

GEOCHEMICAL REPORT ON THE
PINE AND FIR GROUPS OF CLAIMS
KAMLOOPS M.D., BRITISH COLUMBIA

C. I. Choi
C. P. Lin
H. K. Conn

9DI/8W, 9W, 10E

March 1972

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GEOCHEMICAL REPORT
ON THE
PINE AND FIR GROUPS OF CLAIMS
KAMLOOPS MINING DIVISION
BRITISH COLUMBIA



for

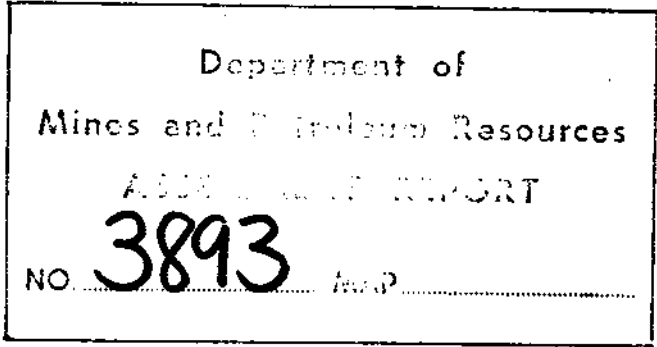
CANADIAN JOHNS-MANVILLE COMPANY, LIMITED
EXPLORATION DEPARTMENT
P.O. BOX 1500
ASBESTOS, QUEBEC

COVERING: PINE CLAIMS #1 - #110
FIR CLAIMS #1 - # 42
HILL FRACTIONS #1 - # 7

LOCATED : 1) 50°28' - 34'N
120°25' - 31'W

2) N.T.S. MAP 921/NE and 921/SE

3) LAC LE JEUNE LAKE AREA, 15 MILES SOUTH OF
KAMLOOPS, KAMLOOPS MINING DIVISION, BRIT-
ISH COLUMBIA



C.J-M PROJECT: 407
WORK PERIOD : JANUARY-JULY, 1971
REPORT DATE : MARCH, 1972

C.I. CHOI (AUTHOR)
C.P. LIN
H.K. CONN, P.ENG.

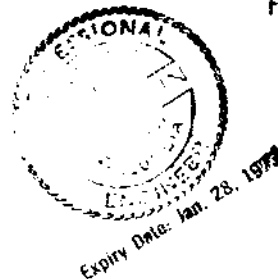


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C.P. Lin
H.K. Conn

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INTRODUCTION:

General:

During the period January 28 to July 12, 1971, geochemical and biogeochemical surveys were carried out in the Pine and Fir claim block, Lac Le Jeune area, Kamloops Mining Division, British Columbia. A total of 1,084 soil and 98 twig samples were collected by the personnel of Canadian Johns-Manville Company, Limited, owners of these blocks.

This survey, in 1971, was a follow-up program of soil and twig sampling commenced in the previous year. Since November 1970, geophysical surveys of induced polarization, electro-magnetic and airborne magnetic methods were carried out for the selection of drilling targets. The property was drilled in April-June 1971.

The results of the current geochemical program are discussed in this report. However, the reader is advised to refer to the previous report entitled "Geochemical Report on the Pine Group of Claims, Kamloops M.D., B.C.", by C.P. Lin and H.K. Conn, written in February 1971.

Location and Access:

The property is located immediately north of Lac Le Jeune Lake, approximately 15 miles south of Kamloops in the Kamloops Mining Division, British Columbia.

Access to the property is by a secondary gravel road that branches off southward from the Trans-Canada Highway. At the entrance to Lac Le Jeune Lodge, one turns eastwards and reaches the southern boundary of the claim block via a campsite road.

Physiography and Vegetation:

The claim area is situated in the interior plateau, bounded by Kamloops Lake to the north and by Nicola Lake to the south.

Physiography and Vegetation: (Cont'd)

Topographic relief on the claims ranges from an elevation of 4,200 feet on Lac Le Jeune Lake to almost 4,800 feet at McConnell Hill.

Most of the area is covered by thick overburden of glacial moraines which show a prominent northwest-southeast glacial movement. Basalt knobs form the only bedrock outcrops.

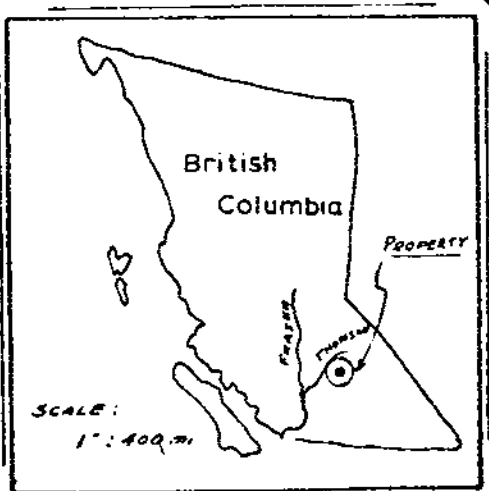
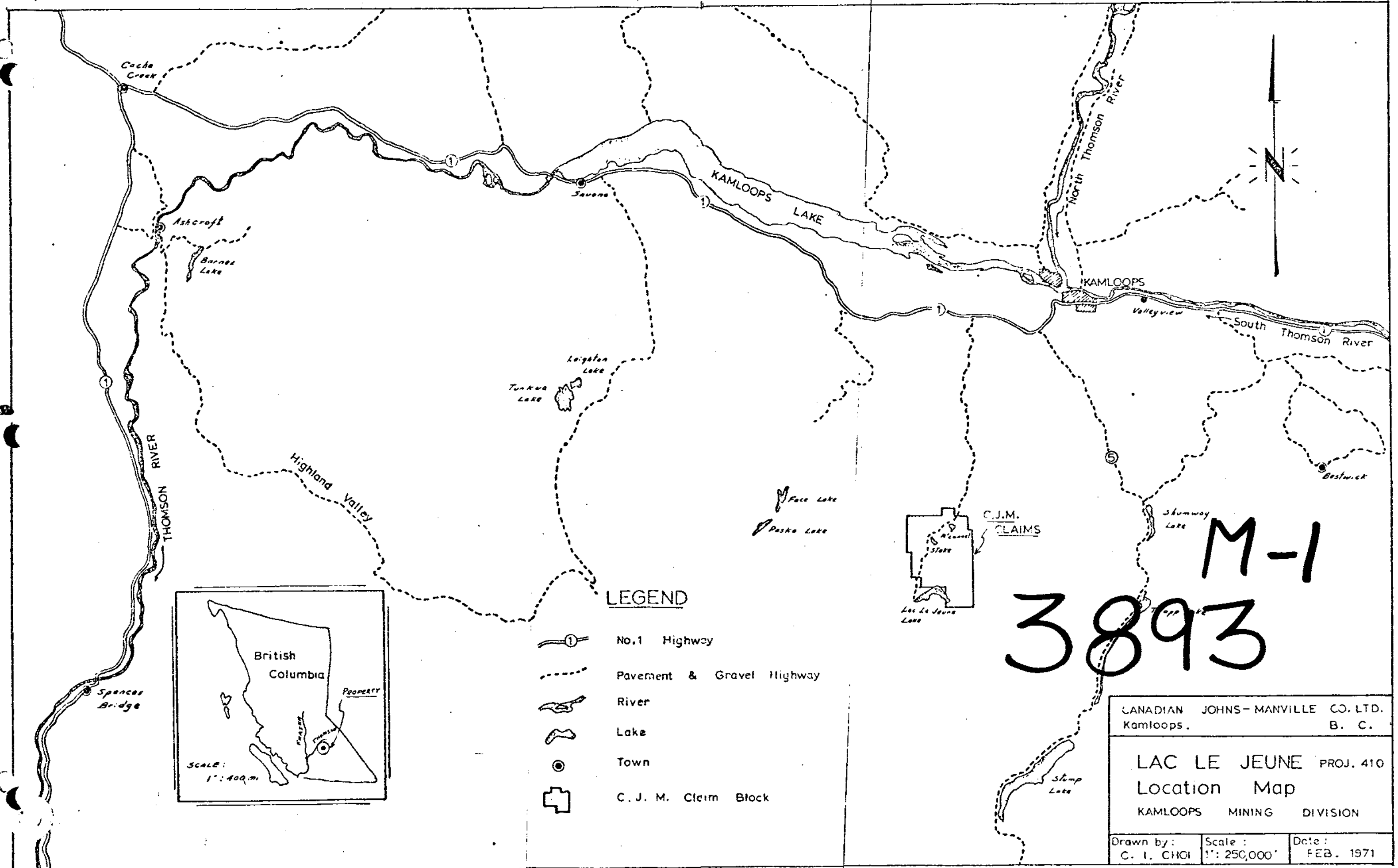
The claim area is generally characterized by dense vegetation, except the talus slope south of McConnell Lake. The vegetation varies from pine, fir, minor poplar, to shrubs and grass; the latter two prevail particularly in the small valleys and the swamp surroundings. The timber line is marked by the 4,600-foot contours on the high areas of basalt exposures.

Geology:

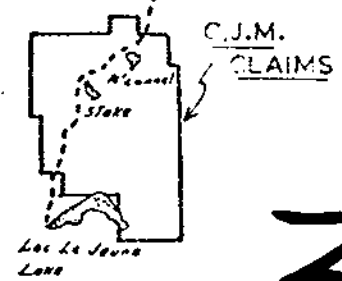
The area is underlain by three different rocks. They are the Jurassic Nicola Batholith, the Nicola Group greenstone of Upper Triassic period, and the Kamloops Group basalt of Tertiary period.

The Nicola Group rocks are composed predominantly of volcanic greenstone that ranges from nearly aphanitic texture to porphyritic. The rock is characterized by strong foliations with high content of medium to coarse-grained crystals of pyroxene and feldspar. Strongly altered, the rock appears dark greyish green as a result of chloritization and epidotization.

Contacting the Nicola Group to the east is the Coast Intrusion Batholith. It consists mainly of grano-diorite and quartz monzonite. The plutonic rock is grey and pink in color, medium to coarse-grained and composed essentially of plagioclase, quartz, biotite, with minor amounts of hornblende, orthoclase, and iron oxide. In many places, the rock has a gneissic and porphyritic texture with conspicuous foliations and coarse grained phenocrysts of feldspar.



- LEGEND**
- No. 1 Highway
 - Pavement & Gravel Highway
 - River
 - Lake
 - Town
 - C. J. M. Claim Block



M-1
 3893

CANADIAN JOHN'S-MANVILLE CO. LTD. Kamloops. B. C.		
LAC LE JEUNE PROJ. 410 Location Map KAMLOOPS MINING DIVISION		
Drawn by: C. I. CHOI	Scale: 1" = 250,000'	Date: FEB. 1971

Department of
Mines and Geology
NO. 3893 M.P. #1

Geology: (Cont'd)

In the eastern portion of the claim block, layers of volcanic lava have blanketed the plutonic rock and formed the olivine-rich, vesicular basalt of the Kamloops Group. It is characterized by well-developed columnar joints. In some places, iron stain and amygdaloidal iron oxide are present in association with pyrrhotite. According to the diamond drill records, the rocks of the Kamloops Group vary from basalt to agglomerate, breccia, tuff and even siltstone.

No definite indications of economic mineralization has been observed in the claim area to date. Scarce outcrops and thick overburden that allow only minimal prospecting might have reduced the chance of discovery. Nevertheless, rare chalcopyrite has been found in drill hole BJ#1. It occurs in association with quartz veins in the slightly altered grano-diorite at the depth of 745 feet. Attention is drawn to the fact that disseminated pyrite and limonitic stain prevail throughout the drill core.

GEOCHEMICAL SURVEY:

A total of 1,084 soil samples and 98 twig samples were collected from the claim area during the period January 28 to May 28, 1971. The survey techniques are described separately under "Soil Sampling" and "Twig Sampling".

A. Soil Sampling:

Field Methods:

Most of the soil samples were collected at 200-foot intervals along traverses from the area west of the Lac Le Jeune road. Some follow-up samples at 50-foot intervals were collected from the I.P. anomalies. The traverses are E-W grid lines at 200-foot spacings and were controlled by chain and compass.

A. Soil Sampling:

Field Methods: (Cont'd)

Sample stations were marked on the ground by orange flagging.

An attempt was made to obtain B-horizon soil wherever possible. When B-horizon is absent, A-horizon and organic materials were taken. The samples were collected with a soil auger from the depth of six to ten inches. The field observations at each station were recorded and included the following items:

- a. color
- b. texture
- c. direction of drainage
- d. soil horizon and depth
- e. physiography
- f. soil type
- g. remarks

Analytical Techniques:

All soil samples were shipped to the Vancouver laboratory of Bondar-Clegg & Company, Limited for geochemical analyses of copper, molybdenum, lead, zinc, uranium, silver and tungsten.

The samples were dried at 40° to 50° C in infra-red ovens and sieved to -80 mesh in Tyler sieves. An aliquot of the -80 mesh fraction was digested in various agents to extract the elements. A description of methods used and the detection limits is presented as follows:

<u>Elements</u>	<u>Extraction Method</u>	<u>Determination Method</u>	<u>Detection Limit</u>
Cu	Hot Aqua Regia	Atomic Absorption	1 ppm
Mo	"	"	1 ppm
Pb	"	"	1 ppm
Zn	"	"	1 ppm
Ag	"	"	0.2 ppm
U	H NO3	Fluorimetric	1 ppm
W	K2 CO3	Colorimetric	2 ppm

A. Soil Sampling:

Classification of Data:

The analytical results were treated statistically by logarithmic methods described in the paper entitled "Study of the Distribution of Geochemical Data" by Tennant and White in Economic Geology, volume 54.

The analytical data were plotted on logarithmic probability papers (see Appendix III) and were classified into four categories as follows:

Negative	$0 - b$
Possibly anomalous	$(b+1) - (b+s)$
Probably anomalous	$(b+s+1) - (b+2s)$
Anomalous	Over $(b+2s)$

The background "b" is the median and approaches the geometric mean; "s" is the "probit" or logarithmic equivalent of standard deviation; " $b+2s$ " is considered as the threshold for anomalous values. It is noteworthy that a lower threshold occurs at the base of the anomalous population and approximates " $b+s$ " in most cases.

Molybdenum results have been attempted for the geometric classification. It appears that their values are generally low and distribution is uneven. Therefore, statistical treatment was omitted. The samples analyzed for tungsten were insufficient for statistical classification.

Presentation of Data:

Sample locations and results were presented on two adjoining map sheets, 1" = 500', Sheet #1 for the northern half and Sheet #2 for the southern half of the claim area. The geochemical results were plotted at each sample station on separate map sheets for each element. Standard symbols for anomalous categories were marked on the stations.

A. Soil Sampling:

Presentation of Data: (Cont'd)

Cumulative frequency distribution of Cu, Zn, Pb, Ag, and U were plotted separately on sheets of logarithmic probability paper.

B. Twig Sampling:

A total of 98 twig samples were collected from the area of feldspar porphyry outcrops as recommended by K. Schrijver in June 1971.

Field Methods:

Sampling was confined to the west of McConnell Lake surrounding the exposures of porphyry dyke. Samples were approximately located by chaining at 200-foot intervals along the grid. Sample station was flagged. Stems of second year growth without needles were taken from the logdepole pine trees. Preferences were southerly growing branches at head level. The average height of the sampled tree is 20 to 25 feet.

Observations concerning slope of drainage, height of twig taken, height of tree, direction of branch growth were recorded on the field data sheets for each sample.

Analytical Techniques:

All 98 samples were analyzed in the Vancouver laboratory of Bondar-Clegg & Company, Limited for copper, molybdenum, silver, lead and zinc. The samples were dried at low heat on receipt, their needles being removed. Then the portions of the second year growth were selected and ground before being ashed completely in a three step process.

The ash was taken up in acid to dryness and afterwards was digested in weak HCl. The metal content of each sample was determined by atomic absorption and colorimetric means at various detection limits of one and 0.2 ppm. A description of the method used and detection limits are depicted as follows:

B. Twig Sampling:

Analytical Techniques: (Cont'd)

<u>Element</u>	<u>Extraction Method</u>	<u>Determination Method</u>	<u>Detection Limit</u>
Cu	HCl	Atomic Absorption	1 ppm
Pb	"	"	1 ppm
Zn	"	"	1 ppm
Ag	"	"	0.2 ppm
Mo	"	Colorimetric	1 ppm

Classification of Data:

The reader is advised to read "Soil Sampling" section for Data Classification methods.

The anomalous categories in the previous geochemical report by Lin and Conn were adopted here as the two groups of samples were collected from the same area.

Presentation of Data:

See "Soil Sampling".

DISCUSSION OF RESULTS:

The objective of the current geochemical survey was to extend the copper and molybdenum anomalies indicated by the ^{geo}geochemical survey of the previous year. Thick overburden of transported glacial moraines heavily mask the local ground. As a consequence, the general geochemical results seem to rarely offer appreciable significance or definite conclusions. Nevertheless, the statistical and the ground distribution of the elements lend aspects worth reviewing and discussing.

No definite indications of economic mineralization have been observed in the claim area to date.

DISCUSSION OF RESULTS: (Cont'd)

Scarce outcrops and thick overburden that allow only minimal prospecting might have reduced the chance of discovery.

Thick overburden (128 feet) was indicated by drill hole BJ#2. This suggests that the initial molybdenum anomaly found in the southwestern portion of the claim area has been transported.

The threshold, background and ratio of the two for each element are tabulated as follows:

Soil Sampling (1,084 Samples - 1971)

	<u>Background</u>	<u>Threshold</u>	<u>Threshold/Background</u>
Cu	34	69	2.03
Mo	L o w v a l u e s		
Pb	8	15	1.88
Zn	44	80	1.82
Ag	0.9	1.6	1.78
U	0.4	2.5	6.25

Twig Sampling (406 samples - 1970)

Cu	204	316	1.55
Pb	180	298	1.65
Zn	1,660	2,760	1.66
Mo	4.6	1.6	3.48
Ag	7.8	13.5	1.74

Statistical Distribution:

The statistical distribution of soil sample results is discussed as follows:

Cu:

It is obvious that two populations are present. The anomalous population starts at its lower threshold, which corresponds well to "b+s", 48 ppm. It should be pointed out that the threshold value is taken from the projection of the background population.

Zn:

Two populations are present.

Statistical Distribution:

Zn: (Cont'd)

The slightly anomalous population deviates from the background population at the lower threshold 70 ppm, which is close to "b+s", 60 ppm. The largely continuous background distribution does not suggest a significant anomaly.

Pb:

A distinct branch-off of the anomalous population from the background population occurs at 15 ppm which is considered as the threshold. A gap between 24 and 29 ppm separates the anomalous population in two. Lack of soaring trend of distribution suggests that no significant anomaly is present.

Ag:

The distribution is primarily consisted of a background population. A minor anomalous population occurs above the threshold, which corresponds to the "b+2s" value of 1.6 ppm at 97.5 percentile.

Mo:

The background values are under the analytical detection limit 1 ppm. No significant anomaly is present. A break between 8 and 23 ppm may represent certain differentiation on the ground.

U:

The lower threshold of an anomalous population occurs, in the author's interpretation, at "b+s", 1.0 ppm. Of all the elements in analysis, uranium shows the highest threshold/background ratio at 6.25.

Ground Distribution:

Cu:

A slightly anomalous zone of soil sampling is present to the northwest of Stake Lake in an area underlain by Nicola Group greenstone contacting the Nicola Batholith.

Ground Distribution:

Cu: (Cont'd)

Possible source of mineralization is the local contact. Thought is also given to the shadow effect resulted from northwest-southeast glacial movement. In this case, the anomaly is transported and its source should be traced further to the northwest.

Zn:

Two weak anomalous zones occur in the soil sampling grid. One is in association with the copper zone described above and may share a similar source as discussed. A second zone is present in the northern portion of the claim block where the underlying rock is the Nicola Group greenstone. This zone is characterized by coinciding lead anomalies. Lack of significantly high values warrants no meaningful interpretation.

Pb:

Weak anomalies, scattered in the survey area, are grouped in three zones:

- (i) southwestern portion of the claim block over the batholith/greenstone contact
- (ii) west of McConnell Lake in association with the porphyry outcrops
- (iii) northern portion of the claim block

The first zone is superimposed by weak anomalies of copper, zinc and silver and may be a local expression of possible contact mineralization, or a transported anomaly derived from the northwest.

The second zone is in the twig sampling grid overlying buried batholith and exposed plagioclase porphyry.

The third zone is loosely superimposed on weak zinc anomalies. The general weakness of values in the last two zones rarely justify any definite interpretation.

Ground Distribution: (Cont'd)

Ag:

Fairly high results of twig sampling (11 - 21.3 ppm) delineate an anomaly northwest of McConnell Lake. An I.P. anomaly, approximately 1,500 feet southeast of the silver zone, was located by Spartan Aero Limited in 1970. Weak silver anomalies are present in association with other elements over the contact area west of Stake Lake in the soil sampling grid. Its significance has been discussed previously under "Pb".

Mo:

General negative values lend little significance to the sparsely distributed stations of moderate values (23 - 36). Molybdenum is omitted on the composite anomalous map.

U:

A zone of weak uranium anomaly occurs in coincidence with copper, silver and partial lead zones north of McConnell Lake.

Slightly anomalous uranium values are present over the contact in the southwestern portion. Its significance has been discussed.

W:

A total of 164 selective samples were analyzed for tungsten and showed negative results.

CONCLUSIONS AND RECOMMENDATIONS:

The general lack of high values in the soil and twig sampling surveys offers no decisive indication of significant mineralization in the claim block.

Three weak anomalies of superimposed metal values are delineated by the geochemical results. One lies west of Stake Lake over the contact zone of Nicola batholith and Nicola group greenstone.

CONCLUSIONS AND RECOMMENDATIONS: (Cont'd)

The second one occurs in the northern portion of the claim block and the third one is present to the west of McConnell Lake in the pluton area characterized by porphyry outcrops.

Based on the results of the current survey, no further geochemical sampling is recommended.

COST ANALYSISA. Geochemical Survey: (Soil Sampling)1. Labor Costs: (January 28 to May 28, 1971)

C. Binnie - Sampler	- 71 days @ \$22	\$ 1,562.00
T. Whibley	" - 20 days @ \$20	400.00
A. Gussen	" - 42 days @ \$22	924.00
D. Binnie	" - 10 days @ \$20	200.00
K. Kempfle	" - 3 days @ \$20	60.00
		<u>\$ 3,146.00</u>

2. Camp Costs:

146 man days @ \$7	1,022.00
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3. Transportation:

Rental of Skidoo (January to February 1971) - 6 weeks @ \$100	600.00
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4. Analytical Costs:

1,084 samples analyzed for Cu & Mo @ \$2	\$ 2,168.00
1,084 samples analyzed for Pb, Zn, Ag @ \$1.50	1,626.00
1,084 samples analyzed for U @ \$2	2,168.00
165 samples analyzed for W @ \$2.50	412.50
	<u>\$ 6,374.50</u>

Sub-Total

\$ 11,142.50

B. Biogeochemical Survey: (Twig Sampling)1. Labor Costs: (June 30 to July 12, 1971)

C.I. Choi - Geologist - 8 days @ \$28.53	228.24
R. Luscombe - Ass't - 8 days @ \$18.00	144.00
	<u>\$ 372.24</u>

2. Travel Costs: (June 30 to July 12, 1971)

Vehicle for 8 days - 40 miles per day Kamloops - Lac Le Jeune return @ \$1.50 per mile	\$ 48.00
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3. Analytical Costs:

98 samples analyzed for Cu, Pb, Zn @ \$1.50	\$ 147.00
98 samples analyzed for Mo, Ag @ \$1.50	147.00
Sample preparation - 98 @ \$2.50	245.00
	<u>539.00</u>

Sub-Total

\$ 595.24

COST ANALYSIS
(Continued)

C. Report Preparation:

1. Compilation;

C.I. Choi - Geologist - 10 days @ \$30 \$ 300.00

2. Drafting:

C.I. Choi - 18 days @ \$30 540.00

3. Reproduction

125.00

Sub-Total

\$ 965.00

GRAND TOTAL

\$ 13,066.74

STATEMENT OF QUALIFICATIONS

I, Herbert Keith Conn, of the town of Asbestos, do hereby declare that:

1. I am a mining geological engineer employed as Exploration Manager for Canadian Johns-Manville Company, Limited, P.O. Box 1500, Asbestos, Quebec.

2. I have practised in the geological profession for twenty-two years and specialized in economic geology and exploration procedures for the past twenty-one years.

3. I am a graduate of the University of Toronto, Toronto, Ontario, with a degree of B.A.Sc. (Mining Geology), 1948.

4. I am a member of the following professional associations:

- (a) Corporation of Engineers of Quebec
- (b) Non-resident member of the Association of Professional Engineers of the Province of British Columbia
- (c) Fellow of the Geological Association of Canada
- (d) Fellow of the Society of Economic Geologists
- (e) Member of the Canadian Institute of Mining and Metallurgy
- (f) Member of the American Institute of Mining Engineers

5. This report is based on published and unpublished information.

February 1972

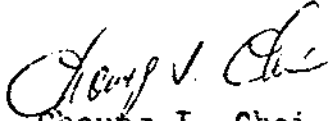


H.K. Conn, P.Eng., Exploration Manager
Canadian Johns-Manville Co., Limited

Statement of Qualification

- I. CHOUNG IL CHOI, of the town of Kamloops, British Columbia, do hereby certify that:
1. I am a exploration geologist residing at 639 Carson Crescent, Kamloops, B.C., and employed by Canadian Johns-Manville Company Limited.
 2. I have practised as a geologist for 14 years, with the following employments.
1968 - 1972 Canadian Johns-Manville Co. Ltd.
(Exploration geologist)
1958 - 1967 Geological Survey of Korea
(Mining geologist & Hydro-geologist)
 3. I am a graduate of the Seoul National University, Korea, with a B.A.Sc. in geology, 1958.
 4. The cost of the survey discussed in this report and analyzed in Appendix I are, to the best of my knowledge, correct.
 5. This report is based on published and unpublished information.

Date : March 1972

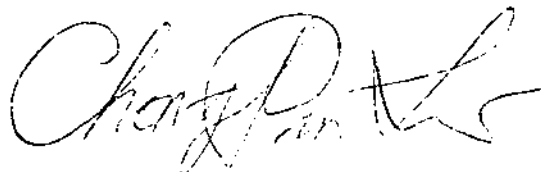

Choung I. Choi

STATEMENT OF QUALIFICATIONS

I, Chong-Pin Lin of the town of Asbestos in the Province of Quebec, hereby certify that:

1. I am a mining exploration geologist with four years of experience.
2. I am a graduate of the following universities:
National Taiwan University B.A. (Geology) 1965
(Republic of China)

Bowling Green State University M.A. (Geology) 1969
(Ohio, U.S.A.)
3. I am employed by Canadian Johns-Manville Company, Limited, P.O. Box 1500, Asbestos, Quebec, as a geologist. My permanent address is in Asbestos.
4. I am an affiliate member of the Association of Exploration Geochemists, a member of the Canadian Institute of Mining and Metallurgy, and a member of the Geological Association of Canada.
5. I helped interpret the technical data.



Chong-Pin Lin, M.A., Geologist
Canadian Johns-Manville Co., Ltd.

March 1972

DATA STATISTICS

CUMULATIVE FREQUENCY DISTRIBUTIONS FOR CU, ZN, PB, AG, U

COPPER

CUMULATIVE FREQUENCY DISTRIBUTION

by C. I. CHOI

FEB. 1972

WEST OF PINE CLAIMS
1084 SOIL SAMPLES

NEGATIVE	0	—	34 ppm
POSS. ANOM.	35	—	48 ppm
PROB. ANOM.	49	—	69 ppm
ANOMALY		+	70 ppm

BACKGROUND (b)

34 ppm

(b + s)

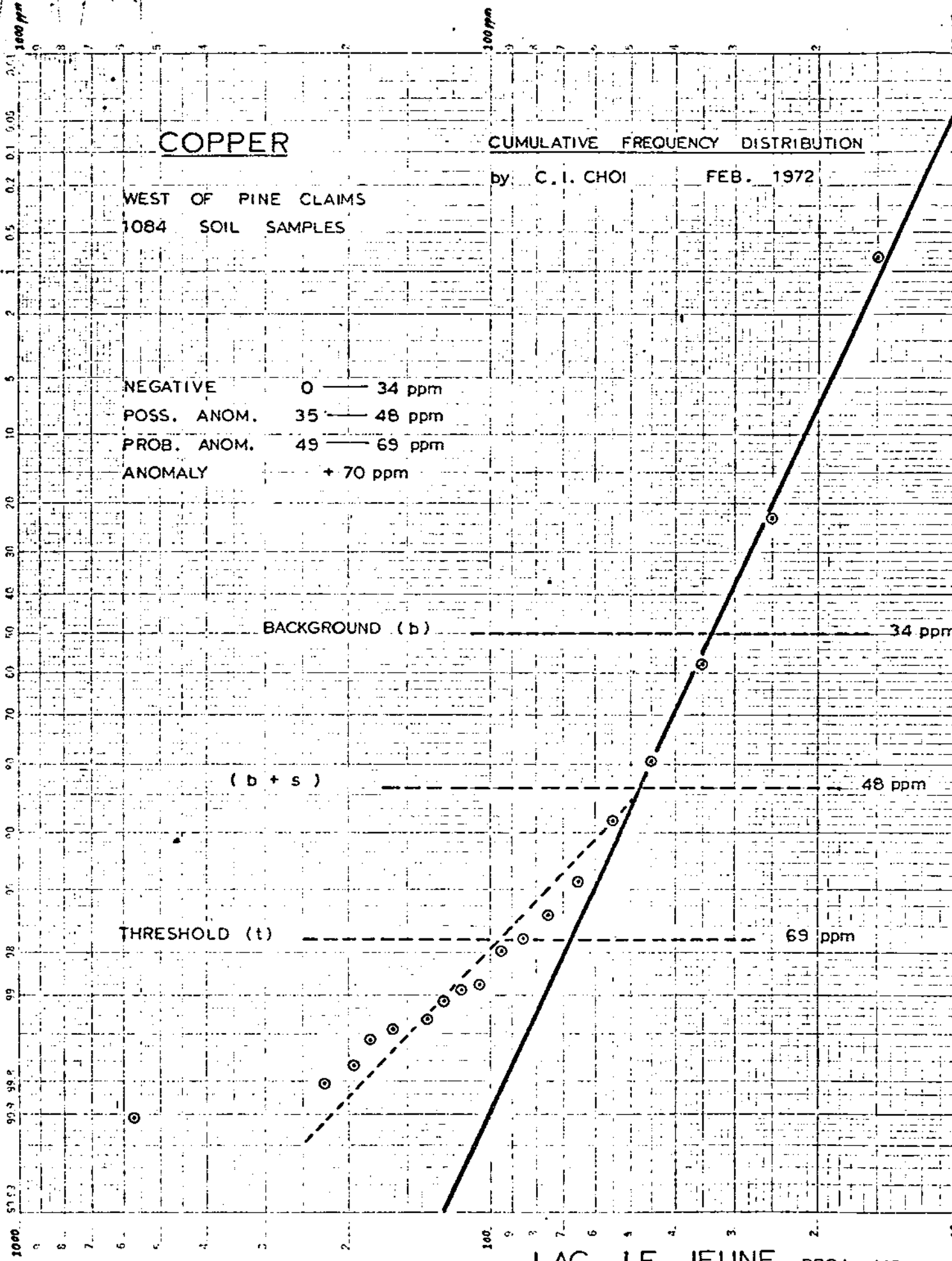
48 ppm

THRESHOLD (t)

69 ppm

LAC LE JEUNE PROJ. 410

PROBABILITY 48 8043
SOURCE: 1084 SOIL SAMPLES



ZINC

CUMULATIVE FREQUENCY DISTRIBUTION
by C. I. CHOI FEB. 1972

WEST OF PINE CLAIMS
1084 SO L SAMPLES

NEGATIVE	0	—	44 ppm
POSS. ANOM.	45	—	60 ppm
PROB. ANOM.	61	—	80 ppm
DEFI. ANOM.			+ 81 ppm

BACKGROUND (b)

44 ppm

(b + s)

60 ppm

THRESHOLD (t)

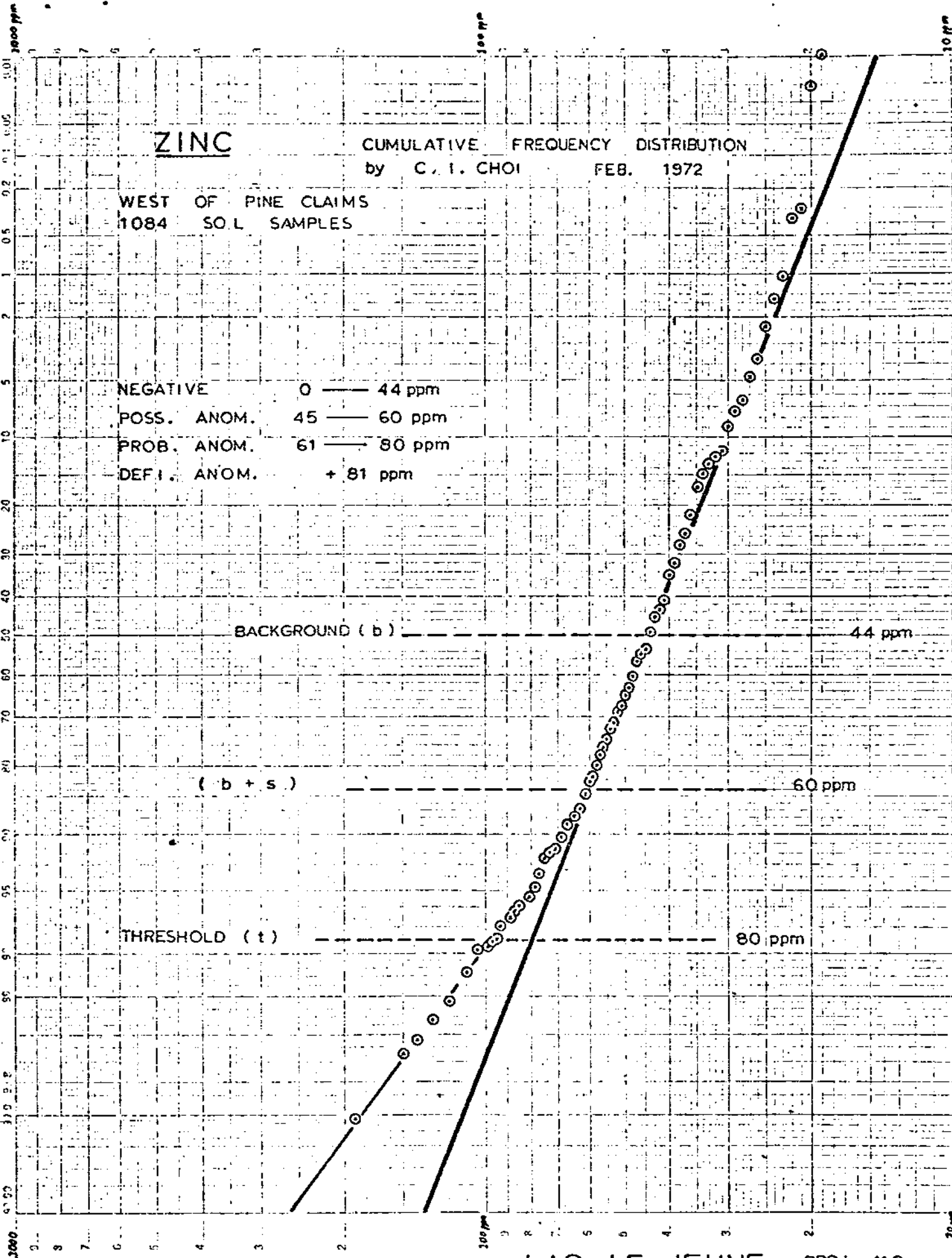
80 ppm

LAC LE JEUNE

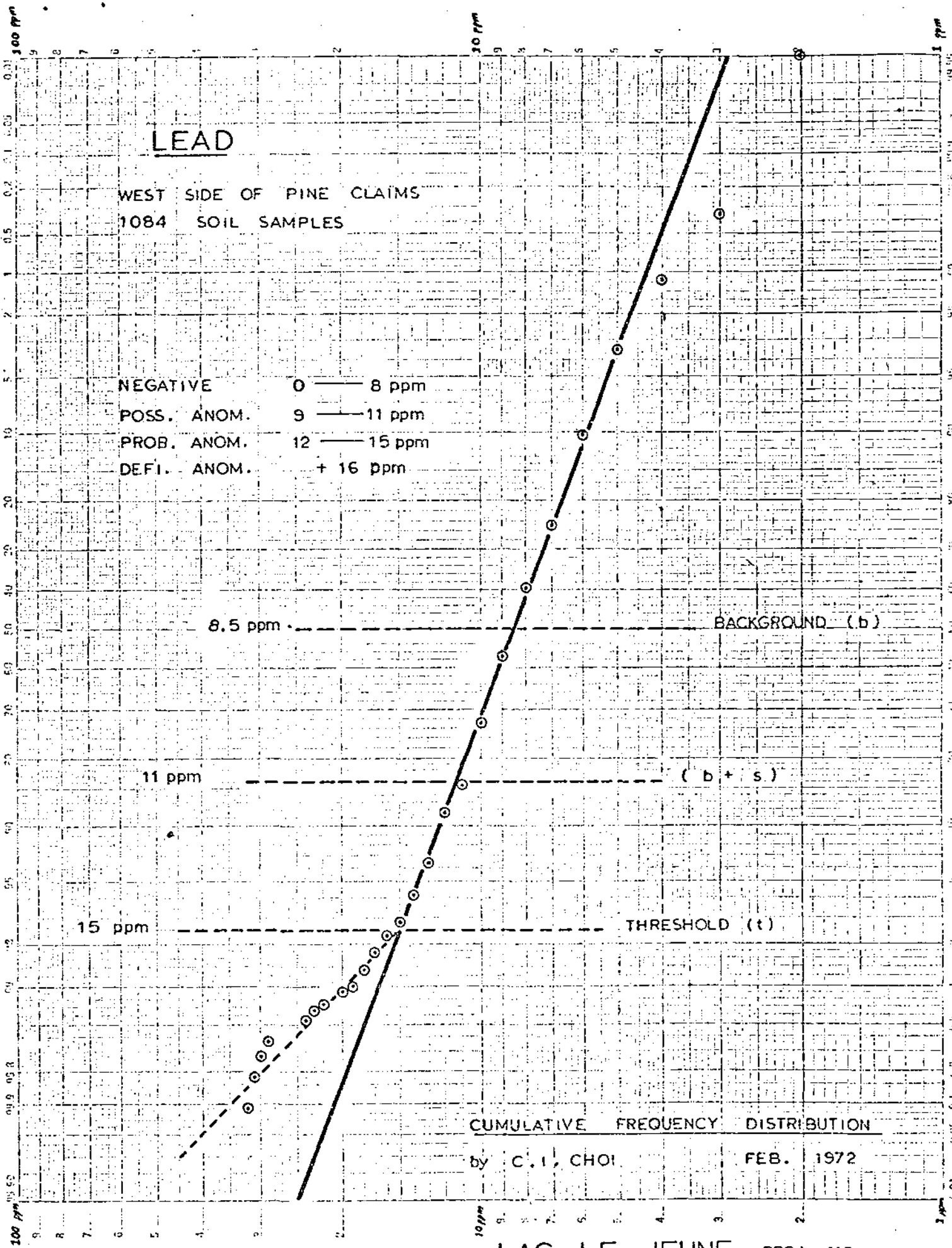
PROJ. 410

PROBABILITY
X 2100 CYCLES
REPEAT DISTRIBUTION

48 80-13



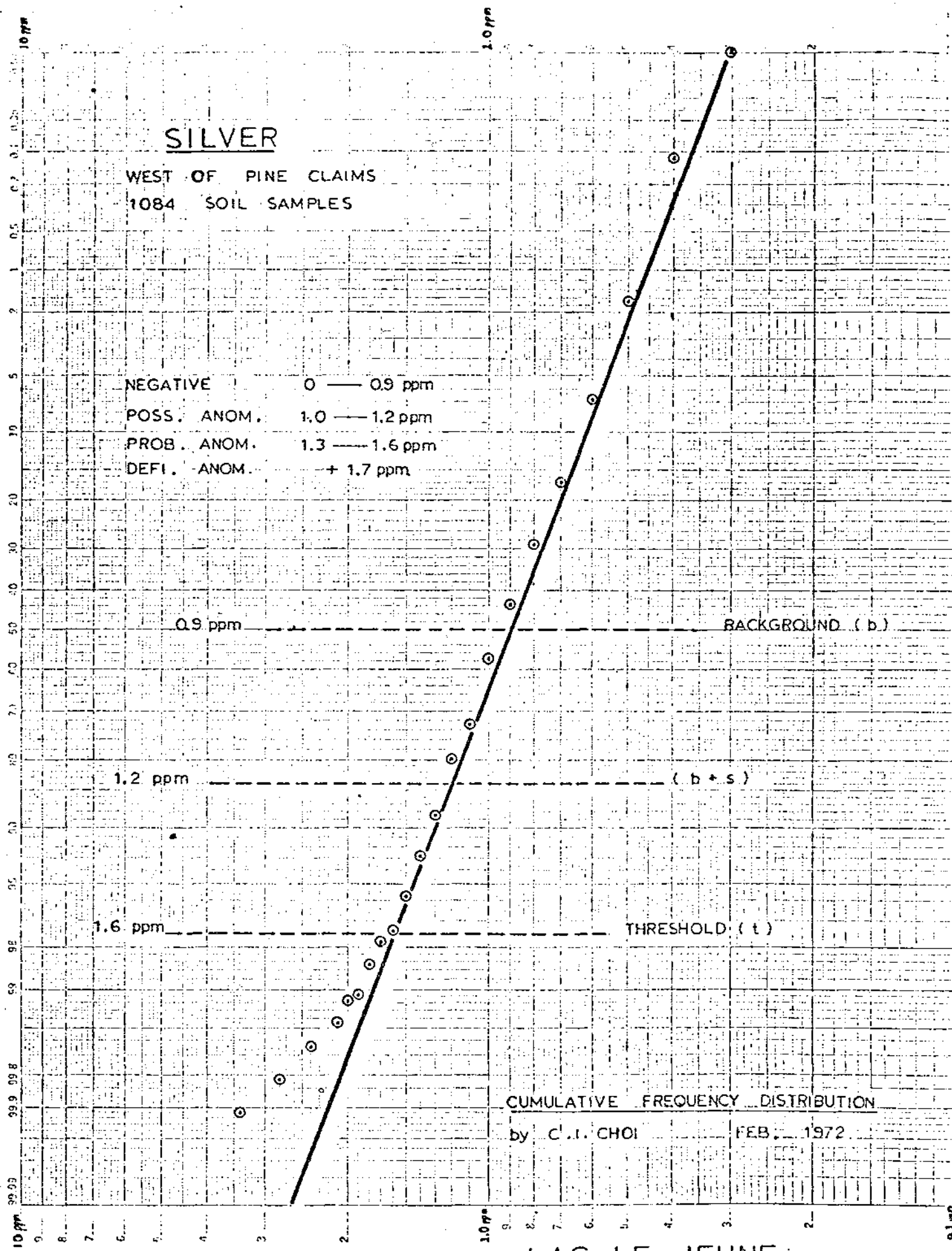
40 ROT-13
 2100 Cycles
 RESISTANCE 3.15 PER 100



SILVER

WEST OF PINE CLAIMS
1084 SOIL SAMPLES

NEGATIVE	0	—	0.9 ppm
POSS. ANOM.	1.0	—	1.2 ppm
PROB. ANOM.	1.3	—	1.6 ppm
DEFI. ANOM.	+ 1.7		ppm



MOLYBDENUM

CUMULATIVE FREQUENCY DISTRIBUTION

WEST SIDE OF PINE CLAIMS
1084 SOIL SAMPLES

by C. I. CHOI FEB. 1972

NEGATIVE 0 — 1 ppm
POSS. ANOM. 2 — 3 ppm
ANOMALY + 4 ppm

BACKGROUND (b)
1.1 ppm

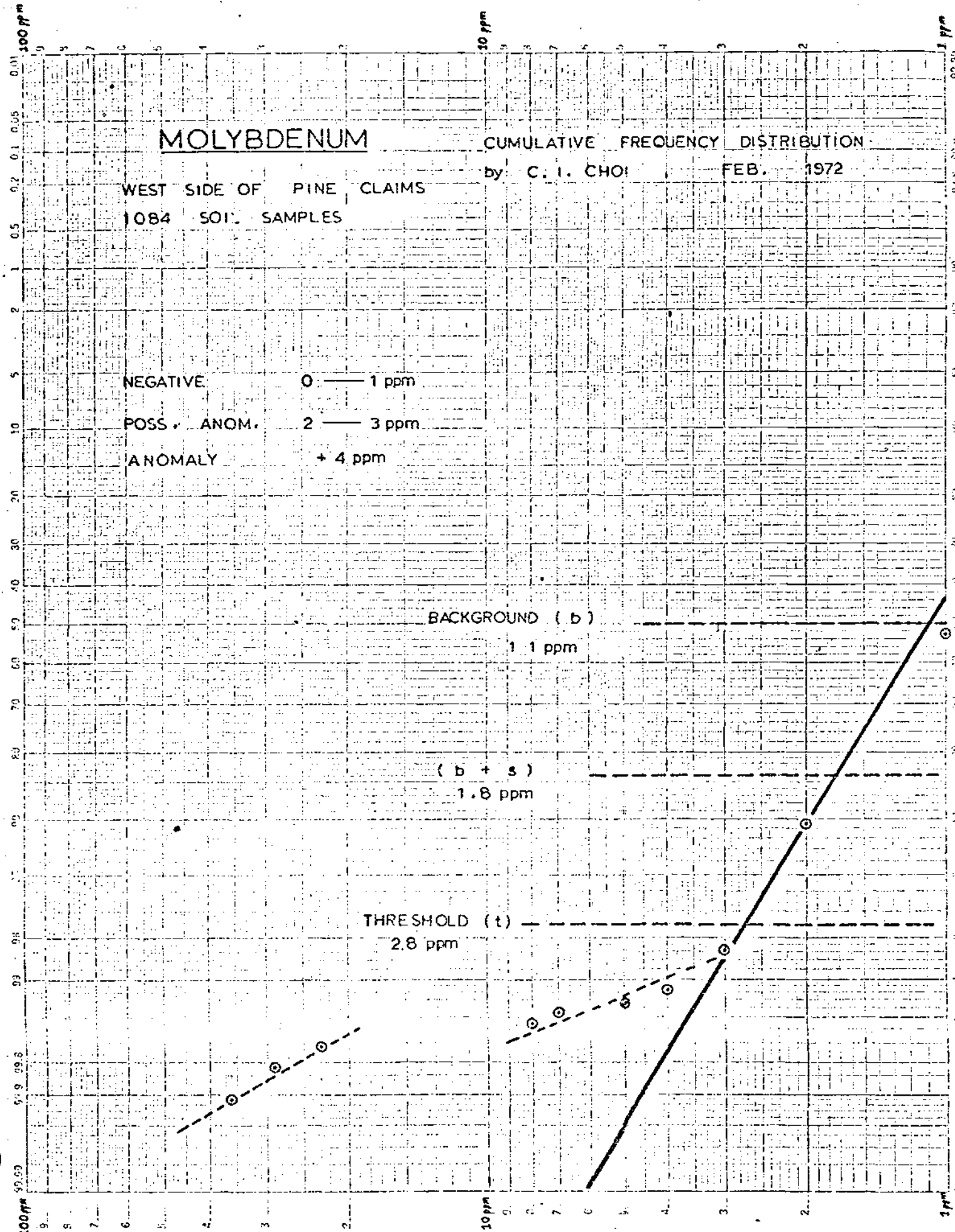
(b + s)
1.8 ppm

THRESHOLD (t)
2.8 ppm

LAC LE JEUNE

PROJ. 410

46 5043
MILWAUKEE
SPECIAL INQUIRY CO.



