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## INTRODUCTION:

### General:

This report summarizes the results of soil and talus fines sampling program carried out in 1970 on the Sallus Creek group of claims owned by Canadian Johns-Manville Company, Limited. The program was conducted by the personnel of the Company during two periods; the first one from March 16 to July 17 covered the "Geochemical Survey"; the second one from August 3 to October 31 covered the "A" Anomaly Follow-Up". A subsequent drilling program from October 26, 1970 to January 16, 1971 is described.

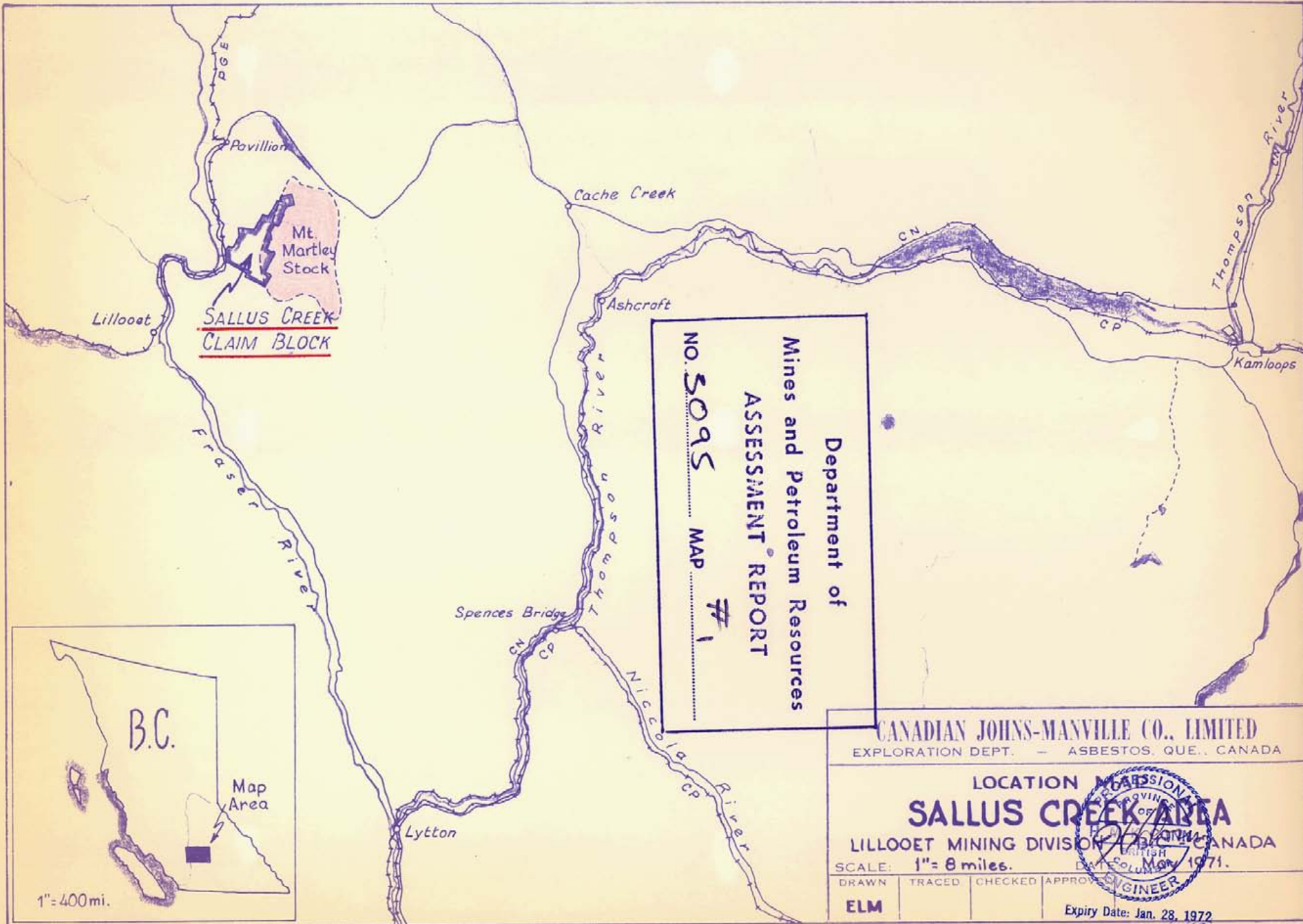
The geochemical survey utilized contour sampling. It comprised a continuation of 1969's survey as well as of detailed follow-ups of the anomalies that were delineated by earlier contour sampling results (see previous reports by H.K. Conn, May 1970 and F.D. Forgeron, February 1970).

