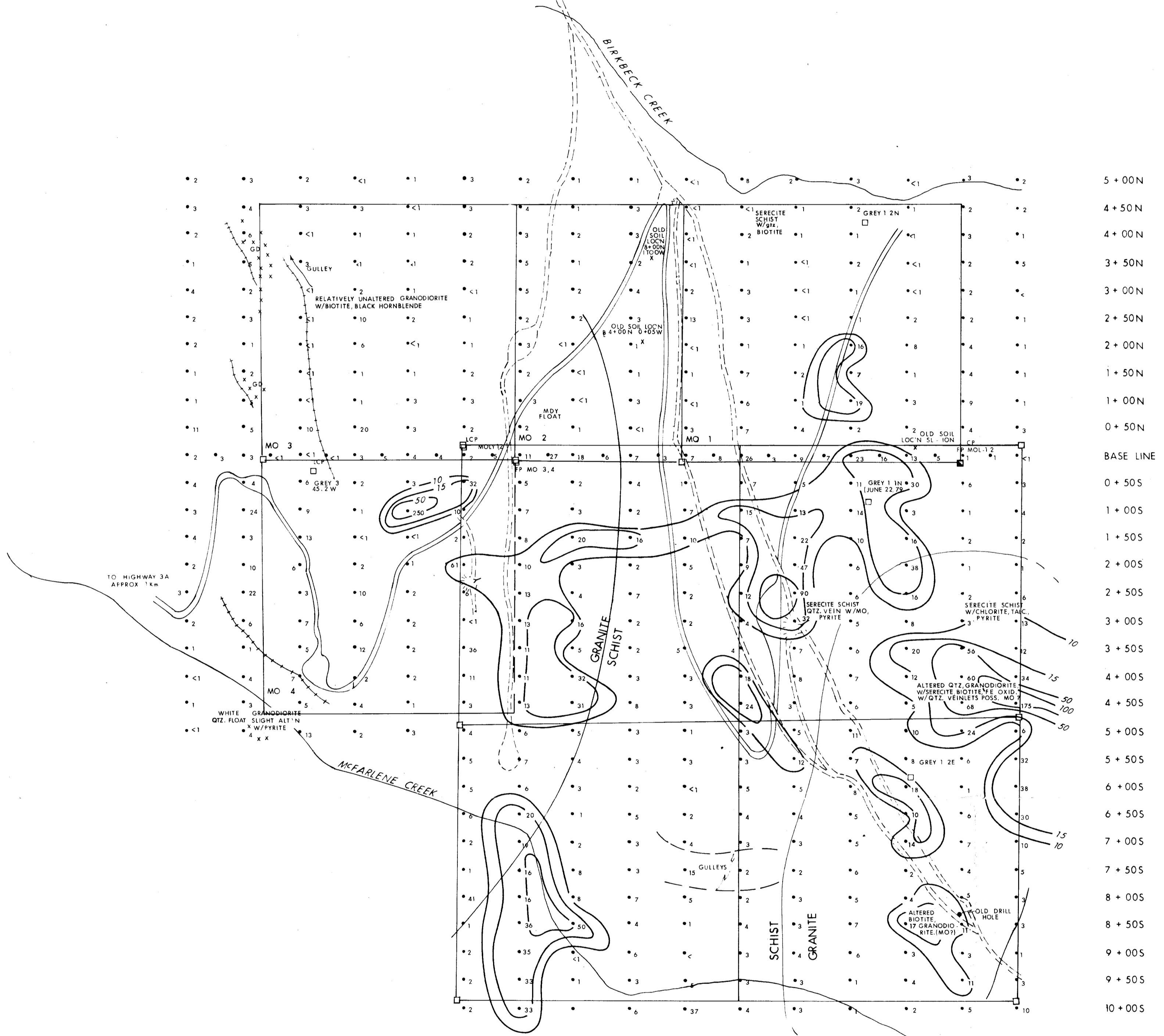
DATE NOV 8/79
 PROJECT NO. 6147-1-1289

GEOCHEMICAL ANALYSES

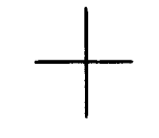
PAGE: 12 OF 12

SAMPLE NUMBER	MO PPH
5+00W 5+00N	2
4+50	3
4+00	2
3+50	1
3+00	4
2+50	2
2+00	2
1+50	1
1+00	1
0+50	11
5+00W 0+50S	4
1+00	3
1+50	4
2+00	2
2+50	3
3+00	2
3+50	1
4+00	<1
4+50	1
5+00	<1

5 + 00W 4 + 00W 3 + 00W 2 + 00W 1 + 00W 0 + 00 1 + 00E 2 + 00E 3 + 00E 4 + 00E 5 + 00E 6 + 00E 7 + 00E 8 + 00E 9 + 00E 10 + 00E

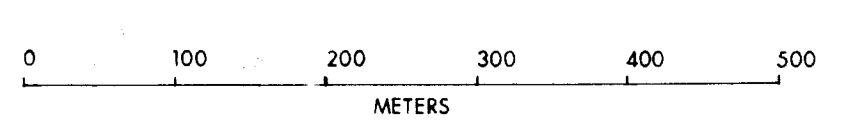


5 + 00N
4 + 50N
4 + 00N
3 + 50N
3 + 00N
2 + 50N
2 + 00N
1 + 50N
1 + 00N
0 + 50N
BASE LINE
0 + 50S
1 + 00S
1 + 50S
2 + 00S
2 + 50S
3 + 00S
3 + 50S
4 + 00S
4 + 50S
5 + 00S
5 + 50S
6 + 00S
6 + 50S
7 + 00S
7 + 50S
8 + 00S
8 + 50S
9 + 00S
9 + 50S
10 + 00S



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7933
NO.

- LEGEND**
- CLAIM POSTS { FP = FINAL POST
CP = CORNER POST
LCP = LEGAL CORNER POST
 - NEW ROADS
 - - - OLD ROADS
 - - - RIDGE
 - GRANODIORITE
 - ^ ADIT



TO ACCOMPANY GEO-CHEMICAL
REPORT MARCH '80
R.A. BUCKLEY P. ENG.

DEKALB MINING CORPORATION	
MOLY CLAIMS - GRAY CREEK BRITISH COLUMBIA	
	GEOCHEMICAL SOIL SAMPLE GRID MOLYBDENUM ppm
	FIG. 1
SCALE: 1:5000	AFE 4046
T. MORRIS	