URANIUM

CUMULATIVE FREQUENCY DISTRIBUTION

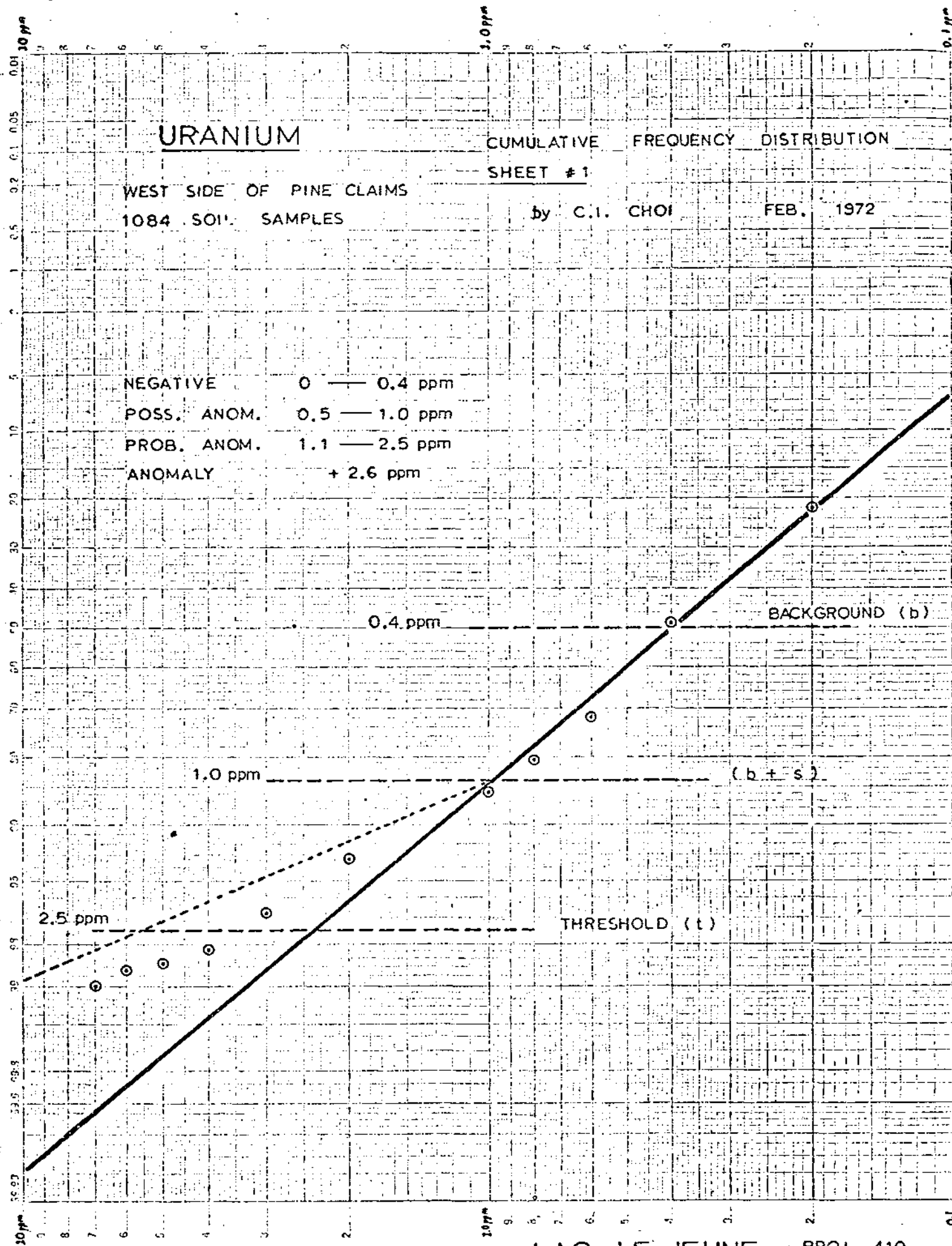
SHEET #1

WEST SIDE OF PINE CLAIMS
1084 SOIL SAMPLES

by C.I. CHOI

FEB. 1972

NEGATIVE 0 — 0.4 ppm
POSS. ANOM. 0.5 — 1.0 ppm
PROB. ANOM. 1.1 — 2.5 ppm
ANOMALY + 2.6 ppm



LAC LE JEUNE

PROJ. 410

45 0043
LOGS

ES&W PROJECT IDENTITY - 46 8043
ES&W X 2 LOGS CIVIL FS
KANSAS CITY CENTER I.D.

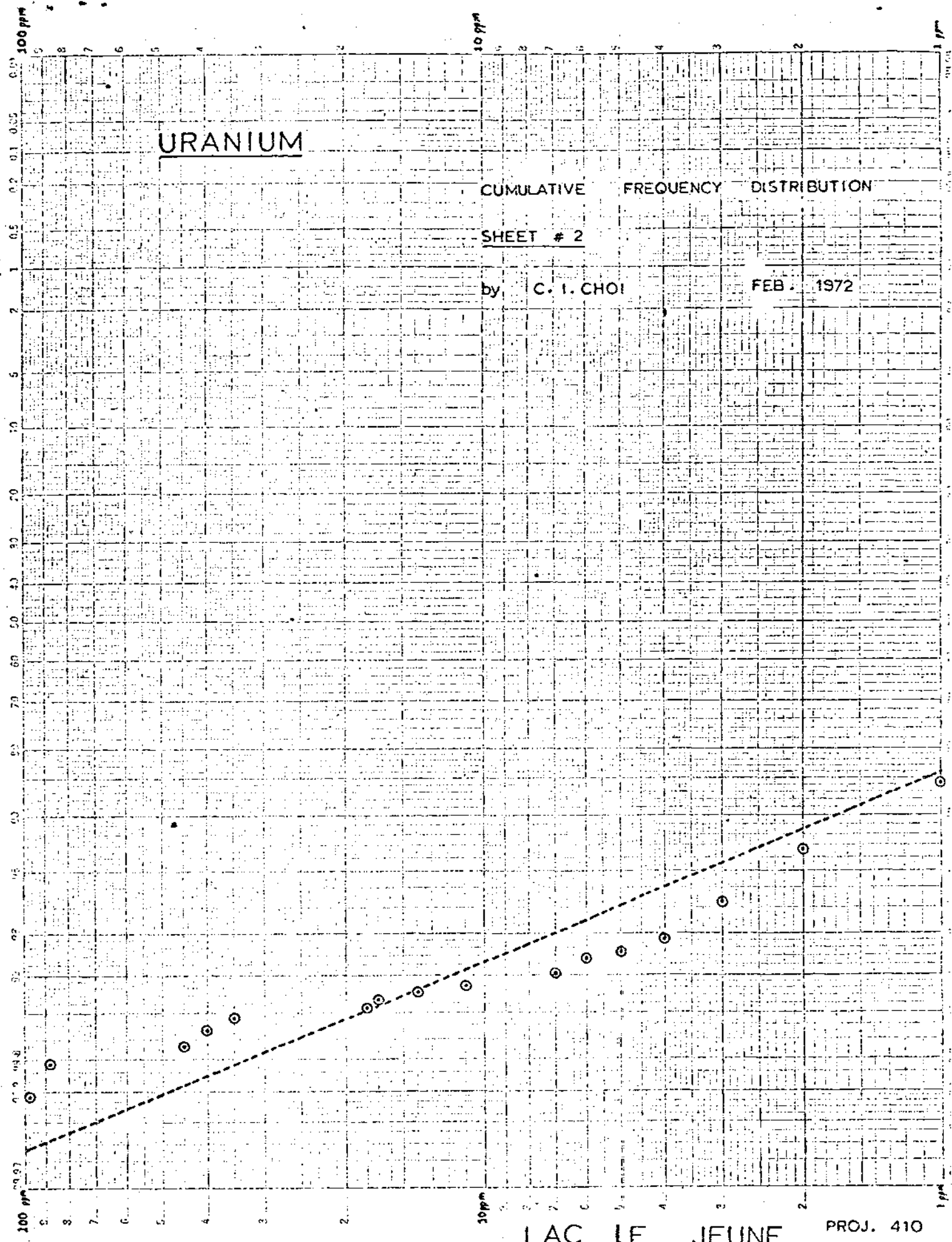
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SHEET # 2

by C. I. CHOI

FEB. 1972



LAC LE JEUNE

PROJ. 410

FIELD DATA SHEETS
(SOIL & TWIG SAMPLES)

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Blinn (T. Whitley)

 AREA: Lac Le Jeune

 DATE: JAN 28 / 1971

 PROJECT: 410

 LOCATION REF.: Kamloops P.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Frozen Ground			
JSB 001	Basin (L. 60 S. 20 E.)	→	OPEN Hill	ST & CLAY	B/6"	Lt Br.	FINE	APP 2nd Pickled Snow Scattered Tim. Old Logging SLASH				
JSB 002	LINE 005 2+00 EAST	→	OPEN Rolling Hills	ST & CLAY	B/6"	Lt Br.	FINE	Logging SLASH, Old Skid Trails				
JSB 003	L. 005 4+00 E.	→	OPEN, Small Gullies	ST & Sd.	B/2"	Br.	Med.	Scattered Timber Small Trees				
JSB 004	L. 005 6+00 E.	→	" "	ST & Sd. & Cl.	B/C / 12"	Br.	Med.	" "				
JSB 005	L. 005 8+00 E.	→	Rolling Hills	ST & Sd.	B/10"	Br.	Med.	Thick small Trees Fir, Poplar, Jack Pine				
JSB 006	L. 005 10+00 E.	→	Hilly OPEN Light Timber	ST & CLAY	B/6"	Br.	FINE	West Copper Claim Post, Initial. STaked, March/70 KR & K # 24 & 25 7/22 30' South of 10+00 E.				
JSB 007	L. 005 12+00 E.	→	Hills, OPEN Small Ravine	ST & Sd.	B/8"	Br.	Med.	Thick Small Trees Fir, Poplar				
JSB 008	L. 005 14+00 E.	→	OPEN Hillside	ST & Sd.	B/8"	DK Br.	Med.	Small Fir, JP. Poplar				
JSB 009	L. 005 15+00 E.	→	" "	ST & Gr.	B/10"	DK Br.	course	AT Main Road, 150' West of Lac Le Jeune Tunnel				
JSB 010	B.L. 54+00 S.	→	Timbered Hillside	ST & CLAY	B/4"	Br.	Med.	Small Fir, Old Logging SLASH				
JSB 011	B.L. 58+00 S.	→	" "	ST & Gr.	B/C / 12"	Br.	course	" " "				
JSB 012	B.L. 57+00 S.	→	" "	ST & Sd.	B/10"	Br.	Med.	Old Skid Trail Small Fir				
JSB 013	B.L. 50+00 S.	→	OPEN Hill	ST & Sd.	B/12"	Br.	Med.	Thick Small Fir				
JSB 014	B.L. 55+00 S.	→	Level Light Trees	ST & Sd.	B/2"	Br.	Med.	" "				
JSB 015	B.L. 54+00 S.	→	" "	ST & CLAY	B/8"	Br.	Med.	Larger, Scattered Fir				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Bunnie & T. Whibley

 AREA: Lac Le Jeune

 DATE: July 25 / 1971

 PROJECT: 410

 LOCATION REF.: Kamloops, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 016	BASELINE (BL) 53100 S	→	Gentle Sloping Hills	Sd. & Cl.	B/10"	Br.	COARSE	Large Fir with Patches of Small Trees					
J5B 017	LINES 53100 S. 2+00 E	→	" " "	Sd. & Cl.	B/10"	Br.	COARSE	" " ; old Logging Slash					
J5B 018	L. 52150 S. 4+00 E	→	" " "	ST. Sd & Cl.	B/12"	Br.	COARSE	OPEN; old Logging					
J5B 019	L. 52150 S. 6+00 E	→	" " "	ST. Sd.	B/17"	Br.	Med.	Small Fir Thicket					
J5B 020	L. 52150 S. 8+00 E	↘	" " "	ST. Sd.	B/18"	Br.	Med.	Large Trees among Small Trees					
J5B 021	L. 52150 S. 10+00 E	↔	Sloping to Gully	ST. Sd.	B/12"	Br.	Med.	Large Firs on Edge of Gully					
J5B 022	L. 52150 S. 12+00 E	↔	Flat, Thick B. h.	ST. Sd. & Cl.	B/16"	Br.	COARSE	Small Fir & Poplar					
J5B 023	L. 52150 S. 14+00 E	↘	Sloping " "	ST. Sd. Clay	B/16"	LT. Br.	FINE	Small Fir; Jack pine & Poplar					
J5B 024	L. 52150 S. 16+00 E	↘	West Edge of Gully	Sd. Clay	B/12"	DR. Br.	Med.	" " " "					
J5B 025	L. 52150 S. 18+00 E	↘	East Edge of Gully	Sd. Clay	B/12"	Br.	Med.	ON CLIMBLINE Larger Trees					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Rennie & T. Whibley

 AREA: Little Town

 DATE: Jan. 29 / 1971

 PROJECT: 410

 LOCATION REF.: KAM10029

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 026	452150S 20100E	→	OPEN Sloping	ST. s. sd.	B/10"	Br.	Med.	Clayey, silty Jackpine & Poplar					
JSB 027	452150S. 22100E	→	"	ST. s. Clay	B/12"	Br.	FINE	"					
JSB 028	452150S. 24100E	↘	Bottom of wide gully	ST. s. & clay	B/14"	Br.	Med.	Poplar, Spruce & Jackpine					
JSB 029	452150S 24150E	→	OPEN Hills	ST. s. sd.	B/10"	Br.	Med.	" " Edge of Road					
JSB 030	BASELINE 52100S.	→	OPEN Slope	ST. s. Cl.	B/10"	Br.	Coarse	Old Logging Slash					
JSB 031	B.L. 51100S.	→	" "	ST. s. sd.	B/8"	Br.	Med.	" "					
JSB 032	B.L. 50100S.	→	" "	ST. s. Clay	B/6"	Br.	Med.	" "					
JSB 033	B.L. 49100S.	→	" "	ST. s. sd.	B/8"	Br.	Med.	" "					
JSB 034	B.L. 48100S.	→	" "	ST. s. sd.	B/8"	Br.	Med.	" "					
JSB 035	B.L. 47100S.	→	" "	ST. s. Clay	B/7"	Br.	Med.	" "					
JSB 036	B.L. 46100S.	→	" "	ST. s. sd.	B/8"	Br.	Med.	" "					
JSB 037	B.L. 45100S.	→	" "	ST. s. Clay	B/4"	Br.	FINE	" "					
JSB 038	B.L. 44100S.	→	" "	ST. s. Clay	B/5"	Br.	FINE	Logging slash Small trees					
JSB 039	B.L. 43100S.	↘	" "	ST. s. sd.	B/6"	Br.	Med.	" "					
JSB 040	B.L. 42100S.	→	" "	ST. s. sd.	B/10"	Br.	Med.	" "					

CANADIAN JOHNSMANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnick & T. Whitley

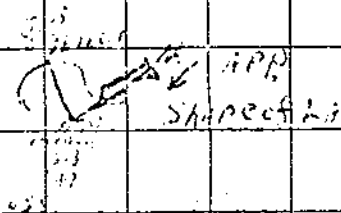
 AREA: Lac Le Terne

 DATE: Jan 30 1971

 PROJECT: 410

 LOCATION REF.: Kamstern, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J513 041	L 451005. 2100E	→	OPEN Small draws	Silt Clay	B/10"	Br.	Med.	Old Logging Slash Bottom of draw					
J513 042	L 451005. 4100E	→	" Gentle slope	ST. s sd.	B/10"	Br.	Med.	" Scattered trees					
J513 043	L 451005. 6100E	→	Thick wooded "	ST. s sd.	B/8"	Br.	Med.	Larger trees, spruce, and Jackpine					
J513 044	L 451005. 8100E	→	" Small draws	ST. s Cl.	B/8"	Br.	Coarse	Bottom of draw Larger trees					
J513 045	L 451005. 10100E	→	" A/1000' - east	ST. s Clay	B/7"	LT Br.	FINE	Very thick small trees					
J513 046	L 451005. 12100E	→	" "	ST. s sd.	B/10"	Bk.	Med.	Larger spruce					
J513 047	L 451005. 14100E	→	OPEN west side of small lake	H.	B/4"	BK.	FINE	Small lake approx. 13 acres in size. N					
J513 048	L 451005. 18100E	→	" east side of lake	H	B/4"	BK.	FINE	N. Sample at 16100E Centre of Lake. 320' across					
J513 049	L 451005. 20100E	→	OPEN Light wooded	ST. s Clay	B/8"	Bk.	FINE	Jackpine & spruce trees					
J513 050	L 451005. 22100E	→	Hilly	ST. s s.l.	B/6"	Br.	Med.	Thick, small Jackpine & spruce					
J513 051	L 451005. 24100E	→	wooded slope	ST. s sd.	B/6"	Br.	Med.	Jackpine & spruce Edge of draw					
J513 052	L 451005. 26100E	→	wooded small draws	ST. s sd.	B/10"	Br.	Med.	Bottom of draw					
J513 053	L 451005. 281100E	→	steep slope	ST. s sd.	B/6"	Br.	Med.	Edge of road Very steep					
J513 054	BASELINE 411005	→	Gentle slope	Silt Cl.	C/12"	Br.	Coarse	Old Logging					
J513 055	BL. 401005	→	" "	ST. s sd.	B/8"	LT Br.	Med.	Small thick trees					



CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Bennett & T. Whibley

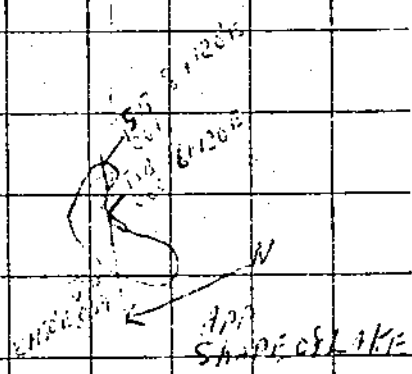
 AREA: Lac Le Terrier

 DATE: JAN 30 / 1971

 PROJECT: 410

 LOCATION REF.: Kanabec 130

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 056	Base Line 39 + 00 S	→	Gentle Slope light wooded	St. & Clay	B/1/2"	B.	Med.	Edge of logging road				
J5B 057	Bk. 30 + 00 S	→	" "	St. & sd	B/10"	B.	Med.	Small spruce + poplar trees				
J5B 058	L37+50B 2 + 00 E	→	" "	St. & Clay	B/8"	B.	Fine	Old Logging Slash				
J5B 059	L37+50 2 + 150 E	→	West Edge of small lake	H	B/12"	Bk.	Fine	10' From Lake Spruce + Jackpine				
J5B 060	L37+50S 4 + 120 E	→	Point station the front south East side	H	B/14"	Bk.	Fine	Lake 300' From J5B059 to J5B060				
J5B 061	L37+50S 8 + 120 E	→	East Edge of Lake	H/2	B/16"	B.	Med.	Large Spruce + Fir				
J5B 062	L37+50S 10 + 00 E	→	Hilly Slope Above Lake	St. & sd.	B/10"	B.	Med.	Wood Ridge above Lake				



CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

Cold-Windy

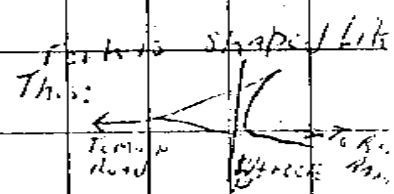
COLLECTOR: C. B. Brown & T. Whitley

AREA: Little Jeanie
L & R L&R RANCH ROAD
 LOCATION REF: T.P. Cont. Area 111 "1"

DATE: Feb 2 1971

PROJECT: 410

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B	BL. Fm	→	Wooded	Scl & Clay	B/1"	Br.	Med.	Jack Pine Alder & Fir				
063	4+00 E	→	Almost Level	Clay	B/1"	Br.	Med.	" "				
J5B	4+00 E.	→	" "	St & Scl.	B/10"	Br.	Med.	" "				
064	3+150 S.	→	" "	St & Clay	B/7"	Br.	FINE	Thick small Jack Pine & Fir				
J5B	4+00 E.	→	" "	St & Clay	B/10"	Br.	FINE	" " & Alder				
065	1+00 S.	→	" "	Clay	B/7"	Br.	FINE	" " & Alder				
J5B	4+00 E.	→	" "	Clay	B/10"	Br.	FINE	" " & Alder				
066	1+50 S	→	" "	Clay	B/10"	Br.	FINE	" " & Alder				
J5B	4+00 E.	→	OPEN Level	St & Clay	B/10"	Br.	FINE	SMALL opening				
067	2+00 S.	→	Level	Clay	B/10"	Br.	FINE	SMALL Fir, Jack Pine & Poplar				
J5B	4+00 E.	→	Level	St. & Scl.	B/10"	Br.	Med	" " "				
068	2+50 S	→	Wooded	Scl.	B/10"	Br.	Med	" " "				
J5B	4+00 E.	→	" "	St & Clay	B/10"	Br.	FINE	" " "				
069	3+00 S	→	" "	Clay	B/10"	Br.	FINE	" " "				
J5B	4+00 E.	→	OPEN Level	St & Scl.	B/7"	Br.	Med	LARGE Fir Trees				
070	3+70 S.	→	Level	Scl.	B/7"	Br.	Med	" "				
J5B	4+00 E.	→	" "	St & Clay	B/10"	Br.	FINE	" "				
071	4+00 S.	→	" "	Clay	B/10"	Br.	FINE	" "				
J5B	4+00 E.	→	Wooded Level	St & Scl.	B/10"	Br.	Med	Small Fir & Poplar				
072	4+80 S.	→	Level	Scl.	B/10"	Br.	Med	" "				
J5B	4+00 E.	→	" "	St & Clay	B/7"	Br.	FINE	" "				
073	5+00 S.	→	" "	Clay	B/7"	Br.	FINE	" "				
J5B	4+00 E.	→	" "	St & Clay	B/10"	Br.	FINE	North Edge of R&L Ranch Road				
074	5+50 S.	→	" "	Clay	B/10"	Br.	FINE	Fork IN Road Right Fork To Ranch				
J5B	4+00 E.	→	OPEN Level	St & Clay	B/12"	DK Br.	Med.	" " "				
075	6+00 S	→	" "	Clay	B/12"	DK Br.	Med.	" " "				
J5B	4+00 E.	→	" "	St & Scl.	B/10"	Br.	Med.	Left Fork To "71" Grid				
076	6+50 S	→	" "	Scl.	B/10"	Br.	Med.	" " "				
J5B	4+00 E.	→	" "	St & Clay	B/12"	DK Br.	Med.	SOUTH Edge of Road				
077	7+00 S.	→	" "	Clay	B/12"	DK Br.	Med.	" " "				



CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C.B. Lewis & T. Whibley

DATE: Feb 2 / 1971

PROJECT: 410

AREA: Les La Terrasse

R&L Ranch Road

LOCATION REF: TP Cont. "A" 2

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 078	4+00E	→	Wooded Level	ST. & Clay	B/10"	Br.	FINE	Small stones, Fin & Pebbles					
JSB 079	4+00E	→	"	ST. & Clay	B/8"	Br.	FINE	" "					
JSB 080	8+00S	→	OPEN Level	ST. & Sd.	B/8"	Br.	Med.	Larger Fin					
JSB 081	8+00S	→	Slight Slope	ST. & Sd.	B/10"	Br.	Med.	Small Fin & Jackpines					
JSB 082	4+00E	→	Wooded	ST. & Clay	B/10"	Br.	FINE	" "					
JSB 083	4+00E	→	" "	ST. & Sd.	B/8"	Br.	Med.	Edge of Logging slash					
JSB 084	10+00S	→	" "	ST. & Clay	B/10"	Br.	FINE	In old Logging slash					
JSB 085	4+00E	→	Light Wooded	ST. & Clay	B/4"	Br.	FINE	" " "					
JSB 086	4+00E	→	" "	ST. & Sd.	B/10"	Br.	Med.	" " "					
JSB 087	4+00E	→	" "	ST. & Sd.	B/11"	DK. Br.	Med.	" " "					
JSB 088	4+00E	→	" "	ST. & Clay	B/8"	Br.	FINE	" " "					
JSB 089	4+00E	→	" "	ST. & Clay	B/11"	Br.	FINE	" " "					
JSB 090	4+00E	→	" "	ST. & Sd.	B/8"	Br.	Med.	" "					
JSB 091	4+00E	→	" "	ST. & Sd.	B/8"	Br.	Med.	Old Logging slash End of line					

CANADIAN JOHNS-ONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whitley

 AREA: LAC LA PLOUE

 DATE: FEB 3 / 1971

 PROJECT: 410

 LOCATION REF.: 638 RANCH ROAD
TP Cont. Area 1

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 092	BASELINE 0+00	→	Slight Slope Wooded	Sd. & ST.	B 1/6"	Br.	Coarse	Thick Small Fir & Jackpines					
J5B 093	20+00	→	" " Light Wooded	Sd & CLAY	B 1/8"	Br.	Med.	" "					
J5B 094	20+00 1+00 S	→	OPEN Slight Slope	ST. & Gr.	B 1/12"	Br.	COARSE	NEAR THE EDGE OF R&L ROAD					
J5B 095	20+00 1+50 S	→	Wooded " "	ST. & Sd.	B 1/12"	Br.	Med.	SOUTH SIDE OF ROAD IN THICK SMALL TREES					
J5B 096	20+00 2+00 S	→	" " " "	ST. & CLAY	B 1/8"	Br.	FINE	THICK SMALL TREES					
J5B 097	20+00 2+50 S	→	" " " "	ST. & CLAY	B 1/10"	Br.	FINE	" "					
J5B 098	20+00 3+00 S	→	" " " "	ST. & CLAY	B 1/9"	Br.	FINE	THICK SMALL ALDER AND SPRUCE					
J5B 099	20+00 3+50 S	→	" " " "	Sd. & CLAY	B 1/8"	Br.	FINE	" " "					
J5B 100	20+00 4+00 S	→	" " " "	Sd & CLAY	B 1/10"	Br.	Med.	" " "					
J5B 101	20+00 4+50 S	→	" " " "	Sd & CLAY	B 1/6"	Br.	Med.	" " "					
J5B 102	20+00 5+00 S	→	OPEN SLIGHT SLOPE	CLAY & Gr.	B 1/7"	Br.	COARSE	LARGE SPRUCE LESS THICK					
J5B 103	20+00 5+50 S	→	" " " "	ST. & CLAY	B 1/9"	Br.	FINE	" " MORE OPEN					
J5B 104	20+00 6+00 S	→	" " " "	ST. & CLAY	B 1/8"	Br.	FINE	" " OPEN					
J5B 105	20+00 6+50 S	→	LESS OPEN " "	Sd & CLAY	B 1/8"	Br.	Med.	SMALL SPRUCE & Poplar					
J5B 106	20+00 7+00 S	→	LIGHT WOODED " "	ST. & Sd.	B 1/8"	Br.	Med.	EDGE OF OPENING LARGE SPRUCE & Poplar					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whitley

 AREA: LAC LE JEUNE

 DATE: Feb 4/1971

 PROJECT: 410

 LOCATION REF: R+L RANCH ROAD T.P. Grid Assembly #1

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 128	L4+00W. 7+50S.	→	Wooded Almost Level	ST. & Sd.	B/8"	Br.	Med	Thick Small Spruce					
J5B 129	L4+00W. 8+00S.	→	" "	ST. & Sd.	B/7"	Br.	Med	Thick, Larger Jackpine					
J5B 130	L4+00W. 8+50S.	→	More OPEN " "	ST. & Clay	B/9"	Br.	FINE	Large Jackpine & Spruce					
J5B 131	L4+00W. 9+00S.	→	" "	ST. & Sd.	B/7"	Br.	Med	" "					
J5B 132	L4+00W. 9+50S.	→	OPEN Gentle Slope	ST. & Clay	B/5"	Br.	FINE	Small opening in Spruce & Poplar					
J5B 133	L4+00W 10+00S.	→	" "	Sd. & Clay	B/7"	Br.	Med	Large Jackpine & Spruce End of Line: LAST sample Taken in Assembly #1					
LOCATION Ref: ANOMALY # 2 STARTING AT L30E:72N													
J5B 134	L30E. 72N	→	Slight Slope Wooded	ST. & Clay	B/8"	Br.	FINE	Small Spruce, larger Poplar & Jackpine					
J5B 135	L30E. 72+50N.	→	" "	ST. & Clay	B/6"	Br.	FINE	" " "					
J5B 136	L30E. 73+00N.	→	" "	ST. & Sd.	B/7"	Br.	Med.	" "					
J5B 137	L30E. 73+50N.	→	" "	Sd. & Clay	B/4"	Br.	Med	Small Spruce & Jackpine					
J5B 138	L30E. 74+00N.	→	More open Gentle Slope	ST. & Clay	B/7"	Br.	FINE	" "					
J5B 139	L30E. 74+50N.	→	" "	Sd. & Clay	B/5"	Br.	Med.	" "					
J5B 140	L30E. 75+00N.	→	" "	ST. & Clay	B/7"	Br.	FINE	Larger Jackpine					
J5B 141	L30E. 75+50N.	→	Less open Gentle Slope	ST. & Clay	B/6"	Br.	FINE	Small Jackpine					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whibley

 AREA: Lacle Terre

 DATE: Feb 5/1971

 PROJECT: 410

 LOCATION REF: Approx. #2: L30E, T2N.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 153	L72 N. 30+50 W.	→	Gentle slope Light wooded	ST & sil	B/8"	Br.	Med.	SAMPLING COMMENCES AT 30+50 W. RUNNING WEST EXISTING PICKET STATION NOS.	CFE	CONFUSION	CFE	+L.N.
JSB 154	+LN 1+00 W.	→	" "	ST & sil	B/8"	Br.	Med.	LIGHT SMALL JACKPINE				
JSB 155	+LN 1+00 W.	→	" "	ST & sil	B/8"	Br.	Med.	" "				
JSB 156	+LN 2+00 W.	→	" "	ST & sil	B/6"	Br.	Med.	" "				
JSB 157	+LN 2+50 W.	→	" "	ST & sil	B/5"	Br.	Med.	" "				
JSB 158	+LN 3+00 W.	→	" "	ST & sil	B/6"	Br.	Med.	" "				
JSB 159	+LN 3+50 W.	→	" "	ST & sil	B/5"	Br.	Med.	" "				
JSB 160	+LN 4+00 W.	→	" "	ST & CLAY	B/7"	Br.	FINE	Small, scattered Spruce & Poplar				
JSB 161	+LN 4+50 W.	→	" "	ST & CLAY	B/6"	Br.	FINE	" "				
JSB 162	+LN 5+00 W.	→	Thicker Trees Gentle Slope	ST & CLAY	B/4"	DK Br.	FINE	Thick, small Spruce & Poplar				
JSB 163	+LN 5+50 W.	→	" "	ST & CLAY	B/5"	DK Br.	FINE	" "				
JSB 164	+LN 6+00 W.	→	OPEN Slight slope	ST & CLAY	B/7"	Br.	Med.	Larger poplar & Jackpine				
JSB 165	+LN 6+50 W.	→	" "	ST & sil	B/6"	Br.	Med.	" " END of EXISTING LINE				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. Binnie & T. Whibley

AREA: Lake Jeanie

DATE: Feb 9 1971

PROJECT: 410

LOCATION REF.: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 166	L37+50S 12+00E	→	Gentle Slope Thick Wooded	ST. & Sd.	B/4"	Br.	Med.	NEAR Edge of DRAW Small Fir Spruce & JACKPINE					
J5B 167	L37+50S 14+00E	→	" " Light Wooded	ST. & Sd.	B/6"	lt Br.	Med.	" " " " Small Fir & Poplar					
J5B 168	L37+50S 16+00E	→	" " Thick Wooded	ST. & Sd.	B/7"	Br.	Med.	Few large scattered Fir in thick small ones					
J5B 169	L37+50S 18+00E	→	" " " "	Sd. & Clay	B/7"	Br.	FINE	Thick small Fir & JACKPINE					
J5B 170	L37+50S 20+00E	→	" " " "	ST. & Sd.	B/6	BK.	Med.	" " " "					
J5B 171	L37+50S 22+00E	→	Gentle Slope More Open	ST. & Sd.	B/5"	Br.	Med.	Scattered Small Trees					
J5B 172	L37+50S 24+00E	→	" " OPEN	ST. & Sd.	B/7"	Br.	Med.	Light small JACKPINE & Poplar					
J5B 173	L37+50S 26+00E	→	OPEN Slope	ST. & Sd.	B/8"	Br.	Med.	Edge of MAIN Road					
J5B 174	BL 37+00S	→	open Steering	ST. & Sd.	B/8	Br.	Med.	Old Logging slash Near Edge Broken soil auger in frozen ground					

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whibley

 AREA: La Le Jeune

 DATE: Feb 10, 1971

 PROJECT: 410

 LOCATION REF.: KAMLOUS B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 175	Baseline 36+00S.	→	Gentle Slope Wooded	ST. & Sil.	B/10"	DK. Br.	Med	Small spruce, Fir & Poplar				
J5B 176	B.L. 35+00S	→	" "	ST. & CLAY	B/9"	DK. Br.	FINE	" " "				
J5B 177	B.L. 34+00S.	→	" "	ST. & CLAY	B/7"	DK. Br.	FINE	" " "				
J5B 178	B.L. 33+00S	→	" "	ST. & Sil.	B/10"	Br.	Med	" " "				
J5B 179	B.L. 32+00S	→	" " OPEN.	Sil. & CLAY	B/4"	DK. Br.	Med	In old Logging Slash				
J5B 180	B.L. 31+00S.	→	" "	ST. & Sil.	B/9"	Br.	Med.	Edge of Logging Slash.				
J5B 181	B.L. 30+00S.	→	Almost Level Wooded	ST. & CLAY	B/9"	DK. Br.	FINE	Small Fir & Spruce				
J5B 182	L30+00S. 2+00E.	↘	OPEN Hilly	ST. & CLAY	B/5"	LT. Br.	FINE	Small draws, Larger Spruce + Poplar	13C. Forest Service Timber Site Community Follow-up			
J5B 183	L30+00S. 4+00E	↘	" "	Sil. & CLAY	B/6"	Br.	Med.	Edge of small draw.				
J5B 184	L30+00S. 6+00E.	↘	" "	ST. & Sil.	B/8"	Br.	Med.	Larger fir OPEN				
J5B 185	L30+00S 8+00E.	↘	OPEN Level	ST. & CLAY	B/9"	Br.	FINE	Some smaller trees				
J5B 186	L30+00S 10+00E	↘	Wooded Hilly	Sil. & CLAY	B/6"	Br.	Med.	Side of draw Small Fir				
J5B 187	L30+00S 12+00E	↘	" "	ST. & Sil.	B/5"	Br.	Med.	" " "				
J5B 188	L30+00S. 14+00E.	↘	" "	ST. & CLAY	B/6"	DK. Br.	FINE	Thick small spruce & Jackpine				
J5B 189	L30+00S. 16+00E.	↘	" "	ST. & Sil.	B/6"	Br.	Med.	Few Larger Fir Among small spruce + Jackpine				

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whitley

 AREA: Lac Le Jeune

 DATE: Feb. 11, 1971

 PROJECT: 410

 LOCATION REF.: L 30E-172N Area 2

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 195	L 72 N. 30+50 E.	→	Gentle Slope OPEN	st/ CLAY	B 1/6"	Br.	FINE	Settled JACKPINE					
J5B 196	L 72 N. 31+00 E.	→	" "	st & CLAY	B 1/7"	Br.	FINE	" "					
J5B 197	L 72 N. 31+50 E.	→	" " Few More Trees	st & CLAY	B 1/8"	Br.	FINE	JACKPINE, Small SPRUCE & Poplar.					
J5B 198	L 72 N. 32+00 E.	→	Almost Level More Open	H. & CLAY	B 1/4"	Bk.	FINE	Small spruce & JACKPINE Edge of Flat					
J5B 199	L 72 N. 32+50 E.	→	Level Light Bush	H. & CLAY	B 1/5"	Bk.	FINE	Small Willow FLAT					
J5B 200	L 72 N. 33+00 E.	→	" "	H & CLAY	B 1/6"	Bk.	FINE	" "					
J5B 201	L 72 N. 33+50 E.	→	Almost Level OPEN	st & CLAY	B 1/4"	Dr. Br.	FINE	Edge of Flat Small SPRUCE					
J5B 202	L 72 N. 34+00 E.	→	Slight Slope Light Bush	st & Sil.	B 1/4"	B+	Med.	Small JACKPINE					
J5B 203	L 72 N. 34+50 E.	↘	OPEN Steeper Slope	st & Gr.	B 1/3"	B+	Coarse	OPEN. SOME Large fir					
J5B 204	L 72 N. 35+00 E.	↘	" " Steep Slope	st Gr.	B 1/2"	Br.	Coarse	" "					
J5B 205	L 72 N. 35+50 E.	↘	" "	Sil. & Gr.	B 1/3"	B+	Coarse	" "					
J5B 206	L 72 N. 36+00 E.	→	Less Steep OPEN	Sil. & Gr.	B 1/2"	B+	Coarse	OPEN. Near Top of hill					
J5B 207	L 72 N. 36+50 E.	↘	" "	Sil. & CLAY	B 1/3"	B+	Med.	Old Logging Slash					
J5B 208	L 72 N. 37+00 E.	↘	" "	Sil. & CLAY	B 1/6"	Br.	Med.	" "					
J5B 209	L 72 N. 37+50 E.	→	Slight Slope OPEN	Sil. & CLAY	B 1/3"	Br.	Med.	" "					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. B. Binning & T. Whibley

 AREA: La Le Jeune

 DATE: Feb 12, 1971

 PROJECT: 410

 LOCATION REF.: L30E-L72N - Area 1 only - 2

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 211	L30E 71+50N	→	Slight Slope Wooded	ST & CLAY	B/8"	Br.	FINE	Small spruce & Jack pine Larger Peat				
J5B 212	L30E 71+00 N	→	" "	ST & CLAY	B/8"	Br.	FINE	" " " "				
J5B 213	L30E 70+50 N	→	" "	ST & Sd.	B/5"	Br.	Med.	" " " "				
J5B 214	L30E 70+00 N	→	" "	ST & Sd.	B/5"	Br.	Med.	" " " "				
J5B 215	L30E 69+50 N	→	" "	Sd. & CLAY	B/6"	Br.	Med.	Larger spruce & Jack pine				
J5B 216	L30E 69+00 N	→	Slight Slope CPFN	ST & Sd.	B/5"	Br.	Med.	Few spruce & Jack pine				
J5B 217	L30E 68+50 N	→	Slight Slope Wooded	ST & Sd.	B/4"	Br.	Med.	Larger spruce & Jack pine				
J5B 218	L30E 68+00 N	→	Stepping Light Wooded	ST & Sd.	B/8"	Br.	Med.	Small spruce & Jack pine Bottom of Sidhill				
J5B 219	L30E 67+50 N	→	More Stepping Light Wooded	ST & Gr.	B/6"	Br.	Med.	Small spruce Hillside				
J5B 220	L30E 67+00 N	→	More open "	ST & Sd.	B/4"	Br.	Coarse	Larger Fir Scattered				
J5B 221	L30E 66+50 N	→	" "	ST & Sd.	B/8"	Br.	Med.	" "				
J5B 222	L30E 66+00 N	→	" "	ST & Sd.	B/8"	Br.	Med.	" "				
J5B 223	L30E 65+50 N	→	" "	ST & Sd.	B/9"	Br.	Med.	" "				
J5B 224	L30E 65+00 N	→	" "	ST & Sd.	B/6"	Br.	Med.	" "				
J5B 225	L30E 64+50 N	→	" "	Sd. & CLAY	B/7"	Br.	Med.	" "				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binns & T. Whitley

 AREA: Lache Jeanne
R/L BRANCH ROAD

 DATE: Feb 13, 1971

 PROJECT: 410

 LOCATION REF: IPG Grid: Anomaly "2"

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J513	L4100W	→	Very level Wooded	ST. & CLAY	B/4"	Br.	FINE	Light Small Spruce & Jack pine Near Road					
227	C+50N	→	" " " "	ST. & CLAY	B/6"	Br.	FINE	Small spruce & Jack pine					
J5B	L4100W	→	" " " "	ST. & CLAY	B/7"	Br.	FINE	" " " "					
228	1+00N	→	" " " "	ST. & CLAY	B/7"	Br.	FINE	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/6"	Br.	FINE	" " " "					
229	1+50N	→	Slight Slope Wooded	ST. & CLAY	B/6"	Br.	FINE	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/5"	Br.	Med.	Jack pine, Slight Layer					
230	2+00N	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
231	2+50N	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
232	3+00N	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
233	3+50N	→	" " " "	ST. & SD.	B/7"	Br.	Med.	" " " "					
J5B	L4100W	→	More Slope Wooded	ST. & SD.	B/5"	Br.	Med.	" " " "					
234	4+00N	→	" " " "	ST. & SD.	B/9"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & SD.	B/8"	Br.	Med.	" " " "					
235	4+50N	→	" " " "	ST. & SD.	B/8"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & SD.	B/8"	Br.	Med.	Smaller Jack pine					
236	5+00N	→	" " " "	ST. & CLAY	B/8"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/7"	Br.	Med.	" " " "					
237	5+50N	→	" " " "	ST. & CLAY	B/7"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/6"	Br.	Med.	" " " "					
238	6+00N	→	" " " "	ST. & CLAY	B/7"	Br.	Med.	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/7"	Br.	FINE	Smaller Jack pine & Spruce					
239	6+50N	→	" " " "	ST. & CLAY	B/7"	Br.	FINE	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/8"	Br.	COARSE	OPEN Jack pine					
240	7+00N	→	Slight Slope More OPEN	ST. & CLAY	B/8"	Br.	COARSE	" " " "					
J5B	L4100W	→	" " " "	ST. & CLAY	B/8"	Br.	COARSE	" " " "					
241	7+50N	→	" " " "	ST. & CLAY	B/8"	Br.	COARSE	" " " "					