The "A" Anomaly Follow-Up" was a detailed survey covering an area situated in the northeast corner of the claim block. The strongly anomalous results led to a preliminary drilling program.

Due to bad ground conditions and adverse winter weather, accentuated by locally rugged terrain, the drilling program was terminated before reaching fresh, unweathered rock that is assumed to contain the source mineralization revealed by the geochemical surveys.

### Location and Access:

The Sallus Creek claim block is located ten miles northeast of Lillooet, Lillooet Mining Division, B.C. (N.T.S. Map 921/12E) largely between Gibbs Creek on the south and Sallus Creek on the north. Access from Lillooet is via a secondary road on the east side of the Fraser River to a logging road about 1.3 miles north of Gibbs Creek and thence



SALLUS CREEK  
CLAIM BLOCK

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 5095 MAP # 1

CANADIAN JOHNS-MANVILLE CO., LIMITED  
EXPLORATION DEPT. - ASBESTOS, QUE., CANADA

LOCATION  
**SALLUS CREEK AREA**  
LILLOOET MINING DIVISION  
SCALE: 1" = 8 miles.



DRAWN	TRACED	CHECKED	APPROVED
ELM			

Expiry Date: Jan. 28, 1972



### Location and Access: (Cont'd)

eastward to C.J-M claim Sallus #72. A new access road was built to reach "A" Anomaly via logging roads from Pavilion.

### Physiography:

Relief within the claim group is in excess of 4,500 feet with elevations rising from 1,400 feet along the Fraser River (west boundary) to over 6,500 feet on the eastern boundary. Much of the area is fairly heavily wooded with fir and pine, except where broken by large talus slopes.

Drainage is mainly to the west and streams are fast-flowing. Good soil profiles are found in wooded and grassy areas.

### Geology:

The western three-quarters of the claim group is underlain by Permian age Cache Creek Group rocks, cut in places by later diorite, porphyritic andesite, and aplite dyke intrusions. The Cache Creek Group is primarily composed of argillite and crystalline limestone with some quartzite and conglomerate.

The argillite is basically light grey in color, cherty, or siliceous in appearance and fissile in fracture. In some places, it varies to be dark grey, blocky or massive. Strong limonitic alteration is prevalent with local color variations of dark red, dark brown, light yellow, white, etc. The crystalline limestone is characterized by dark grey laminations on a predominantly light-colored background.

The Cache Creek Group near the eastern boundary of the claim group is in contact with a Jurassic intrusion of granite, granodiorite, and quartz monzonite known as the Mount Martley stock.

### Anomaly A:

The contact of Mount Martley stock and Cache Creek group

## Geology:

### Anomaly A: (Cont'd)

sediments roughly marks the eastern claim boundary at Anomaly A (see map "Anomaly A - General Geology"). Two bands of black argillite, striking approximately northeast-southwest, are interbedded with crystalline limestone.

The black (graphitic?) argillite is the major mineralized horizon. It appears to be calcareous to a certain extent and probably was formed as a very impure facies of the enveloping limestone. The fracturing, varying from fissile to slabby, is generally intensive. Strong alteration and weathering have resulted in widespread gossan and rusty stain with color variations of brown, orange, yellow, white, etc. Folds and drag folds are common. Although no visible, definite mineralization has been found to date on surface in the black argillite, soil and talus samples have shown highly anomalous metal values. Some of the chip samples were examined under binocular microscope to reveal cavities and considerable amounts of limonite, which are suggestive of leached sulphides.

The crystalline limestone is characterized by white and dark grey laminations or bands. It is locally massive and forms bluffs and scarps. Numerous light-colored and sugary-grained aplite dykes, apparently a late phase of the Mount Martley intrusion, have been found both in Cache Creek Group sediments and offshoots of the granitic stock.

## GEOCHEMISTRY:

### Field Methods:

#### (a) Contour Sampling:

Soil and talus fines samples were collected at 200-foot intervals by shovel on the 500-foot contours from 2,500 to 6,000 feet

## GEOCHEMISTRY:

### Field Methods:

#### (a) Contour Sampling: (Cont'd)

inclusive. A judgment distinction was made in the field between B-horizon soils and talus fines so that they could be treated separately when analyzing the results statistically. Other data recorded at the sample sites included direction and degree of drainage slope, horizon and depth, color, texture, and brief remarks on rock types and mineralization.

Sample sites were located in the field by altimeter and pacing. Each station was flagged by marked red plastic ribbon.

#### (b) Detailed Follow-up:

Samples were taken at 50-foot intervals to tie in with previous anomalous 200-foot stations. New stations were also flagged. Sample numbers are preceded by alphabetical letters which identify the described anomalies, i.e. A, B, etc.