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whitley

 AREA: Lacle Tonne

 DATE: Feb 13, 1971

 PROJECT: 410

 LOCATION REF: R.R. Ranch Road
IP Grid: Amshak, 41

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 242	L4+00W 8+00N	↓	Slight Slope Light Wooded	ST. & Sd.	B/7"	Br.	Med.	Light Small Jack pine				
J5B 243	L4+00W 8+50N	↓	" " Thicker Trees	ST. & Gr.	B/8"	Br.	Coarse	Small Jack pines & Spruce				
J5B 244	L4+00W 9+00N	↓	Slight Slope More open	ST. & Sd.	B/8"	Br.	Med.	" " "				
J5B 245	L4+00W 9+50N	↓	" " " "	ST. & Sd.	B/9"	Br.	Med.	" " "				
J5B 246	L4+00W 10+00N	↓	" " " "	ST. & Clay	B/6"	Br.	Fine	Small Jack pines Spruce & Poplar				
J5B 247	L4+00W 10+50N	↓	OPEN Slight Slope	ST. & Clay	B/5"	Dr. Br.	Med.	Small Poplar & Jack pines				
J5B 248	L4+00W 11+00N	↓	" " " "	ST. & Gr.	B/7"	Br.	Coarse	Larger Jack pines				
J5B 249	L4+00W 11+50N	↓	" " " "	ST. & Sd.	B/6"	Br.	Med.	Spruce & Poplar				
J5B 250	L4+00W 12+00N	↓	" " " "	ST. & Sd.	B/8"	Br.	Med.	" " & Jack pines				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE & T. WHIBLEY

 AREA: LAC LE JEUNE
 R-L Ranch Road

 DATE: FEB 15, 1971

 PROJECT: 410

 LOCATION REF.: 1P GRID: AN 2001 Y #1

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
251	0+00	→	Almost Level	ST. & Sd.	B/7"	Br.	Med.	Poplar & Small Spruce					
252	14+00 N	→	High Wooded	ST. & Clay	B/6"	Br.	Fine	Jack pine & Small Spruce					
253	0+00	→	" "	Sd. & Clay	B/6"	Br.	Med	Spruce & All sizes					
254	13+50 N	→	" "	ST. & Clay	B/5"	Br.	Fine	Small Spruce & Poplar					
255	0+00	→	" "	ST. & Clay	B/8"	Br.	Fine	Large Spruce & Poplar					
256	12+00 N	→	Level OPEN	Clay	B/8"	Brownish Grey	Fine	Scattered Spruce Edge of Lake No more Spruce until 4+50 N.					
257	0+00	→	Level Wooded	Clay & H.	B/10"	Brk.	Fine	Spruce on Edge of Lake					
258	0+00	→	Slight slope Wooded	ST. & Sd.	B/7"	Br.	Med.	Spruce, Fir & Jack pine					
259	0+00	→	" "	ST. & Sd.	B/6"	Br.	Med.	Thick Spruce & Jack pine					
260	3+00 N	→	" "	ST. & Sd.	B/8"	Br.	Med.	" " "					
261	0+00	→	" "	ST. & Sd.	B/5"	Br.	Med.	" " "					
262	2+50 N	→	" "	ST. & Sd.	B/7"	Br.	Med.	" " "					
263	0+00	→	" "	ST. & Sd.	B/8"	Br.	Med.	Thick Spruce, Fir & Jack pine					
264	1+50 N	→	" "	Sd. & Clay	B/4"	Br.	Med.	Spruce, Fir & Poplar					
265	0+00	→	" "	ST. & Sd.	B/9"	Br.	Med	" " "					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE & T. WHIBLEY

 AREA: LAC LE JEUNE

 DATE: FEB 15, 1971

 PROJECT: 413

 LOCATION REF: 1P. GRID ANOMALY #1

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 266	L4+00E 0+50	→	ALMOST Level Wooded	ST & Sil.	B/8"	BR.	MED.	Fin & Jackp. mix Some Alder					
J5B 267	L4+00E 1+00	→	" " More OPEN	ST & Sil.	B/4"	BR.	MED.	Large Fin & Jack pine					
J5B 268	L4+00E 1+50	→	" " "	ST & Sil.	B/6"	BR.	MED.	Scattered Large Fin					
J5B 269	L4+00E 2+00	→	" " "	ST & Sil.	B/9"	BR.	MED.	" " "					
J5B 270	L4+00E 2+50	→	" " "	ST & Sil.	B/8"	BR.	MED.	" " "					
J5B 271	L4+00E 3+00	→	" " "	ST & Sil.	B/10"	BR.	MED.	" " "					
J5B 272	L4+00E 3+50	→	" " Thicker Trees	ST & Sil.	B/5"	BR.	MED.	Smaller Fin & Spruce Trees					
J5B 273	L4+00E 4+00	→	" " Light Wooded	ST & Clay	B/5"	BR.	COARSE	" "					
J5B 274	L4+00E 4+50	→	" " "	ST & Clay	B/5"	BR.	FINE	Some Larger Fin					
J5B 275	L4+00E 5+00	→	" " "	ST & Sil.	B/5"	BR.	MED.	Group of Large Fin					
J5B 276	L4+00E 5+50	→	" " "	ST & Sil.	B/8"	BR.	MED.	" " "					
J5B 277	L4+00E 6+00	→	" " "	ST & Sil.	B/8"	BR.	MED.	Small Spruce Scattered Jackpine					
J5B 278	L4+00E 6+50	→	" " "	ST & Sil.	B/8"	BR.	MED.	" " "					
J5B 279	L4+00E 7+00	→	" " More Wooded	ST & Sil.	B/7"	BR.	MED.	Small Spruce & Poplar					
J5B 280	L4+00E 7+50	→	" " "	ST & Sil.	B/8"	BR.	MED.	" " "					

CANADIAN JOHNSTONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNIE & T. WHIBLEY

AREA: LAC LE SEUR

DATE: FEB 15, 1971

PROJECT: 410

LOCATION REF.: R.L. Ranch Road.
T.P. GRID ANOMALY #

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 281	L.0700 8+00 N.	→	Flat, almost Level, Wooded	ST. & SD.	B/5"	BR.	MED.	SMALL SPRUCE				
J5B 282	L.0700 8+50 N.	→	" "	ST.	B/8"	BR.	FINE	" "				
J5B 283	L.0700 9+50 N.	→	" "	ST. & SD.	B/6"	BR.	MED.	" "				
J5B 284	L.0700 9+50 N.	→	Slight slope Wooded	ST. & SD.	B/9"	BR.	MED.	" " & JACKPINE				
J5B 285	L.0700 10+00 N.	→	" "	ST. & SD.	B/7"	BR.	MED.	Small spruce, PINE & JACKPINE				
J5B 286	L.0700 10+50 N.	→	" "	ST. & SD.	B/6"	BR.	MED.	" " "				
J5B 287	L.0700 11+00 N.	→	" "	ST. & SD.	B/8"	BR.	MED.	" " "				
J5B 288	L.0700 11+50 N.	→	" "	ST. & SD.	B/8"	BR.	MED.	" " "				
J5B 289	L.0700 12+00 N.	→	More open	ST.	B/6"	BR.	FINE	LARGE SPRUCE FLAT				
J5B 290	L.0700 12+50 N.	→	" "	ST. & CLAY	B/8"	BR.	FINE	SMALL SPRUCE				
J5B 291	L.0700 13+00 N.	→	" "	ST. & CLAY	B/7"	BR.	FINE	" "				
J5B 292	L.0700 13+50 N.	→	" "	ST. & CLAY	B/6"	BR.	FINE	" "				
J5B 293	L.0700 14+00 N.	→	" "	ST. & CLAY	B/8"	BR.	FINE	" "				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C Binnie & T Whitley

 AREA: Lac Le Jeune

 DATE: Feb 16 1971

 PROJECT: 410

 LOCATION REF.: Kainleors BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 294	Baseline 29+00 S.	→	Slight Slope Wooded	ST. & H.	B/8"	BLK.	FINE	Thick SMALL Spruce					
J5B 295	R2 28+00 S.	→	" " OPEN	ST. & Clay	B/4"	BR.	Med.	Old Logging Slash					
J5B 296	R2 27+00 S.	→	" " "	Sil. & Clay	B/5"	DK. BR.	Med.	" "					
J5B 297	R2 26+00 S.	→	" " Light Wooded	ST. & Gr.	B/6"	BR.	Coarse	Edge of Logging Small Fir & Jackpine					
J5B 298	R2 25+00 S.	→	" " "	ST. & Sil.	B/6"	BR.	Med.	Scattered Fir, Spruce & Jackpine					
J5B 299	R2 24+00 S.	→	" " "	ST. & Sil.	B/7"	BR.	Med.	" " " "					
J5B 300	R2 23+00 S.	→	" " "	ST. & Sil.	B/8"	BR.	Med.	" " " "					
J5B 301	R2 22+00 S.	→	" " "	ST. & Sil.	B/4"	BR.	Med.	" " " "					
J5B 302	R2 21+00 S.	→	" " "	Sil. & Clay	B/5"	BR.	Med.	" " " "					
J5B 303	R2 20+00 S.	→	" " "	ST. & Clay	B/4"	BR.	Med.	" " " "					
J5B 304	R2 19+00 S.	→	" " OPEN	ST. & Sil.	B/4"	DK. BR.	Med.	Old Logging OPEN					
J5B 305	R2 18+00 S.	→	" " "	ST. & Sil.	B/6"	DK. BR.	Med.	" " " "					
J5B 306	R2 17+00 S.	→	" " "	ST. & Sil.	B/4"	BR.	Med.	" " " "					
J5B 307	R2 16+00 S.	→	" " "	ST. & Sil.	B/6"	DK. BR.	Med.	Light Jackpines Fir Cross Old Logging R. Lat 16+20 S.					
J5B 308	R2 15+00 S.	→	" " Wooded	ST. & Sil.	B/7"	BR.	Med.	Light Fir & Jackpine					

CANADIAN JOHNS-MCNVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. Binnie & T. Whibley

AREA: Lac Le Jeune

DATE: Feb 16, 1971

PROJECT: 4-10

LOCATION REF.: KAMLOUS BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
158	R	↓	More Stepping	St. & Sd.	B/7"	BR.	Med.	Thick. Small Fir & Jackpine				
309	14+00 S.	↓	Wooded	Sd. & Clay	B/6"	BR.	Med.	Light. Small Fir & Jackpine				
159	R	↓	" "	St. & Sd.	B/6"	BR.	Med.	Light. Small Fir & Jackpine				
310	13+00 S.	↓	MORE OPEN	Clay	B/6"	BR.	Med.	Fir & Jackpine				
158	R	↓	" "	St. & Sd.	B/8"	BR.	Med.	Edge of Logging Road				
311	12+00 S.	↓	OPEN	Sd.	B/8"	BR.	Med.	Scattered Large Fir, & Jackpine				
158	R	↓	" "	St. & Sd.	B/5"	BR.	Med.	Small Scattered Fir.				
312	11+00 S.	↓	" "	Sd. & Clay	B/5"	BR.	Med.	Small Scattered Fir.				
158	R	↓	" "	St. & Sd.	B/5"	BR.	Med.	" "				
313	10+00 S.	↓	" "	St. & Sd.	B/5"	BR.	Med.	" "				
158	R	↓	Wooded	St. & Sd.	B/7"	BR.	Med.	" "				
314	9+00 S.	↓	" "	St. & Sd.	B/7"	BR.	Med.	" "				
158	R.	↓	" "	St. & Sd.	B/5"	BR.	Med.	" "				
315	8+00 S.	↓	" "	St. & Sd.	B/5"	BR.	Med.	" "				
158	R.	↓	" "	St. & Sd.	B/5"	BR.	Med.	" "				
316	7+00 S.	↓	" "	St. & Sd.	B/5"	BR.	Med.	" "				

CANADIAN JOHNS-ONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whibley

 AREA: Lachlan Trench

 DATE: Feb 17, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
317	L22+50S 2+00E	→	Sloping OPEN	St. & Scl.	B/7"	BR.	Med.	Small Draw Small Fir & Poplar					
318	L22+50S 4+00E	→	Gentle Slope WOODED	St. & Scl.	B/5"	BR.	Med.	Thick Small Fir & Spruce					
319	L22+50S 6+00E	→	" "	Scl. & Clay	B/5"	BR.	Med.	Thick Small Spruce & Jackpine					
320	L22+50S 8+00E	→	Wooded Slope	St. & Clay	B/4"	DK. BR.	FINE	Bottom of Draw Thick Spruce					
321	L22+50S 10+00E	→	OPEN Slight Slope	ST.	B/7"	BR.	FINE	Ridge Between Two Draws: Light Jackpine					K.R. & K. Claim Post at 115'E
322	L22+50S 12+00E	→	" "	St. & Scl.	B/6"	BR.	Med.	Small Poplar & Spruce Few Large Fir					INITIAL Post at 30+32 FINAL Post at 28+29 Staked Mar. 12/70
323	L22+50S 14+00E	→	Less open "	St. & Scl.	B/6"	BR.	Med.	Small Jackpine, Poplar & Fir					
324	L22+50S 16+00E	→	More open Slight Slope	St. & Scl.	B/7"	BR.	Med.	" "					
325	L22+50S 18+00E	→	" "	St. & Scl.	B/6"	BR.	Med.	" "					
326	L22+50S 20+00E	→	" "	St. & Clay	B/5"	BR.	Med.	Small Poplar & Jackpine OUTCROP AT 18+00'E.					
327	L22+50S 22+00E	→	More Slope Light Wooded	St. & Scl.	B/6"	BR.	Med.	Small Poplar, Spruce & Jackpine					
328	L22+50S 24+00E	→	" "	St. & Scl.	B/7"	BR.	Med.	" "					K.R. & K. Claim Post at 24+80E
329	L22+50S 26+00E	→	Gentle Slope "	St. & Scl.	B/6"	BR.	Med.	" "					FINAL Post at 30+31 Staked Mar 11/70
330	L22+50S 28+00E	→	" "	St. & Scl.	B/5"	BR.	Med.	Small Jackpine					
331	L22+50S 30+00E	→	" "	St. & Scl.	B/7"	BR.	Med.	Off old Grid 40' South of L15 W. L235					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whibley

 AREA: Lac Le Jeune

 DATE: Feb 17/1971

 PROJECT: A10

 LOCATION REF.: Kamloops BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 332	22+50S 32+00E	→	Gentle Slope. OPEN	St. & Sd.	B/4"	BR.	Med.	Rolling Terrain Light Spruce & Jackpine					
JSB 333	22+50S 34+00E	→	" " More Wooded	St. & Sd.	B/5"	BR.	Med.	" " " " " "					
JSB 334	22+50S 32+00E	→	" " OPEN.	St. & Sd.	B/3"	BR.	Med.	Edge of Road; Light Jackpine: OUTCROP NEAR rd.					
JSB 335	L15+00S 2+00E	→	Sloping Wooded	St. & Sd.	B/5"	BR.	Med.	Light Spruce Fir & Jackpine					
JSB 336	L15+00S 4+00E	→	" " "	St. & Sd.	B/4"	BR.	Med.	Light Fir & Jackpine Top edge of draw					
JSB 337	L15+00S 6+00E	→	Almost Level Thick Wooded	St. & Sd.	B/7"	BR.	Med.	Thick Small Fir & Jackpine: OUTCROP AT 6+00E.					
JSB 338	L15+00S 8+00E	→	" " "	St. & Sd.	B/6"	BR.	Med.	" " " " " "					
JSB 339	L15+00S 10+00E	→	" " "	St. & Sd.	B/5"	BR.	Med.	" " " "					
JSB 340	L15+00S 12+00E	→	Level Thick Wooded	St.	B/5"	BR.	FINE	Thick Small Spruce, Poplar & Jackpine					
JSB 341	L15+00S 14+00E	→	Slight Slope " "	ST CLAY.	B/6"	BR.	FINE	" " " " " "					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & T. Whalley

 AREA: LAC LE TENE

 DATE: Feb 18, 1971

 PROJECT: 410

 LOCATION REF.: KAM100/09 BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 342	L15+00S 16+00E	→	Gentle slope wooded	St. & Scl.	B/6"	DK. BR.	Med.	PINE CLIM LINE AT 14+180 E. TR 7+8: 12 JAIL POST 13 TO'S. FR 5+6: 12 G. D. LINE.					
JSB 343	L15+00S 18+00E	→	" "	St. & Scl.	B/7"	DK BR.	Med.	SMALL PINE & JACKPINE SOME LARGE FIR OUTCROP AT SAMPLE POINT					
JSB 344	L15+00S 20+00E	→	" " Light Wooded	Scl. & CLAY	B/7"	BR.	Med.	NEAR TOP OF KNOLL LIGHT POPLAR & JACKPINE LARGE FIR.					
JSB 345	L15+00S 22+00E	↘	Steeper Slope Thicket Timber	St. & Scl.	B/8"	BR.	Med.	OUTCROP BETWEEN 20 & 22. Edge of Wooded Draw.					
JSB 346	L15+00S 24+00E	↘	Edge of Draw Light Wooded	St. & Scl.	B/6"	BR.	Med.	Light Spruce, Poplar & Jackpine					
JSB 347	L15+00S 26+00E	→	Gentle Slope Moore Wooded	St. & Scl.	B/8"	BR.	Med.	SMALL SPRUCE & JACKPINE LARGE FIR OUTCROP					
JSB 348	L15+00S 28+00E	→	Almost Level Thick Wooded	St. & Scl.	B/6"	BR.	Med.	" " "					
JSB 349	L15+00S 30+00E	→	Level Light Wooded	Scl. & CLAY	B/10"	BR.	Med.	AT L15W-16S Light Jackpine					
JSB 350	L15+00S 30+60E	→	Level OPEN	Scl. & CLAY	B/7"	LT. BR.	Med.	W. Edge of LAKE					
JSB 351	L15+00S 32+145E	→	" "	Scl. & CLAY	B/5"	BR.	Med.	E. Edge of LAKE, 295 FT ACROSS					
JSB 352	L15+00S 34+00E	→	Slight Slope Light Wooded	St. & Scl.	B/4"	BR.	Med.	ABOVE LAKE OPEN JACKPINE					
JSB 353	L15+00S 36+00E	→	" "	St. & Scl.	B/5"	BR.	Med.	L 750W-16S 36+60E LT. JACKPINE / SMALL DRAW					
JSB 354	L15+00S 38+00E	→	" "	St. & Scl.	B/6"	BR.	Med.	Light Jackpine & Poplar					
JSB 355	L15+00S 38+80E	→	" "	St. & Scl.	B/5"	BR.	Med.	Edge of Road					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie

 AREA: Lacle Tenu

 DATE: Feb 27, 1971

 PROJECT: 410

 LOCATION REF: L37+505 (New trail)

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JD 001	L37+505 2+00E	→	OPEN slight slope	sd. CLAY	B/7"	BR.	Med	Old Logging 2 ft old Sample point JSB058				
JD 002	L37+505 2+50E	→	" "	ST. sd.	B/8"	BR.	Med	" " Light Spruce				
JD 003	L37+50 2+100E	→	Light wooded Level	ST. H.	B/6"	BLK.	FINE	" " "				
JD 004	L37+505 2+150E	→	Thick Spruce Level	ST. H.	B/9"	DK BR.	FINE	Thick Spruce: A old Sample point JSB059				
JD 005	4+00E	→	Light wooded Level	CLAY. H.	B/8"	BLK.	FINE	North Edge of Small Lake				
JD 006	4+50E	→	" "	ST. H.	B/8"	BLK.	FINE	" " "				
JD 007	5+00E	→	" "	ST. H.	B/8"	BLK.	FINE	" " "				
JD 008	5+50E	→	" "	ST. H.	B/9"	BLK.	FINE	" " "				
JD 009	6+00E	→	" "	ST. CLAY	B/10"	DK BR.	FINE	" " "				
JD 010	6+50E	→	" "	ST. CLAY	B/8"	DK. BR.	FINE	" " "				
JD 011	7+00E	→	" "	ST. CLAY	B/7"	DK. BR.	FINE	" " " APP. 75W. of ACROSS LAKE				JSB060
JD 012	7+50E	→	" "	ST. CLAY.	B/4"	DK. BR.	FINE	" " "				
JD 013	8+00E	→	" "	ST. CLAY	B/8"	DK BR.	FINE	" " "				
JD 014	8+50E	→	" "	ST. H.	B/7"	BLK.	FINE	" " " AT sample point JSB061				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Billie & A. Gussen

 AREA: Lake Lejeune

 DATE: Mar 3, 1971

 PROJECT: 410

 LOCATION REF.: KAMloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 355	L7+505 2+00E	→	Slight Slope Wooded	ST. Sd.	B/4"	BR.	Med.	Edge of Logging Road Thick Fir				
JSB 356	L7+505 4+00E	→	" "	ST. Sd.	B/7"	BR.	Med.	Thick JACKPINE & Fir				
JSB 357	L7+505 6+00E	→	OPEN Slight Slope	ST. Cl.	B/6"	BR.	COARSE	Light SMALL Fir Few Large Fir				
JSB 358	L7+505 8+00E	→	More wooded Slight Slope	ST. Sd.	B/7"	BR.	Med.	Thicker spruce, Fir & JACKPINE				
JSB 359	L7+505 10+00E	→	Wooded " "	ST. Sd.	B/5"	BR.	Med.	" " " " Final Post KR+K # 32:75' South				
JSB 360	L7+505 12+00E	→	Slight Slope Wooded	ST. Sd.	B/10"	DK- BR.	Med.	Small JACKPINE & Fir				
JSB 361	L7+505 12+75'E	→	OPEN Level	H. Clay	B/7"	BLK.	FINE	West Edge of LAKE				
JSB 362	L7+505 16+00E	→	" "	ST. Clay	B/6"	BR.	FINE	20' PAST EAST Edge of LAKE: 305 FT ACROSS				
JSB 363	L7+505 18+00E	→	Wooded Slight Slope	ST. Sd.	B/5"	BR.	Med.	Thick Fir & JACKPINE				
JSB 364	L7+505 20+00E	→	More OPEN Slight Slope	ST. Sd.	B/6"	BR.	Med.	" " " Some Larger Fir.				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussow

 AREA: Lacle Jeanne

 DATE: Mar 4, 1971

 PROJECT: 410

 LOCATION REF.: KAMU... 150

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 365	L7+505 22+00E	→	Hilly Thick Wooded	ST. Sd.	B/8"	BR.	Med.	Thick Small Fir & Poplar, Some Large Fir.					
J5B 366	L7+505 24+00E	→	" "	ST. Sd.	B/7"	BR.	Med.	" " " "					
J5B 367	L7+505 26+00E.	→	" "	ST. Sd.	B/4"	BR.	Med.	" " " "					
J5B 368	L7+505 28+00E	→	Light Wooded Gentle Slope	Sd. Clay	B/6"	DK. BR.	Med.	Small Spruce, Poplar & Alder.					
J5B 369	L7+505 30+00E	→	" "	ST. Sd.	B/8"	BR.	Med.	LT Spruce & Jackpine					
J5B 370	L7+505 32+00E	→	" "	ST. H.	B/6"	DK. BR.	FINE	L15 (old road) A7+80" Bottom of Draw					
J5B 371	L7+505 34+00E	→	Wooded " "	ST. Sd.	B/7"	BR.	Med.	Small Jackpine, Spruce & Poplar					
J5B 372	L7+505 36+00E	↓	Hilly Light Wooded	ST. Sd.	B/4"	BR.	Med.	" "					
J5B 373	L7+505 38+00E	→	Level OPEN	ST. Clay	B/3"	DK. BR.	Med.	Poplar & Fir Some Jackpine					
J5B 374	L7+505 38+196E	↓	OPEN Slight Slope	ST. Sd.	B/9"	BR.	Med.	Edge of Main Road					
J5B 375	BL. 6+00S	→	Thick Wooded Slight Slope	ST. Sd.	B/8"	BR.	Med.	Thick Small Jackpine & Spruce.					
J5B 376	BL 5+00S	→	" "	ST. H.	B/10"	BLK.	Med.	Small draw. " "					
J5B 377	BL. 4+00S	→	More OPEN " "	ST. Sd.	B/12"	BR.	Med.	Scattered Spruce & Jackpine Organic Roots					
J5B 378	BL 3+00S	→	" "	ST. Sd.	B/9"	BR.	Med.	Scattered Spruce & Jackpine					
J5B 379	BL 2+00S	→	More Wooded Almost Level	Sd. Clay	B/8"	BR.	Med.	" " "					

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussner

 AREA: Lake Jeanie

 DATE: Mar 4, 1971

 PROJECT: A10

 LOCATION REF.: KAMloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 380	1200S	→	Wooded Almost level	ST. Sd.	B/8"	BR.	Med.	Thick Spruce: Large. Burned Fir trace.				
JSB 381	0700	→	OPEN " "	ST. Sd.	B/10"	BR.	Med.	Large Scattered Spruce & Fir				
JSB 382	2000E	→	Wooded " "	ST. Sd.	B/11"	BR.	Med.	Thick Small Spruce & Fir				
JSB 383	4000E	→	" "	Sd. Clay	B/4"	BR.	Med.	Top of Knoll Access Road at 3400E				
JSB 384	6000E	→	Slipping OPEN	ST. Clay	B/1"	BR.	FINE	Light Small Fir Some Large Fir				
JSB 385	8000E	→	" Wooded	ST. Sd.	B/6"	BR.	Med.	Thick Small Fir & Spruce				
JSB 386	10000E	→	" OPEN	ST. Sd.	B/7"	BR.	Med.	Light Small Fir + Jackpine				
JSB 387	12000E	→	Almost level Wooded	ST. Sd.	B/6"	BR.	Med.	Thick Small Spruce & Jackpine				
JSB 388	14000E	→	" " " "	Sd. Clay	B/6"	BR.	Med.	" "				
JSB 389	16000E	→	OPEN Slipping	ST. Sil	B/5"	LT. BR.	Med.	OPENSidehill, Large Fir Near old logging road. PINE	INITIAL POINT # 910 FINAL POINT 719			AT 15 E.

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. B. INNE & A. GUSSEN

Road CUT SAMPLING

 AREA: LAC Le Teneur

 DATE: MAY 7/1971

 PROJECT: A10

 LOCATION REF.: L 45+005 AT Road

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
RC 001	200' N of L 45+005	↘	OPEN Edge of Road	ST. sd. & G.	B/9"	BR.	COARSE	TAKEN IN CUT					
RC 002	100' N of L 45+005	↘	" " "	ST. sd. & G.	B/12"	BR.	"	" " "					
RC 003	L 45+005 AT Road	↘	" " "	ST. sd. & G.	B/10"	BR.	"	" " "					
RC 004	100' S of L 45+005	↘	" " "	ST. sd. & G.	B/11"	BR.	"	" " "					
RC 005	200' S of L 45+005	↘	" " "	ST. sd. & G.	B/14"	BR.	"	Taken under Tree Next Road					
RC 006	300' S of L 45+005	↘	" " "	ST. sd. & G.	B/6"	BR.	"	Edge of Road Next Outcrop.					
RC 007	400' S of L 45+005	↘	" " "	ST. sd. & G.	B/5"	BR.	"	15' From Edge of Road					
RC 008	500' S of L 45+005	↘	" " "	ST. sd. & G.	B/8"	BR.	"	10' " " "					
RC 009	600' S of L 45+005	↘	" " "	ST. sd. & G.	B/9"	DK BR.	"	15' " " "					
RC 010	AT L 52+505	↘	" " "	ST. sil	B/7"	BR.	Med	AT Sample Point JSB 029					
RC 011	100' S of L 52+505	↘	" " "	ST. sil	B/8"	BR.	Med	20' From Edge of Road: SLS 189 Below Road					
RC 012	300' N of L 45+005	↘	" " "	ST. sd. & G.	B/8"	BR.	COARSE	TAKEN IN CUT					
RC 013	400' N of L 45+005	↘	" " "	ST. sd. & G.	B/8"	BR.	"	" " "					
RC 014	500' N of L 45+005	↘	" " "	ST. sd. & G.	B/8"	BR.	"	" " "					
RC 015	600' N of L 45+005	↘	" " "	ST. sd.	B/12"	DK BR.	Med	20' From Edge of Road.					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BIRNIE & A. GUSSEN

AREA: Laole Tonne

DATE: Mar 8 1971

PROJECT: A10

LOCATION REF.: L 45+005 (New Pond)

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JD 015	L45+005 12+00E JSB046	→	Slight Slope Thick Wooded	ST. H.	B/4"	BK.	FINE	Edge of Draw Near Lake				
JD 016	12+00E +50	→	" " More OPEN	ST. Sd	B/4"	DK. BR.	Med	Small Knoll " "				
JD 017	12+00E +100	→	" " " "	ST. Sd.	B/5"	BR.	Med	" " " "				
JD 018	12+00E +150	→	" " " "	Sd.	B/8"	BR.	COARSE	Slope Facing Lake				
JD 019	14+00E JSB047	→	OPEN, Level	ST. H.	B/8"	BK.	FINE	Edge of Lake				
JD 020	14+00E +50	→	" "	ST. H.	B/4"	BK.	FINE	West Side of Lake Taken Through ICE				
JD 021	14+00E +100	→	" "	ST. H.	B/3"	BK.	FINE	" " " " " " " "				
JD 022	14+00E +150	→	" "	ST. H.	B/6"	BK.	FINE	North " " " " " " "				
JD 023	14+00E +200	→	" "	ST. H.	B/7"	BK.	FINE	" " " " " " " "				
JD 024	14+00E +250	→	" "	ST. H.	B/4"	BK.	FINE	North Side of Lake Taken Through ICE				
JD 025	14+00E +300	→	" "	ST. H.	B/4"	BK.	FINE	" " " " " " " "				
JD 026	14+00E +350	→	" "	ST. H.	B/4"	BK.	FINE	" " " " " " " "				
JD 027	14+00E +400	→	" "	ST. H.	B/4"	BK.	FINE	" " " " " " " "				
JD 028	14+00E +450	→	" "	ST. H.	B/6"	BK.	FINE	" " " " " " " "				
JD 029	15+00E JSB048	→	Level Edge of Timber	ST. H.	B/7"	BK.	FINE	EAST Edge of Lake.				

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

AREA: LAC LA PLOUVE

LOCATION REF.: KAMLOOPS, B.C.

LECTOR: C. BINNIE & A. GUSSEN

PROJECT: A-10

DATE: MAR 9, 1971

SITE	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
3	BL.	→	OPEN	Sd. CLAY	B/8"	BR.	Med	LARGE FIR				
3	1+00N	→	Almost Level	ST.	B/9"	BR.	COARSE	Old Logging Slash				
3	BL	→	Wooded	CL.	B/9"	BR.	COARSE	SMALL FIR				
3	2+00N	→	" "	CL.	B/9"	BR.	COARSE	SOME JACKPINE				
4	2+00N	→	" "	ST.	B/6"	BR.	Med.	" "				
3	BL.	→	" "	Sd.	B/6"	BR.	Med.	" "				
5	3+00N	→	" "	ST.	B/4"	BR.	COARSE	SOME LARGE FIR				
5	BL	→	OPEN	ST. Sd. CL.	B/4"	BR.	COARSE	Small Alder & Jackpine				
06	4+00N	→	" "	ST.	B/8"	BR.	Med	SMALL FIR: SOME				
SB	BL	→	Stepping	ST. Sd.	B/8"	BR.	Med	JACKPINE & SPRUCE				
07	5+00N	→	Wooded	ST.	B/4"	DR. BR.	FINE	Bottom of Draw				
07	5+00N	→	Level	ST. CLAY	B/4"	DR. BR.	FINE	Crevice of Large Spruce				
SB	BL	→	Light Wooded	ST. CLAY	B/4"	DR. BR.	FINE	Small Spruce, Fir				
408	6+00N	→	Slight Slope	ST. Sd.	B/7"	LT. BR.	FINE	& Alder				
SB	BL.	→	" "	ST. Sd.	B/7"	LT. BR.	FINE	LARGE FIR, Spruce				
409	7+00N	→	" "	ST. Sd.	B/8"	BR.	Med	& Jackpine				
SB	L7+50N	→	" "	ST. Sd.	B/8"	BR.	Med	" " "				
410	2+00E	→	" "	ST. Sd.	B/4"	BR.	Med	& Poplar				
JSB	L7+50N	→	" "	ST. Sd.	B/4"	BR.	Med	Small Jackpines & Fir				
411	4+00E	→	" "	ST. Sd.	B/2"	LT. BR.	FINE	Old Skid Trail at 5+20E				
JSB	L7+50N	→	" "	ST. Sd.	B/2"	LT. BR.	FINE	Small Fir: ON				
412	6+00E	→	" "	ST. Sd.	B/6"	LT. BR.	FINE	ACCESS Road				
JSB	L7+50N	→	" "	ST. Sd.	B/6"	LT. BR.	FINE	Thick Small Spruce				
413	8+00E	→	" "	CLAY	B/4"	DR. BR.	FINE	Bottom of Draw				
JSB	L7+50N	→	Thick Wooded	H.	B/4"	DR. BR.	FINE	" " " Old Sawmill site				
414	10+00E	→	" "	ST. H.	B/4"	DR. BR.	FINE	Skid Road at 10+50E				
JSB	L7+50N	→	" "	ST. H.	B/4"	DR. BR.	FINE	LT. Fir & Jackpine				
415	12+00E	→	25° Slope	ST.	B/6"	BR.	Med	Old Logging				
JSB	L7+50N	→	OPEN	ST. Sd.	B/6"	BR.	Med	Thick Small Fir.				
416	14+00E	→	" "	ST. Sd.	B/7"	DR. BR.	Med	CLAIMLINE IS 10' W. of JSB				

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. G. Gussen

 AREA: Lake Teviot

 DATE: Mar 9, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 418	L7+50N 18+00E	→	Almost Level Light Wooded	Sd. CLAY	B/8"	BR.	Med.	Small Fir, old Logging slash.					
JSB 419	L7+50N 20+00E	→	" " " "	ST. Sd.	B/5"	BR.	Med.	" " "					
JSB 420	L7+50N 22+00E	↘	" " " "	ST. Sd.	B/8"	BR.	Med.	" "					
JSB 421	L7+50N 24+00E	↘	Steeper Slope Thick Wooded	ST. Sd.	B/7"	BR.	Med.	Fir & Spruce All sizes					
JSB 422	L7+50N 26+00E	↘	" " " "	ST. Sd.	B/8"	BR.	Med.	" "					
JSB 423	L7+50N 28+00E	↘	Slight Slope OPEN	ST. Sd.	B/4"	BR.	Med.	Old Sawmill site Small Pine					
JSB 424	L7+50N 30+00E	→	Almost Level Light Wooded	ST. CLAY Sd.	B/6"	BR.	FINE	Poplar, Fir & Jackpine					
JSB 425	L7+50N 32+00E	→	Level Thick Wooded.	ST. CLAY	B/5"	DR BR.	FINE	Bottom of Draw Thick Spruce					
JSB 426	L7+50N 34+00E	→	" " Light Wooded	ST. Sd.	B/5"	BR.	Med.	Light Small Poplar, Spruce & Jackpine					
JSB 427	L7+50N 36+00E	→	" " " "	ST. Sd.	B/4"	BR.	Med.	" " "					
JSB 428	L7+50N 38+00E	↘	Hilly, Rolling Light Wooded	ST. Sd.	B/10"	BR.	Med.	Fir & Poplar Small Draws					
JSB 429	L7+50N 40+00E	↘	" " " "	ST. Sd.	B/7"	BR.	Med.	" "					
JSB 430	L7+50N 40+150'E	↘	Slight Slope Light Wooded	ST. Sd.	B/8"	BR.	Med.	Small Jackpine & Poplar Edge of Road					
								760' To L0+00					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussow

 AREA: Lache Teunie

 DATE: Mar 10 / 1971

 PROJECT: 410

 LOCATION REF.: KAMLAOPS BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 431	BL. 8+00N	↘	Sloping Light Wooded	ST. Sd.	B/6"	BR.	Med.	Bottom of Hill Scattered Fir & Spr					
J5B 432	BL. 9+00N	↘	" "	ST. Sd. C.	B/4"	BR.	Coarse	Top of Hill Scattered Fir & Jackpine					
J5B 433	BL. 10+00N	↘	" "	ST. Sd.	B/4"	BR.	Med.	Hilly Scattered Jackpine & Fir					
J5B 434	BL. 11+00N	↘	" "	ST. Sd.	B/4"	BR.	Med.	" " "					
J5B 435	BL. 12+00N	↘	" "	ST. Sd.	B/5"	LT. BR.	Med.	" " "					
J5B 436	BL. 13+00N	↘	" "	ST. Sd.	B/4"	BR.	Med.	Small Fir & Jackpine					
J5B 437	BL. 14+00N	↘	" "	Sd. Clay	B/3"	BR.	Med.	Larger Fir Small Jackpine					
J5B 438	BL. 15+00N	↘	" "	ST. Sd.	B/5"	BR.	Med.	" "					
J5B 439	L15+00N 2+00E	→	Almost Level Thick Wooded	Sd. Clay	B/9"	BR.	Med.	Thick Small Fir & Jackpine					
J5B 440	L15+00N 4+00E	→	Slight Slope Light Wooded	ST. Sd.	B/8"	BR.	Med.	Large Fir Old Logging Slash					
J5B 441	L15+00N 6+00E	↘	" "	ST. Sd.	B/8"	BR.	Med.	" " "					
J5B 442	L15+00N 8+00E	↘	Steep Slope Thick Wooded	ST. Sd.	B/6"	BR.	Med.	" " "					
J5B 443	L15+00N 10+00E	→	Slight Slope Thick Wooded	ST. Sd.	B/9"	BR.	Med.	Thick Small Spruce					
J5B 444	L15+00N 12+00E	→	" "	ST. Clay	B/10"	BR.	FINE	" " "					
J5B 445	L15+00N 14+00E	→	Almost Level OPEN	ST.	B/3"	BR.	FINE	ACCESS Road at 10+175'E Small Spruce Old Logging Slash					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. B. INNIE & A. GUSSEN

 AREA: Lake Louise

 DATE: MAY 10 / 1971

 PROJECT: 410

 LOCATION REF.: Kamloops, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 446	L15+00N 16+00E	↘	Slight Slope Light Wooded	ST. Sd.	B/5"	BR.	Med.	CLAIMLINE: INITIAL POST PINE #11412: FINAL POST #9410				
JSB 447	L15+00N 18+00E	↘	" "	ST. Sd.	B/8"	BR.	Med.	SMALL SPRUCE & FIR Old Logging Slash.				
JSB 448	L15+00N 20+00E	→	Almost level "	ST. clay	B/7"	BR.	FINE	" " " " " "				
JSB 449	L15+00N 22+00E	↘	Slight Slope "	ST. Sd.	B/5"	BR.	Med.	" Fir & Jackpine " " "				
JSB 450	L15+00N 24+00E	↘	" "	ST. Sd.	B/6"	BR.	Med.	" " " " " "				
JSB 451	L15+00N 26+00E	↘	" "	ST. Sd.	B/4"	BR.	Med.	" " " " " " Old Skid Road 24+90				
JSB 452	L15+00N 28+00E	↘	" "	ST. Sd.	B/5"	BR.	Med.	" " " " " "				
JSB 453	L15+00N 30+00E	↘	" "	Sd. CLAY	B/9"	BR.	Med.	" " " " " "				
JSB 454	L15+00N 32+00E	↘	" "	Sd. CLAY	B/6"	BR.	Med.	" " " " " "				
JSB 455	L15+00N 34+00E	↘	" "	ST. Sd.	B/8"	BR.	Med.	SMALL SPRUCE, Poplar & Jackpine				
JSB 456	L15+00N 36+00E	↘	Hilly OPEN	CLAY Sd.	B/10"	BR.	Med.	SMALL DRAW Larger Jackpine & Poplar SMALL SPRUCE				
JSB 457	L15+00N 38+00E	↘	" "	ST. C.	B/6"	LT BR.	COARSE	Poplar & Jackpine Scattered, Small				
JSB 458	L15+00N 40+00E	↘	Slight Slope OPEN	ST. C.	B/4"	BR.	COARSE	Jackpine: Edge of Row 740' To L7+50N				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE & A. GUSSEN

 AREA: Lake Tenne

 DATE: March 1971

 PROJECT: 410

 LOCATION REF.: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 459	BASELINE 16+00N	↘	Steep Slope Light Wooded	ST. Scl.	B/7"	BR.	Med.	Scattered Jackpine Stopping To Draw					
JSB 460	B 17+00N	↘	Gentle Slope " "	ST. G.	B/3"	BR.	Coarse	Near Bottom of Draw Spruce & Jackpine					
JSB 461	BL 18+00N	→	Level Light Wooded	ST H	B/7"	DR. BR.	FINE*	Few scattered spruce Bottom of Draw Spruce & Fir.					
JSB 462	BL 19+00N	↘	Slight Slope Light Wooded	ST Scl	B/6"	BR.	Med.	opposite side of Draw Small Spruce.					
JSB 463	BL 20+00N	↘	" " " "	ST. Scl. G.	B/4"	BR.	Coarse	Fir & Alder					
JSB 464	BL 21+00N	↘	" " Thick Wooded	ST. Scl.	B/6"	BR.	Med.	Small Spruce & Jackpine					
JSB 465	BL 22+10N	↘	" " Light Wooded	ST. Scl.	B/5"	BR.	Med.	" "					
JSB 466	L22+50N 2+00E	↘	" " " "	ST. Scl.	B/8"	BR	Med.	Scattered, Poplar. Spruce & Jackpine					
JSB 467	22+50N 4+00E	↘	Level OPEN	H.	B/12"	BLK.	FINE*	Edge of Small Lake Near SLS 103 ?					
JSB 468	22+50N 6+00E	↘	Level Thick Wooded	H.	B/9"	BLK.	FINE*	Bottom of Draw Near SLS 102 ?					
JSB 469	22+50N 8+00E	→	" " " "	ST. CLAY.	B/8"	DR. BR.	FINE	" " " " " 101 ?					
JSB 470	22+50N 10+00E	→	" " " "	ST. H.	B/8"	BLK.	FINE*	Thick Spruce & Poplar					
JSB 471	22+50N 12+00E	↘	Slight Slope Thick Wooded	ST. Scl.	B/5"	BR.	Med.	Thick Small Spruce & Poplar					
JSB 472	22+50N 14+00E	↘	" " " "	ST. CLAY	B/9"	BR.	FINE	IP and Animal #1 L4W: 91755 AT 121175E					
JSB 473	22+50N 16+00E	↘	" " " "	Scl. CLAY	B/6"	BR	Med	Location line Thick Spruce & Poplar					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BIANCHI & A. B. SSIEN

 AREA: LAC Le JEWY

 DATE: MAR. 16, 1971

 PROJECT: 410

 LOCATION REF.: KAMLEADS BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 474	L22+50N 18+00E	→	FLAT, Wooded	ST.	B/8"	DK. BR.	FINE	Thick small spruce I.P. Grid L. 01 ^S 8+50S AT 18+30E				
JSB 475	L22+50N 20+00E	→	FLAT. OPEN.	ST. Scl.	B/4"	BR.	Med.	Edge of ACCESS .. Road.				
JSB 476	BASELINE 23+00N	→	Slight Slope Light Wooded	ST.	B/12"	BR.	FINE	SMALL SPRUCE & JACKPINE				
JSB 477	BL. 24+00N	→	" "	ST. Scl.	B/3"	LT. BR.	COARSE	" " & Fir.				
JSB 478	BL. 25+00N	→	" "	ST. Scl.	B/5"	BR.	Med.	SOME LARGER Fir.				
JSB 479	BL. 26+00N	→	" "	ST. Scl.	B/10"	BR.	Med.	Smaller JACKPINE & SPRUCE				
JSB 480	BL. 27+00N	→	" "	ST. Scl.	B/4"	LT. BR.	Med.	" " SOME LARGER Fir.				
JSB 481	BL. 28+00N	↘	Steeper Slope Thick Wooded	ST. Scl.	B/6"	LT. BR.	Med.	Thick Small SPRUCE				
JSB 482	BL. 29+00N	→	Level " "	ST	B/6"	LT. BR.	FINE	Edge of LAKE.				
JSB 483	BL. 30+00N	→	Level OPEN	H	B/3"	BLK.	FINE*					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussien

 AREA: Lac Le Jeune

 DATE: Mar 17, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J513 484	L22+50N 22+00E	→	Level Light Wooded	ST. Scl.	B/3"	BR.	Med.	IP. Grid LAE: 8+20'S AT 22+00E				
J513 485	L22+50N 24+00E	→	" "	ST. Scl.	B/3"	BR.	Med.	old Logging slash Skid Trail at 22+110'E				
J513 486	L22+50N 26+00E	→	" "	ST. Scl.	B/6"	BR.	Med.	Spruce, Poplar & Jackpine				
J513 487	L22+50N 28+00E	↘	Slight slope " "	ST. Scl.	B/3"	BR.	Med.	Old Logging slash Small spruce, Poplar & Fir				
J513 488	L22+50N 30+00E	↘	Steeper slope Thick Wooded	ST. Scl. & c.	B/12"	BR.	COARSE	Thin spruce & Poplar Near Bottom of Draw				
J513 489	L22+50N 32+00E	→	Slight slope Wooded	ST. Scl.	B/10"	BR.	Med.	Spruce, Alder & Fir				
J513 490	L22+50N 34+00E	→	Almost level Light Wooded	ST.	B/12"	DR. BR.	FINE	spruce, poplar & Jackpine				
J513 491	L22+50N 36+00E	→	Slight slope " "	ST. Scl.	B/12"	BR.	Med.	" "				
J513 492	L22+50N 38+00E	→	" " Thicken Wooded	Scl. CLAY	B/10"	DR. BR.	Med.	Small spruce Poplar & Alder				
J513 493	L22+50N 40+00E	→	" " Light Wooded	ST. Scl.	B/12"	BR.	Med.	" " Larger Jackpine				
J513 494	L22+50N 40+175'E	→	" " OPEN	ST. Scl.	B/7"	BR.	Med.	Small scattered Poplar Edge of Road 675' to L15+00N				
J513 495	L230+00N 2+00E	↘	Slight slope Thick Wooded	ST. Scl.	B/12"	BR.	Med.	Thick Jungle of Jackpine & spruce				
J513 496	L30+00N 4+00E	↘	" " " "	ST. Scl. & clay	B/16"	BR.	Med.	Small Jackpine & spruce. Near Bottom of Draw				
J513 497	L30+00N 6+00E	→	" " Light Wooded	ST. Scl. & c.	B/8"	BR.	COARSE	Small Jackpine; Larger Fir Exposed Rock				
J513 498	L30+00N 8+00E	→	" " " "	Scl. clay	B/3"	BR.	Med.	JACKPINE & SPRUCE Near Edge of Lake				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussen

 AREA: Lac Le Jeune

 DATE: MAY 17, 1971

 PROJECT: 410

 LOCATION REF.: KAMLOOPS

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB	L30+00N	→	FLAT	ST.	B/12	BLK.	FINE	EAST SIDE OF LAKE					
499	12+100'E		Wooded	H.				4.50' ACROSS					
JSB	L30+00N	→	"	ST.	B/10"	BLK.	FINE*	IP Grid: L4W; 1150S					
500	14+00N		Light Wooded	H.				AT 12+190'E					
JSB	L30+00N	→	"	Scl	B/10"	DK.	Med	THICK SMALL SPRUCE					
501	16+00N		Thick Wooded	CLAY		BR.		AT LOCATION LINE					
JSB	L30+00N	→	Slight Slope	ST.	B/10"	BR.	Med.	IP Grid: L0W; 1150S					
502	18+00E	→	Light Wooded	Scl.	1/10"			Edge of R+L Road					
								IP = Improved Botanical Grid (Squarish Area)					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. E. Sisson

 AREA: Lake Jeanie

 DATE: May 18, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 503	L30+00N 20+00E	→	Slight Slope Light Wooded	ST. Sd.	B/6	BR.	Med.	Small Jackpine & Spruce: Some Large Fir				
J5B 504	L30+00N 22+00E	→	" " Thicker Wooded	Sd. CLAY	B/9"	BR.	Med.	IP Grid: L4E = 1+155				
J5B 505	L30+00N 24+00E	→	" " " "	Sd. CLAY	B/10"	BR.	Med.	Thick Small poplar Fir & Spruce				
J5B 506	L30+00N 26+00E	→	Almost Level " "	ST Sd	B/10"	BR.	Med.	" " Spruce & Poplar				
J5B 507	L30+00N 28+00E	→	" " More OPEN	ST. Sd.	B/9"	BR.	Med.	Large Spruce & Poplar				
J5B 508	L30+00N 30+00E	→	" " Thick Wooded	Sd. CLAY	B/10"	BR.	Med.	Small Fir & Jackpine				
J5B 509	L30+00N 32+00E	→	Hilly Wooded	ST.	B/14	BR.	FINE	R+L Road at 30+125'E Small clams, Small Spruce & Fir				
J5B 510	L30+00N 34+00E	↘	" " Light Wooded	ST. Sd. & C.	B/12"	BR.	COARSE	Large scattered Fir Old Logging				
J5B 511	L30+00N 36+00E	↘	" " " "	CLAY C.	B/15"	BR.	COARSE	Scattered Fir: Side of Draw - Old Logging				
J5B 512	L30+00N 38+00E	→	" " " "	CLAY C.	B/12"	BR.	COARSE	Bottom of Draw Old Logging, Scattered Spruce				
J5B 513	L30+00N 40+00E	↘	" " " "	ST. Sd.	B/3"	BR.	Med.	Side of draw Old Logging: Few Spruce				
J5B 514	L30+00N 42+00E	→	Slight Slope Light Wooded	ST. Sd.	B/8"	BR.	Med.	Scattered Jackpine Old Skid Road				
J5B 515	L30+00N 44+00E	→	" " Thicker Wooded	ST. Sd.	B/4"	BR.	Med.	Thick Small Spruce & Poplar				
J5B 516	L30+00N 46+175E	→	Level OPEN	Sd. CLAY & C.	B/10"	Green BR.	COARSE	Edge of Swamp at 20 90+00N: Edged Road at 46+170'E 645' To L22+50N.				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE & A. CURSEN

 AREA: Lac Le Jeune

 DATE: MAR. 23, 1971

 PROJECT: 410

 LOCATION REF.: KAMLOOAS, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 517	BL 35+00N	→	FLAT OPEN	ST. CLAY H.	B/5"	BLK.	FINE	Edge of LAKE					
JSB 518	BL 36+00N	→	Slight Slope Light Wooded	ST. Sd.	B/4"	BR.	Med.	Middle of R+L Road					
JSB 519	BL 37+00N	→	" "	ST. Sd.	B/12"	BR.	Med.	JACKPINE, Poplar Spruce & Alder					
JSB 520	BL 38+00N	→	" "	ST. Sd.	B/5"	BR.	Med.	" " " & Fir					
JSB 521	BL 39+00N	→	" "	ST. Sd.	B/4"	BR.	Med.	JACKPINE, Spruce & Fir					
JSB 522	BL 40+00N	→	" "	ST. Sd.	B/5"	BR.	Med.	" " Larger Fir					
JSB 523	BL 41+00N	→	" "	ST. Sd.	B/6"	BR.	FINE	Large Spruce & Small Poplar					
JSB 524	BL 42+00N	→	" "	ST. Sd.	B/10"	BR.	Med.	JACKPINE & Small Spruce					
JSB 525	BL 43+00N	→	" " Wooded	ST.	B/10"	BR.	FINE	Thicker Spruce, Fir & JACKPINE					
JSB 526	BL 44+00N	→	" "	ST.	B/12"	BR.	FINE	Thicker Spruce					
JSB 527	BL 45+00N	→	" " Light Wooded	ST. Sd.	B/14"	BR.	Med.	SOME Larger Fir Small Spruce & JACKPINE					
JSB 528	BL 46+00N	→	" "	ST.	B/7"	BR.	FINE	" " " " " & Poplar					
JSB 529	BL 47+00N	→	" "	Sd. CLAY	B/10"	BR.	Med.	Poplar & JACKPINE					
JSB 530	BL 48+00N	→	" "	ST. Sd.	B/9"	BR.	Med.	" & Spruce					
JSB 531	BL 49+00N	→	" " Wooded	ST. Sd.	B/5"	BR.	Med.	Spruce, Fir & Poplar.					

CANADIAN JOHNS CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BIRNIE & A. GUSSEN

 AREA: Luc Le Jeune

 DATE: MAY 24, 1971

 PROJECT: 410

 LOCATION REF.: KANLoup BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
532	L37+50N 2+00E	↘	Slight Slope Light Wooded	ST. Sd. &	B/14"	BR.	Coarse	Small Fir & Jack Pine				
533	L37+50N 4+00E	↘	" " Thicker Wooded	ST. Sd. &	B/4"	LT. BR.	Coarse	Thick Small Spruce & Jack Pine				
534	L37+50N 6+00E	↘	" " " "	ST. Sd.	B/14"	BR.	Med.	Edge of RR Road; By S.W. Corner of Home Site Stake				
535	L37+50N 8+00E	↘	" " " "	ST. Sd.	B/2"	BR.	Med.	JACK PINE & Larger Spruce				
536	L37+50N 10+00E	↘	Steeper Slope " "	ST. Sd. &	B/4"	BR.	Coarse	JACK PINE & SPRUCE				
537	L37+50N 12+00E	↘	Slight Slope Light Wooded	ST. Sd.	B/4"	BR.	Med.	Larger Scattered JACK PINE				
538	L37+50N 14+00E	↘	" " Thicker Wooded	ST. Sd.	B/16"	BR.	Med.	I.P. Grid L4W; 5+50N.				
539	L37+50N 18+00E	↘	" " Thick Wooded	ST. H.	B/14"	DK Grey	Med.	Edge of Swamp Thick Small Spruce				
540	L37+50N 20+00E	↘	" " Less Wooded	ST. Sd. &	B/6"	BR.	Coarse	Small Spruce, Poplar & JACK PINE				
541	L37+50N 22+00E	↘	" " " "	ST. Sd.	B/4"	BR.	Med.	I.P. Grid: L4E; 5+60N AT 21+40E.				
542	L37+50N 24+00E	↘	" " Light Wooded	ST. Sd.	B/6"	BR.	Med.	Small Jack Pine Spruce & Fir				
543	L37+50N 26+00E	↘	" " " "	ST. Sd.	B/6"	BR.	Med.	Some Larger Spruce & Fir				
544	L37+50N 28+00E	↘	" " " "	Clay H.	B/18"	Grey & DK BR.	FINE	Larger Fir Near Small Swamp				
545	L37+50N 30+25E	↘	" " " "	ST. Sd.	B/10"	BR.	Med.	Some Spruce Edge of Swamp				
546	L37+50N 32 00E	↘	" " " "	ST. Sd.	B/12"	BR.	Med.	Small Spruce Large Fir				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. RINNIE & AGUSSEN

 AREA: Lake Tenine

 DATE: MAR 25, 1971

 PROJECT: 410

 LOCATION REF: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J513 560	L37+50N 62+00E	→	Slight Slope Light Wooded	ST. Sd.	B/4"	BR.	Med	SMALL JACKPINE					
J513 561	L37+50N 64+00E	→	" "	Sd. clay.	B/4"	BR.	Med	" " & SPRUCE					
J513 562	L37+50N 66+00E	→	" "	ST.	B/8"	BR.	FINE	" " Edge of ^{MAIN} Road					
			L45+00N					L45+00N					
J513 563	L45+00N 2+00E	→	Slight Slope Wooded	ST. Sd.	B/5"	BR.	COARSE	Larger Fir & SPRUCE					
J513 564	L45+00N 4+00E	→	" "	ST. Sd.	B/4"	BR.	Med.	Jackpine, small spruce & poplar					
J513 565	L45+00N 6+00E	→	" "	ST. Sd.	B/10"	BR.	Med.	Thick Jackpine & Spruce					
J513 566	L45+00N 8+00E	→	Almost Level Light Wooded.	H Clay	B/10"	Grey BR.	FINE	East Edge of small swamp					
J513 567	L45+00N 10+00E	→	" "	ST. Sd.	B/6"	BR.	COARSE	Small Jackpine, spruce & pop					
J513 568	L45+00N 12+00E	→	" "	ST. Sd.	B/10"	BR.	COARSE	Thick Small Jackpine					
J513 569	L45+00N 14+00E	→	Slight Slope Light Wooded	ST. Sd.	B/10"	BR.	Med.	Scattered spruce & Jackpine					
J513 570	L45+00N 16+00E	↘	Steeper Slope Thicker Wooded	ST. Sd.	B/4"	BR.	Med.	IRGid L4W: 13+75N AT 14+50E					
J513 571	L45+00N 18+00E	↘	Slight Slope Light Wooded	ST.	B/10"	BR.	FINE	" " LO: 13+50N AT 17+70E					
J513 572	L45+00N 20+00E	↘	" "	ST. Clay	B/10"	DR BR.	FINE	Edge of Stream Bed					
J513 573	L45+00N 22+00E	↘	" "	ST.	B/8"	BR.	FINE	IRGid L4E: 14N AT 21+70E					

CANADIAN JOHNS-INVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNER A. GOSSEN

 AREA: LAC LE JEUNE

 DATE: MAR 27, 1971

 PROJECT: 410

 LOCATION REF.: KAMLEPS BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
573	L45+00N	→	Thick Wooded	ST.	B/3"	BR.	Med.	Thick Small Jackpine				
574	24+00E	→	Slight Slope	sd.	B/3"	BR.	Med.	4 Spruce; Some large Fir				
575	L45+00N	→	" "	ST.	B/5"	BR.	Med.	Thick Small Jackpine & Spruce				
576	26+00E	→	" "	sd.	B/5"	BR.	Med.	" Larger				
577	L45+00N	→	" "	CLAY	B/10"	BR.	Med.	" "				
578	L45+00N	→	" "	ST.	B/5"	BR.	Med.	Thick Small Spruce				
579	30+00E	→	" "	sd.	B/5"	BR.	Med.	Poplar & Jackpine				
580	L45+00N	→	" "	ST. sd. G.	B/4"	BR.	COARSE	Small Spruce Fir & Poplar				
581	32+00E	→	" "	ST.	B/3"	BR.	Med.	Small Fir, Some Jackpine				
582	L45+00N	→	" "	sd.	B/3"	BR.	Med.	Old Logging				
583	L45+00N	↘	Steeper Slope	ST. G.	B/7"	BR.	COARSE	Top Edge of Draw.				
584	36+00E	↘	Light Wooded	G.	B/7"	BR.	COARSE	" " Slash.				
585	L45+00N	↘	" "	sd.	B/5"	DR BR.	Med.	East side of Draw				
586	38+00E	↘	" "	CLAY	B/5"	BR.	Med.	" " "				
587	L45+00N	→	Slight Slope	ST.	B/4"	BR.	Med.	Skid Road AT 40+30E				
588	40+00E	→	" "	sd.	B/4"	BR.	Med.	" " "				
589	L45+00N	↘	" "	ST. sd. G.	B/4"	BR.	COARSE	Edge of Skid Road				
590	42+00E	↘	" "	G.	B/4"	BR.	COARSE	" " "				
591	L45+00N	↘	Steeper Slope	ST. G.	B/5"	BR.	COARSE	Some Larger Fir				
592	44+00E	↘	" "	G.	B/5"	BR.	COARSE	" " "				
593	L45+00N	→	Almost Level	ST. sd. G.	B/5"	BR.	COARSE	Smaller Fir & Spruce				
594	46+00E	→	" "	G.	B/5"	BR.	COARSE	" " "				
595	L45+00N	↘	Sloping	ST. sd. G.	B/4"	BR.	COARSE	OPEN Sidehill				
596	48+00E	↘	OPEN	G.	B/4"	BR.	COARSE	Few Small Pine				
597	L45+00N	→	Slight Slope	ST.	B/6"	BR.	FINE	Larger Jackpine, Small				
598	50+00E	→	Wooded	CLAY	B/6"	BR.	FINE	Thick Spruce, West Edge of Lake AT 51+35E				
599	L45+00N	↘	OPEN	ST.	B/4"	G DR.	FINE	West Edge of Lake				
600	57+40E	↘	Level	CLAY	B/4"	G DR.	FINE					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BIRNIE & A. GUSSEN

 AREA: LAC LE JEUNE

 DATE: MAY 28 1971

 PROJECT: 410

 LOCATION REF.: Kawlopa BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 596	BL. 50+00N	↘	Slight Slope Light Wooded	ST. Sd.	B/5"	BR.	Med.	Small JACKPINE SPACE & PEARL					
JSB 597	BL. 51+00N	↘	Steeper Slope Thick Wooded	ST. Sd. G.	B/10"	BR.	COARSE	Small Fir & JACKPINE					
JSB 598	BL. 52+00N	↘	Steep Slope Light Wooded	ST. Sd.	B/4"	BR.	Med.	ON KNOLL BETWEEN DRAWS					
JSB 599	BL. 53+00N	↘	" "	ST. Sd.	B/10"	BR.	Med.	BOTTOM of DRAW Some Larger Fir					
JSB 600	BL. 54+00N	↘	" "	ST. Sd. G.	B/10"	LT. BR.	COARSE	" " "					
JSB 601	BL. 55+00N	↘	" "	ST.	B/14"	LT. BR.	FINE	" " " Smaller Fir					
JSB 602	BL. 56+00N	↘	Slight Slope Light Wooded	ST. Sd.	B/2"	BR.	Med.	" " " Larger Fir					
JSB 603	BL. 57+00N	↘	" "	ST. Sd. G.	B/4"	BR.	COARSE	" " " Side of DRAW					
JSB 604	BL. 58+00N	↘	" "	ST. CLAY	B/3"	BR.	FINE	Head of DRAW, Small SPACE, Large Fir					
JSB 605	BL. 59+00N	↘	" "	ST. CLAY	B/4"	BR.	FINE	Large SPACE & Fir					
JSB 606	BL. 60+00N	↘	" "	ST.	B/3"	BR.	FINE	" " "					
JSB 607	BL. 61+00N	↘	" "	ST.	B/3"	BR.	FINE	Small SPACE & Fir "Fir" LOCATION LINE AT 61+75N					
JSB 608	BL. 62+00N	↘	Thick Wooded " "	ST. Sd. G.	B/4"	BR.	COARSE	Thick Small SPACE & Fir					
JSB 609	BL. 63+00N	↘	" "	ST.	B/3"	BR.	FINE	" "					
JSB 610	BL. 64+00N	↘	" "	ST. Sd. G.	B/3"	BR.	COARSE	" "					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE & A. GUSSEN

 AREA: Lac Le Jeune

 DATE: MAY 29, 1971

 PROJECT: 410

 LOCATION REF.: KAMLUKUS BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 614	L52+50N 2+00E	→	Gentle Slope Light Wooded	ST. Sil. G.	B/3"	BR.	COARSE	Large scattered FIR & JACKPINE					
JSB 615	L52+50N 4+00E	→	" "	ST. Sil. G.	B/3"	LT BR.	COARSE	Small Spruce FIR & JACKPINE					
JSB 616	L52+50N 6+00E	↘	Steeper Slope " "	ST. Sil. G.	B/4"	LT BR.	COARSE	Large Spruce & JACKPINE, Near Bottom of Draw					
JSB 617	L52+50N 8+00E	→	Slight Slope " "	ST. Sil. G.	B/3"	BR.	COARSE	Small Spruce, Poplar & JACKPINE					
JSB 618	L52+50N 10+00E	→	" "	ST. Sil.	B/4"	BR.	Med.	Small Poplar & JACKPINE					
JSB 619	L52+50N 12+00E	→	" "	ST. Sil.	B/3"	BR.	Med.	Small JACKPINE: Near Top Edge of Draw					
JSB 620	L52+50N 14+00E	↘	Steeper Slope Light Wooded	ST. Sil.	B/3"	BR.	Med.	" " & Poplar, AT " " " "					
JSB 621	L52+50 16+00E	→	Slight Slope Thicker Wooded	ST. G.	B/4"	BR.	COARSE	Thick spruce, Poplar & JACKPINE					
JSB 622	L52+50N 18+00E	→	" "	ST. Sil.	B/6"	BR.	Med.	" " " " " & Fir					
JSB 623	L52+50N 20+00E	→	" "	ST. Sil.	B/3"	BR.	Med.	Larger Spruce & Poplar					
JSB 624	L52+50N 22+00E	→	Slight Slope Thick Wooded	ST. CLAY	B/12"	BR.	FINE	" " Small poplar, Bottom of Draw					
JSB 625	L52+50N 24+00E	→	" "	ST. Sil.	B/3"	LT BR.	Med.	Small Spruce & JACKPINE					
JSB 626	L52+50N 27+80E	→	Level Wooded	CLAY G.	B/14"	Grey	COARSE	East Edge of Lake West Edge at 25+00E					
JSB 627	L52+50N 30+00E	→	Slight Slope Light Wooded	ST. Sil.	B/4"	BR.	Med.	Small Poplar & JACKPINE					
JLB 628	L52+50N. 32+00E	→	" "	ST. Sil. G.	B/6"	Bk.	COARSE	Stream Sample: Large Spruce & Poplar					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussen

 AREA: Lac Le Jeune

 DATE: Mar 29, 1971

 PROJECT: 4-10

 LOCATION REF.: Kamloops, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 629	L52+50N 34+00E	↙	Steep Slope Wooded	ST. Sil. &	B/4"	BR.	COARSE	Small Jackpine & Fir, on sidehill					
JSB 630	L52+50N 36+00E	↙	" " "	ST. CLAY	B/10"	BR.	FINE	" " "					
JSB 631	L52+50N 38+00E	→	Slight Slope Lighter Wooded	ST CLAY	B/4"	BR.	FINE	Small Jackpine & Spruce					
JSB 632	L52+50N 40+00E	→	" " "	ST CLAY	B/3"	BR.	FINE	" " & Poplar					
JSB 633	L52+50N 42+00E	↘	" " Thick Wooded	ST. Sil.	B/12"	BR.	Mixed	Thick spruce of all sizes					
JSB 634	L52+50N 44+00E	→	" " Light Wooded	ST sil. clay	B/2"	BR.	FINE	Small opening Larger Jackpine					
JSB 635	L52+50N 46+00E	↙	Hilly " "	ST. sil. &	B/2"	BR.	COARSE	Small spruce & Jackpine Old Logging slash.					
JSB 636	L52+50N 48+00E	↘	Slight Slope " "	ST. CLAY	B/2"	BR.	FINE	" Fir & "					
JSB 637	L52+50N 50+00E	↘	" " Thick Wooded	ST CLAY	B/3"	Lt. BR.	FINE	Thick small spruce & Poplar					
JSB 638	L52+50N 50+9E	→	FLAT OPEN	CLAY	B/18"	Grey	FINE	West Edge of Lake					
JSB 639	L52+50N 54+60E	→	" " "	H. CLAY	B/18"	Grey & DK. BR.	FINE	EAST Edge of Lake 100' North of old Building S.					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA


 COLLECTOR: C. Binnie & A. GUSSEN

 AREA: Lac Le Jeune

 DATE: MAY 31, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 640	L52+50N 56+00E	→	Slight Slope Light Wooded	ST. CLAY	B/3"	BR.	FINE	Light, Small Jack pine & spruce				
JSB 641	L52+50N 58+00E	→	" " "	CLAY Sd.	B/10"	BR	COARSE	" "				
JSB 642	L52+50N 60+00E	→	" " " Thick Wooded	Sd. CLAY	B/10"	BR & Grey	Med.	Large, Thick spruce EAST ARM OF LAKE				
JSB 643	L52+50N 62+00E	→	Level OPEN	CLAY H.	B/14"	BR Grey	FINE	EAST ARM OF LAKE Near Edge				
JSB 644	L52+50N 64+00E	→	Slight Slope Light Wooded	ST. CLAY	B/4"	BR.	FINE	Jack pine, Poplar & spruce				
JSB 645	L52+50N 66+00E	→	" " "	ST. CLAY	B/5"	BR.	FINE	" "				
JSB 646	L52+50N 68+00E	↘	Steeper Slope Light Wooded	ST. Sd.	B/4"	BR.	COARSE	Old Logging slash; Skid Road at 67+10E				
JSB 647	L52+50N 70+00E	→	Slight Slope Thicker Wooded	ST. Sd.	B/3"	BR.	COARSE	" " " : Thick Small Fir: MANY old Roads				
JSB 648	L52+50N 72+00E	→	" " "	ST. Sd.	B/3"	BR.	Med.	Old Logging slash Thick small Fir				
JSB 649	L52+50N 74+00E	→	" " " Light Wooded	ST. Sd.	B/5"	BR.	Med.	Large Fir, ON LOCATION LINE				
JSB 650	L52+50N 76+00E	→	Slight Slope Light Wooded	ST. Sd.	B/2"	BR.	Med.	L30E = 53+10N AT 75+00E				
JSB 651	L52+50N 78+00E	↘	Steeper Slope Light Wooded	ST. Sd.	B/2"	BR.	COARSE	Old Logging slash Large Fir				
JSB 652	L52+50N 79+00E	↘	Steep Slope OPEN	ST. Sd.	B/C /36"	BR.	COARSE	Taken in Roadcut ON MAIN Road				47

CANADIAN JOHNS-ONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussen

 AREA: Lac Le Jeune

 DATE: April 7, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 653	L60+60N 2+60E	↙	Sloping Wooded	ST. Scl.	B/12"	BR.	Med.	Clusters of Fir, Poplar & Spruce					
J5B 654	L60+60N 4+60E	↘	Less Slope Wooded	ST. clay sil.	B/10"	BR.	FINE	" " "					
J5B 655	L60+60N 6+60E	↘	Slight Slope Thick Wooded	ST. Scl.	B/5"	BR.	Med.	Thick small Jackpine, Fir & Spruce with few larger trees					
J5B 656	L60+60N 8+60E	→	" " Less Wooded	ST. CLAY	B/4"	BR.	FINE	Large Spruce with small Jackpine & poplar					
J5B 657	L60+60N 10+60E	↘	" " Thick Wooded	ST. Scl.	B/10"	BR.	FINE	Thick small Fir Jackpine & Spruce					
J5B 658	L60+60N 12+60E	↘	" " Lighter Wooded	ST. sil. cl.	B/3"	BR.	COARSE	Some large Fir & small Spruce & poplar					
J5B 659	L60+60N 14+60E	↘	" " " "	ST. sil	B/4"	BR.	Med.	" " "					
J5B 660	L60+60N 16+60E	↘	" " Light Wooded	ST. Scl.	B/4"	BR.	Med.	Small Jackpine Spruce & poplar					
J5B 661	L60+60N 18+60E	↘	" " " "	ST. Scl.	B/4"	BR.	Med.	" "					

CANADIAN JOHNSMANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & A. Gussen

 AREA: Lac Le Jeune

 DATE: April 2, 1971

 PROJECT: A10

 LOCATION REF.: KAM-025 BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 662	20+00E	→	Slight Slope Wooded	ST. CLAY. sd.	B/4"	BR.	FINE	Scattered Larger Poplar & Jackpine with thick small spruce					
JSB 663	22+00E	→	Steeper Slope Thick Wooded	ST. H.	B/8"	DR BR.	FINE	Bottom of Draw, spruce & Alder K. 2208 Ribbon in Draw					
JSB 664	24+00E	→	Slight Slope Light Wooded	ST. CLAY	B/4"	BR.	FINE	JACKPINE, SOME SMALL FIR					
JSB 665	26+00E	→	" "	ST. sd.	B/3"	BR.	Med.	" Spruce					
JSB 666	28+00E	→	FLAT Light Wooded	ST. CLAY	B/3"	BR.	FINE	Old Creek Bed, some small spruce, crossed location line at 27+00E					
JSB 667	30+00E	→	Slight Slope Light Wooded	ST. sd.	B/4"	BR.	Med.	Larger Fir, Poplar & JACKPINE					
JSB 668	32+00E	→	" "	ST. sd.	B/3"	BR.	Med.	Initial post "fir" #7 & 8 100' south, 20' E of 32+00E					
JSB 669	34+00E	→	" "	ST. sd.	B/4"	BR.	Med.	JACKPINE & Spruce					
JSB 670	36+00E	→	Steep Slope Thick Wooded	ST. sd.	B/3"	BR.	Med.	Small Jackpine, spruce & Fir: Side of Draw Larger Fir					
JSB 671	38+00E	→	" " Light Wooded	ST. sd.	B/3"	BR.	Med.	EAST Side of Draw Larger Fir					
JSB 672	40+00E	→	Slight Slope " "	ST. sd.	B/3"	BR.	Med.	Small JACKPINE & Spruce					
JSB 673	42+00E	→	More Slope " "	ST. CLAY sd.	B/2"	BR.	FINE	" " "					
JSB 674	44+00E	→	Slight Slope " "	ST. sd.	B/2"	BR.	Med.	Small Jackpine & Fir Larger Spruce					
JSB 675	46+00E	→	FLAT " "	ST. sd.	B/3"	BR.	Med.	Old Logging slash Small JACKPINE & Fir					
JSB 676	48+00E	→	" "	ST. sd.	B/1"	BR.	Med.	" " "					

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE & A. GUSSEN

 AREA: LAC LE JEUNE

 DATE: April 2, 1971

 PROJECT: 410

 LOCATION REF.: KAM100125, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 677	L60+00N 50+00E	→	Steeper Slope Thick Wooded	ST. sil. &	B3C 1/14"	BR	COARSE	SPRUCE, JACKPINE & poplar					
JSB 678	L60+00N 52+00E	→	FLAT, Brushy	ST. H. CLAY	B1/8"	BR & grey	FINE	POPUL, SPRUCE & Willow West Edge of Lake					
JSB 679	L60+00N 58+00E	→	" OPEN	CLAY ST.	B1/8"	GREY	FINE	EAST Edge of Lake					
JSB 680	L60+00N 60+00E	→	Slight Slope OPEN	ST. clay sil.	B1/2"	BR.	FINE	LARGE Fir Old Logging Slash					
JSB 681	L60+00N 62+00E	→	" " Light Wooded	ST. sil.	B1/4"	BR.	Med.	SMALL JACKPINE & spruce, Edge of Old Logging Road.					
JSB 682	L60+00N 64+00E	→	" " Thicker Wooded	ST. sil.	B1/3"	BR.	Med.	Old Logging Slash SMALL Fir & PINE					
JSB 683	L60+00N 66+00E	→	" " Light Wooded	ST. sil.	B1/2"	BR	Med.	" " " LARGE Fir					
JSB 684	L60+00N 68+00E	→	" " " "	ST. sil.	B1/3"	BR.	Med.	" " " " " "					
JSB 685	L60+00N 70+00E	→	" " " "	ST. sil. &	B1/2"	BR.	COARSE	" " " Small Jackpine & Fir					
JSB 686	L60+00N 72+00E	→	" " " "	ST. sil.	B1/2"	BR.	Med.	SMALL Fir Jackpine & spruce					
JSB 687	L60+00N 74+00E	→	" " " "	ST. sil.	B1/4"	BR.	Med.	" " " Old Logging Slash					
JSB 688	L60+00N 76+00E	↘	Steeper Slope Light Wooded	ST. sil. &	B1/10"	BR.	COARSE	TOP of Steep Slope L30E AT 74+80E					

CANADIAN JOHNS-McCIVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & Karl Kempfle

 AREA: Lac Lejeune

 DATE: May 7, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops BC

MPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
SB 16	15+00N	→	Slight Slope	Sd	B/10"	B	Med.	Near Small Pond				
SB 17	2+00W	→	Light Wooded	CLAY	B/14"	Blk.	FINE	AT Edge of Small Pond.				
SB 18	L15+00N	→	" "	CLAY	B/14"	Blk.	FINE	AT Edge of Small Pond.				
SB 19	4+00W	→	" "	H.	B/12"	B	Med	JACKPINE, SPRUCE & Alder				
SB 20	L15+00N	→	" "	ST Sd G.	B/10"	B	C.	SOME LARSEN Fir				
SB 21	6+00W	→	Thicker Wooded	G.	B/10"	B	C.	SPRUCE & LARSEN Fir				
SB 22	L15+00N	→	" "	ST Sd CLAY	B/14"	B	FINE	LARGE Fir				
SB 23	10+00W	→	Thick	" "	B/14"	B	FINE	SOME JACKPINE				
SB 24	L15+00N	→	" "	ST CLAY	B/14"	B	FINE	THICK JACKPINE				
SB 25	12+00W	→	" "	ST. Sd. G.	B/12"	B	C.	MANY Windfalls				
SB 26	L15+00N	→	" "	" "	B/12"	B	C.	" "				
SB 27	15+00W	→	" "	ST. CLAY G.	B/14"	B	C	" "				
SB 28	L22+50N	→	" "	" "	B/6"	B	C.	" "				
SB 29	15+00W	→	" "	ST. Sd. G.	B/10"	B	C	" "				
SB 30	L22+50N	→	" "	" "	B/10"	B	Med.	" "				
SB 31	12+00W	→	" "	Sd.	B/10"	B	C	" "				
SB 32	L22+50N	→	" "	" "	B/10"	B	Med	" "				
SB 33	10+00W	→	" "	ST. Sd. CLAY	B/10"	B	Med	SOME Poplar				
SB 34	L22+50N	→	" "	ST. CLAY	B/14"	B	FINE	THICK SMALL JACKPINE				
SB 35	8+00W	→	" "	" "	B/14"	B	FINE	" "				
SB 36	L22+50N	→	" "	ST. CLAY	B/12"	B	FINE	" "				
SB 37	6+00W	→	" "	" "	B/12"	B	FINE	" "				
SB 38	L22+50N	→	" "	H. CLAY	B/12"	Blk.	FINE	LARGE Spruce & Poplar				
SB 39	4+00W	→	" "	" "	B/12"	Blk.	FINE	" "				

CANADIAN JOHNS-MCNVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Bennett & Kam Kemarre

 AREA: Lac LeJeune

 DATE: May 7, 1971

 PROJECT: 416

 LOCATION REF.: Kamluap 25 BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
711	L22+50N 2+00W	→	Slight Slope LT Wooded	ST CLAY	B 1/12"	B	FINE	LARSEN SPRUCE				
712	L30+00N 4+00W	→	ALMOST level Thick Wooded	ST CLAY	B 1/14"	B	FINE	NO SAMPLE AT 2+00W, IN SWAMP.				
713	L30+00N 6+00W	→	" " LT Wooded	ST CLAY	B 1/10"	B	FINE	SMALL SPRUCE & Poplar				
714	L30+00N 8+00W	→	" " Thick Wooded	ST CLAY	B 1/8"	B	FINE	SMALL SPRUCE & JACKPINE				
715	L30+00N 10+00W	→	Slight Slope " "	ST sd CLAY	B 1/10"	B	C	Thick Spruce of ALL SIZES				
716	L30+00N 12+00W	→	" " " "	ST sd CLAY	B 1/9"	B	C	SPRUCE, Poplar & JACKPINE				
717	L30+00N 14+00W	→	" " " "	ST sd CLAY	B 1/8"	B	C	" " " "				
718	L30+00N 15+00W	→	" " " "	ST sd CLAY	B 1/7"	B	C	JACKPINE FIL & Poplar				
719	L37+50N B+00W	→	" " " "	ST CLAY	B 1/10"	B	FINE	SPRUCE & Poplar				
720	L37+50N A+00W	→	Steeper Slope Light Wooded	ST sd CLAY	B 1/16"	B	C	Alder & Poplar Some JACKPINE				
721	L37+50N 6+00W	→	Slight Slope " "	ST sd CLAY	B 1/14"	B	Med	Larger Fil on OPEN Knoll				
722	L37+50N 8+00W	→	" " " "	ST sd CLAY	B 1/12"	B	Med	SMALL Fil, Spruce & JACKPINE, Some Windfalls				
723	L37+50N 10+00W	→	" " " "	ST sd CLAY	B 1/10"	B	Med	SMALL Spruce Fil & Poplar				
724	L37+50N 12+00W	→	" " Thick Wooded	ST sd CLAY	B 1/16"	B	Med	" " & JACKPINE Some Larson Fil				
725	L37+50N 14+00W	→	" " " "	ST sd CLAY	B 1/14"	B	Med	" " " & " "				

CANADIAN JOHNS-McVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & Karl Kempton

 AREA: Lac Le Jeune

 DATE: May 7, 1971

 PROJECT: 410

 LOCATION REF.: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
5B	L37+50N	→	Slight Slope	ST	B/10"	B	Med	SOME LARGE					
26	15+00W		Light Wooded	Sd	B/10"	B	Med	Scattered Fir					
5B	L45+00N	→	" "	ST	B/10"	B	FINE	LARGE JACKPINE					
27	15+60W		Thick Wooded	CLAY	B/10"	B	FINE	& SPRUCE					
5B	L45+00N	→	" "	ST	B/9"	B	FINE	Small spruce					
28	14+00W		" "	CLAY	B/9"	B	FINE	Fir & JACKPINE					
5B	L45+00N	→	" "	ST	B/12"	B	Q.	" "					
29	12+00W		" "	Sd	B/12"	B	Q.	" "					
5B	L45+00N	↘	Steep Slope	ST	B/14"	B	Med	" Bottom					
30	10+00W		LT Wooded	Sd	B/14"	B	Med	" " of DRAW.					
5B	L45+00N	→	Gentle Slope	ST	B/12"	B	Med	Small spruce Fir					
31	8+00W		" "	Sd	B/12"	B	Med	Poplar & JACKPINE					
5B	L45+00N	→	" "	ST	B/10"	B	Med	Small spruce					
32	6+00W		Thicker Wooded	CLAY	B/10"	B	Med	& JACKPINE					
5B	L45+00N	→	" "	ST	B/8"	B	Med	" Poplar					
33	4+00W		Light Wooded	Sd	B/8"	B	Med	" "					
5B	L45+00N	→	" "	ST	B/18"	B	FINE	" "					
34	2+00W		" "	CLAY	B/18"	B	FINE	" "					

CANADIAN JOHNS-ONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. Binnie & Karl Kempfle

AREA: LaLeTenne

DATE: May 8/1971

PROJECT: 410

LOCATION REF.: Kamloops B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Pw			
JSB 735	L52+50 N 2+00 W	→	Slight Slope Light Wooded	ST Scl.	B/8"	B	Med	Small Fir & JACKPINE				
JSB 736	" 4+00 W	↘	Steep Slope " "	ST CLAY	B/7"	B	FINE	Top Edge of Draw				
JSB 737	" 6+00 W	→	Slight Slope Thick Wooded	ST Scl CLAY	B/12"	B	Med	Thick Small JACKPINE & Fir				
JSB 738	" 8+00 W	↘	Steep Slope Light Wooded	ST Scl CLAY	B/6"	B	Med	Top Edge of Draw.				
JSB 739	" 10+00 W	→	Slight Slope " "	ST Scl	B/9"	B	Med	JACKPINE & Poplar				
JSB 740	" 12+00 W	→	" "	ST Scl	B/14"	B	Med	" " & Spruce				
JSB 741	" 14+00 W	↘	" "	ST Scl C.	B/8"	B	C	" "				
JSB 742	" 15+00 W	→	" " Thick Wooded	ST Scl.	B/10"	B	Med	Thick JACKPINE Spruce & Fir				
JSB 743	L60+00 N 15+00 W	→	" "	Scl CLAY C.	B/12"	B	C	" "			97	
JSB 744	" 14+00 W	→	" " Light Wooded	ST CLAY	B/12"	B	FINE	JACKPINE & Small Fir				
JSB 745	" 12+00 W	↘	Steep Slope Light Wooded	ST CLAY	B/10"	B	FINE	Side of Draw Fir & JACKPINE				
JSB 746	" 10+00 W	↘	Hilly " "	ST CLAY	B/4"	B	FINE	Small Fir & JACKPINE				
JSB 747	" 8+00 W	↘	" "	ST Scl CLAY	B/10"	B	Med.	Small JACKPINE				
JSB 748	" 6+00 W	↘	Steep Slope Thick Wooded	ST CLAY C.	B/12"	B	C	Side of Steep Draw				
749	" 4+00 N	↘	Slight Slope " "	ST CLAY	B/10"	B	FINE	Thick Small JACKPINE				

CANADIAN JOHNS-ONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnick & Karl Kemple

 AREA: Lac Le Jeune

 DATE: May 9, 1971

 PROJECT: 410

 LOCATION REF.: KAMLOUS BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Pw			Ag	mo
758	267+50N	↘	Slight Slope	ST CLAY	B/5"	B	C	Small Spruce & Poplar					
759	2+00E		Light Wooded										
758		→	Almost Level	CLAY	B/3"	Blk.	FINE	Thick Small Spruce	179			2.3	3
760	4+00E		Thick Wooded	H									
758		↘	" "	ST CLAY	B/4"	DK B	FINE	" " "					
761	6+00E		" "					& Poplar					
758		↘	Slight Slope	ST sil	B/3"	B	C	Small Jack Pine					
762	8+00E		Light Wooded	B.									
758		↘	" "	ST sil CLAY	B/4"	B	Med	" " "					
763	10+00E		" "					& Poplar					
758		↘	" "	ST CLAY	B/6"	B	C	" " "					
764	12+00E		Thicker Wooded					& Fir					
758		↘	" "	ST CLAY	B/3"	B	FINE	Small JACKPINE, Fir & Spruce					
765	14+00E		" "										
758		↘	" "	ST sil	B/6"	B	C	Large Spruce & Jackpine					
766	16+00E		" "										
758		↘	Hilly	ST sil	B/7"	B	Med	Large Fir					
767	18+00E	↘	Light Wooded					Old Logging Slash					
758		↘	Slight Slope	ST sil CLAY	B/3"	B	Med	" "					
768	20+00E		" "					Spruce & Jackpine					
758		↘	Steep Slope	ST sil CLAY	B/2"	B	Med	Small Fir & Jackpine					
769	22+00E		" "					Old Logging Slash					
758		↘	Slight Slope	ST sil	B/3"	B	Med	Small Fir					
770	24+00E		OPEN					" " "					
758		↘	" "	ST CLAY	B/6"	B	FINE	OUTcrop AT 25E					
771	26+00E		" "					" " "					
758		↘	" "	ST	B/4"	LT. B	FINE	Spruce of					
772	28+00E		Thick Wooded					ALL SIZES					
758		↘	" "	ST sil CLAY	B/3"	B	Med	Spruce & Jackpine					
773	30+ E		" "					SOME Large Fir					

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Binnie & Karl Kempele

 AREA: Lake Jeanie

 DATE: May 9, 1971

 PROJECT: 410

 LOCATION REF: Kamloops, BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
773	267+50N	→	Slight Slope	ST CLAY	B/6"	B	C	Small spruce & Jackpine				
774	32+00E	→	Thick Wooded	ST CLAY	B/6"	B	C	Old Logging Slash				
775	34+00E	→	Light Wooded	ST SD	B/4"	B	Med	Beside old Skid Road				
776	36+00E	↘	More Slope	ST CLAY	B/5"	B	FINE	ON side Hill, Poplar				
777	38+00E	↘	Thicker Wooded	ST CLAY	B/4"	B	FINE	Jackpine & Spruce				
778	40+00E	→	Level	ST CLAY	B/4"	B	FINE	Jackpine, Spruce & Poplar				
779	42+00E	→	" "	ST CLAY	B/3"	B	FINE	Bottom of Draw				
780	44+00E	→	Slight Slope	ST SD	B/3"	B	C	Scattered Fir				
781	46+00E	→	OPEN	ST CLAY	B/3"	B	FINE	Old Logging Slash				
782	48+00E	→	" "	ST SD	B/3"	B	C	" " "				
783	50+00E	→	" "	ST SD	B/3"	B	C	" " "				
784		→	" "	ST SD	B/3"	B	C	" " "				
785		→	" "	ST SD	B/3"	B	C	" " "				
786		→	" "	ST SD	B/3"	B	C	" " "				
787		→	" "	ST SD	B/3"	B	C	" " "				
788		→	" "	ST SD	B/3"	B	C	" " "				
789		→	" "	ST SD	B/3"	B	C	" " "				
790		→	" "	ST SD	B/3"	B	C	" " "				
791		→	" "	ST SD	B/3"	B	C	" " "				
792		→	" "	ST SD	B/3"	B	C	" " "				
793		→	" "	ST SD	B/3"	B	C	" " "				
794		→	" "	ST SD	B/3"	B	C	" " "				
795		→	" "	ST SD	B/3"	B	C	" " "				
796		→	" "	ST SD	B/3"	B	C	" " "				
797		→	" "	ST SD	B/3"	B	C	" " "				
798		→	" "	ST SD	B/3"	B	C	" " "				
799		→	" "	ST SD	B/3"	B	C	" " "				
800		→	" "	ST SD	B/3"	B	C	" " "				
801		→	" "	ST SD	B/3"	B	C	" " "				
802		→	" "	ST SD	B/3"	B	C	" " "				
803		→	" "	ST SD	B/3"	B	C	" " "				
804		→	" "	ST SD	B/3"	B	C	" " "				
805		→	" "	ST SD	B/3"	B	C	" " "				
806		→	" "	ST SD	B/3"	B	C	" " "				
807		→	" "	ST SD	B/3"	B	C	" " "				
808		→	" "	ST SD	B/3"	B	C	" " "				
809		→	" "	ST SD	B/3"	B	C	" " "				
810		→	" "	ST SD	B/3"	B	C	" " "				
811		→	" "	ST SD	B/3"	B	C	" " "				
812		→	" "	ST SD	B/3"	B	C	" " "				
813		→	" "	ST SD	B/3"	B	C	" " "				
814		→	" "	ST SD	B/3"	B	C	" " "				
815		→	" "	ST SD	B/3"	B	C	" " "				
816		→	" "	ST SD	B/3"	B	C	" " "				
817		→	" "	ST SD	B/3"	B	C	" " "				
818		→	" "	ST SD	B/3"	B	C	" " "				
819		→	" "	ST SD	B/3"	B	C	" " "				
820		→	" "	ST SD	B/3"	B	C	" " "				
821		→	" "	ST SD	B/3"	B	C	" " "				
822		→	" "	ST SD	B/3"	B	C	" " "				
823		→	" "	ST SD	B/3"	B	C	" " "				
824		→	" "	ST SD	B/3"	B	C	" " "				
825		→	" "	ST SD	B/3"	B	C	" " "				
826		→	" "	ST SD	B/3"	B	C	" " "				
827		→	" "	ST SD	B/3"	B	C	" " "				
828		→	" "	ST SD	B/3"	B	C	" " "				
829		→	" "	ST SD	B/3"	B	C	" " "				
830		→	" "	ST SD	B/3"	B	C	" " "				
831		→	" "	ST SD	B/3"	B	C	" " "				
832		→	" "	ST SD	B/3"	B	C	" " "				
833		→	" "	ST SD	B/3"	B	C	" " "				
834		→	" "	ST SD	B/3"	B	C	" " "				
835		→	" "	ST SD	B/3"	B	C	" " "				
836		→	" "	ST SD	B/3"	B	C	" " "				
837		→	" "	ST SD	B/3"	B	C	" " "				
838		→	" "	ST SD	B/3"	B	C	" " "				
839		→	" "	ST SD	B/3"	B	C	" " "				
840		→	" "	ST SD	B/3"	B	C	" " "				
841		→	" "	ST SD	B/3"	B	C	" " "				
842		→	" "	ST SD	B/3"	B	C	" " "				
843		→	" "	ST SD	B/3"	B	C	" " "				
844		→	" "	ST SD	B/3"	B	C	" " "				
845		→	" "	ST SD	B/3"	B	C	" " "				
846		→	" "	ST SD	B/3"	B	C	" " "				
847		→	" "	ST SD	B/3"	B	C	" " "				
848		→	" "	ST SD	B/3"	B	C	" " "				
849		→	" "	ST SD	B/3"	B	C	" " "				
850		→	" "	ST SD	B/3"	B	C	" " "				
851		→	" "	ST SD	B/3"	B	C	" " "				
852		→	" "	ST SD	B/3"	B	C	" " "				
853		→	" "	ST SD	B/3"	B	C	" " "				
854		→	" "	ST SD	B/3"	B	C	" " "				
855		→	" "	ST SD	B/3"	B	C	" " "				
856		→	" "	ST SD	B/3"	B	C	" " "				
857		→	" "	ST SD	B/3"	B	C	" " "				
858		→	" "	ST SD	B/3"	B	C	" " "				
859		→	" "	ST SD	B/3"	B	C	" " "				
860		→	" "	ST SD	B/3"	B	C	" " "				
861		→	" "	ST SD	B/3"	B	C	" " "				
862		→	" "	ST SD	B/3"	B	C	" " "				
863		→	" "	ST SD	B/3"	B	C	" " "				
864		→	" "	ST SD	B/3"	B	C	" " "				
865		→	" "	ST SD	B/3"	B	C	" " "				
866		→	" "	ST SD	B/3"	B	C	" " "				
867		→	" "	ST SD	B/3"	B	C	" " "				
868		→	" "	ST SD	B/3"	B	C	" " "				
869		→	" "	ST SD	B/3"	B	C	" " "				
870		→	" "	ST SD	B/3"	B	C	" " "				
871		→	" "	ST SD	B/3"	B	C	" " "				
872		→	" "	ST SD	B/3"	B	C	" " "				
873		→	" "	ST SD	B/3"	B	C	" " "				
874		→	" "	ST SD	B/3"	B	C	" " "				
875		→	" "	ST SD	B/3"	B	C	" " "				
876		→	" "	ST SD	B/3"	B	C	" " "				
877		→	" "	ST SD	B/3"	B	C	" " "				
878		→	" "	ST SD	B/3"	B	C	" " "				
879		→	" "	ST SD	B/3"	B	C	" " "				
880		→	" "	ST SD	B/3"	B	C	" " "				
881		→	" "	ST SD	B/3"	B	C	" " "				
882		→	" "	ST SD	B/3"	B	C	" " "				
883		→	" "	ST SD	B/3"	B	C	" " "				
884		→	" "	ST SD	B/3"	B	C	" " "				
885		→	" "	ST SD	B/3"	B	C	" " "				
886		→	" "	ST SD	B/3"	B	C	" " "				
887		→	" "	ST SD	B/3"	B	C	" " "				
888		→	" "	ST SD	B/3"	B	C	" " "				
889		→	" "	ST SD	B/3"	B	C	" " "				
890		→	" "	ST SD	B/3"	B	C	" " "				
891		→	" "	ST SD	B/3"	B	C	" " "				
892		→	" "	ST SD	B/3"	B	C	" " "				
893		→	" "	ST SD	B/3"	B	C	" " "				
894		→	" "	ST SD	B/3"	B	C	" " "				
895		→	" "	ST SD	B/3"	B	C	" " "				
896		→	" "	ST SD	B/3"	B	C	" " "				
897		→	" "	ST SD	B/3"	B	C	" " "				
898		→	" "	ST SD	B/3"	B	C	" " "				
899		→	" "	ST SD	B/3"	B	C	" " "				
900		→	" "	ST SD	B/3"	B	C	" " "				

96

Friday, Cloudy

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: A. Gussner & D. Binnie

Line 6750N

AREA: Lac Le Jean

DATE: May 9 1971

PROJECT: 410

LOCATION REF: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									g	mg	ppm	μ
JSB 784	L 67+50N L 52+00E	↘	wooded area. Low	S4/S/G	B 5	LB	Med	Spruce & Jack Pine				
JSB 785	L 54+00E	↘	low thickly wooded area.	S4/S/C	B 3	DB	"	Edge of large swamp spruce (original material)	70			
	L 56+00E	—	Not possible to		take	sample	area	under water				
JSB 786	L 58+00E	↙	side hill of small ridge	S4/S	B 3	B	Med	opposite side of swampy area.				
JSB 787	L 60+00E	↙	Damp side hill	S4/C	B 3	LB	Fine	Spruce & Populus				
JSB 788	L 62+00E	↙	Damp area. Thickly wooded	S4/C	B 5	LB	"	" "				
JSB 789	L 64+00E	✓	heavily wooded area.	S4/S/C	B 6	B	"	Spruce & Fir logged off				
JSB 790	L 66+00E	✓	once heavily wooded	S4/S/C	B 4	B	Med	" "				
JSB 791	L 68+00E	↙	" "	S4/S/G	B 8	B/RB	"	" "				
JSB 792	L 70+00E	↙	" "	S4/S	B 6	LB	"	" "				
JSB 793	L 72+00E	✓	" "	S4/S	B 5	B	"	" "				
JSB 794	L 74+00E	✓	Crest of small ridge	S4/S	B 4	LB	"	" "				
JSB 795	L 76+00E	↙	Bottom of ridge low area.	S4/S	B 4	B	"	Spruce & Jack pine				
JSB 796	L 78+00E	→ +	" "	S4/C	B 5	LB	Med	Populus & Spruce				
JSB 797	L 8+00E	→ -	small depression base of ridge	S4/W/C	A 8	P	Fine	scough & marsh original material. Write note	71	1.3	8	93

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: A. Gussow & D. Binney

LINE 67-50 N

AREA: Lac de Tassare

DATE: May 9 1971

PROJECT: 410

LOCATION REF: Ken Loops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 798	L82+00E	✓	side Hill valley fire open	S4/S/C	B 4	B	Med	Bank through once recently				
JSB 799	L84+00E	✓	Crest of ridge	"	B 4	B	"	logged off numerous fire logs & small				
JSB 800	L86+00E	✓	" "	S4/S/C	B 3	GB	"	" "				
JSB 801	L88+00E	✓	" "	S4/C	B 4	B	"	" "				
JSB 802	L90+00E	✓	low area	S4/C	B 4	B/BB	"	grove of Poplar				
JSB 803	L92+00E	✓	Dampish area	S4/S/G	B 3	B	"	Poplar fire Spruce				
JSB 804	L94+00E	✓	Timber covered slope	S4/S/G	B 4	B	Med	Charcoal organic matter				
JSB 805	L96+00E	✓	" "	"	"	B/G-B	Med	Spruce fire Poplar Some organic matter				
JSB 806	L98+00E	✓	Very thick wooded area	S4/S	B 3	B	"	Spruce fire Poplar				
JSB 807	L100+00E	✓	Bottom of gully	S4/S/C	B 5	DB	"	Logged off at one time				
JSB 808	L102+00E	✓	Thickly wooded area	S4/S	B 3	B	"	" "				
JSB 809	L104+00E	✓	" "	S4/S	B 4	B	"	" "				
JSB 810	L106+00E	✓	wooded side hill open	S4/S/G	B 4	B	"	" "				
JSB 811	L108+00E	✓	wooded side hill rather thick	S4/S	B 4	B	"	" "				
JSB 812	L110+00E	✓	edge of road wooded slope	S4/S/C	B 3	"	Med					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: D. BARRIE M. GIBSON

 LINE 114 + 50

 AREA: La. Le. Terrace

 DATE: May 19 1971

 PROJECT: Plot 410

 LOCATION REF.: Kamloops B.C.

MPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
113	L 44100E	↘	EDGE OF TERRACE FLAT TOP	Ss/sc	B 3	B	F						
114	L 42100E	↘	BLACK PINE STAND GRASSY	Ss/sc	B 4	B	F	edge of log skid					
115	L 40100E	↘	FLAT SPACE TUCKER	"	B 3	B	F	edge of logging roads					
116	L 38100E	↘	FLAT HILL LOOSER OFF	Ss/s/c	B 3	B	M						
117	L 36100E	↘	BASE OF CUT CRIP LOOSER OFF	Ss/s/c	B 3	B	M						
118	L 34100E	↘	GRASSY OUTCROP LOOSER OFF	Ss/s/c	B 5	DB	"	grassy slope					
119	L 32100E	↘	LOOSER OFF	Ss/s/c	B 3	B	"	" "					
120	L 30100E	↘	CUT OF CHANGE FIRE	Ss/s/c	D 3	B	L	cut-off					
121	L 28100E	↘	CHANGE FIRE	C/s/c	B 3	DB	"						
122	L 26100E	↘	CHANGE FIRE CUT OF FIRE	C/s/c	B 3	B	"						
123	L 24100E	↘	CHANGE FIRE GRASSY	Ss/s/c	B 3	B	"						
124	L 22100E	↘	CHANGE FIRE TERRACE	Ss/s/c	B 3	B	"						
125	L 20100E	↘	CHANGE FIRE	Ss/s/c	B 3	B	"						
126	L 18100E	↘	CHANGE FIRE	C/s/c	B 3	DB	M						
127	L 16100E	↘	"	Ss/c	B 3	B	F						

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: D. Binnie A. Gibson

LINE 119+50 No. 274

AREA: Lac la Poudre

DATE: May 19 1971

PROJECT: 116

LOCATION REF.: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B S28	14+00 E	↘	Dump area BASE OF small HILL	5/4/6	B 6	B	F						
J5B S29	12+00 E	↘	Thickly wooded ARctic DUMP	5/4/6	B 4	B	M						
J5B S30	10+00 E	↘	Small slope Hill	5/4/6	B 3	B	"						
J5B S31	8+00 E	↘	" "	5/4/6	B 3	B	"	OUTCROPS					
J5B S32	6+00 E	↘	" "	5/4/6	B 4	B	"						
J5B S33	4+00 E	↘	" "	5/4/6	B 3	B	"						
J5B S34	2+00 E	↘	CREST OF HILL DRAINAGE WOODLAND	5/4/6	B 5	B	"						
J5B S35	0+00 L 123+50N	↔	" "	5/4/6	B 3	B	M						
J5B S36	0+00 L 123+50N	↔	" "	5/4/6	B 7	B	"						
J5B S37	2+00 E	↘	SIDE HILL CROSS TIMBER	5/4/6	B 7	B	"						
J5B S38	4+00 E	↘	" "	5/4/6	B 7	B	"						
J5B S39	6+00 E	↘	Slope side with sparse trees	5/4/6	B 6	B	"						
J5B S40	8+00 E	↘	Slope side Hill sparse timber	5/4/6	B 6	B	"						
J5B S41	10+00 E	↘	HILL CREST Timber	5/4/6	B 3	B	"						
J5B S42	12+00 E	↘	Slight slope Hill timber	5/4/6	B 5	B	M						

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: D. P. ... A. G. ...

 LINE: 123 + 50 N

 AREA: Lac Le Jaune

 DATE: May 19 1951

 PROJECT: 410

 LOCATION REF.: Kemloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 843	14+00 E	→	HILL CREST SPARSE TIMBER	5+ / 4C	B 3	B	M						
J5B 844	16+00 E	↘	DEPRESSION SPARSE TIMBER	7+ / 4C	B 4	B	"	OUTCROPS					
J5B 845	18+00 E	→	" "	5+ / 5C	B 5	B	"						
J5B 846	20+00 E	→	HILL CREST SPARSE TIMBER	"	B 6	B	"	OUTCROPS					
J5B 847	22+00 E	↘	HILL CREST SPARSE TIMBER	"	B 7	B	"						
J5B 848	24+00 E	↘	SLOPE SPARSE TIMBER	"	B 8	B	"						
J5B 849	26+00 E	↘	SLOPE SPARSE TIMBER	"	B 9	B	"						
J5B 850	28+00 E	↘	" "	"	B 10	B	"						
J5B 851	30+00 E	↘	SLOPE CORDED OFF	"	B 11	B	"						
J5B 852	32+00 E	↘	SLOPE HILL LOGGED	"	B 12	B	"						
J5B 853	34+00 E	↘	"	"	B 13	B	"						
J5B 854	36+00 E	↘	"	"	B 14	LB	"						
J5B 855	38+00 E	↘	"	"	B 15	B	"						
J5B 856	40+00 E	↘	"	"	B 16	B	"						
J5B 857	42+00 E	↘	"	5+ / C	B 17	LB	F						

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: D. B. BIRD & G. G. GIBSON

Line 115+50 North

AREA: Lac Le Taureau

DATE: May 21, 1971

PROJECT: 416

LOCATION REF.: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 859	L 44+00E	✓	WETTED GREEN SPRUCE DUMP LEVEL	S4/C	B 3	LB	M						
J5B 860	L 42+00E	✓	" "	S4/C	B 3	B	F						
J5B 861	L 40+00E	✓	LOW GRASSY LOGGED OFF LEVEL	"	B 3	LB	U						
J5B 862	L 38+00E	✓	SMALL DEPRESSED DUMP	"	B 4	LB	"						
J5B 863	L 36+00E	✓	GRASSY SLOPE LARGE FIR LOGGED OFF	S4/S/C	B 4	DB	M						
J5B 864	L 34+00E	✓	" "	S4/C	B 6	B	"						
J5B 865	L 32+00E	✓	TIMBER COVERED SLOPE HILL GRASSY	S4/S/C	B 3	B	"						
J5B 866	L 30+00E	✓	" "	S4/C	B 3	LB	U						
J5B 867	L 28+00E	✓	CRIST OF HILL WITH MOST OF HILL	S4/S/C	B 3	B	U						
J5B 868	L 26+00E	✓	CRIST OF HILL WILLOW ALDER THICKET	U/S/C	B 4	DB	"						
J5B 869	L 24+00E	✓	LEVEL GREEN ALDER THICKET	S4/S/C	B 5	LB	U						
J5B 870	L 22+00E	✓	" "	S4/S/C	B 3	B	"						
J5B 871	L 20+00E	✓	LEVEL GREEN LARGE FIR	S4/S	B 3	B	F						
J5B 872	L 18+00E	✓	EDGE OF LAKE	S4/S/C/L	B 3	DB	M						
J5B 873	L 16+00E	✓	" "	S4/S/C	B 3	"	"						

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: D. P. ... A. Gussow

L 115 + 50 N

 AREA: Leek Lake

 DATE: May 21 1951

 PROJECT: 410

 LOCATION REF.: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 874	L14+00E	↘	steep side hill fir covered damp	S ⁴ /L ⁴ /G	B 4	B	M					
J5B 875	L12+00E	→	crest of hill thickly timbered	S ⁴ /L ⁴ /G	B 3	LB	"					
J5B 876	L10+00E	↘	timber covered side hill grassy	"	B 3	LB	"					
J5B 877	L8+00E	↘	" "	S ⁴ /L ⁴ /G	B 3	B	"					
J5B 878	L6+00E	→	level area small dump	S ⁴ /L ⁴ /G	B 5	LB	"					
J5B 879	L4+00E	↘	timber covered steep slope	S ⁴ /L ⁴ /G	B 4	"	"					
J5B 880	L2+00E	↘	crest of hill widely spaced grassy	S ⁴ /L ⁴ /G	B 3	"	"					
J5B 881	BL 21+44E L11+50N L0+00	↘	level area scattered timber spruce	S ⁴ /L ⁴ /G	B 3	B	M					
J5B 882	L12+35N L0+00		open timber	S ⁴ /L ⁴ /G	B 5	B	M					
J5B 883	L2+00E		" "	S ⁴ /L ⁴ /G	B 4	B	"					
J5B 884	L4+00E		" " hill crest	S ⁴ /L ⁴ /G	B 3	B	"					
J5B 885	L6+00E		open timber flat	S ⁴ /L ⁴ /G	B 3	B	"					
J5B 886	L8+00E		" "	"	B 3	B	"					
J5B 887	L10+00E		open timber side hill	"	B 4	B	"					
J5B 888	L12+00E		open timber flat	S ⁴ /L ⁴ /G	B 4	B	M					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: D. Brant A. Gussone

 LINE 127 + 50 N

 AREA: lac Le Tasse

 DATE: May 21 1971

 PROJECT: 410

 LOCATION REF.: Kem. 10 05

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 899	L14+00E	↙	OPEN TIMBER SLOPE	5 1/2 c/c	B 3	B	M						
J5B 890	L16+00E	→	OPEN TIMBER Flat Damp	"	B 4	B	"						
J5B 891	L18+00E	↙	OPEN TIMBER SLOPE	"	B 5	B	"	Below OUTCROP					
J5B 892	L20+00E	↙	" "	"	B 3	B	"						
J5B 893	L22+00E	→	OPEN TIMBER Hillcrest	5 1/2 c/c	B 5	B	"						
J5B 894	L24+00E	↙	OPEN TIMBER SLOPE Hillcrest	"	B 3	B	M						
J5B 895	L26+00E	↙	OPEN TIMBER SLOPE	5 1/2 c/l/s	B 4	B	"	QUARTZ OUTCROP					
J5B 896	L28+00E	↙	logged sidehill	5 1/2 c/c	B 6	B	"						
J5B 897	L30+00E	↙	" "	"	B 4	B	"						
J5B 898	L32+00E	↙	" "	5 1/2 c/s/c	B 5	LB	"						
J5B 899	L34+00E	↙	" "	"	B 6	B	"						
J5B 900	L36+00E	↙	" "	"	B 4	B	"						
J5B 901	L38+00E	↙	" "	"	B 6	B	"						
J5B 902	L40+00E	↙	" "	"	B 5	B	M						
J5B 903	L42+00E	↙	SPRING FLAT Damp	5 1/2 c/s	B 5	RB	F						

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: D Binnie A Gussow

Line 103+50 North

AREA: Lee Le Tower

DATE: May 25 1971

PROJECT: 410

LOCATION REF.: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 904 B	44+00 E	→	NEAR GUTTEROP Thick small JACK PINE	S ₄ /C	B 2	LB	M						
J5B 905	42+00 E	↘	JACK PINE Thicket grassy	"	B 4	"	M						
J5B 906	40+00 E	↘	Level area Edge of open slopes	S ₄ /C	B 5	BL	F						
J5B 907	38+00 E	↘	Grassy sidehill scattered timber	S ₄ /C	B 3	B	M						
J5B 908	36+00 E	→	Level area Base of timber covered sidehill	S ₄ /C	B 4	LB/RB	"						
J5B 909	34+00 E	→	Timber covered slope large fir	"	B 3	LB	"						
J5B 910	32+00 E	↘	open grassy side hill	S ₄ /C	B 4	"	"	Logged OFF AREA					
J5B 911	30+00 E	→	grassy open scattered large fir	S ₄ /C	B 4	B	"	" "					
J5B 912	28+00 E	→	Level area crest of hill	"	B 4	"	M	Thick spruce & fir					
J5B 913	26+00 E	→	Level area grassy large fir	S ₄ /C	B 4	B	"						
J5B 914	24+00 E	→	grassy slopes large fir & spruce	S ₄ /C	B 5	LB	"						
J5B 915	22+00 E	↘	Timber covered slope sidehill fir & spruce	S ₄ /C	B 4	"	"						
J5B 916	20+00 E	↘	" "	S ₄ /C	B 4	"	"	Outcrops AT HAND					
J5B 917	18+00 E	→	Level area grassy fir	S ₄ /C	B 4	B	"	Outcrops & logged OFF					
J5B 918	16+00 E	↘	Base of outcrop grassy slope	S ₄ /C	B 3	LB	M						

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

L107150N

COLLECTOR: C. Binnie & B. Pykeman

AREA: Lake Tenne

DATE: MAY 25, 1971

PROJECT: 410

LOCATION REF.: Kamloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 927	BL 21+94E L107+50N	↘	Slight Slope Wooded	Clay Sd G	B/3"	B	C	ORGANIC ROOTS. SPRUCE, FIR, PINE of ALL SIZES				
J5B 928	L107+50N 2+00E	↘	" " Light Wooded	Sd CLAY	B/5"	B	M	SMALL PINE & ALDER SOME SPRUCE				
J5B 929	" 4+00E	↘	Hilly " "	ST G.	B/4"	R.B.	C	Top of Knoll FIR & PINE				
J5B 930	" 6+00E	↘	Slight Slope " "	ST G.	B/3"	B	C	Poplar, Spruce & PINE				
J5B 931	" 8+00E	↘	Level " "	ST CLAY	B/3"	B	F	" " Wide, Low FLAT				
J5B 932	" 10+00E	↘	Slight Slope Thicker Wooded	ST Sd	B/5"	B	M	ORGANIC ROOTS Sidehill, Small Fir				
J5B 933	" 12+00E	↘	" " Light Wooded	ST Sd G.	B/3"	B	C	Top of Knoll, old logging Scattered Fir				
J5B 934	" 14+00E	↘	" " " "	ST Sd CLAY	B/5"	B	M	Scattered Fir Old logging				
J5B 935	" 16+00E	↘	" " " "	ST Sd	B/3"	B	M	" " Grassy Slope				
J5B 936	" 18+00E	↘	Hilly " "	ST Sd CLAY	B/6"	B	M	Scattered Fir Many Small Knolls				
J5B 937	" 20+00E	↘	" " Thicker Wooded	ST CLAY G	B/4"	B	C	Fir, Spruce & PINE				
J5B 938	" 22+00E	↘	Slight Slope " "	ST	B/4"	R.B.	F	Thick Small Fir & PINE Many Windfalls				
J5B 939	" 24+00E	↘	" " Light Wooded	ST Sd G.	B/5"	B	C	PINE, Poplar & Alder				
J5B 940	" 26+00E	↘	" " " "	ST CLAY	B/4"	B	F	Small Alder Many Small Draws				
J5B 941	" 28+00E	↘	Hilly " "	ST Sd G	B/3"	B	C	Scattered Fir Hillside				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BIGNIE & B. DYKEMA
L 107+50N

 AREA: Lac Le Jeune

 DATE: May 24, 1971

 PROJECT: 410

 LOCATION REF.: KAMloops BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
J5B 942	L107+50N 30+00E	↘	Slight Slope Light Wooded	ST Sd	B/4"	B	M	Small draws smaller Fir Old Logging				
J5B 943	" 32+00E	↘	Steep Slope Thicker Wooded	ST Sd G	B/2"	B	C	Scattered Fir of All sizes				
J5B 944	" 34+00E	↘	" " " "	ST Sd G	B/4"	B	C	" " " " Bottom of Slope				
J5B 945	" 36+00E	↘	Slight Slope Light Wooded	ST Sd Clay	B/3"	B	M	Scattered Fir Some Alder				
J5B 946	" 38+00E	↘	Steeper Slope Light Wooded	ST Sd	B/4"	B	M	" " PINE				
J5B 947	" 40+00E	↘	Almost Level Thicker Wooded	ST Sd Clay	B/4"	B	M	SPRUCE, PINE & Poplar				
J5B 948	" 42+00E	↘	" " " "	ST Clay	B/3"	Bk.	F	Thick spruce of All sizes				
J5B 949	" 44+00E	↘	OPEN Level	ST Clay	B/4"	Bk.	F	offset 150' N By Small Pond.				

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J. MORITZ

 LINE 99+50 NORTH

 AREA: LAC LE JEUNE

 DATE: MAY 25 1971

 PROJECT: 410

 LOCATION REF.: KAMLOOPS

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
950	0+00E	→	Top of hill small Pine	S ⁺ /s/c	B 4"	B	M						
951	2+00E	↘	Open Spruce	s/c	B 4"	L B	"						
952	4+00E	↘	Open Spruce	S ⁺ /s/L	B 4"	B	"						
953	6+00E	↘	Open grassy Sp	S ⁺ /c/s	B 5"	B	"						
954	8+00E	→	Spruce + Fir	S ⁺ /s	B 4"	LB	"						
955	10+00E	→	Open bush up hillside	S ⁺ /s/c	B 4"	B	"						
956	12+00E	→	Spruce + Fir near top of hill	S ⁺ /c	B 4"	LB	F						
957	14+00E	↘	Spruce + Fir bottom of hill	S ⁺ /c	B 4"	LB	M						
958	16+00E	→	Open grassy cut off trees	S ⁺ /s/c	B 4"	B	"	logged area					
959	18+00E	↘	logged area	S ⁺ /H	B 4"	B	C						
960	20+00E	↘	Down hill open Spruce + Fir	S ⁺ /H	B 4"	B	"						
961	22+00E	→	Open, near road	S ⁺ /H	B 4"	B	M						
962	24+00E	→	On roadside	S ⁺ /c	B 4"	LB	F	Upturned tree					
963	26+00E	→	Open bush going uphill	S ⁺ /c/s	B 4"	B	M						
964	28+00E	↘	Open grassy	S ⁺ /c/s	B 4"	B	"	logged area					

Damp Cloudy

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: D. B. Bunn A. Gussner

Line 111+50 North

AREA: Lac La Poudre

DATE: May 26 1971

PROJECT: 410

LOCATION REF.: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 973	44+00E	→	Level area swampy grass	S ₄ /L	B 4	B	M	Nearby to slough					
JSB 974	42+00E	→	" "	S ₄ /L	B 3	LB	F						
JSB 975	40+00E	→	" "	"	B 2	"	F	Large spruce base of hill side					
JSB 976	38+00E	↘	Slope near outcrop grassy	S ₄ /C/S	B 4	B	M	outcrop					
JSB 977	36+00E	↙	EDGE OF outcrop grassy timber level slope	S ₄ /S	B 4	"	"	area of numerous outcrops					
JSB 978	34+00E	↙	base of grassy timber outcrop slope	S ₄ /S/L	B 3	LB	"						
JSB 979	32+00E	↙	steep grassy side hill timbered	S ₄ /L/G	B 4	B	"						
JSB 980	30+00E	↙	" "	S ₄ /S/G	B 4	LB	"	near crest of hill					
JSB 981	28+00E	↙	" "	"	B 4	"	M	crest of hill					
JSB 982	26+00E	→	Level area grassy open section timbered	S ₄ /S/L/G	B 4	B	"						
JSB 983	24+00E	→	" "	"	B 4	LB	"						
JSB 984	22+00E	→	" "	S ₄ /L/G	B 4	"	"						
JSB 985	20+00E	↙	small ridge timber grassy	"	B 3	B	"	outcrop					
JSB 986	18+00E	↙	EDGE OF slough large timber	L/S/G	B 4	B/L/G	"	EDGE OF slough outcrops present					
JSB 987	16+00E	→	out area base of ridge	S ₄ /L/S/G	B 5	B	M	EDGE OF slough outcrops					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: D.B. A.G.

 Line 111 + 50 North

AREA: _____

 DATE: May 26 1971

 PROJECT: 410

LOCATION REF.: _____

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
JSB 988	14+00 E	↖	Top of small ridge scattered fill	S4/3/6	B 3	LB	M	Large outcrops				
JSB 989	12+00 E	↙	Top of ridge scattered timber grassy	"	B 4	B	"					
JSB 990	10+00 E	↙	Timber covered side hill	S4/3/6	B 3	"	"					
JSB 991	8+00 E	↙	Bottom of side hill swamp area	S4/3/6	B 4	B	"	Poplar stand				
JSB 992	6+00 E	↖	Scattered timber base of outcrop side hill	S4/3/6	B 5	RB	"	NUMEROUS outcrops				
JSB 993	4+00 E	↘	Base of grass timbered side hill	S4/3/6	B 4	LB	"					
JSB 994	2+00 E	↘	Crest of hill willow & maple thickets	S4/3/6/L	B 4	B	"					
JSB 995	0+00 211+50 N BL 211+42 E	↘	" "	"	B 4	"	M					
JSB 996	0+00 213+50 N BL 211+42 E	↘	" "	"	B 4	"	M					
JSB 997	2+00 E	↘	" "	S4/3/6	B 5	RB	"					
JSB 998	4+00 E	↘	Foot below outcrop timber	"	B 6	B	"					
JSB 999	6+00 E	↘	slope timber	S4/3/6	B 5	"	"					
JSB 1000	8+00 E	↘	" "	"	B 4	"	"					
JSB 1001	10+00 E	↖	Hill crest timber	"	B 5	"	"					
JSB 1002	12+00 E	↘	Slope timber	"	B 4	B	M					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: DB NG

L 131 + 50 N 12 TR

AREA: _____

 DATE: May 26 1971

 PROJECT: 410

LOCATION REF.: _____

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
JSB 1003	14+00 E		Slope open Timber	S ⁴ /L ¹ /C	B 3	B	M						
JSB 1004	16+00 E		Flat wet willow	"	B 4	"	"						
JSB 1005	18+00 E		Hill crest open Timber	"	B 5	"	"						
JSB 1006	20+00 E		Slope OPEN TIMBER	"	B 5	"	"						
JSB 1007	22+00 E		" "	"	B 4	"	"						
JSB 1008	24+00 E		Hill crest open Timber	S ⁴ /L ¹ /C	B 4	"	"	outcrop					
JSB 1009	26+00 E		Slope BRUSHY	S ⁴ /L ¹ /C	B 5	"	M	Below outcrop					
JSB 1010	28+00 E		Slope	"	B 4	B	"						
JSB 1011	30+00 E		Slope Timber	"	B 5	"	"						
JSB 1012	32+00 E		"	S ⁴ /L ¹ /C	B 5	"	"						
JSB 1013	34+00 E		Slope Timber	"	B 4	"	"	Logged off					
JSB 1014	36+00 E		Flat Logged	S ⁴ /L ¹ /C	B 5	"	"						
JSB 1015	38+00 E		Slope	S ⁴ /L ¹ /C	B 4	"	"	Logged off					
JSB 1016	40+00 E		" "	S ⁴ /L ¹ /C	B 5	"	"						
JSB 1017	42+00 E		" "	"	B 5	"	"						

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: A. GOSSEN D. BINNIE

 AREA: LAC LA JEUNE

 DATE: MAY 27 1971

 PROJECT: # 410

 LOCATION REF.: KAMLOOPS

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1019	BL 155+50N T	↖	TIMBER FLAT	st/s/c/g	B 4	B	M						
1020	L 2+00E	↑	TIMBER SLOPE	st/s/g	B5	RB	M	BELOW OUTCROP					
1021	L 4+00E	↗	TIMBER HILLCREST	st/s/c/g	B 4	B	M						
1022	L 6+00E	↑	TIMBER SLOPE	st/s/c/g	B 4	B	M						
1023	L 8+00E	↓	TIMBER AND GROWTH SLOPE	st/s/c/g	B 4	B	M						
1024	L 10+00E	↖	SPRUCE TIMBER FLAT SLOPE	st/s/c/g	B 5	B	M						
1025	L 12+00E	↑	SPRUCE TIMBER FLAT SLOPE	st/s/g/c	B 5	B	M	DAMP					
1026	L 14+00E	←	SPRUCE FLAT	st/s/c/g	B 4	B	M						
1027	L 16+00E	↑	POPULAR FLAT	st/s/c/g	B 5	B	M	WET					
1028	L 18+00E	↙	POPULAR FLAT	st/s/c/g	B 5	B	M	WET					
1029	L 20+00E	←	ALDER FLAT	st/s/g	B 5	B	M						
1030	L 22+00E	←	ALDER WILLOW SLOPE	st/s/c/g	B 5	B	M						
1031	L 24+00E	↑	ALDER WILLOW SLOPE	st/s/c/g	B 4	B	M						
1032	L 26+00E	↙	TIMBER SLOPE	st/s/c/g	B 5	DK. B	M						
1033	L 28+00E	↑	ALDER SLOPE	st/s/c/g	B 4	B	M						

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: A GUSSEN & D Binnie

 Line 139+00 NORTH

 AREA: Lac Le Jaune

 DATE: MAY 28 1971

 PROJECT: 410

 LOCATION REF.: Kamloops

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
J5B 1042	PL 21144E 0100 139+00N	↑	Timbered Flat	S1/S1/G	B 3	B	M						
J5B 1043	2+00E	↓	Timbered Hillcrest	"	B 4	B	"						
J5B 1044	4+00E	↑	" "	S1/S1/G	B 4	"	"						
J5B 1045	6+00E	↑	Timbered SLOPE	S1/S1/G	B 5	"	"						
J5B 1046	8+00E	↙	Timbered Flat	S1/S1/G	B 4	"	"						
J5B 1047	10+00E	↑	Timbered SLOPE	"	B 4	"	"						
J5B 1048	12+00E	↑	ALDER SLOPE	"	B 5	B	"						
J5B 1049	14+00E	↑	Timbered ALDER Flat	S1/S1/G	B 5	RB	M						
J5B 1050	16+00E	←	Poplar ALDER SLOPE	S1/S1/G	B 5	B	"						
J5B 1051	18+00E	↑	" "	"	B 6	B	"						
J5B 1052	20+00E	↑	ALDER SLOPE	S1/S1/G	B 5	DB	"						
J5B 1053	22+00E	↑	ALDER Flat	S1/S1/G	B 4	B	"						
J5B 1054	24+00E	↑	ALDER SLOPE	"	B 6	DB	"						
J5B 1055	26+00E	↙	" "	S1/S1/G	B 6	"	"						
J5B 1056	28+00E	←	Timber SLOPE	"	B 5	DB	M						

CANADIAN JOHNS-CANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

TWIG SAMPLE

COLLECTOR: C. I. Choi

AREA: LAC LE JEUNE AREA (W of Mt. ...)

DATE: June 30th, 1971

PROJECT: 410

LOCATION REF.: L 26+25E
L 30+00E

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE No. of Twigs	HORIZON & DEPTH M. of Soil	COLOUR Side of Tree	TEXTURE M. of Twigs	Diameter of Tree	REMARKS	ANALYTICAL RESULTS			
MT-001	L26+25E 42+00N	↑	Plateau	10	22 th	SW & SE	10'-14'	5"	Base of road				
-002	40+00N	↑	"	9	27 th	NN & W	18'-24'	6"					
-003	L27+50E	↔	"	10	26 th	SE & NW	20'-22'	5.5"	I.P. Pine #34 #33 100' N of L29+00E				
-004	L30+00E 40+00N	→	"	11	28 th	E, SE	23'-26'	6"	20' NW of station				
-005	42+00N	→	"	12	26 th	W, SW	12'-19'	6.3"	30' W of station				
-006	44+00N	↗	"	11	25 th	N, NE	19'-23'	5"					
-007	46+00N	→	"	11	28 th	SE, NE	22'-26'	6"	40' W of station				
-008	48+00N	↘	"	12	29 th	SW, SE	10'-14'	6"					
-009	51+00N	↘	"	12	30 th	SE	6'-10'	8"	Base of road				
-010	53+00N	↘	"	10	25 th	SW, S	5'	6.5"	50' E of station				
-011	55+00N	✓	"	10	26 th	SW, SE	18'-22'	5.5"	40' E of station				
-012	57+00N	✓	"	10	27 th	S, E	19'-23'	5"	30' E of station				
-013	59+00N	←	"	14	28 th	SW, S	22'-24'	6"	15' E of station				
-014	61+00N	↔	"	9	26 th	SE, NW	16'-20'	6"	40' W of station				

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

TWIG SAMPLE

COLLECTOR: C. I. Choi

LAC LE JEUNE
AREA: W. Side of McConnell LAKE

DATE: July 1st

PROJECT: 410

LOCATION REF: L 30+00 E & L 76+25 E

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE <small>No. of bulges</small>	HORIZON & DEPTH <small>ft. / in.</small>	COLOUR <small>Side of Top</small>	TEXTURE <small>Mo. / Top</small>	Diameter <small>of Top</small>	REMARKS	ANALYTICAL RESULTS			
MT -015	L 30+00 E 63+20 N	→	plateau	10	24 th	SE & S	17'-20'	5"	20" NE & sll'n				
-016	65+00 N	→	"	9	27 th	SE & E	24'-28'	5.5"	30" W & sll'n				
-017	67+00 N	→	"	14	29 th	NN & SE	20'-23'	6"	JSB-220				
-018	68+70 N	↔	"	13	27 th	NE & E	22'-24'	6"	JSB-745 I.P. 5. 7.15.18				
-019	71+00 N	↔	"	11	27 th	NE & E	14'-18'	6"					
-020	73+00 N	↔	"	12	28 th	S & SW	19'-24'	5.5"					
-021	75+00 N	↔	"	13	28 th	SW & SE	14'-18'	6"					
-022	77+00 N	↔	"	9	25 th	SE & SW	20'-25'	5.5"					
-023	79+00 N	↔	"	12	26 th	W & NN	22'-24'	5.5"					
-024	81+00 N	↔	"	11	25 th	SW & SE	16'-20' 20'-25'	6"					
MT -025	L 72+00 N 2+00 W	→	"	12	27 th	E & SE	20'-23'	6"					
-026	L 25+25 E 80+00 N	→	"	10	26 th	W & N	18'-20'	6"					
-027	78+00 N	↔	"	11	23 th	W & E	10'-16'	5.5"	15" NW & sll'n				
-028	76+00 N	←	"	12	23 th	S & N	12'-18'	5.5"					

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL-SURVEY DATA

TWIG SAMPLE

COLLECTOR: C. I. Choi

AREA: LAC LE JEUNE
(WEST of McConnell Lake)

DATE: July 5, 1971

PROJECT: 410

LOCATION REF.: L26 + 25 E (L33+7)

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE No. of twigs	HORIZON & DEPTH Ill. of hor.	COLOUR 5 cm. of 1 cm.	TEXTURE Ill. of twigs	Size of fill (diameter)	REMARKS	ANALYTICAL RESULTS			
MT -037	L26+25E 53+50N	→	Plateau	12	24 th	N & NW	11'-16"	5.5"	60° E of station				
-038	52+00N	→	"	13	25 th	N & S	10'-16"	5.5"	40° E of station				
-039	50+00N	↓	"	11 27	27 th E	E & W	22'-24'	6"					
-040	48+20N	↓	"	12	26 th	SE & SW	20'-24'	5.6"					
-041	46+00N	←	"	12	27 th	W & SW	18'-22'	5.5"					
MT -042	L33+75N 53+00N	↘	Plateau	12	27 th	SE & SW	17'-21'	6.0"					
-043	56+00N	→	"	11	29 th	NW & SE	20'-25'	9.0"	40° E of station				
-044	58+00N	→	"	13	29 th	NE & SE	18'-25'	6.0"	40° SE of station				
-045	60+00N	→	"	11	29 th	E & SW	18'-23'	6.0"	25° E of station				
-046	62+00N	↔	"	12	28 th	NW & NE	20'-23'	6.0"	15° SE of station				
-047	64+00N	↔	"	13	28 th	SE & SW	19'-22'	6.0"	15° N of station				
-048	66+00N	↔	"	12	33 th	NE & SE	27'-28'	6.0"	10° S of station				
-049	68+00N	↔	"	14	28 th	N & W	20'-24'	6.5"					
-050	70+00N	↔	"	14	26 th	NW & W	18'-22'	6.5"	40° W of station				

CANADIAN JOHNS-ONVILLE Co. Ltd.

GEOCHEMICAL SOIL-SURVEY DATA

COLLECTOR: C. I. Choi

TWIG SAMPLE

West of McConnell Lake
AREA: LAC LE JEUNE AREA

DATE: July 6, 1971

PROJECT: 410

LOCATION REF: L 33 + 75 E

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE <small>No. of Twigs</small>	HORIZON & DEPTH <small>HT. of Top</small>	COLOUR <small>Side of Top</small>	TEXTURE <small>HT. of Twig</small>	Size of twig <small>(diameter)</small>	REMARKS	ANALYTICAL RESULTS			
MT -051	L 33+75 E 72+00 N	←	Plateau	11	24"	SW & W	10'-16'	6"	20' N of st. line				
-052	74+00 N	←	"	14	23"	W & SW	11'-16'	5.5"	15' SE of st. line				
-053	76+00 N	←	"	10	26"	NW & SW	20'-23'	6"					
-054	78+00 N	←	"	14	25"	N & NW	15'-20'	6.5"					
-055	80+00 N	←	"	11	28"	SW & E	18'-22'	6.0"	25' NW of st. line				
-056	50+00 N	↘	Edge of swamp	12	29"	S & SE	24'-27'	6.0"					
-057	48+00 N	←	Plateau Edge of swamp	12	29"	"	22'-25'	6.5"	60' E of st. line				
-058	46+00 N	←	Plateau	11	28"	NW & SW	20'-24'	6.0"					
-059	44+00 N	↘	"	12	28"	N, E & W	22'-24'	6.0"					
-060	42+00 N	↘	"	10	26"	SW	18'-23'	6.0"					
-061	40+00 N	↘	"	10	27"	N & NE	20'-22'	6.0"					

CANADIAN JOHNSMANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

TWIG SAMPLE

COLLECTOR: C. I. Choi

AREA: West of McConnell Lake
LAC LE JEUNE AREA

DATE: July 7, 1971

PROJECT: A10

LOCATION REF: L30+00E & L33+75E

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE No. of twig	HORIZON & DEPTH Ht. of twig	COLOUR S & W Face	TEXTURE Ht. of twig	Size of twig (diameter)	REMARKS	ANALYTICAL RESULTS			
MT -062	L30+00E 38+00 N	↗	Pd. Land	13	28 th	NE & N	23'-26'	6.0"					
-063	36+00 N	↗	"	12	26 th	N & NW	22'-24'	6.0"	15' S of station				
-064	34+00 N	↔	"	11	25 th	SE & W	14'-19'	6.0"	15' S of station				
-065	32+00 N	↔	"	11	24 th	S & SW	16'-20'	5.5"	12' W of station				
-066	30+00 N	↘	"	11	25 th	E & SE	18'-22'	6.5"					
-067	28+00 N	↘	(Edge of Swamp)	15	20 th	S & W	18'-24'	6.5"	55' E of station				
MT -068	L33+75E 38+00 N	←	"	14	27 th	S & SE	20'-23'	6.0"					
-069	35+00 N	←	E of Swamp	12	30 th	W & SE	24'-27'	6.5"	35' E of station				
-070	34+00 N	↘	E of Swamp	12	24 th	S & SE	20'-23'	6.0"					
-071	32+00 N	←	"	11	22 th	SE & SW	12'-16'	6.0"					
MT -072	L37+50E 40+00 N	←	Pd. Land	13	25 th	S & W	18'-22'	6"	15' SW of station				
-073	38+00 N	↔	"	12	27 th	NW & SW	23'-21'	6.0"	15' W of station				
-074	36+00 N	←	"	14	28 th	S & SE	20'-24'	6.5"					

CANADIAN JOHNSONVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

TWIG SAMPLE

COLLECTOR: C. I. Choi

West of McConnell Lake file
AREA: L 37 + 50E

DATE: July 12, 1971

PROJECT: 410

LOCATION REF.: L 37 + 50E

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE <small>No. of top</small>	HORIZON & DEPTH <small>Hor. of 100</small>	COLOUR <small>Side of top</small>	TEXTURE <small>Hor. of 100</small>	Diameter of core	REMARKS	ANALYTICAL RESULTS			
MT -082	L 37 + 50E 44 + 00N	←	W. side of Kill	10	32 ^{1/2}	NW S SW	27'-30'	6.0"	60' W of station				
-083	46 + 00N	←	"	12	30 ^{1/2}	N.S S W	20'-24'	6.5"	10' W of station				
-084	48 + 00N	↑	"	12	30 ^{1/2}	NW S SW	27'-29'	6.0"	10' N of station				
-085	50 + 00N	↑	Plateau (red granite)	12	28 ^{1/2}	S.E S W	25'-27'	6.0"					
-086	52 + 00N	↓	" (red granite)	12	28 ^{1/2}	SW S SE	20'-24'	6.0"	40' NW of station				
-087	54 + 00N	↓	"	13	26 ^{1/2}	SE	18'-20'	6.0"	20' SE of station				
-088	56 + 00N	↓	"	12	33 ^{1/2}	NW S SW	10'-13'	7.0"	40' W of station				
-089	59 + 00N	↔	"	14	32 ^{1/2}	SW S SE	21'-25'	7.0"	50' W of station				
-090	60 + 00N	↔	"	12	30 ^{1/2}	E & SE	23'-27'	6.5"	30' W of station				
-091	61 + 00N	↔	"	12	28 ^{1/2}	E E S	22'-25'	6.0"	60' W of station				
-092	64 + 00N	↔	"	12	27 ^{1/2}	SE & N	23'-26'	6.0"					

DIAMOND DRILL RECORD

NAME OF PROPERTY LAC LE JEUNE PROJ. 410
 HOLE NO. B.T. #1 LENGTH _____
 LOCATION L 60 E at 12 600N
 LATITUDE 57° 30' N 129° 28' W DEPARTURE _____
 ELEVATION 4560 ft AZIMUTH North DIP 75°
 STARTED April 28th 1971 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	North			

HOLE NO. B.T. #1 SHEET NO. 1-2
 REMARKS _____
 LOGGED BY C. I. (L.S.)

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
128'	140'	<p>Few fine grains of pyrite are noted in matrix at 57.7'</p> <p>Olivine rich Basalt.</p> <p>Broken core, splited along the fractures. Dark green in colour fine grained and massive.</p> <p>Highly serpentinized coating on the faces of thin fractures.</p>								
140'	222'	<p>Olivine Basalt.</p> <p>Aphanitic groundmass and massive with crystals of olivine.</p> <p>Serpentines are coated on the faces of fractures.</p> <p>Fresh core. Green in colour. noted minor amount of hornblende(?)</p> <p>Rarely carbonate coating in basalt filling of needles of crystal.</p> <p>Complete core recovery.</p> <p><u>Mineralization</u></p> <p>Disseminated grained pyrite occurs at the depth of 168' to 178' along the fractures associated with coating serpentine.</p>								
222'	278'	<p>Olivine basalt</p> <p>Dark gray dense groundmass with crystals of olivine highly broken core. splited along the fractures.</p> <p>Serpentine is coated on the faces of fractures and joints</p>								

EM. 6-1168

LANGRIDGE LIMITED,

DRILL RECORD

PROPERTY LAC LE JEUNE PROV. 410
 HOLE NO. BT #1 LENGTH _____
 LOCATION L60 E at 12+00 N
 LATITUDE 50° 31' N 125° 35' W DEPARTURE _____
 ELEVATION 4560 ft. AZIMUTH North DIP 75°
 STARTED April 28th, 1971 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	N			

HOLE NO. BT #1 SHEET NO. 1-3

REMARKS _____

LOGGED BY C. I. Cho

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
273'	280'	<p>Flat-lying Terraces</p> <p>Terraces consist of chiefly silt and clay. Grayish black very fine grained and well sorted silt & clay. earthy and muddy texture. slaty beds.</p>									
280'	314'	<p>Flat-lying Terraces (Marginal?)</p> <p>Terraces consist of silt and clay with minor fine to coarse sand interbedded with tuffaceous materials. Gray to dark gray very fine to coarse grained. In places clay and fine sand laminated and finely bedded.</p> <p>Evidence of fossil plants shown on the beds of silt & clay at the depth of 290' with good prints.</p> <p>Distinctive very thin beds and laminated with gray and dark gray in color. In places appear carbon on the beds.</p> <p><u>Mineralization</u></p> <p>Disseminated grained pyrite occurs on the flat-lying beds and thin fractures at the depth of 274' to 282'</p>									

EM. 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE JEUNE PROV. 410
 HOLE NO. BJ #1 LENGTH _____
 LOCATION L.C.E. at 12400N
 LATITUDE 50°30'N 120°28'W DEPARTURE _____
 ELEVATION 4560' AZIMUTH North DIP 75°
 STARTED April 28th, 1971 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	North			

HOLE NO. BJ #1 SHEET NO. 1-4

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL						
314'	360'	Flat-lying silt & clay Light gray to dark gray, interbedded with ash and minor fine to coarse sand. Alternated the beds of volcanic ash and silt-clay with white and dark gray in colour. finely bedded. fossil plants show on the bedding planes of silt and clay.	BJ -001		30'	35'	5'						
			-002	0.5%?	35'	40'							
			-003	"	40'	45'							
			-004	"	45'	50'							
			-005	"	50'	55'							
360'	365'	Agglomerates Coarsely sorted agglomerates. consist of gravel to sand. Cemented volcanic ash and basalt. Dark brown to grayish black in colour.	-006		55'	60'							
			-007		60'	65'							
365'	377'	Flat-lying silt & clay. Gray to dark gray. Alternated volcanic ash and silt-clay with white and dark gray in colour. finely bedded. Fossil plants show on the bedding planes of silt and clay throughout the core.	-008	0.7%?	115'	120'							
			009	"	120'	125'							
			010	"	270'	275'							
			011	1.5%?	275'	280'							
			012	"	280'	285'							
			013	"	285'	290'							
377'	398'	Agglomerates Gray to dark gray. Coarsely sorted. mainly consists of volcanic ash, very coarse sand, pebbles and gravels, cemented ash and basalt.	-014	0.8%?	445'	450'							
			-015	"	450'	455'							

for Geochemical Analysis.
Cu Ni Zn Pb Ag

EM. 6-1168

LANCIPRIDGE LIMITED.

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE SEUR P.S. 410
 HOLE NO. BT #1 LENGTH _____
 LOCATION L.E.F. at 1200 N
 LATITUDE 51° 30' N 120° 28' W DEPARTURE _____
 ELEVATION 4560' AZIMUTH North DIP 75°
 STARTED April 20th 1971 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	N-16			

HOLE NO. BT #1 SHEET NO. 2-5

REMARKS _____

LOGGED BY C. I. Chai

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	oz/TON	oz/TON
					FROM	TO	TOTAL				
398'	426'	Flat-lying silt and clay. Light gray to gray interbedded with volcanic ash and minor fine to medium sand. Alternated volcanic ash and silt-clay. finely bedded. Fossil plants show on the bedding planes of silt and clay.	BT -016	0.5%?	460	465'	5'				
			-017	"	465'	470'	"				
426'	435'	Agglomerates Gray to dark brown coarsely sorted Contains gravels, pebbles, sand and volcanic ash. Cemented volcanic ash and basalt.	BT-A		30'	65'	35'	f	Spectrographic Analysis.		
					115'	125'					
					270'	290'					
					405'	455'					
					460'	470'					
435'	445'	Flat-lying silt & clay. Gray to brownish black finely bedded interbedded with minor fine sand. Alternated the beds of volcanic ash and silt-clay. Fossil plants show on the beds of clay throughout the core.									
445'	448'	Tuff white to light grey, fine grained tuff Distinctive flat-lying beds, interbedded with minor fine grained volcanic sand.									
448'	458'	Agglomerates Gray to dark grey, very coarsely sorted Agglomerates Consist of gravels, pebbles, sand and volcanic ash. Cemented mainly basaltic and volcanic ash.									

EM. 6-1163

LAMBRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE JEUNE PROJ. 410
 HOLE NO. BT #1 LENGTH _____
 LOCATION L 6 E at 1200 N
 LATITUDE 57°30'N 120°28'W DEPARTURE _____
 ELEVATION 4560 ft. AZIMUTH North DIP 75°
 STARTED April 28th 1971 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	North			

HOLE NO. BT #1 SHEET NO. 1-6

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	%	%	OZ/TON	OZ/TON
458'	465'	<p><u>Mineralization</u> Fine grained pyrite occurs in agglomerates at the depth of 457' to 458' (minor amounts)</p> <p><u>Flocculating silt & clay</u> Gray to dark gray, interbedded between the beds of silt clay and volcanic ash, interbedded with minor fine sands, finely bedded in places. fossil plants show on the beds of silt and clay.</p>									
465'	474'	<p><u>Agglomerates</u> Light gray to gray, coarsely sorted consist of gravels, pebbles and sand, cemented volcanic ash and basalt.</p> <p><u>Mineralization</u> Fine grained pyrite (minor amounts) in agglomerates at the depth of 465' to 467'. Losing water at 474'. Cementing in the drill hole.</p>									

EM. 6-1108

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAKE LO JEWELL AREA, PLOT 410
 HOLE NO. B.T. #1 LENGTH 979 feet
 LOCATION 460 E. of 1250 N.
 LATITUDE 58° 30' N. 120° 58' W. DEPARTURE _____
 ELEVATION 4560' AZIMUTH North DIP 75°
 STARTED April 28th 1971 FINISHED May 7, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	North			
500'	75°	North			
979'	74°	North			

MOLE NO. _____ SHEET NO. _____
 REMARKS _____
 LOGGED BY C. I. Cho

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
475'	560'	Agglomerate. Grey to dark grey. Fine sorted. Contains sand, rounded pebbles and gravels. Cemented with volcanic ash, granites and basaltic material. Also minor gneiss. Predominant granitic rock within Agglomerate. Boulder of basalt (dense & massive) between 533 ^{ft} and 534 ^{ft} . Mineralization Considerable amount of fine grained pyrite within Agglomerate between 485 ^{ft} and 510 ^{ft} . Significant amount of pyrite is disseminated at 525 ^{ft} - 530 ^{ft} .	B.T.								
			-018		485'	490'	5'				
			-019		490'	495'	5'				
			-020		495'	500'	5'				
			-021		500'	505'	5'				
			-022		505'	510'	5'				
			-023		510'	515'	5'				
560'	583'	Agglomerate. whit. to light grey. in places reddish brown spl. fine sorting. Contains sand, rounded or subrounded pebbles and gravels. Cemented with volcanic materials and pebbles and gravels of granitic. Mainly consist of coarse sand, pebbles and volcanic ash. Mineralization Disseminated pyrite occurs within the granite gravel at the depth of 529 ^{ft} .	-024		515'	520'	5'				
			-025		520'	525'	5'				
			-026		525'	530'	5'				

E14. 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY L.M. L.E. JARNE P.P.W. 410
 HOLE NO. BJ #1 LENGTH 974 feet
 LOCATION L.C.E. at 12 P.O. N
 LATITUDE 50° 30' N 120° 25' W DEPARTURE _____
 ELEVATION 4560 ft AZIMUTH North DIP 75°
 STARTED April 28th, 1911 FINISHED May 7, 1911

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	North			
520'	73°	North			
974'	75°	North			

HOLE NO. BJ #1 SHEET NO. 1-6

REMARKS _____

LOGGED BY C. J. Choi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM	TO	TOTAL	%	%	OZ/TON	OZ/TON
583'	646'	<p>Breccia Light gray & dark brown spt in color. Fine sorting. Contains angular or subangular quartz, pebbles and sand. Mainly consist of rocks of basalt with minor granitic gravel & porphyry cemented with calcareous ash, pebbles and gravel.</p>	BJ -027		646'	650'	5'				
646'	680'	<p>Biachite rich Gneiss-diorite Highly altered and decomposed. broken core. Coarse grained white to gray. granular texture. Containing plagioclase, quartz biachite with minor hornblende & sericite. Altered to white & yellow. even shining in fracture. (fractured hornblende?) Fine grained perthite along the fractures. K-feldspar with white quartz. Recrystallized crystals of epidote and pink feldspar. Shattered zone at 684 ft. Alteration Disseminated ground quartz within granodiorite, and on the faces of fractures at the top of 653 ft. to 670 ft. Pyrite commonly shows in the fractures. Sulfidation pyrite is shown at 672 to 676 ft.</p>	-028 -029 -030 -031 -032 -033 -034 -035 -036 -037		650'	655'	'				
680'	716'	<p>Gneiss-diorite Medium to coarse grained, white to light gray. generally massive core. in places siliceous. Containing plagioclase, quartz, orthoclase, biachite with minor hornblende. Recrystallized epidote and chlorite. Altered to white & yellow. Decomposed & friable core at 684 ft. to 688 ft. Highly shattered and soft crushed core at 710 ft. to 716 ft.</p>	-038 -039 -040		655'	660'	'				
					660'	665'	'				
					665'	670'	'				
					670'	675'	'				
					675'	680'	'				
					680'	685'	'				
					685'	690'	'				
					690'	695'	'				
					695'	700'	'				
					700'	705'	'				
					705'	710'	'				
					710'	715'	'				

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
5'	21'	N 4'			
560'	23'	N 4'			
979'	24'	N 4'			

REMARKS _____

LOGGED BY C. J. Cho.

LATITUDE 57° 14' N DEPARTURE _____
 ELEVATION 2000' AZIMUTH North DIP 23°
 STARTED April 28th, 1971 FINISHED May 7, 1971

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
716'	723'	<u>Mineralization</u> Significant amount of disse pyrite is observed at 695' to 697' and 691' to 697' <u>Granitic Rock</u> fine to medium grained, white to gray in colour. In places well fractured. Containing plagioclase, quartz, biotite and minor amphibole. Altered to white and light green along the fractures and joints. Distinctive white inclusions. Recognized the crystals of epidote in thin fractures.	B5 -041 -042 -043 -044 -045 -046		715'	720'	5'				
723'	737'	<u>Mineralization</u> Disseminated small amount of pyrite within the Quartz streaks (1/8" wide) at 722'; Significant amount of pyrite is observed at 718 ft. <u>Altered Gneiss-Diorite</u> medium to coarse grained, white & gray in colour. Granular texture. Contains plagioclase, orthoclase, quartz & biotite. Well fractured & kaolinized on surface & fractures. Pinkish talciferous ground in places. Recognized epidote & sericite. Two quartz streaks (1/8" wide) are noted.	-047 -048 -049 -050 -051 -052		740'	745'	"				
737'	755'	<u>Sheared Gneiss-Diorite</u> Highly sheared, fractured & washed core medium to coarse grained white & light gray in colour. Kaolinization on sheared planes and fractures. Altered to white and bluish gray along the fractures. Contains plagioclase, quartz & biotite.	-053 -054 -055		755'	760'	"				
					760'	765'	"				
					765'	770'	"				
					770'	775'	"				
					775'	780'	"				
					780'	785'	"				
					785'	790'	"				

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE JEUNE AREA PROP. 410
 HOLE NO. BJ #1 LENGTH 979 feet
 LOCATION L 60 W 00 E at 12 TOWN
 LATITUDE 50° 30' N LONGITUDE 120° 20' W DEPARTURE _____
 ELEVATION 4540 ft. AZIMUTH North DIP 75°
 STARTED April 28th 1971 FINISHED May 2 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	76°	North			
500	73°	North			
979	74°	North			

HOLE NO. BJ #1 SHEET NO. 1-10

REMARKS _____

LOGGED BY C. L. Choi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO					TOTAL
755	843	<p><u>Miscellization</u> Considerable amount of pyrite disseminated occurs in the vein at 745 feet. Also small amount of Chalcopyrite is noted in quartz vein (approx. 2 inches wide?) is associated with disseminated pyrite. Crystals of epidote are recognized on the faces of fractures of the vein. Take a split sample.</p> <p>Altered bitite rock - greenish black.</p> <p>Altered and broken core. Coarse grained white to grey in colour. granular texture. Partly concentrated with bitite & chlorite with fracture. Contains plagioclase, quartz, biotite with minor actinolite and sericite. Angerfeldt type show phase. Cryst. Altered to yellow to yellowish grey.</p> <p>Well fractured & ^{with} kaolinization with white powder on fractures. Epidote, minor chlorite, pink-pink feldspar & sericite are present in greenish black.</p> <p>Intensive volcanic materials are recognized on the faces of fractures (1/2 inches wide) at the depth of 776 feet.</p> <p><u>Miscellization</u> Specimen bench shows at depth significant amount of disseminated pyrite is scattered throughout the core. Commonly occur along the thin fractures. In places pyrite is associated with epidote. Also minor carbon is shown on the fractures carbonate.</p>	BJ-56		790'	795'	5'				
			BJ-C		646'	696'	50'				
			BJ-D		696'	746'	50'				
			BJ-057		795'	800'	5'				
			-056		800'	805'	"				
			-057		805'	810'	"				
			-060		810'	815'	"				
			-061		815'	820'	"				
			-062		820'	825'	"				
			-063		825'	830'	"				
			-064		830'	835'	"				
			-065		835'	840'	"				

} for Spectrographic Analysis

EM. 6-1168

LANGRIDGE LIMITED,

LOG BOOK RECORD

HOLE NO. LT # 1 SHEET NO. 1-11

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	21°	North			
570'	73°				
974'	74°				

REMARKS _____

LOGGED BY C. I. Choi

LENGTH 1200.0
 DEPARTURE _____
 AZIMUTH North DIP 75°
 STARTED Apr 1 3:15 PM '71 FINISHED May 7 1971

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
843'	849'	Sheared Gneiss-diorite Highly sheared & broken core. Medium to coarse grained greenish white in colour. In places strong fracturing. friable and mottled core. Abundant to yellow and white colour. Kricheldorfite with white powder on sheared planes and fractures in association with white sericite and minor chlorite.	85 -066		840'	845'	5'				
			-067		845'	850'	"				
			-068		850'	855'	"				
			-069		855'	860'	"				
849'	858'	Altered Gneiss-diorite Medium to coarse grained greenish white in colour. Essentially contains plagioclase, biotite, quartz and minor hornblende. Developing fractures and Kricheldorfite with Kricheldorfite. Abundant to white, yellow and brown chlorite, epidote and oxidized specular hematite are recognized at 855' to 860'. Partly massive core. minor embay on fractures (cataclasis). <u>Mineralization</u> Significant amount of disseminated pyrite is observed within gneiss-diorite at the depth of 855' to 865' and 884' in association with minor epidote in places.	-070		860'	865'	"				
			-071		865'	870'	"				
			-072		870'	875'	"				
			-073		875'	880'	"				
			-074		880'	885'	"				
			-075		885'	890'	"				
858'	904'	Sheared Gneiss-diorite Highly sheared, friable & mottled core. Medium to coarse grained white & grey alteration. Recognized stibiconite in shear planes. Kricheldorfite with white powder on sheared planes and fractures. In places specular hematite is observed.	-076		890'	895'	"				
			-077		895'	900'	"				
			-078		900'	905'	"				

EM. 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

HOLE NO. BJ #1 SHEET NO. 1-12

NAME OF PROPERTY LAC LE JEUNE AREA PROJ. 410
 HOLE NO. BJ #1 LENGTH 979 feet
 LOCATION L-60+000 at 1200N
 LATITUDE 52° 30' N 120° 00' W DEPARTURE _____
 ELEVATION 425 feet AZIMUTH North DIP 75°
 STARTED April 28th 1971 FINISHED May 7, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	76°	North			
536'	73°	"			
979'	76°	"			

REMARKS _____

LOGGED BY C. I. Chou

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
904'	920'	Biotite rich granodiorite Medium to coarse grained, white & gray in colour. Partly massive core. Altered to white gray and grayish blue on the faces of fractures. Highly kaolinized throughout the core and partly silicified. Recognized epidote & sericite. Commonly well fractured 5" to 7 inches apart, and in places weakly sheared. <u>Mineralization</u> Small amount of disc. pyrite is shown within the granodiorite at 908' and 914' then iron staining between 913' and 920' on the faces of fractures.	85									
			-077		905'	910'	5'					
			-080		910'	915'	"					
			-081		915'	920'	"					
			-082		920'	925'	"					
			-083		925'	930'	"					
			-084		930'	935'	"					
920'	927'	Sheared Granodiorite Sheared, fractured and broken core. medium to coarse grained. Contains plagioclase, quartz, biotite. Altered to white & grayish blue on fractures. Kaolinization with white powder on the sheared planes and fractures. Also recognized minor calcite & white sericite. <u>Mineralization</u> Minor disc. pyrite is observed between 922' and 923'.	-085		935'	940'	"					
			-086		940'	945'	"					
			-087		945'	950'	"					
			-088		950'	955'	"					
			-089		955'	960'	"					
927'	964'	Biotite rich granodiorite Medium to coarse grained, white & gray in colour. Massive core. Contains plagioclase, quartz and biotite with minor orthoclase and hornblende. Altered to orange yellow and grayish white. Well fractured and in part sheared. Sheared zone at 948' to 950'.	-090		960'	965'	"					

EM. 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE SEUR AREA, P.O.S. 410
 HOLE NO. BT #1 LENGTH 979 feet
 LOCATION L 60° P 00 E S 12 700 N
 LATITUDE 50° 30' N 120° 20' W DEPARTURE _____
 ELEVATION 2460' AZIMUTH plth DIP 25°
 STARTED April 25, 1971 FINISHED May 7, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	26°				
500'	23°				
979'	24°				

HOLE NO. BT #1 SHEET NO. 1-13
 REMARKS _____
 LOGGED BY C. I. Chou

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	%	%	OZ/TON	OZ/TON
964	974	<p><i>Refractometer & schiefelruter in place.</i></p> <p><i>Crystals of epidote, pale pink feldspar, minor chlorite & carbonaceous material are recognized within the green chlorite. In places epidote & carbon occur along the fractures.</i></p> <p><u>Mineralization</u></p> <p><i>significant amount of disseminated pyrite is observed at 942.2 ft, 943 ft and 945 ft & 953 ft. Pyrite commonly occurs along the fractures.</i></p> <p><i>Althaus & Sherrill Green-chlorite</i></p> <p><i>Highly althaus and partly sherrill core. medium to coarse grained, white & gray althaus. Containing plagioclase, biotite & biotite with minor hornblende, sericite & chlorite.</i></p> <p><i>White & gray althaus. Refractometer on fractures and quality schiefelruter. White sericite & chlorite are recognized on fractures. In places rich biotite has been concentrated with clinopyroxene. Epidote biotite is shown at 968 ft & 975 ft. Sherrill zone at 970 ft to 975 ft.</i></p> <p><u>Mineralization</u></p> <p><i>Significant amount of disseminated pyrite is observed at 962.5 ft to 975 ft.</i></p> <p><i>End of Hole at 979 ft. due to stuck stuck rods</i></p>	BT -091		965'	970'	5'				
			-092		970'	975'	5'				
			-093		975'	979'	4'				

EM. 6-108

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

NAME OF PROPERTY LAC LA PUEUR PROV. 410
 HOLE NO. BJ #1 LENGTH _____
 LOCATION L60 E at 12500 N
 LATITUDE 50° 31' N 120° 56' W DEPARTURE _____
 ELEVATION 4560' AZIMUTH North DIP 25°
 STARTED April 28, 1971 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	26°	N			

HOLE NO. BJ #1 SHEET NO. 1-1
 REMARKS _____
 LOGGED BY C. J. (h)

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0'	6'	Overburden									
6'	29'	Olivine Basalt. Weathered & oxidized core, noted iron staining on the surface and fractures. Fine grained and massive with crystals of olivine. Dark gray in colour. In places carbonaceous are present.									
29'	52'	Olivine Basalt. Partly weathered, broken core, splintered along the fractures. Dark gray, fine grained basalt. Contains subhedral olivine. Serpentine is created on the faces of fracture.									
52'	128'	Olivine rich Basalt. Aphanitic groundmass and massive, fresh core, dark gray in colour. Coating serpentine with light green in colour along the fractures, and some carbonaceous. Recognized minor amount of pyroxene crystals. <u>Mineralization:</u> Disseminated grains of pyrite are visible along the fractures associated with coating serpentine at the depth of 36' to 52' and 119' to 121'. Pyrite occurs on the faces of thin fractures and joints associated with serpentine (width of thread to 1/2"). Fractures are 0.5' to 1.5' apart.									

EM. 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE JEUNE AVE P.P. No. 410
 HOLE NO. BJ #2 LENGTH 604 feet
 LOCATION L 45 +005 at 13400E
 LATITUDE 50° 30' N 120° 20' W DEPARTURE _____
 ELEVATION 4350 feet AZIMUTH East DIP 55°
 STARTED May 12, 1921 FINISHED May 19, 1921

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	55'	EAST			
774'	53'	EAST			
652'	57°	EAST			

HOLE NO. BJ #2 SHEET NO. 2-3

REMARKS _____

LOGGED BY C. I. Cho

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
284'	313'	<p>Massive white granodiorite</p> <p>white to pale grey. Coarse grained, fresh & massive. Contains slightly silicified. Containing plagioclase, biotite, orthoclase, minor hornblende. Accessory chlorite and epidote. Composition & percentage in similar to above core.</p> <p>Reddish brown & dark green alteration in fractures & joints.</p> <p>Fine grained disc. pyrite is rarely recognized within the granodiorite in fractures (containing 2-15 grains approx. up to a foot).</p> <p>Speckled hematite is also noted.</p> <p>Weakly kaolinized in fractures associated with carbonate veinlets.</p>									
313'	343'	<p>Weakly altered granodiorite</p> <p>white & white grey, medium to coarse grained.</p> <p>Consists of plagioclase (30-40%) quartz (15-20%) biotite (15-20%) potassium feldspar (10-15%) with minor epidote.</p> <p>Partly friable & broken core with white clay.</p> <p>Slightly kaolinized within host rock & thin fractures with minor hematite & carbonates. Iron oxidation is apparent along the fractures & joints. altered to reddish brown & white (partly).</p> <p>Thin carbonate veinlets filling in the joints & fractures.</p>									
343'	390'	<p>Biotite rich granodiorite</p> <p>white & pale grey. Medium to coarse grained, slightly foliated, partly porphyritic texture with megacrysts of feldspar & minor phenocrysts & hornblende. Contains plagioclase, biotite, quartz</p>									

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	55°	EAST			
376'	53°	EAST			
600'	52°	EAST			

NAME OF PROPERTY Lot 1 & 2 at Pool 410
 HOLE NO. BT #2 LENGTH 600 feet
 LOCATION L 45 400 S at 1300 E
 LATITUDE 50° 30' N & 120° 29' W DEPARTURE _____
 ELEVATION 4352 feet AZIMUTH East DIP 55°
 STARTED May 12, 1971 FINISHED May 19, 1971

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL					
343	390'	(CONTINUED) orthoclase with epidote, hornblende & sphene. Composites of percentages is similar to above. Partly iron oxidation (rusty color) on the faces of fractures & joints. K-feldspar crystals of feldspar ranging from 1/8" to 1/2" in length. Possibly alkali feldspar. Thin carbonate veins filling in the fractures & fractures with clay. Spicular hematite is rarely noted within the granite host, and also needles of calcite crystals are apparent on joints. Well fractured core spacing 1/4" to 3" apart. Minor disse pyrite with cube crystals occurs within the granite host.										
390'	579'	Massive biotite granite. white & white gray to milky white. Medium to coarse grained. Consist of plagioclase, Qtz (20%) biotite (15-20%) orthoclase with minor epidote & hornblende. Massive & partly schistified. Patches of reddish brown iron staining are scattered on in the rock between 492 feet to 500 feet. Diameter of stained spots are approximately 1/8 inches. Minor disse. pyrite is observed on the faces of fractures & within granite (4-10 grains in a foot). Paragonite, specularite & minor calcite. NOTE well fractured & broken core is apparent between 415' and 420' weakly kaolinitized & fill in carbonate veins within the fracture zone. Spacing of fractures 4 to 8 inches apart. Partly show minor muscovite & chlorite in host rock.										

EM. 6-1168

LANGRIDGE LIMITED,

NAME OF PROPERTY LAC LE JEUNE AREA PRUL 410
 HOLE NO. BJ #2 LENGTH 604 feet
 LOCATION L 45 + 33 S at 13100E
 LATITUDE 50°30'N & 120°29'W DEPARTURE _____
 ELEVATION 4350 feet AZIMUTH EAST DIP 55°
 STARTED May 12, 1971 FINISHED May 19, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	55°	EAST			
374'	53°	"			
600'	52°	"			

HOLE NO. BJ #2 SHEET NO. 2-5

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM	FOOTAGE TO	FOOTAGE TOTAL	%	%	OZ/TON	OZ/TON
579'	585'	Weakly altered Gneiss-diorite white to milky white, medium to coarse grained. Altered to K-feldspar fel from feldspar. Slightly kaolinized along the fractures associated with minor muscovite. Obviously fine banded core & partly massive. Containing plagioclase. Qtz (15-20%) Biotite (10-18%), orthoclase with epidote & minor hornblende (less than 5%). Hornblende reaching show up on the surface of core and joints. Partly feldspar core with white powder. A small amount of sericite is apparent on the faces of thin fractures. Pink potash feldspar is also recognized within the host rock.									
585'	604'	Massive Diorite gneiss-diorite white & light grey. Coarse grained. Massive & partly siliceous core. Containing plagioclase. Pink Qtz (8-18%) Biotite (15-20%) ortho & accessory epidote. Fine grained dark pyrite with cubes in core within the gneiss-diorite (2-5 grains in a foot). Minor muscovite is apparent along the joint & thin fractures. Iron oxidation is evident on the faces of fractures with rusty color. Also another thin carbonate veinlet filling in the joint at thin fractures.									
		End of Hole at 604 feet. DATE: May 19, 1971.									

ENL. 6-1158

LANSDRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE VEQUE AREA PROJ. 410
 HOLE NO. BT #2 LENGTH 600 feet
 LOCATION L 45-40.5 at 1300E
 LATITUDE 50° 30' N & 120° 19' W DEPARTURE _____
 ELEVATION 4350 feet AZIMUTH East DIP -55°
 STARTED May 12, 1971 FINISHED May 19, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	55°	EAST			
370'	53°	"			
600'	52°				

HOLE NO. BT #2 SHEET NO. 21

REMARKS _____

LOGGED BY C. L. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0'	65'	No Core TAKE SLUDGE SAMPLES (10' intervals)	BT -100		60'	70'	10'				
65'	128'	Overburden Glacial till, pebbles, gravels & boulders mainly consist of granitic & volcanic boulders & gravels.	-101		70'	80'	10'				
128'	170'	Weathered <u>Gran-diorite</u> white gray to milky white. medium to coarse grained weathered & decomposed with limonite staining. Highly broken core. Containing plagioclase (70-85%) quartz (15-25%) orthoclase (10-15%) Biotite (15-20%) with minor hornblende & epidote. Reddish brown limonite staining on fine surfaces and joints. Partly kaolinized with the well fractured zone. Minor sericite is apparent in part of the fracture. Minor disc. quartz occurs in small cubic in places	-102 -103 -104 -105 -106 -107 -108 -109 -110 -111		80' 90' 100' 110' 120' 130' 135' 140' 145' 150'	90' 100' 110' 120' 130' 135' 140' 145' 150' 155'	10' 10' 10' 10' 10' 5' 5' 5' 5' 5'				
170'	208'	Biotite rich <u>Gran-diorite</u> white gray to pale gray. medium grained, weakly weathered & broken core. Pinkish feldspar present in places. Containing plagioclase, orthoclase, biotite, Qtz, epidote with minor hornblende. Grains blue clay on the faces of fractures.	-112 -113 -114		155' 160' 165'	160' 165' 170'	5' 5' 5'				

EM. 6-1163

LANGRIDGE LIMITED CO.

DIAMOND DRILL RECORD

NAME OF PROPERTY Lake Le Jeune Area Prod. 410
 HOLE NO. B.T. # 3 LENGTH 653 feet
 LOCATION L 30 + 00N W 38 + 25E
 LATITUDE 50° 21' N DEPARTURE 120° 29' W
 ELEVATION 4466 feet AZIMUTH East DIP 75°
 STARTED May 27, 1921 FINISHED June 3, 1921

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	East			
725'	84°	East			

HOLE NO. 15 # 3 SHEET NO. 31
 REMARKS _____
 LOGGED BY C. L. Chis

FOOTAGE		DESCRIPTION	SAMPLES			ASSAYS					
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0'	10'	Overburden Gravel & pebbles									
10'	55'	Weathered Diabase Gneiss-diorite Light gray to white gray. Coarse grained. weathered & oxidized core Common staining on the surface of core & fractures. Consists of plagioclase (40-45%) quartz (20-25%) Biotite (15-20%) and mafic minerals (20-25%) with accessory apatite & chlorite. Slightly foliated with lineation of biotite. showing minor sericite & clay on the faces of fractures. Small amount of disc. pyrite occurs in fractures as also crystals.									
55'	72'	Weakly altered Gneiss-diorite Light gray to white gray. medium to coarse grained. highly broken core partly altered to kaolinite and sheared. Consists of plagioclase, quartz, biotite, chlorite with minor hornblende & chlorite. Slightly foliated rock. shows porphyroblitic alteration(?) includes apatite, carbonaceous chlorite with kaolinite powder in sheared places & fractures. Small amount of disc. pyrite occurs sporadic but not in fractures Commonly slightly carbonitized along the fractures & joints.									
72'	92'	Diabase Gneiss-diorite white & light gray. medium to coarse grained. well fractured & broken core. Epigonalitic texture									

EM. 6-1168

LANGRIDGE LIMITED.

DIAMOND DRILL RECORD

NAME OF PROPERTY Los Le Terras Area, Parcel 410
 HOLE NO. BT #3 LENGTH 157 feet
 LOCATION L 30 + 00 N at 30 + 25 E
 LATITUDE 30° 31' 3" DEPARTURE 120° 24' 0"
 ELEVATION 2460 feet AZIMUTH EAST DIP 45°
 STARTED May 27, 1971 FINISHED June 3, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	45°	EAST			
325'	45°	EAST			

HOLE NO. BT #3 SHEET NO. 3-2

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
72'	92'	(CONTINUE) Consists of phyllic, quartz, biotite, chlorite with muscovite & hornblende. Light green chlorite in the fractures & joints. Commonly altered to epidote, weakly kaolinitized in the areas of fractures & joints. In associated with carbonate filling. Some calcification along the fractures & joints.	BT								
			-200		115'	120'	5'				
			-201		120'	125'	"				
			-202		125'	130'	"				
			-203		130'	135'	"				
92'	95'	Pink Quartz veins Pink to dark pink color, fine grained and massive, recrystallized quartz, well developed fractures. Containing mainly quartz & minor mafic minerals. Very small cubic crystals of pyrite occur in Pink Vein.	-204		135'	140'	"				
			-205		140'	145'	"				
			-206		145'	150'	"				
			-207		150'	155'	"				
			-208		155'	160'	"				
95'	137'	White Granodiorite White & milky white. Coarse grained. Slightly foliated. Well fractured & broken core. Well kaolinitized with fractures with clay & minor muscovite. Consist of phyllic, biotite, chlorite (see 207), epidote, with minor hornblende. (<207) & accessory epidote. Pink phosphate fillings are apparent throughout. Light yellowish green staining in the streaks. Leaching of iron is noted between 133' and 136'.	-209		160'	165'	"				
			-210		165'	170'	"				
			-211		170'	175'	"				
			-212		175'	180'	"				
			-213		180'	185'	"				
			-214		185'	190'	"				
			-215		190'	195'	"				

DIAMOND DRILL RECORD

NAME OF PROPERTY LAC LE JEUNE AREA Prof. 410
 HOLE NO. BT #4 LENGTH 653 feet
 LOCATION L 3000 N at 38 + 25 E
 LATITUDE 50° 31' N DEPARTURE 170° 29' W
 ELEVATION 4460 feet AZIMUTH East DIP 25°
 STARTED May 27, 1941 FINISHED June 3, 1941

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	25°	East			
300'	25°	East			

HOLE NO. BT #5 SHEET NO. 3-3

REMARKS _____

LOGGED BY C. I. Chai

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO					TOTAL
137'	233'	Sheared Britle Greenstone White gray to light green, medium to coarse grained, sheared & highly broken core. High alteration with clay, epidote, sericite & light green phlogopite. Soft & friable core with sheared zone at 137' & 140', 159' & 161', 180' & 182' and 192' & 194'. Partly fractured with white powder. Partly foliated rock. Contains biotite in elongated in foliation. Consists of pink quartz, white phlogopite, calcite & minor hornblende. Epidote & minor sericite are noted in the core. Fine grained pyrite with cubes & irregularly disseminated within the quartz host and other fractures.	BT -216		195'	200'	5'				
			-217		200'	205'					
			-218		205'	210'					
			-219		210'	215'					
			-220		215'	220'					
			-221		220'	225'					
			-222		225'	230'					
			-223		230'	235'					
			-224		235'	240'					
233'	242'	Massive Greenstone White gray & light gray. Coarse grained, non-foliated, massive core. Epigenetic texture. Consists of phlogopite, quartz (20-25%), biotite (10-15%), calcite (10-15%) with minor hornblende. Iron staining along the thin fractures. Weakly fractured & carbonized with thin fractures & joints. Slightly sheared & soft core shows at 237' & 238'.	-225		240'	245'					
			-226		245'	250'					
			-227		250'	255'					
			-228		255'	260'					
			-229		260'	265'					
242'	272'	Sheared & broken Greenstone White gray to milky white, medium to coarse grained. Slightly foliated rock. Slightly sheared & broken core. High alteration with clay, epidote, sericite and light green phlogopite in sheared zone.	-230		265'	270'					

EM. 5-1168

LANGRIDGE LIMITED.

MOND DRILL RECORD

OF PROPERTY LAC LE SEUR AREA Plot 410
 HOLE NO. BT 43 LENGTH 653'
 LOCATION L 3000 N at 28 + 25E
 LATITUDE 57° 21' N DEPARTURE 120° 29' W
 ELEVATION 2460' AZIMUTH East DIP 25°
 STARTED May 27, 1971 FINISHED June 3, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	45°	East			
325'	43°	East			

HOLE NO. BT 43 SHEET NO. 34

REMARKS _____

LOGGED BY C. I. Ch...

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO				
272'	272'	(CONTINUE)							
		Continuing phyllosilicates, quartz (15-20%) biotite (15-20%) & orthoclase with accessory apatite & allanite.	BT -231	270'	275'	5.8'			
		Diss. pyrite with cubes in evenly observed on the shear plane. Size of pyrite ranging from 1/8" - 1/4" in diameter.	-232	275'	280'	"			
272'	304'	Massive Green diorite	-233	280'	285'	"			
		Coarse grained, Equigranular texture, well fractured with spacing 2 inches to 1 foot apart. Partly weak foliated. Pink quartz veins is noted at the depth of 281 feet with 2 inches width, slightly spotted in places, recognizable pinkish foliation.	-234	285'	290'	"			
		Disseminated granular pyrite occurs commonly in fractures with cubic crystals also and minor amounts within the quartz host.	-235	290'	295'	"			
		Slightly leached at 285 feet with light green clay. Non-Contacted zone.	-236	295'	300'	"			
			-237	300'	305'	"			
			-238	305'	310'	"			
			-239	310'	315'	"			
			-240	315'	320'	"			
304'	336'	Highly leached Green diorite	-241	320'	325'	"			
		white to grayish green or light green. Coarse grained, slightly foliated Rock. Very soft & friable zone.	-242	325'	330'	"			
		fragile alteration with clay, apatite, allanite, minor quartz and light green phyllosilicates. Essentially composed of phyllosilicates, biotite, quartz and orthoclase. Altered to kaolinite from feldspar.	-243	330'	335'	"			
			-244	335'	340'	"			
		Disseminated pyrite occurs with on shear planes as cubic crystals.	-245	340'	345'	"			

EM. 6-1168

LANGRIDGE LIMITED.

OND DRILL RECORD

PROPERTY LAC LE JONNE AREA PROJ. 410
R.T. # 3 LENGTH 653 feet
to 30+00 ft. at 30' + 25'
50° 21' 16" DEPARTURE 120' 29' 16"
44.60 feet AZIMUTH EAST DIP 45°
 DATED May 27, 1971 FINISHED June 3, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	45°	EAST			
325'	43°				

HOLE NO. R.T. # 3 SHEET NO. 3-5
 REMARKS _____
 LOGGED BY C. L. Ch...

EM. 6-1168

LANGRIDGE LIMITED.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	FOOTAGE			%	%	OZ/TON	OZ/TON	
				SULPHIDES	FROM	TO					TOTAL
326'	400'	Massive coarse-grained white to pink white, coarse grained, slight foliation. Megacrysts of feldspar are apparent in core (size 1/8" to 1/2 inch in length) also fine quartz are observed. Accessory apatite and epidote are shown within the rock. Slightly kaolinitized in fractures and light grayish green clay. Trace of rutile is present. Soft fragments are visible at 326' to 330' and 333' to 337'. Very small amount of pyrite is encountered on the faces of fractures.	BT -246		345'	350'	5'				
			-247		350'	355'	"				
			-248		355'	360'	"				
			-249		360'	365'	"				
			-250		365'	370'	"				
			-251		370'	375'	"				
400'	408'	Foliated white coarse-grained white to milky white, coarse grained, intense foliation. Accessory rutile. Contains abundant rutile along the foliation. Copper, arsenic & pyrite. Moderately kaolinitized along the foliation and the fractures or joints. Partly fine-grained. Megacrysts of feldspar are shown ranging 1/8" to 1/8 inch in length in places also epidote is apparent within the rock.	-252		375'	380'	"				
			-253		380'	385'	"				
			-254		385'	390'	"				
			-255		390'	395'	"				
			-256		395'	400'	"				
408'	439'	Massive coarse-grained white to milky white, coarse grained, slightly foliated, non-carbon- atized. Megacrysts of feldspar are shown ranging 1/8" - 1/8 inches in length, abundant in epidote & chlorite. Small dark pyrite occurs on the faces of joints and fractures.	-257		400'	405'	"				
			-258		405'	410'	"				
			-259		410'	415'	"				
			-260		415'	420'	"				

DIAMOND DRILL RECORD

PROPERTY Lot Le Tourne Area, Prec. 410
 NO. B.T. #3 LENGTH 652 feet
 LOCATION L 3000N at 38+25E
 LATITUDE 56° 31' N DEPARTURE 120° 24' W
 ELEVATION 2460 ft AZIMUTH East DIP 45°
 STARTED May 27, 1971 FINISHED June 2, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	45°	East			
325'	43°	East			

HOLE NO. B.T. #3 SHEET NO. 3-6

REMARKS _____

LOGGED BY C. L. Chai

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
408'	439'	(Continue) Containing plagioclase, quartz, biotite, actinolite & minor hornblende. Partly kaolinitized with quartz grain clay. Contact with Old vein between 437 ft and 439 ft.	B.T. -261		420'	425'	5 ft				
			-262		425'	430'	"				
439'	445'	Granite Gneiss. Massive & compact, well fractured, crystallized pink quartz. Consists of mainly quartz with minor mafic minerals. Biotite crystals occur within quartz veins and in fractures with calcite crystals (size 1/8" to 1/4" in diameter)	-263		430'	435'	"				
			-264		435'	440'	"				
			-265		440'	445'	"				
			-266		445'	450'	"				
445'	467'	Slightly altered granite-gneiss. White gray to grayish pink, coarse grained, slightly foliated well fractured core. Megacrysts of feldspar are apparent in the rock ranging from 1/8" to 1.2" in length. Pink plagioclase feldspar observed at 448 ft. Noticeable iron staining (reddish brown) is shown at 456 ft to 458 ft. No carbonatized core. Soft & washed core is apparent at 455 ft to 460 ft with moderately kaolinitization.	-267		450'	455'	"				
			-268		455'	460'	"				
			-269		460'	465'	"				
			-270		465'	470'	"				
			-271		470'	475'	"				
			-272		475'	480'	"				
467'	510'	Massive Granite-gneiss. White & grayish white, coarse grained, slightly foliated in places. Large megacrysts of feldspar are rarely apparent in the core ranging from 1/8" to 1.5" in length.	-273		480'	485'	"				
			-274		485'	490'	"				
			-275		490'	495'	"				

EM. 6-1168

LANGRIDGE LIMITED.

MOND DRILL RECORD

PROPERTY L 40 LE TOWN AREA P20,910
 NO. BT # 3 LENGTH 650 feet
 LOCATION L 30+00' at 30+25 F
 ELEVATION 50' 31" N DEPARTURE 122' 29" W
 ELEVATION 40 to 45' AZIMUTH East DIP 25°
 STARTED May 27 1971 FINISHED June 3 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	25°	EAST			
325'	25°	EAST			

HOLE NO. BT # 3 SHEET NO. 3-7
 REMARKS _____
 LOGGED BY C. I. Chi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
467'	570'	<p>(Continue)</p> <p>Consists of phyllic (30-40%) quartz (15-20%) biotite (12-18%) sulfides (15-18%) with secondary apatite.</p> <p>Partly leached in the thin joints & fractures with white clay. Small amount of disc 17-20 occurs within the quartz vein.</p> <p>* CHEMICAL TEST for arsenic foliages in core at 498th & 503th. Composition of arsenic foliages is composed of metal approximately 15% - 20% in core. (by K. Schreyer)</p>	BT								
			-276		495'	500'	5'				
			-277		500'	505'	5'				
			-278		505'	510'	5'				
			-279		510'	515'	5'				
			-280		515'	520'	5'				
			-281		520'	525'	5'				
510'	522'	<p>Sheared Gneiss-diorite</p> <p>White gray to light greenish green, medium to coarse grained slightly foliated, slightly sheared, soft & friable core.</p> <p>Biogenic alteration with clay, apatite, chlorite, minor muscovite & light green phlogopite. Slightly leached with light green clay. Small amount of pyrite occurs on the faces of the joints & shear planes.</p>									
			-282		525'	530'	5'				
			-283		530'	535'	5'				
			-284		535'	540'	5'				
			-285		540'	545'	5'				
			-286		545'	550'	5'				
522'	593'	<p>Massive Gneiss-diorite</p> <p>White to milky white, medium to coarse grained megacrystic or foliages are present ranging from 1/8" x 1" in length. Partly weak sheared between 555th and 557th. Abundant iron staining on the thin joints and fractures between 551th and 556th. Specularite is rarely observed in the core. Slightly foliated core in places.</p>									
			-287		550'	555'	5'				
			-288		555'	560'	5'				
			-289		560'	565'	5'				
			-290		565'	570'	5'				

EM, 6-1168

LANGRIDGE LIMITED.

MOND DRILL RECORD

PROPERTY LAC LE JEUNE AREA PROV. 412
 HOLE NO. D.T. #3 LENGTH 153 feet
 LOCATION 13000 N at 300 + 25 E
 LATITUDE 50° 31' N DEPARTURE 120° 25' W
 ELEVATION 4460 ft AZIMUTH East DIP 45°
 STARTED May 27, 1931 FINISHED June 3, 1931

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	45°	EAST			
325'	47°	EAST			

HOLE NO. D.T. #3 SHEET NO. 3-f
 REMARKS _____
 LOGGED BY G. I. Chis

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO					TOTAL
522'	545'	(Continue) Fracture zoning in 6" to 8" joints Weakly schistose along the joints or fractures associated with pyrite spots present at 522' to 523'. Weakly schistose core from 567' to 570'.	291		570'	575'	5'				
		Five grains of pyrite occur in fractures or joints with cubic crystals.	292		575'	580'	"				
			293		570'	585'	"				
545'	610'	Slightly altered coarse-grained milky white to grayish pink. Coarse grained partly foliated con. large-scale of foliation are apparent with outcrop dipping down 1/4" to 1/2" in length. Coarse grained pink alteration. Probably the reddest pinkish foliation. Slightly fractured throughout the core. Light green chlorite is present in the fracture & shaly planes. Reddish brown iron staining on the surfaces of conc. joints & shaly fractures. Thinned carbonaceous material filling in the shaly fractures. Five grains of pyrite are observed within the host rock with cubic crystals.	294		585'	590'	"				
			295		590'	595'	"				
			296		595'	600'	"				
			297		600'	605'	"				
			298		605'	610'	"				
			299		610'	615'	"				
			300		615'	620'	"				
			301		620'	625'	"				
			302		625'	630'	"				
			303		630'	635'	"				
			304		635'	640'	"				
610'	653'	Massive coarse-grained milky white to white gray. Coarse grained. Equigranular texture. Consists of chlorite, quartz, biotite & orthoclase with minor inclusions. Composition of parent is similar to above core.	305		640'	645'	"				

EM. 6-1168

LANGRIDGE LIMITED.

MOND DRILL RECORD

OF PROPERTY L.A. 10 SECURE AREA P2W. 410
 NO. PJ # 3 LENGTH 653 feet
 LOCATION L 20+00 N At 38+25 E
 LATITUDE 57° 31' N DEPARTURE 120° 28' W
 ELEVATION 4460 ft AZIMUTH EAST DIP 25°
 STARTED May 27, 1971 FINISHED June 3, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	45°	East			
325'	62°	East			

HOLE NO. _____ SHEET NO. 3-9
 REMARKS _____
 LOGGED BY C. I. Chap

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
610'	653'	(Continue) Slightly kaolinized along the joints & fractures. Fracture spacing 2-3 inches apart. Reddish brown iron rust on the faces of fractures in places. Few grains of pyrite are observed in joints or fractures, and small patches of pyrite occur in the fractures at 636 feet. (Size 1/8 inches in length) End of hole at 653 feet. Cave in hole.	85							
			-306		645'	650'	5'			
			-307		650'	653'	"			

EM. 6-1168

LANGRIDGE LIMITED.

DIAMOND DRILL RECORD

CANADIAN JOHNS - MANVILLE CO. LTD.

NAME OF PROPERTY Lac La Poudre Area Proj. 410
 HOLE NO. P.T. # 4 LENGTH 645 feet
 LOCATION L 4000W P 200S
 LATITUDE 50° 31' N DEPARTURE 12° 3' W
 ELEVATION 4570 ft AZIMUTH S 20° E DIP 75°
 STARTED June 1st, 1971 FINISHED June 18th, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	S 20° E			
300'	74°	S 20° E			
645'	64°	S 20° E			

HOLE NO. 5779 SHEET NO. 2-1
 REMARKS _____
 LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FROM	TO	TOTAL	%	%	OZ/TON	OZ/TON
0'	14'	Overburden Altered greenish granite.	P.T. -311		205'	210'	5'				
14'	50'	weathered chlorite schist. Dark grey to pale green, fine grained & granitic matrix highly broken & weathered core, rusty iron staining on the schistosity planes & fractures, partly altered to chlorite & epidote. phyllitic texture partly well developed fissility. Carbonaceous along the fractures & schistosity planes, exhibit phreatic & epithermal size 1/16" - 1/8" in length. Some schistosity planes show small amounts of quartz.	-312 -313 -314 -315 -316 -317		210' 215' 245' 280' 285' 420'	215' 220' 250' 285' 260' 425'	5' 5' 5' 5' 5' 5'				
50'	61'	Altered granitic gneiss light greyish green to pale green, fine to granitic matrix. matrix slightly foliated; interbedded with biotite schist between 54 feet and 57 feet; partly epidotized & chloritized. Containing phenocrysts of pyroxene and chlorite. The schistosity planes, joints & microfractures, is slightly carbonated.	-318 -319 -320 -321		425' 430' 455' 460'	430' 435' 460' 465'	5' 5' 5' 5'				
61'	80'	Speciated biotite schist. pale green to bluish green, fine grained & partly granitic matrix, well developed fissility, phyllitic texture highly broken & partly sheared core.	-322		465'	470'	5'				

Rept. 21/262

EM. 6-1162

LANGRIDGE LIMITED.

MINERAL DATA REPORT

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE SCOUR MEER
 HOLE NO. BT #4 LENGTH 645 ft.
 LOCATION L 4700W at 8200S
 LATITUDE 50° 31' N 120° 30' W DEPARTURE _____
 ELEVATION 2520' AZIMUTH 520° E DIP 75°
 STARTED June 6, 1951 FINISHED June 19, 1951

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	520° E			
300'	75°	520° E			
630'	64°	520° E			

HOLE NO. BT #4 SHEET NO. 4-1

REMARKS _____

LOGGED BY C. J. Chi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
84'	110'	<p>Carbonate fill in the fractures & schistosity planes. Calcite veinlets cut the schistosity at ranging from 1/16" - 1/8" wide. Also in chlorite & minor apatite. Minor pyrite with cubes occurs in schistosity planes & fractures. Biotite - chlorite schist.</p> <p>Dark green to grayish green, aphanitic matrix, partly phyllic fractures. Also in apatite & chlorite. Shiny narrow spread fibrous. Recognized subhedral prisms of pyroxene. Carbon & calcite veinlets filling in the schistosity planes & fractures.</p> <p>NOTE: <u>Two grains of chloropyrite</u> (1/10" diameter) are observed in the thin fractures associated with chlorite at the depth of 108 feet. Also containing some pyrite with cubes in the epidotized schist.</p>	BT -323		620'	625'	5'				
			-324		625'	630'	5'				
			-325		630'	635'	5'				
			-326		635'	640'	5'				
			-327		640'	645'	5'				
110'	170'	<p>Foliated porphyritic granodiorite</p> <p>Light yellowish green, fine to coarse grained Pseudomorph granitic texture. Large phenocrysts of feldspar are abundantly shown, ranging from 1/16" - 1/8" in length. Carbon in fractures & foliation planes. Highly epidotized at depth of 130 feet to 150 feet, partly composed of subhedral pyroxene and plagioclase of hornblende locally shown between 120' and 125', 125' and 130'. Disseminated pyrite is scarcely found in the epidotized host rock.</p>									

Report. B/C. 2/1/262

EM. G-1158

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE JEUNE AREA PROV. 410
 HOLE NO. BJ # 4 LENGTH 645 feet
 LOCATION L 4700W at P+005
 LATITUDE 50° 31' 21" E 120° 31' W DEPARTURE _____
 ELEVATION 4530 feet AZIMUTH S 20° E DIP 25°
 STARTED June 6th 1971 FINISHED June 14th 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	25°	S 20° E			
300'	23°	S 20° E			
630'	64°	S 20° E			

HOLE NO. BJ # 4 SHEET NO. 4-9

REMARKS _____

LOGGED BY C. I. Chai

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
243'	252'	(CONTINUE) Altered to chlorite & epidote & carbonated. Small disseminated pyrite is concentrated on its schistosity planes & thin fractures with carbon streaks. Partly epidotized.								
252'	317'	Foliated porphyritic Greenstone Dark brown to dark green, fine to coarse grained. Gneissic texture. Megacrysts of feldspar show as subhedral or euhedral. Also contains subhedral pyroxene approx. 1/8" in diameter. Interbedded with silty argillite from 272' to 275'; soft, friable and highly broken core. Partly bleached to oligoclase in foliation. Disseminated pyrite is rarely found with cubes on the faces of fractures associated with carbon streaks.								
317'	319'	Feldspar Greenstone Dark grey to greyish green fine to optically granular. Massive core. Abundant megacrysts of feldspar (avg. 1/8" in length) numerous calcite veins are noted in granular (1/8" to 1/4" wide). Altered to chlorite. Non-foliated. Sparse phenocrysts of hornblende with subhedral.								
319'	346'	Foliated pyroxene Greenstone. Pale green to dark green, fine to optically medium. Carbonated along the foliation planes & fractures.								

EM. 6-1168

LANGRIDGE LIMITED.

LOCATION L 7+00W at PPOCS
 LENGTH 605 feet
 LATITUDE 50° 31' 1/2" E 120° 11' W DEPARTURE _____
 ELEVATION 4530 feet AZIMUTH S 20° E DIP 75°
 STARTED June 6th 1971 FINISHED June 14th 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	S 20° E			
300'	73°	S 20° E			
631'	64°	S 20° E			

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON
319'	346'	(CONTINUED) Shows the sub to subvent pyroxene (size 1/8" in length), chlorite. Abundant carbonate streaks filling in the thin fractures. Fine grained quartz with calcite is rarely observed along the foliation plane. Highly sheared zone with argillite alteration (?) between 327 feet and 329 feet. Numerous spaced carbon streaks ranging from 1/32" to 1/8" wide.							
375'	419'	Foliated porphyritic Gneiss. Light green to pale green, fine to coarse grained. Partly quartz & phyllitic texture. Megacrysts of feldspar are shown within the rock. Biotite concentration is aligned in the foliation. Rarely observed crystals of pyroxene & plagioclase & hornblende. Highly carbonated zone on the foliation planes and fractures. Calcite veins (average 1/8"-1/4" wide) cut the foliation. Containing accessory epidote & minor hornblende.							
419'	439'	Sheared biotite schist & argillite Highly sheared & broken core, grayish brown & grayish green, fine grained. Partly phyllitic & argillite texture. Interbedded with soft & friable argillite & siltstone. Well developed schistosity. Concentrated biotite is aligned along the schistosity. Slightly carbonated along the schistosity planes, fractures, & sheared planes.							

EM, 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LA PEPINE PROV. 410
 HOLE NO. B.T. #4 LENGTH 645 feet
 LOCATION L.A. #020 at 8900 S
 LATITUDE 57° 31' N & 120° 31' W DEPARTURE _____
 ELEVATION 4530 feet AZIMUTH S 20° E DIP 75°
 STARTED June 6th, 1971 FINISHED June 14, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	S 20° E			
300'	73°	S 20° E			
630'	64°	S 20° E			

HOLE NO. B.T. #4 SHEET NO. 4-6

REMARKS _____

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
419'	439'	(Continue) Carbon pyrite occurs in the fractures of sheared planes. Calcite veins cut the schistosity ranging from 1/8" to 1/4" in width.									
439'	458' 461'	Biotite chlorite schist. Light gray to dark gray, fine grained, phyllic texture, well developed fissility. Biotite is aligned along the schistosity. Well developed schistosity. Abundant carbonate veinlets filling in the schistosity planes & thin fractures. Laminated light gray to dark gray. Minor disseminated pyrite occurs on schistosity planes associated with carbon veinlets. Bluish green alteration on the strike side.									
462'	474'	Sheared silty schist. Dark gray to jet green, very fine grained. Slightly sheared & broken core. Partly soft, friable & silty core. argillitic structure (?) Altered to chlorite & epidote. Kyanite & carbonized in sheared plane with light green clay & biotite. Partly interbedded with biotite schist as in massive core. Carbonate veinlets on schistosity planes.									
474'	480'	Horufels (?) Dark gray to grayish brown, argillitic groundmass. Compact & massive core. Siliceous & slightly carbonized in a host rock. Minor disseminated pyrite occurs on the faces of fractures. Seams to be basaltic composition.									

EM. 6-1168

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE VEUNE AREA P. 410
 HOLE NO. BT # 4 LENGTH 645 feet.
 LOCATION L 400 W at P 00 S
 LATITUDE 56° 21' N 125° 36' W DEPARTURE _____
 ELEVATION 4520 feet AZIMUTH S 20° E DIP 75°
 STARTED June 1st, 1971 FINISHED July 14, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	S 20° E			
300'	73°	S 20° E			
630'	64°	S 20° E			

HOLE NO. BT # 4 SHEET NO. 4-7
 REMARKS _____
 LOGGED BY C. I. Chip

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
480'	607'	<p><u>Biotite - Chlorite schist.</u></p> <p>Dark gray to grayish brown fine grained to cryptocrystalline phyllitic texture. Well foliated & broken core. Partly epidotized. Interbedded with foliated pyroxene gneiss & argillitic rock with earthy texture. Foliated pyroxene transition between 585' and 594'. Biotitic rock between 594' and 599'. Well developed fissility. Carbonate veins cut the host rock as network types ranging from 1/2" to 1/8" in width. Partly recognized myophanocrysts of Amphibol. Biotite is aligned along the schistosity. Minor clastic pyrite is concentrated on the schistosity planes & thin fractures.</p>									
607'	610'	<p><u>Quartz diorite Dyke (?)</u></p> <p>White & grayish white, medium grained, leucocratic texture. Containing plagioclase (40%), orthoclase (5%), Qtz (20%), Biotite (8%). Almond greenish yellow, fissile core. Partly partly unshaded. Koolinized within narrow spaced fractures with white powder.</p>									
610'	617'	<p><u>Biotite - Chlorite schist.</u></p> <p>Light gray to dark green, very fine grained. Phyllitic texture well developed fissility. Rich biotite is aligned schistosity. Partly sheared & earthy texture. Minor carbon veinlets (1/16" wide) along the thin fractures. Yellowish green alteration on the faces of fractures. Altered to epidote & chlorite.</p>									

EM. 5-1163

LANGRIDGE LIMITED,

DIAMOND DRILL RECORD

CANADIAN JOHNS-MANVILLE CO. LTD.

NAME OF PROPERTY LAC LE JEUNE AREA PROJ. 410
 HOLE NO. B.T. # 4 LENGTH 645 feet.
 LOCATION L 46010 at 8000 S
 LATITUDE 50° 11' N 124° 30' W DEPARTURE _____
 ELEVATION 45 30 feet AZIMUTH S 20° E DIP 75°
 STARTED June 6th, 1971 FINISHED June 14, 1971

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	75°	S 20° E			
300'	73°	S 20° E			
630'	64°	S 20° E			

HOLE NO. B.T. # 4 SHEET NO. 4-8

REMARKS _____

LOGGED BY C. I. Choi

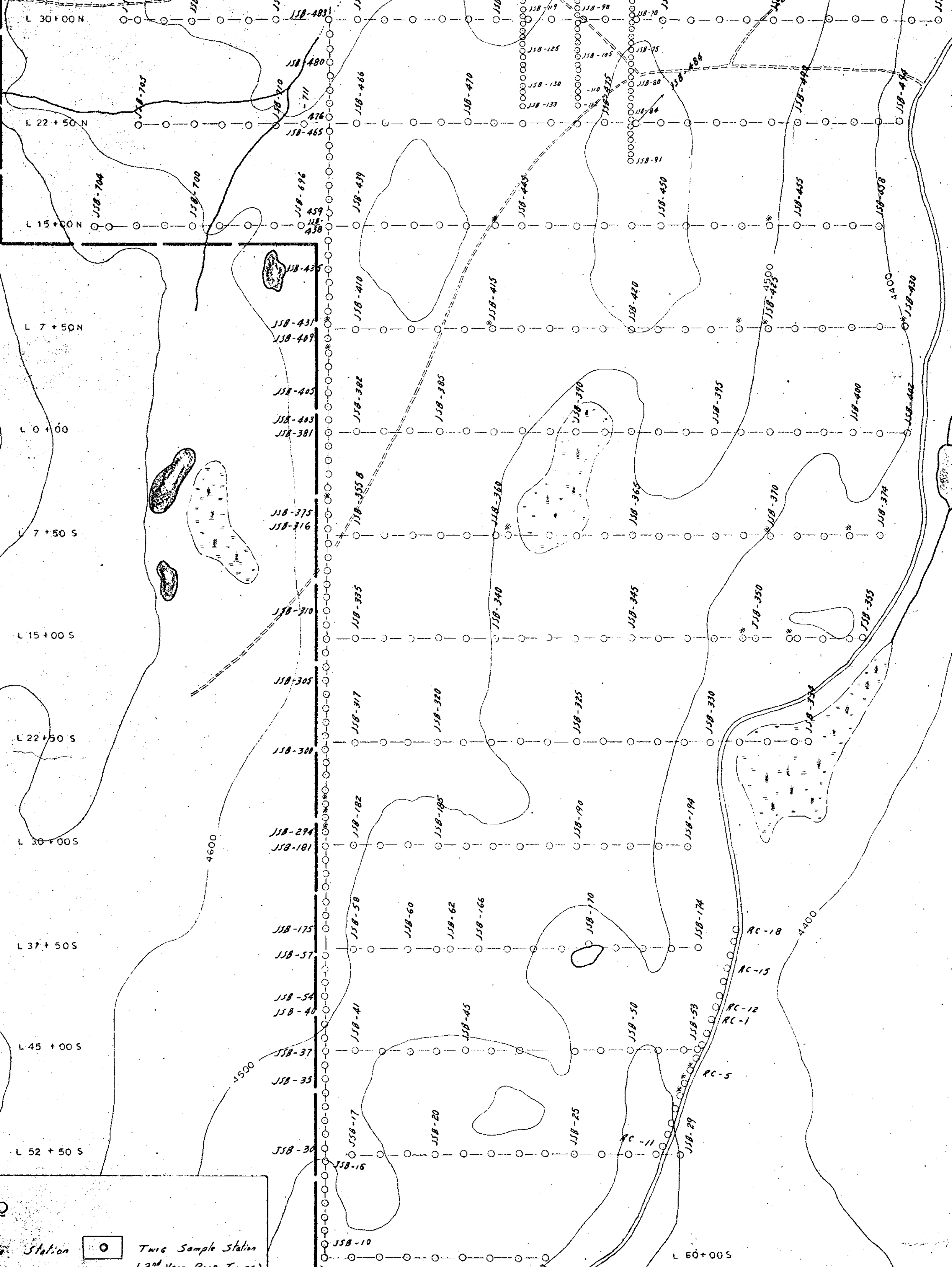
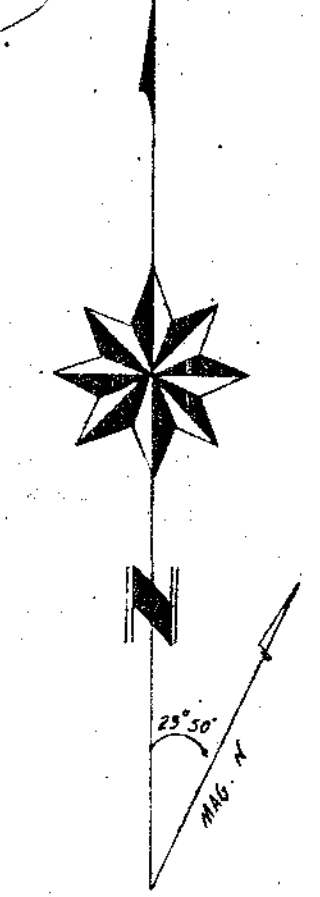
FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM	TO	TOTAL	%	%	OZ/TON	OZ/TON
617'	645'	<p>Leucocratic Granitic Rock (Qtz. diorit. Dyke?)</p> <p>White to light grey. medium grained. Leucocratic texture. One grain of metallic minerals is found probably to be magnetite (?) within the granitic host rock.</p> <p>Composed of Quartz (25%), plagioclase (35-40%), Biotite (7%), orthoclase (5-10%) with minor hornblende.</p> <p>Partly kaolinized with white powder along the joints and fractures.</p> <p>Disseminated pyrite with cubes occurs within the granitic host rock.</p> <p>Light green chlorite is shown on the faces of fractures & joints.</p> <p>Appear slight oxidation of mafic minerals in the granitic rock.</p>									
		<p>End of Hole at 645 feet.</p> <p>DATE June 14th, 1971</p>									

EM. 6-1168

LANGRIDGE LIMITED,

C. J. M. CLAIMS

STAKE LAKE



LEGEND

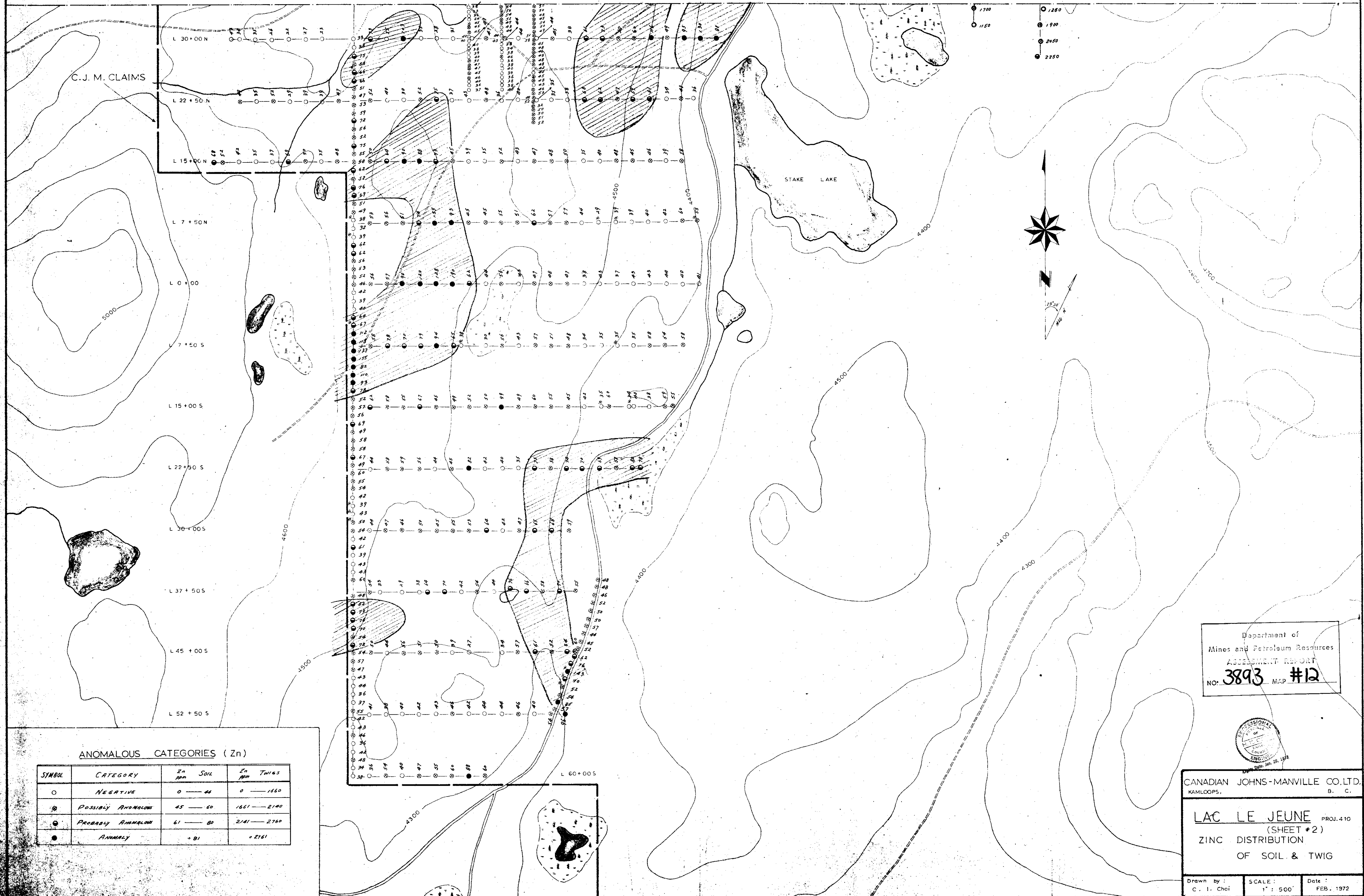
- Soil Sample Station
- Two Sample Station (2nd Year Pine Trees)
- Sampling Number
- Cassette Base Line
- Containing Organic Material (Partly or High)
- Swamp
- Creek
- Lake

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **3893** M.P. #4

CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJ. 410
(SHEET #2)
LOCATION MAP OF
TWIG & SOIL SAMPLES
KAMLOOPS MINING DIVISION B. C.

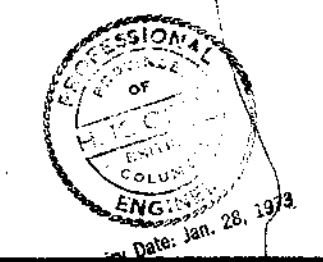
Drawn by: C. I. Choi SCALE: 1" = 500' Date: FEB 1972



ANOMALOUS CATEGORIES (Zn)

SYMBOL	CATEGORY	Zn ppm SOIL	Zn ppm TWIGS
○	NEGATIVE	0 — 44	0 — 1660
⊙	POSSIBLY ANOMALOUS	45 — 60	1661 — 2140
●	PROBABLY ANOMALOUS	61 — 80	2141 — 2760
●	ANOMALOUS	> 81	> 2761

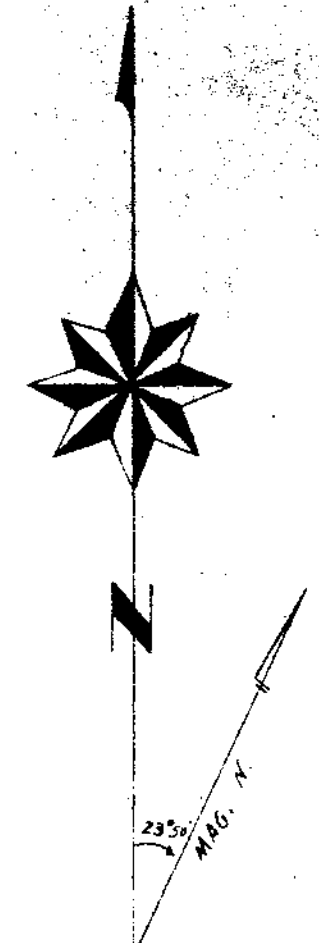
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3893 MAP #12



CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJ. 410
(SHEET #2)
ZINC DISTRIBUTION
OF SOIL & TWIG

Drawn by : C. I. Choi SCALE : 1" = 500' Date : FEB. 1972

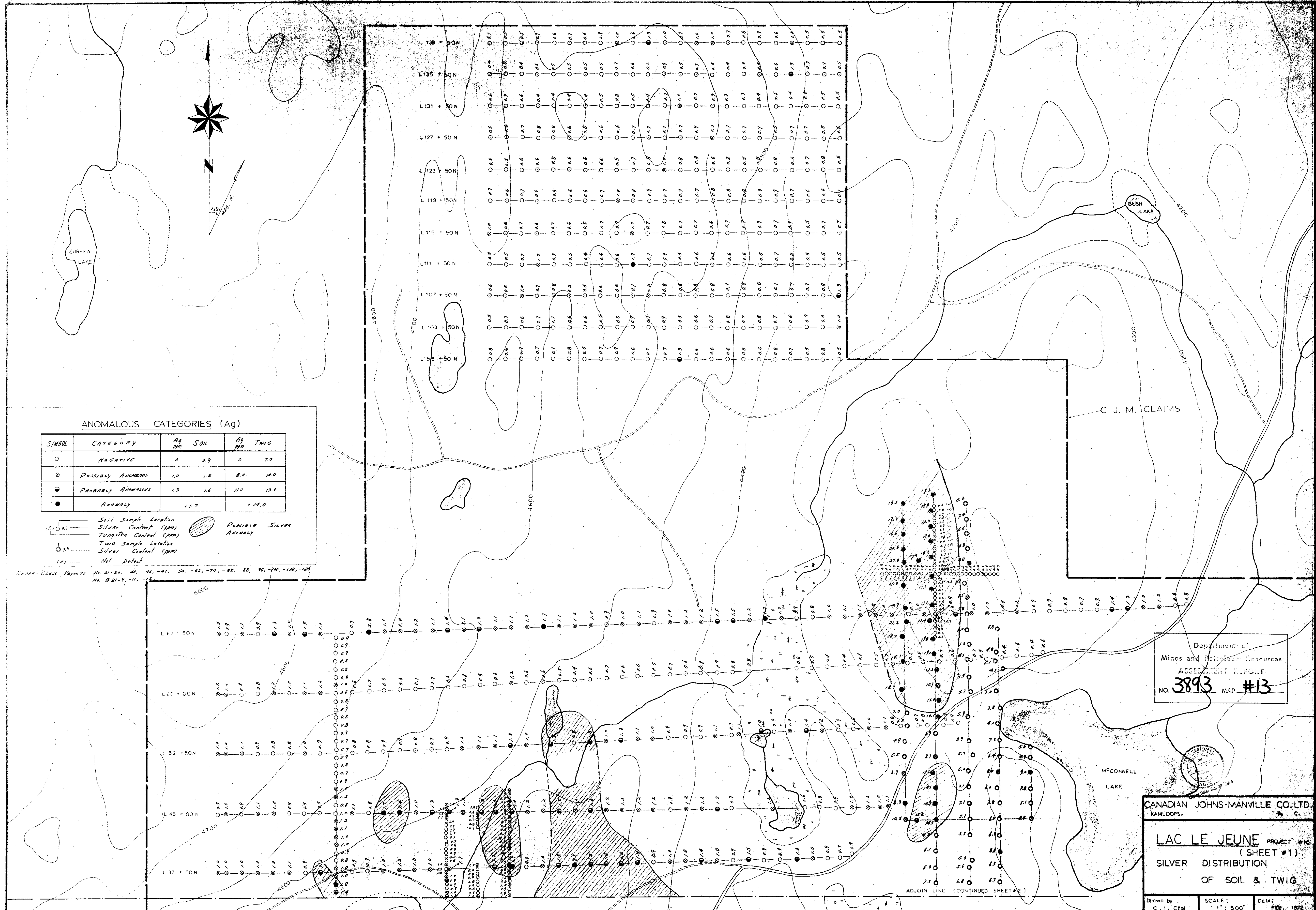


ANOMALOUS CATEGORIES (Ag)

SYMBOL	CATEGORY	Ag ppm SOIL	Ag ppm TWIG
○	NEGATIVE	0 0.9	0 7.0
⊙	POSSIBLY ANOMALOUS	1.0 1.2	8.0 14.0
●	PROBABLY ANOMALOUS	1.3 1.6	11.0 13.0
●	ANOMALY	+1.7	+14.0

- 0.88 Soil Sample Location
- 0.88 Silver Content (ppm)
- 0.88 Tungsten Content (ppm)
- 0.88 Twig Sample Location
- 0.88 Silver Content (ppm)
- 0.88 Not Defect
- Possible Silver Anomaly

Report Class Reports No. 21-23, -41, -46, -47, -54, -65, -74, -82, -88, -96, -100, -130, -159
No. B21-9, -11, -12



Department of
Mines and Technical Resources
ASSESSMENT REPORT
NO. 3893 MAP #13

CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B.C.

LAC LE JEUNE PROJECT #16
(SHEET #1)
SILVER DISTRIBUTION
OF SOIL & TWIG

Drawn by: C. I. Choi
SCALE: 1" = 500'
Date: FEB. 1979

ADJOIN LINE (CONTINUED SHEET #2)



EUREKA LAKE

BUSH LAKE

C. J. M. CLAIMS

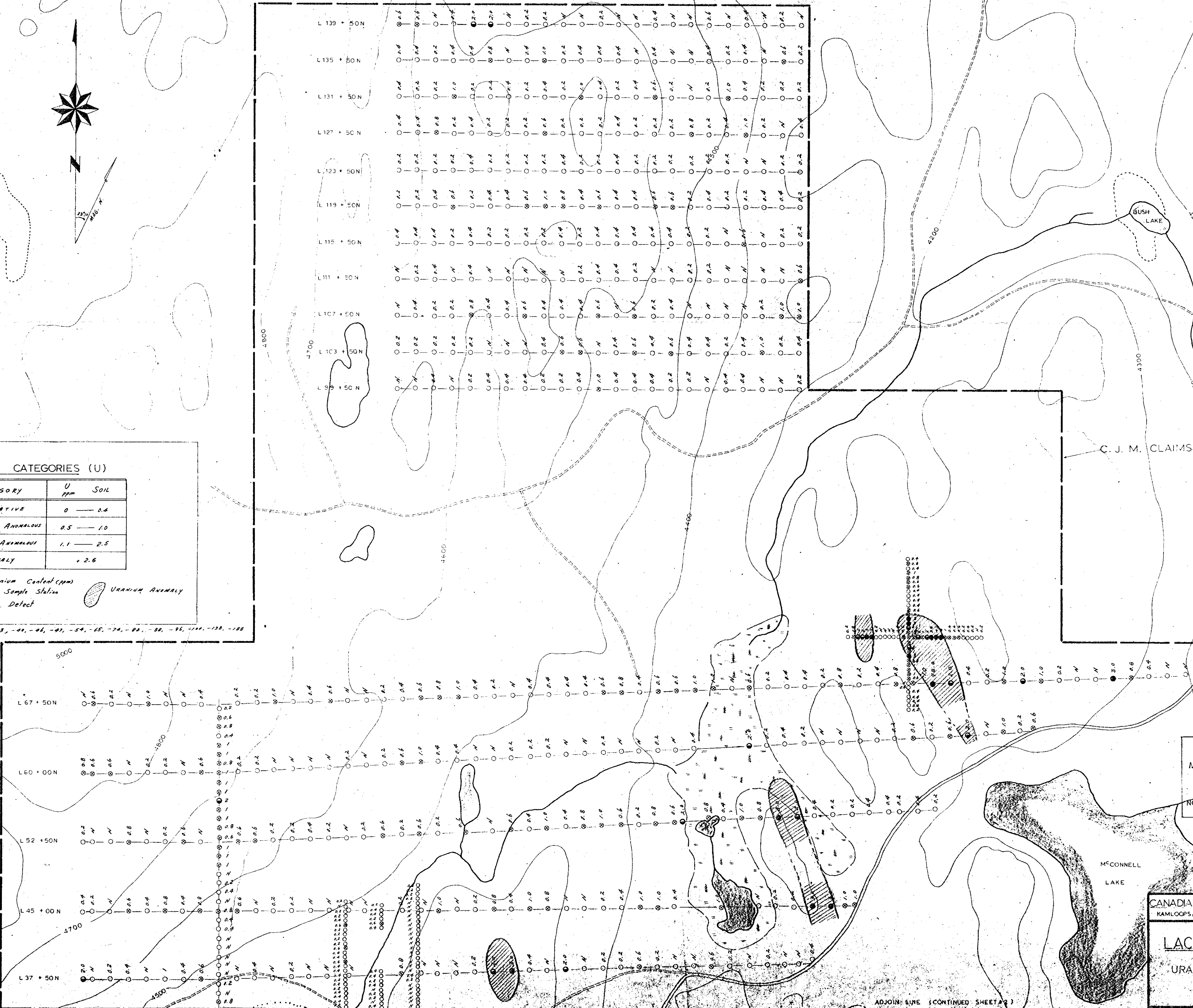
MCCONNELL LAKE

ANOMALOUS CATEGORIES (U)

SYMBOL	CATEGORY	U ppm	SOIL
○	NEGATIVE	0 — 0.4	
⊗	POSSIBLY ANOMALOUS	0.5 — 1.0	
●	PROBABLY ANOMALOUS	1.1 — 2.5	
●	ANOMALY	+ 2.6	

0.4 — Uranium Content (ppm)
 ○ — Soil Sample Station
 N — Not Detect
 Uranium Anomaly

BONDAR - CLARK Reports : No. 2, -23, -41, -46, -47, -54, -65, -74, -81, -82, -96, -111, -130, -188



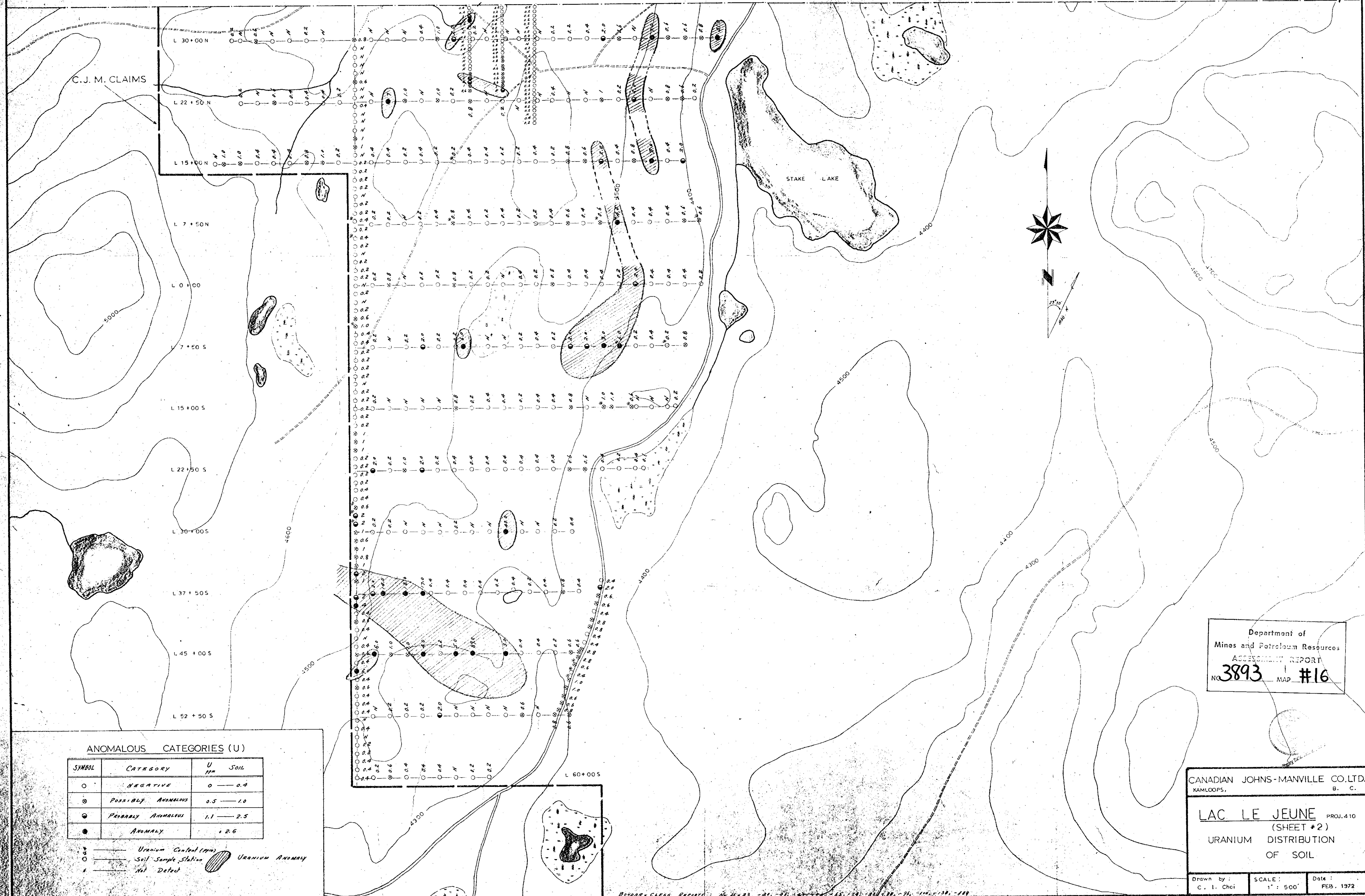
Department of
 Mines and Petroleum Resources
 ASSIGNMENT REPORT
 No. 3893 MAP #15

CANADIAN JOHNS-MANVILLE CO. LTD.
 HAMLBOYS, B. C.

LAC LE JEUNE PROJECT #10
 (SHEET #1)
 URANIUM DISTRIBUTION
 OF SOIL

Drawn by : C. L. Chol SCALE : 1" = 500' Date : FEB. 1972

ADJOINING SHEET (CONTINUED SHEET #2)



ANOMALOUS CATEGORIES (U)

SYMBOL	CATEGORY	U ppm SOIL
○	NEGATIVE	0 — 0.4
⊗	POSSIBLY ANOMALOUS	0.5 — 1.0
●	PROBABLY ANOMALOUS	1.1 — 2.5
⦿	ANOMALY	+ 2.6

Uranium Contd (mm)
 Soil Sample Station
 No Detect
 Uranium Anomaly

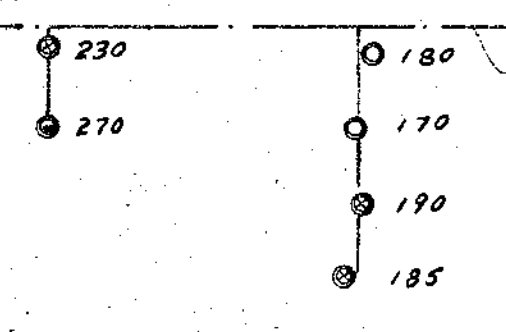
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3893 MAP #16

CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJ. 410
 (SHEET #2)
 URANIUM DISTRIBUTION
 OF SOIL

Drawn by: C. I. Choi
 SCALE: 1" = 500'
 Date: FEB. 1972

ADJOIN LINE (CONTINUED SHEET #1)



C. J. M. CLAIMS

L 30+00 N

L 22+50 N

L 15+00 N

L 7+50 N

L 0+00

L 7+50 S

L 15+00 S

L 22+50 S

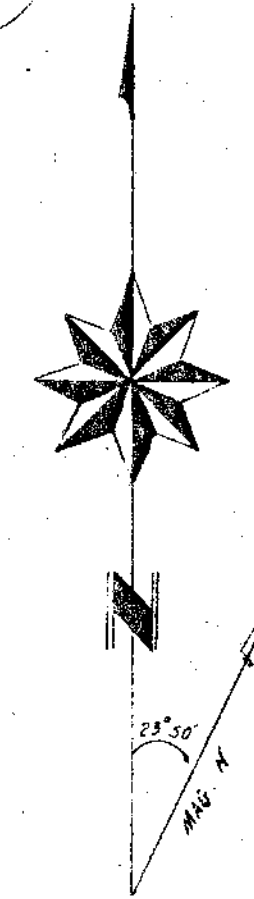
L 30+00 S

L 37+50 S

L 45+00 S

L 52+50 S

STAKE LAKE



ANOMALOUS CATEGORIES (Pb)

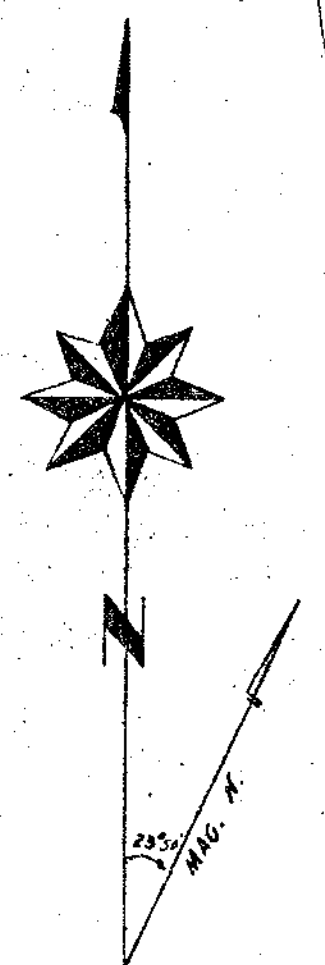
SYMBOL	CATEGORY	Pb ppm Soil	Pb ppm TWIGS
○	NEGATIVE	0 — 8	0 — 180
○	POSSIBLY ANOMALOUS	9 — 11	181 — 230
○	PROBABLY ANOMALOUS	12 — 15	231 — 270
○	ANOMALY	16	271

Department of
Mines and Technical Resources
ASSESSMENT DIVISION
NO. 3893 MAP #10

CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJ. 410
(SHEET #2)
LEAD DISTRIBUTION
OF SOIL & TWIG

Drawn by: C. I. Choi SCALE: 1" = 500' Date: FEB. 1972

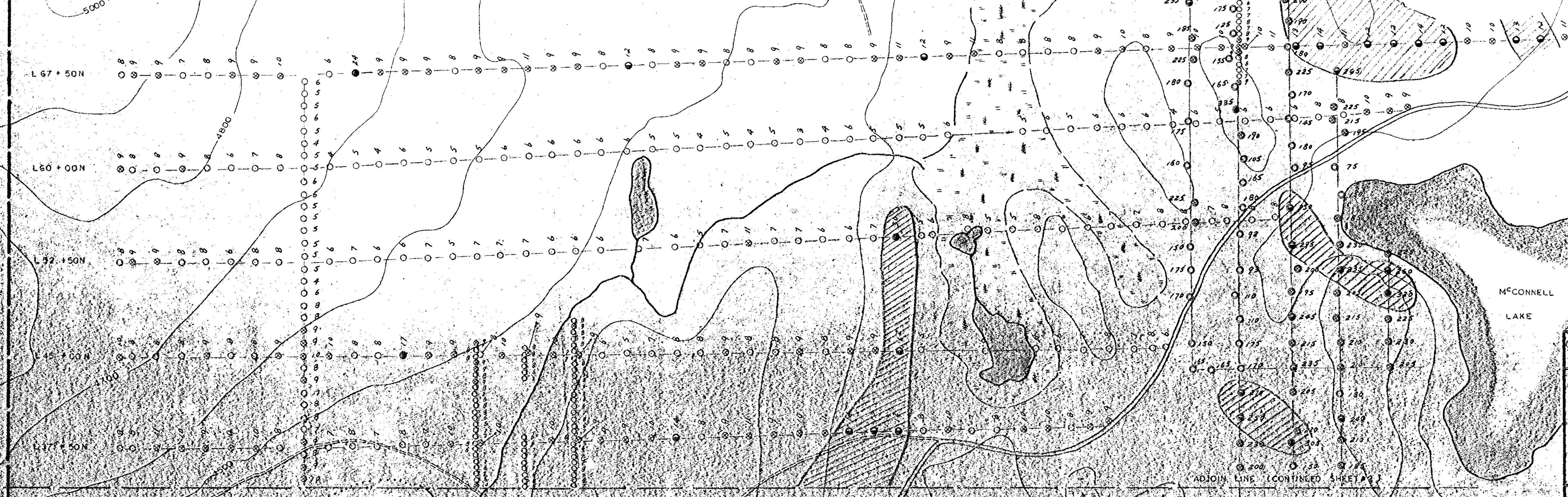
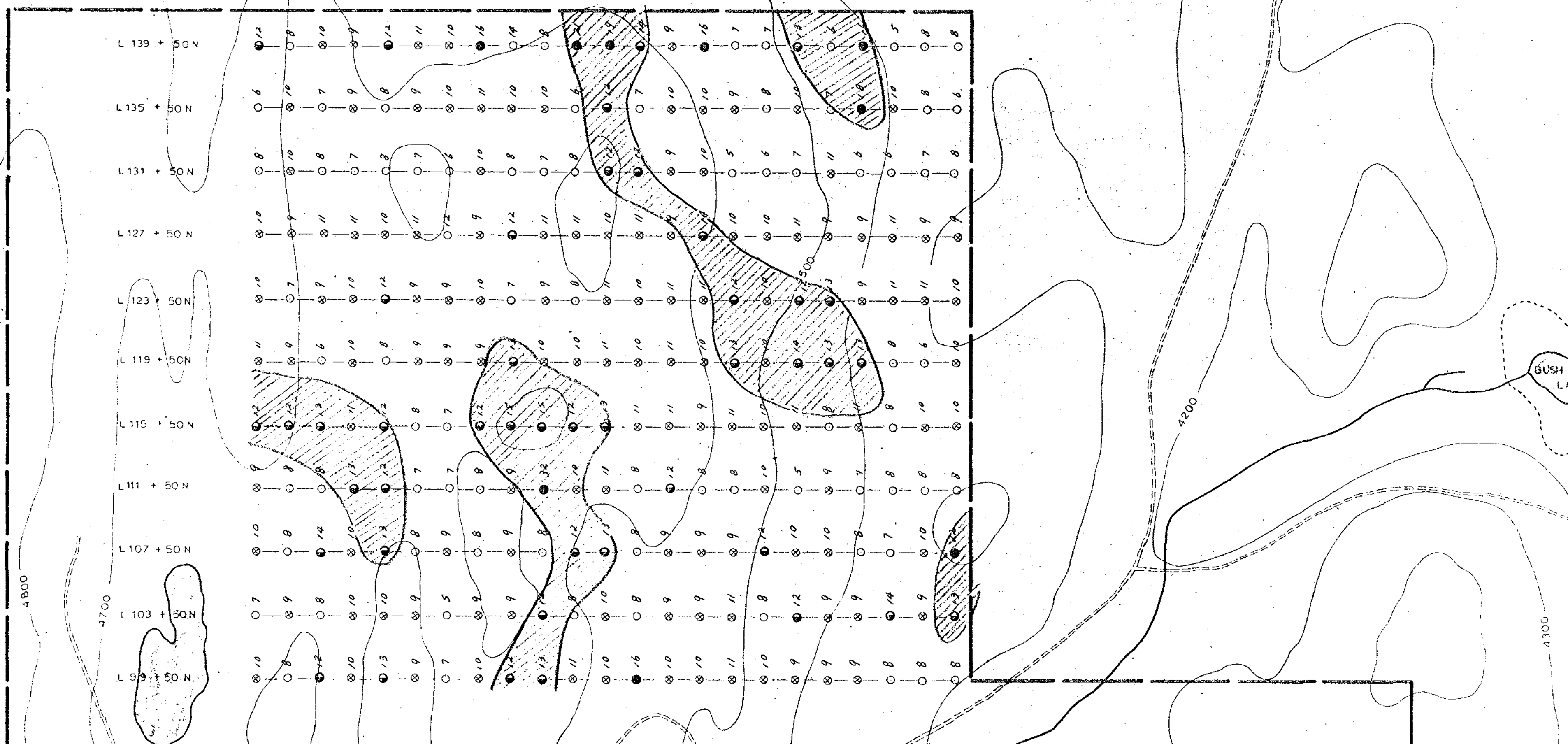


ANOMALOUS CATEGORIES (Pb)

SYMBOL	CATEGORY	Pb ppm Soil	Pb ppm Twigs
○	NEGATIVE	0 — 8	0 — 180
⊙	POSSIBLY ANOMALOUS	9 — 11	181 — 230
●	PROBABLY ANOMALOUS	12 — 15	231 — 298
●	ANOMALY	+16	+299

- LEAD ANOMALY
- Soil Sample Station
- Twig Sample Station

BORDER-CLOSE REPORTS: No. 21-23, -40, -45, -47, -54, -65, 74, -82, -84, -96, -101, -130, -138
 No. 82-9, -14, -18



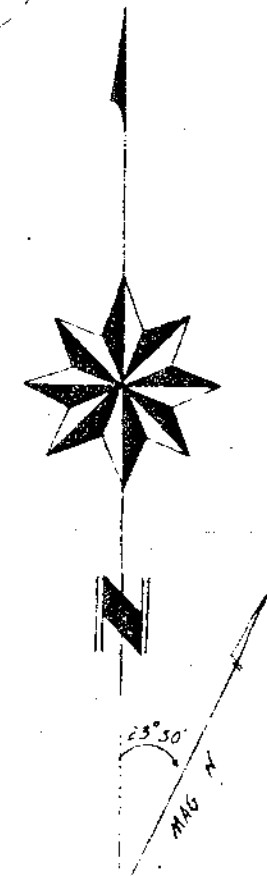
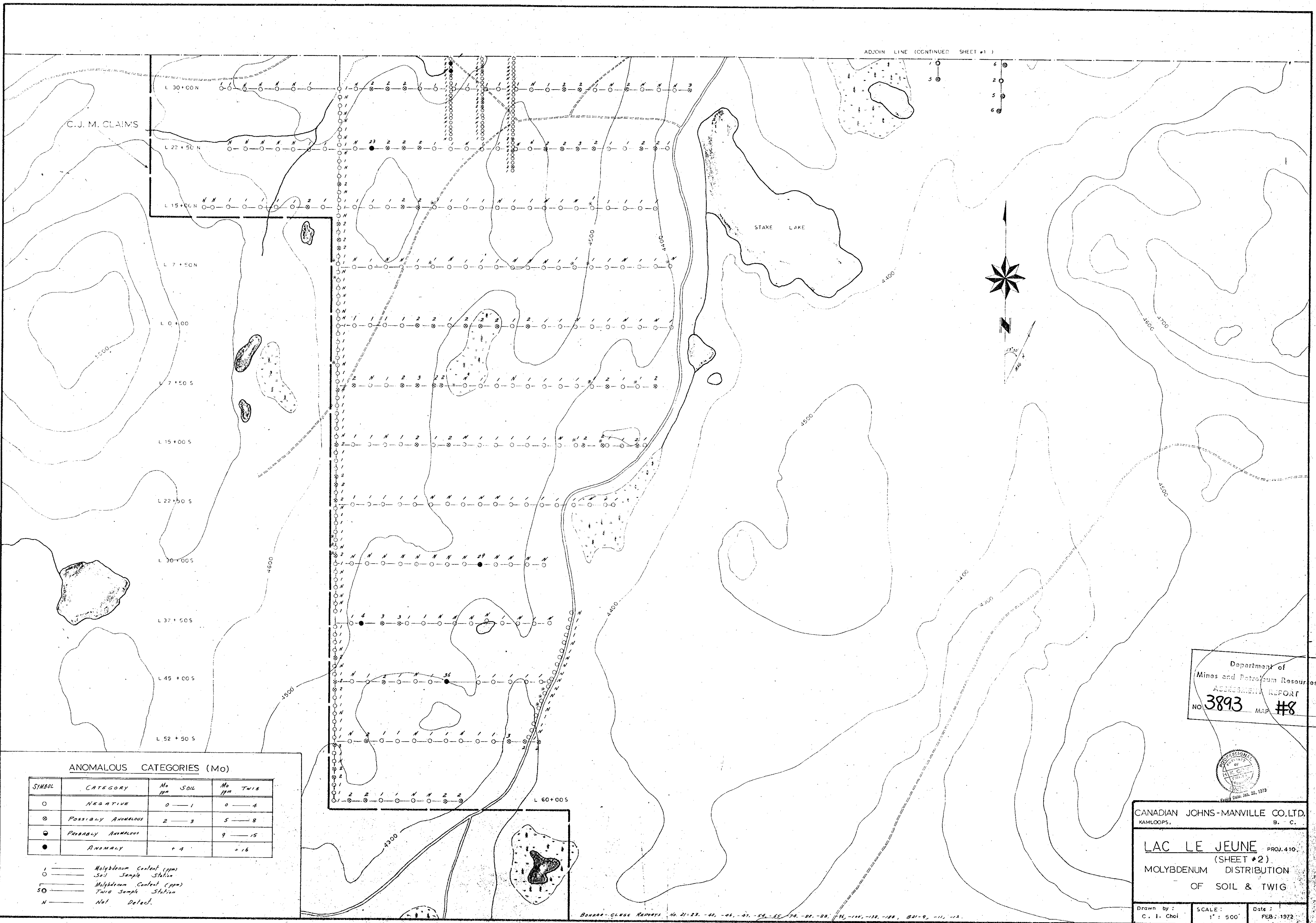
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3893 MAP #9

CANADIAN JOHNS-MANVILLE CO. LTD.
 KAMLOOPS, B. C.

LAC LE JEUNE PROJECT 410
 (SHEET #1)
 LEAD DISTRIBUTION
 OF SOIL & TWIG

Drawn by: C. J. Choi SCALE: 1" = 500' Date: FEB. 1972

ADJOINING LINE (CONTINUED SHEET #2)



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3893 MAP #8



CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJ. 410
(SHEET #2)
MOLYBDENUM DISTRIBUTION
OF SOIL & TWIG

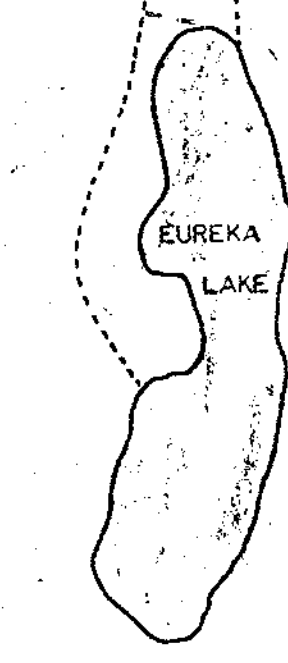
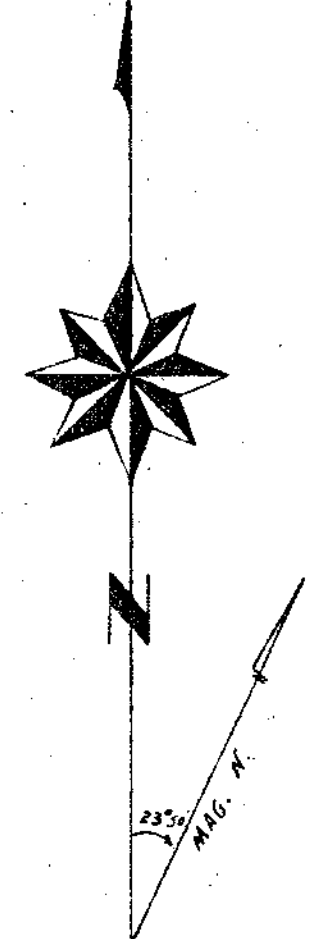
Drawn by: C. I. Choi SCALE: 1" = 500' Date: FEB: 1972

ANOMALOUS CATEGORIES (Mo)

SYMBOL	CATEGORY	No. SOIL	No. TWIG
○	NEGATIVE	0 — 1	0 — 4
⊗	POSSIBLY ANOMALOUS	2 — 3	5 — 8
●	PROBABLY ANOMALOUS		9 — 15
●	ANOMALY	+ 4	+ 16

- 1 — Molybdenum Content (ppm)
- — Soil Sample Station
- ⊗ — Molybdenum Content (ppm)
- — Twig Sample Station
- N — Not Detected.

BONDAR-CLUSE REPORTS No. 21-23, 40, 46, 47, 54, 65, 74, 87, 88, 91, 100, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112.

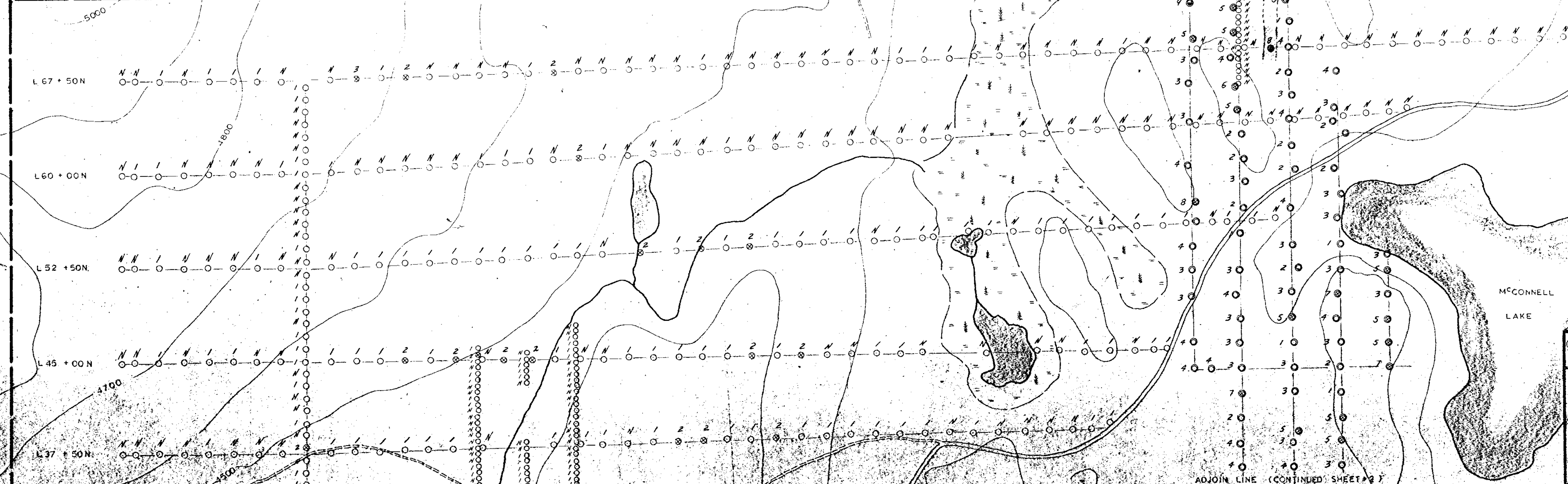
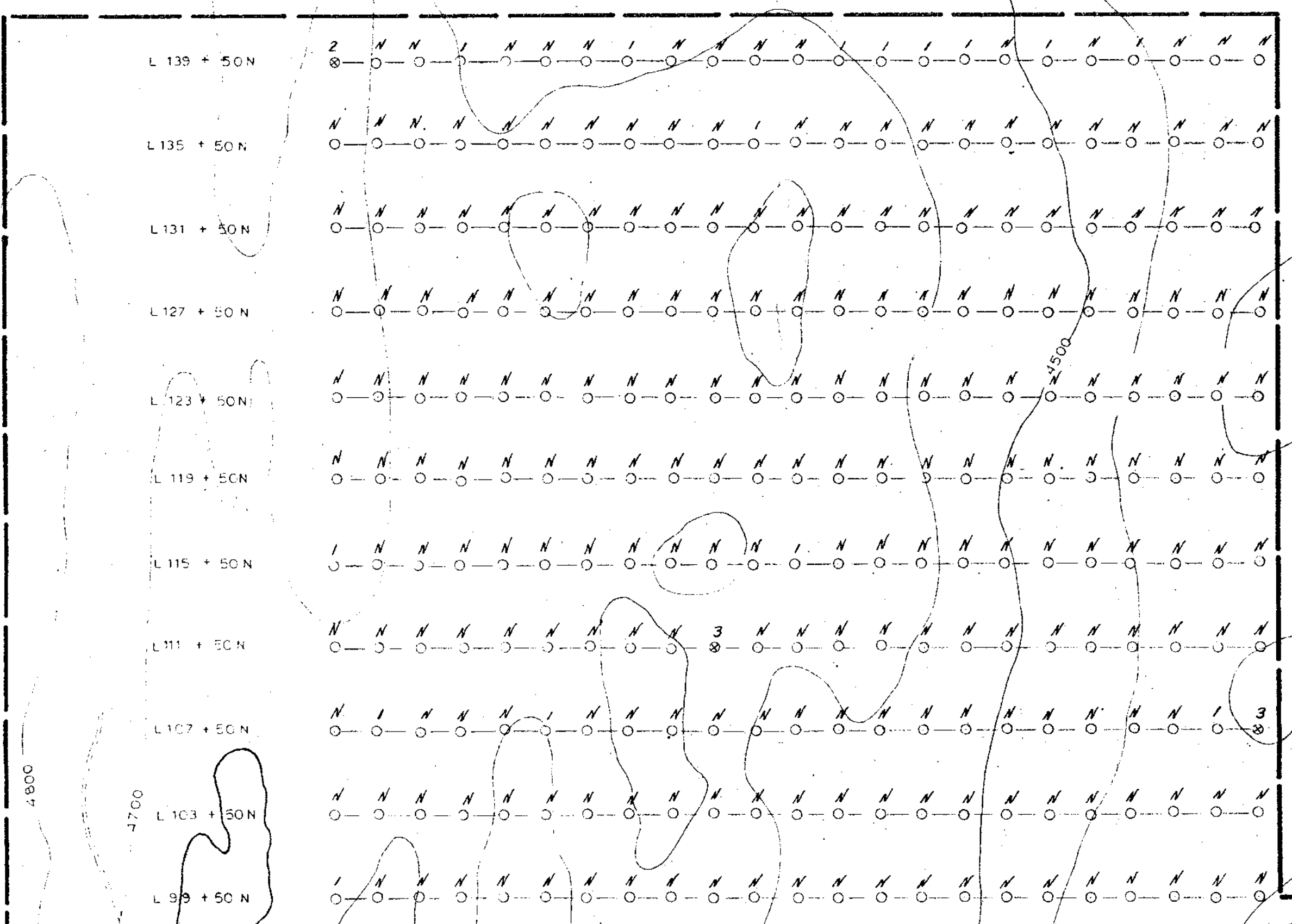


ANOMALOUS CATEGORIES (Mo)

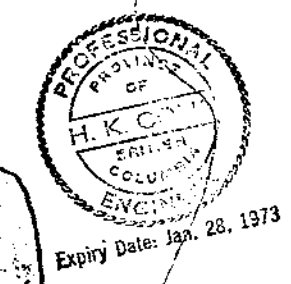
SYMBOL	CATEGORY	Mo SOIL ppm	Mo TWIG ppm
○	NEGATIVE	0 — 1	0 — 4
⊙	POSSIBLY ANOMALOUS	2 — 3	5 — 8
●	POSSIBLY ANOMALOUS		9 — 15
●	ANOMALY	+ 4	+ 16

1 — Molybdenum Content (ppm)
 ○ — Soil Sample Station
 50 — Molybdenum Content (ppm)
 TWIG Sample Station
 N — Not Detect

BONNER-CLEGG REPORTS No. 2-23, -41, -45, -47, -50, -65, -74, -82, -88, -96, -100, -118, -180
 No. 321-9, -14, -12



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3893 MAP # 7

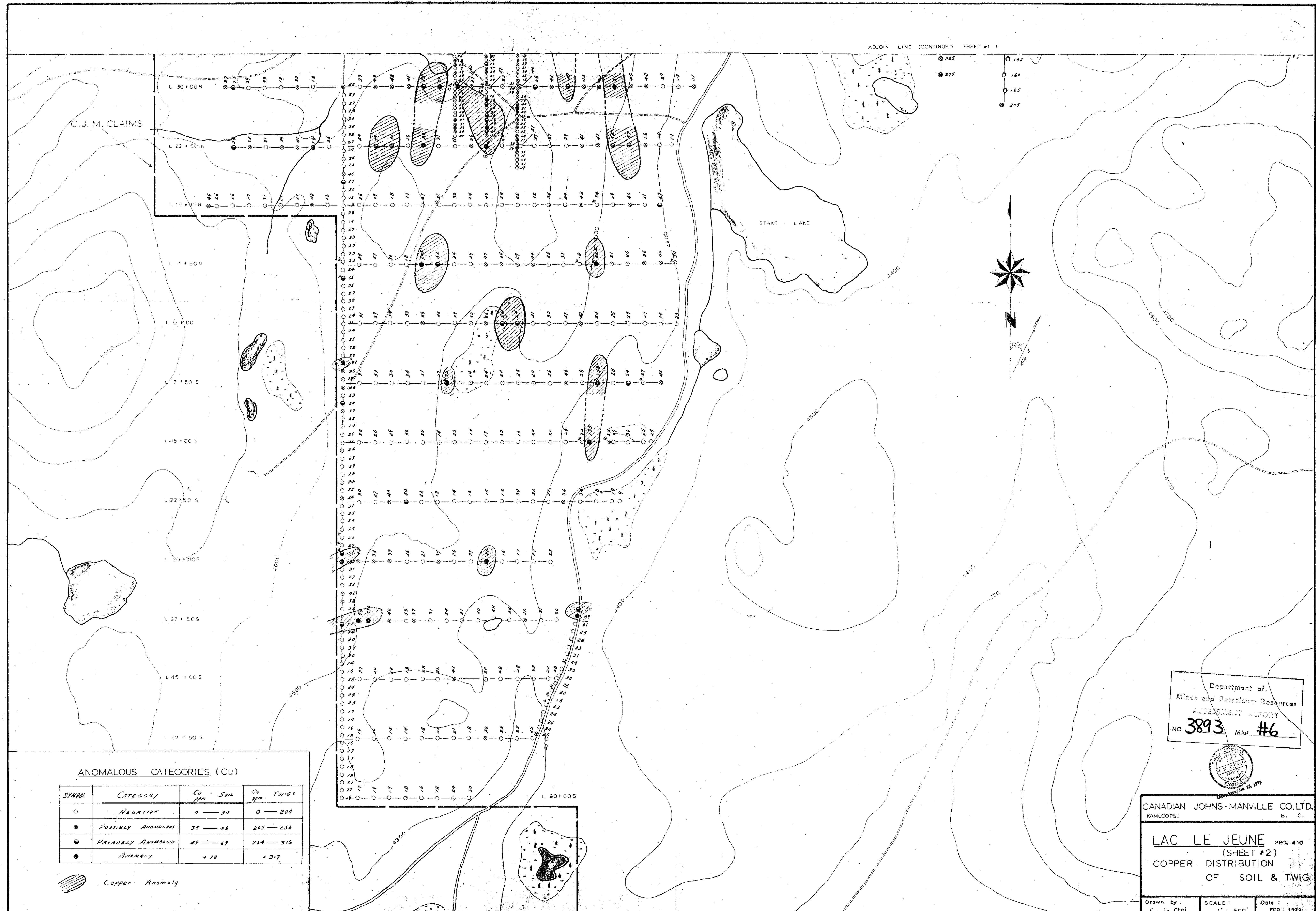


CANADIAN JOHNS-MANVILLE CO. LTD.
 KAMLOOPS, B. C.

LAC LE JEUNE PROJECT 410
 (SHEET #1)
 MOLYBDENUM DISTRIBUTION
 OF SOIL & TWIG

Drawn by : C. I. Choi SCALE: 1" = 500' Date: FEB. 1972

ADJOIN LINE (CONTINUED SHEET #2)

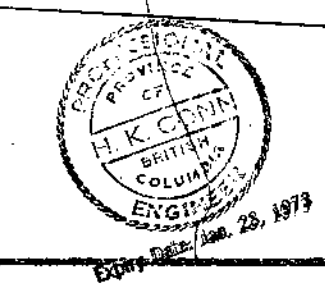


ANOMALOUS CATEGORIES (Cu)

SYMBOL	CATEGORY	Cu ppm SOIL	Cu ppm TWIGS
○	NEGATIVE	0 — 34	0 — 204
⊗	POSSIBLY ANOMALOUS	35 — 48	205 — 253
●	PROBABLY ANOMALOUS	49 — 69	254 — 316
●	ANOMALY	+ 70	+ 317

Copper Anomaly

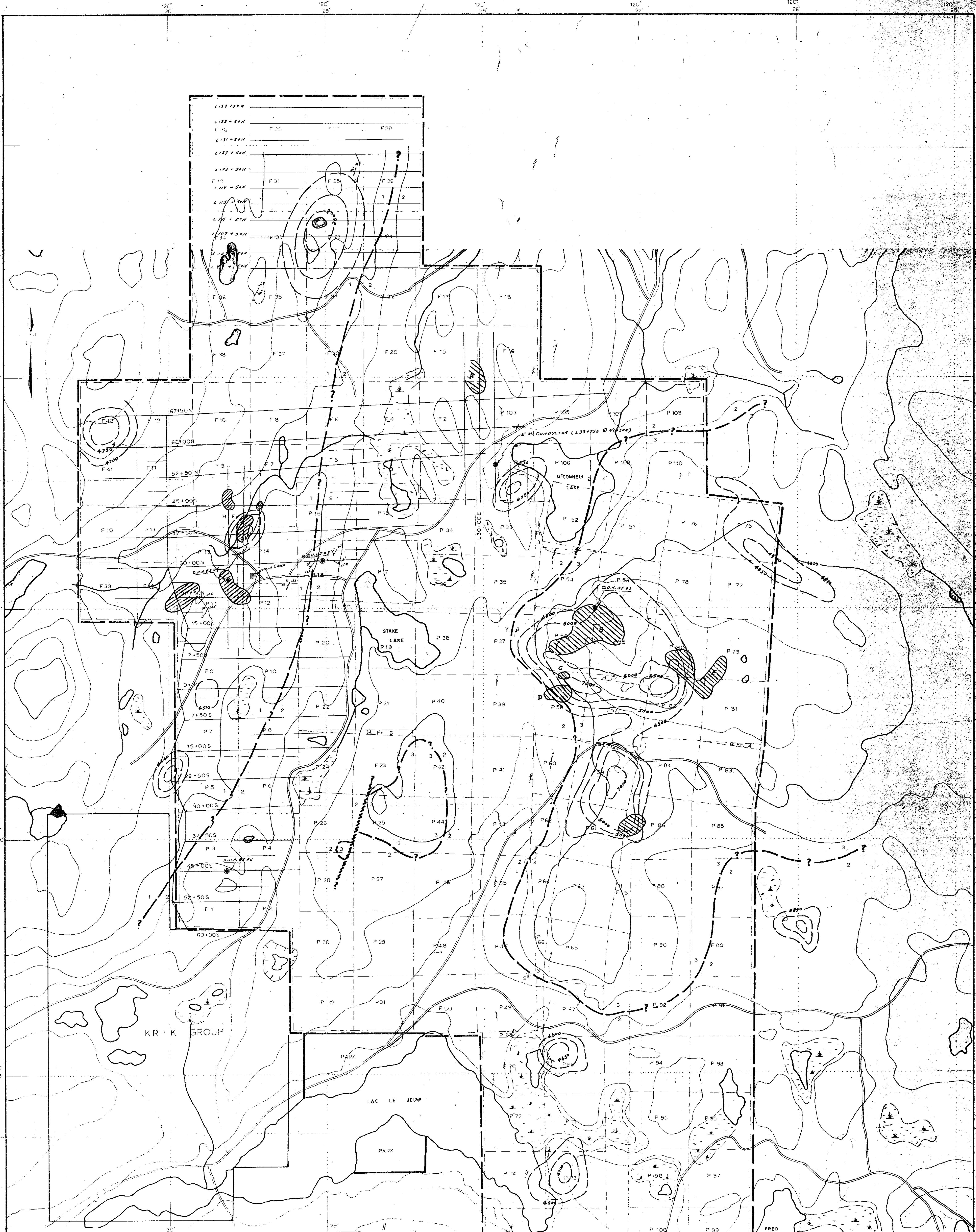
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3893 MAP #6



CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJ. 410
(SHEET #2)
COPPER DISTRIBUTION
OF SOIL & TWIG

Drawn by: C. I. Choi SCALE: 1" = 500' Date: FEB. 1972



SYMBOL

- SPARTAN MAGNETIC ANOMALY
- SCINTREX POSSIBLE I.P. ANOMALY
- SPARTAN POSSIBLE I.P. ANOMALY
- LOCATION OF E.M. CONDUCTOR (M²PHAR)
- OUTCROP
- STRIKE & DIP OF SCHISTOSITY
- STRIKE & DIP OF JOINT
- DIAMOND DRILL HOLE

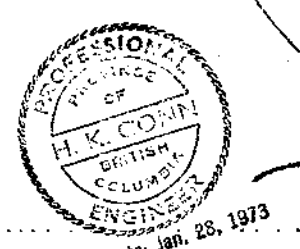
ROCK CLASSIFICATION

- 3 KAMLOOPS GROUP
- 2 NICOLA BATHOLITH
- 1 NICOLA GROUP

3893

M-2

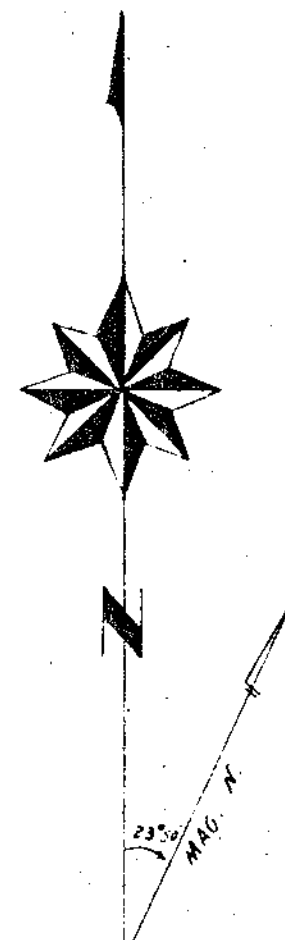
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3893 M.P. #2



CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B.C.

LAC LE JEUNE PROJ. #10
LOCATION MAP OF CLAIMS,
GEOLOGY & GRID LINES

DRAWN BY: C. I. CHOI SCALE: 1:1000 DATE: MAY 1971

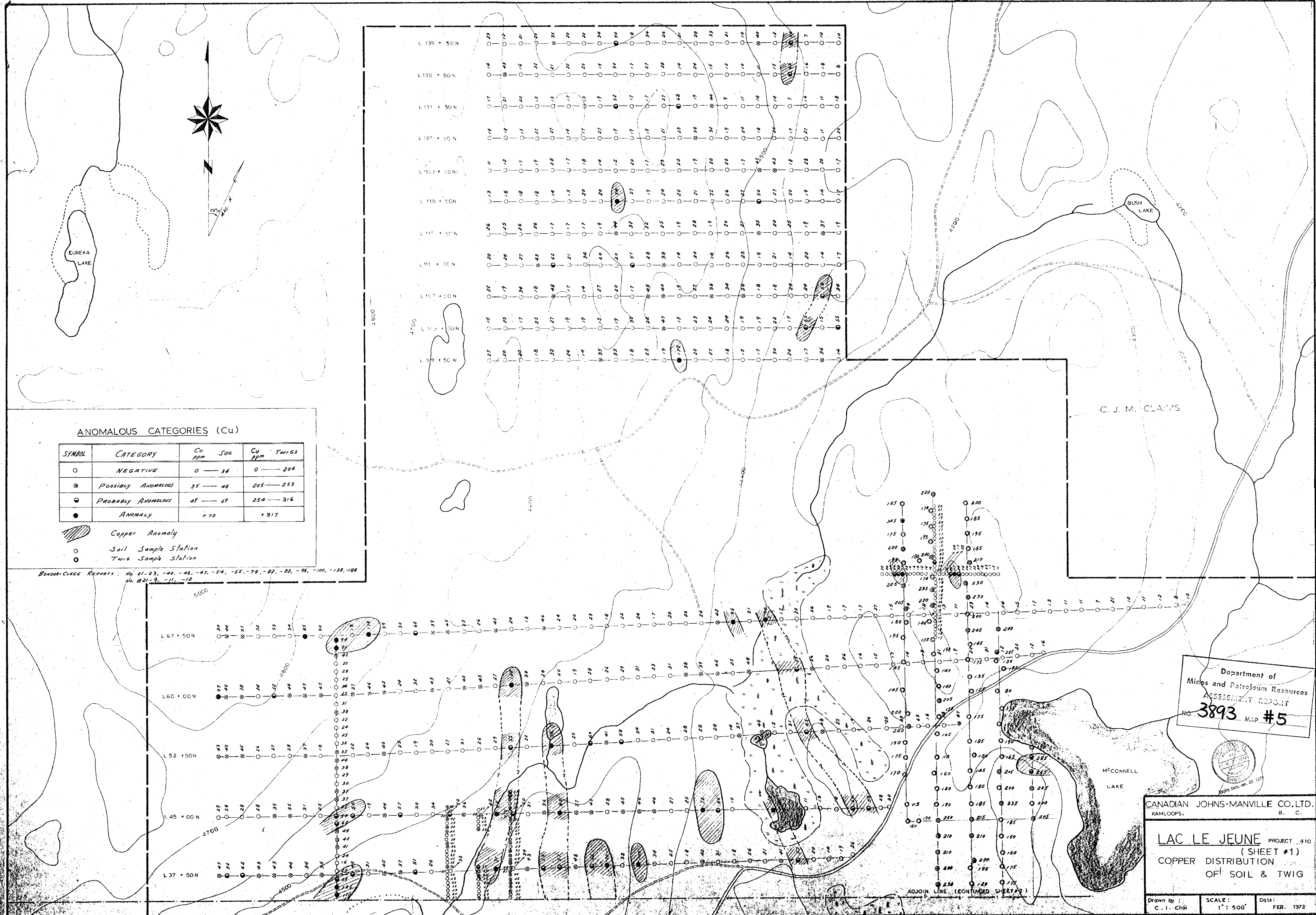


ANOMALOUS CATEGORIES (Cu)

SYMBOL	CATEGORY	Cu ppm SOIL	Cu ppm TWIGS
○	NEGATIVE	0 — 34	0 — 204
⊙	POSSIBLY ANOMALOUS	35 — 49	205 — 253
●	PROBABLY ANOMALOUS	49 — 69	254 — 316
●	ANOMALY	+ 70	+ 317

- Copper Anomaly
- Soil Sample Station
- Twig Sample Station

Bonded-Classe Reports: No. 21-23, -40, -46, -47, -54, -65, -74, -82, -88, -96, -100, -130, -188
No. B21-9, -11, -12



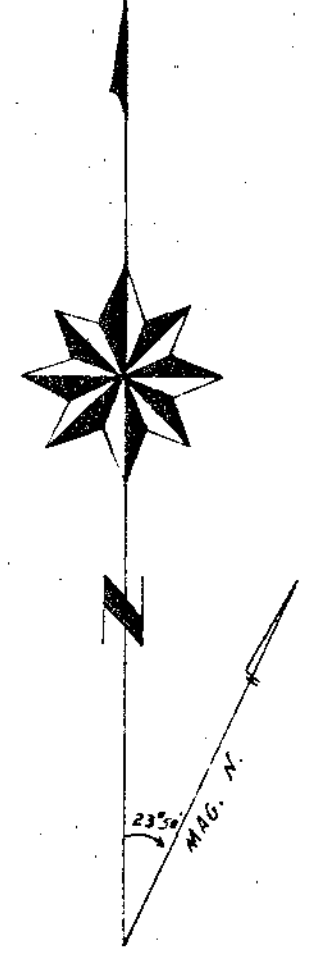
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
No. 3893 MAP #5

CANADIAN JOHNS-MANVILLE CO. LTD.
KAMLOOPS, B. C.

LAC LE JEUNE PROJECT 410
(SHEET #1)
COPPER DISTRIBUTION
OF SOIL & TWIG

Drawn by: C. I. Choi SCALE: 1" = 500' Date: FEB. 1972

ADJOIN LINE (CONTINUED SHEET 2)



EUREKA LAKE

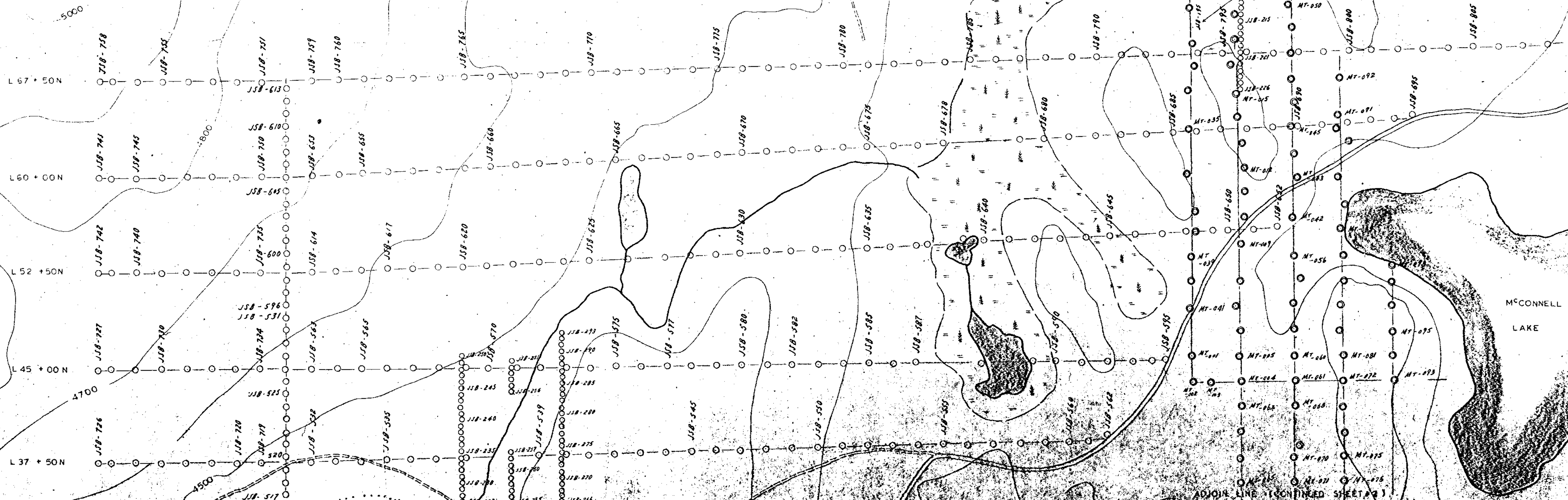
BUSH LAKE

C. J. M. CLAIMS

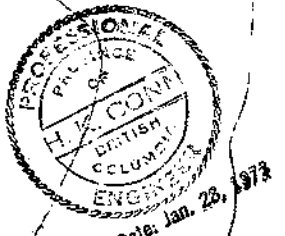
McCONNELL LAKE

LEGEND

- Soil Sample Station
- Sampling Number
- Compass Line
- Gravel Road
- Swamp
- Creek
- Lake
- Twig Sample Station (2nd Year Pine Twigs)



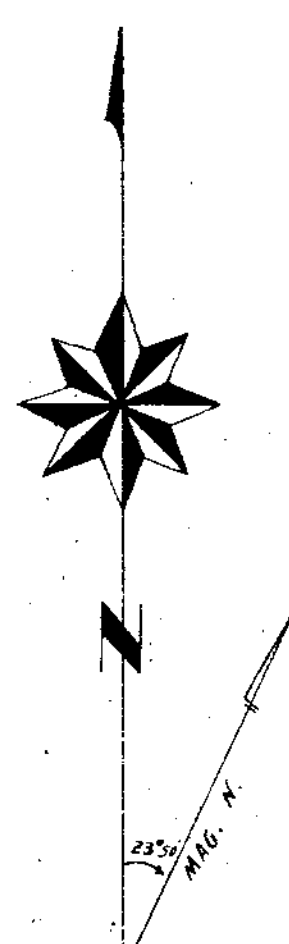
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3893 MAP #3



CANADIAN JOHNS-MANVILLE CO., LTD.
 KAMLOOPS, B. C.

LAC LE JEUNE PROJECT #10
 (SHEET #1)
 LOCATION MAP OF
 TWIG & SOIL SAMPLES
 KAMLOOPS MINING DIVISION B. C.

Drawn by: C. L. Cnol SCALE: 1" = 500' Date: FEB. 1972

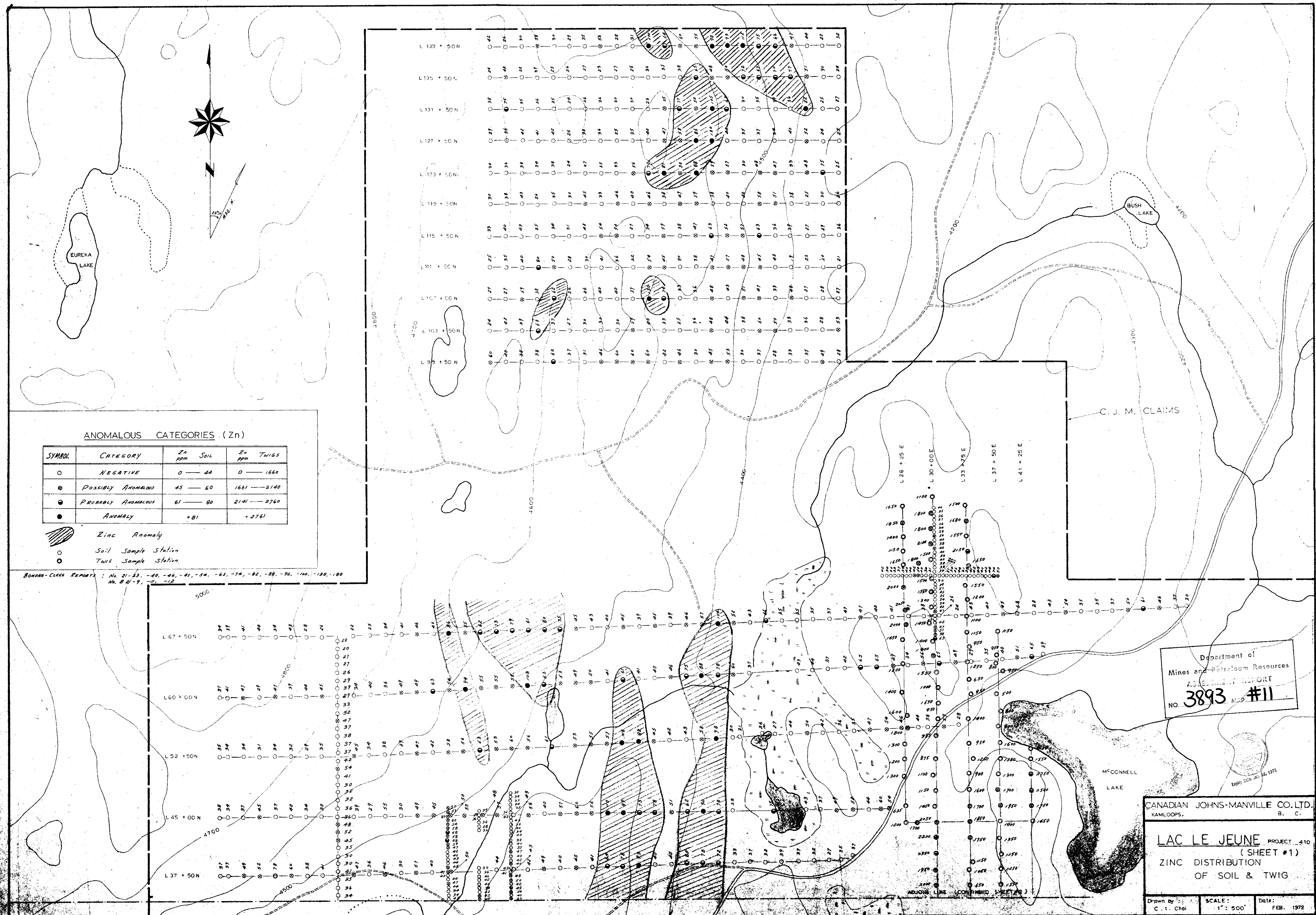


ANOMALOUS CATEGORIES (Zn)

SYMBOL	CATEGORY	Zn ppm SOIL	Zn ppm TWIGS
○	NEGATIVE	0 — 44	0 — 1660
⊙	POSSIBLY ANOMALOUS	45 — 60	1661 — 2140
●	PROBABLY ANOMALOUS	61 — 80	2141 — 2760
●	ANOMALY	+81	+2761

- Zinc Anomaly
- Soil Sample Station
- Twig Sample Station

BORDER-CHECK REPORTS: No. 21-23, -40, -46, -47, -54, -65, -74, -82, -88, -96, -100, -130, -180
 No. B 21-9, -11, -12



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3893 MAP #11

CANADIAN JOHNS-MANVILLE CO. LTD.
 KAMLOOPS, B. C.

LAC LE JEUNE PROJECT 410
 (SHEET #1)
 ZINC DISTRIBUTION
 OF SOIL & TWIG

Drawn by: C. I. Choi SCALE: 1" = 500' Date: FEB. 1972