#### (c) A Anomaly Follow-up:

Further samples were collected at 50 and 10-foot intervals along seven traverses to cover the anomalous stations of former contour sampling. Traverses were along contours 500 and 250 feet apart.

### Analytical Techniques:

As the original objective was a copper-molybdenum deposit, all samples were collected and analyzed for copper and molybdenum in the Vancouver laboratories of Bondar-Clegg & Company, Limited. Some samples were also analyzed for lead, zinc, silver, since a zoned multi-element deposit was considered as a possibility. Additional analysis for a number of other elements were applied to a minor portion of samples.

The samples were dried at 40° to 50°C in infra-red ovens and

Analytical Techniques: (Cont'd)

sieved to -80 mesh in Tyler 8 inch stainless steel sieves. In order to extract the metals, an aliquot of -80 mesh fraction was digested in hot aqua regia, ammonium iodide and potassium carbonate. The metal content of each sample was determined by atomic absorption at various detection limits between one and 0.2 ppm. A description of the method used is presented below:

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

Classification of Data:

In the statistical analysis of the metals, the geochemical samples were grouped into two populations; talus and soil. Creek samples were combined with soil samples as the former were close to the latter in value and too limited in numbers to be treated as another population.

For each element the sample data are classified into four categories as follows:

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

"b" the background is the median and approaches the geometric mean; "s" is the standard deviation. "b+2s" is considered as the threshold (t) for anomalous values.

A summary table of the key values in parts per million for statistical classification is presented below:

	<u>b</u>	<u>b+s</u>	<u>b+2s</u>
Copper - talus	103	178	321
- soil	45	92	187

Classification of Data: (Cont'd)

		<u>b</u>	<u>b+s</u>	<u>b+2s</u>
Molybdenum	- talus	7	18	55
	- soil	3	7	15
Lead	- talus	19	27	36
	- soil	15	20	27
Zinc	- talus	210	380	780
	- soil	200	330	700
Silver	- talus	1.3	2.0	3.0
	- soil	1.1	1.5	2.2

The results of contour sampling and of detailed surveys over the anomalies were computed statistically as a combined population. The reasons for this are:

- (a) Similar geological background, i.e. Cache Creek Group rocks, underlies almost the entire sampling area
- (b) Combined samples make up better population size for statistical treatment.

The applied statistical treatment by the combined population is, however, compared with the theoretically proper treatment by the differentiated population. Categories of anomalies for copper and molybdenum are tabulated to show the difference between the two treatments in the following table:

			Differentiated Populations		Combined Populations
			<u>Contour Sampling</u>	<u>Anomaly Sampling</u>	
Copper	- Talus	b	68	105	103
		b+s	161	182	178
		b+2s	239	345	321
Copper	- Soil	b	35	80	45
		b+s	80	133	92
		b+2s	173	226	187
Molybdenum	- Talus	b	5	8	7
		b+s	10	21	18
		b+2s	20	68	55
Molybdenum	- Soil	b	3	6	3
		b+s	5	10	7
		b+2s	13	18	15

### Classification of Data: (Cont'd)

The sample results of A Anomaly are treated separately since the area is characterized by higher metal values. The categories of results are presented as follows:

		<u>b</u>	<u>b+s</u>	<u>b+2s</u>
Copper	- talus	130	180	230
	- soil	74	104	134
Molybdenum	- talus	11	17	23
	- soil	5	9	13
Lead	- talus	21	29	37
	- soil	18	23	28
Zinc	- talus	525	1220	1915
	- soil	395	649	903
Silver	- talus	2.0	2.9	3.8
	- soil	1.4	2.0	2.6

### Presentation of Data:

The geochemical results were plotted at each sample station on separate map sheets for each element. Standard symbols for classes of anomalies mark the stations:

Negative	○
Possibly anomalous	⊗
Probably anomalous	⊙
Anomalous	⊛

Cumulative frequency distribution for elements copper, molybdenum, lead, zinc and silver are presented on logarithmic probability graph paper (see Appendix IV).

### INTERPRETATION:

#### Contour Sampling:

A total of 739 soil and talus samples were collected in the northeast and southeast extension of the claim block to complete the contour sampling program started in 1969. The northeast extension (see



Contour Sampling: (Cont'd)

map of Sallus Creek area - 1" = 1,000') showed insignificant geochemical results. The underlying stock-limestone contact seems locally negative. The results in the southeast extension are shown on separate map sheets.

Weakly anomalous values of zinc, molybdenum, copper and tungsten located an area for detailed follow-up over the southern branch of Upper Gibbs Creek (see page 10). A summary of anomalous stations by categories for the various metals within the southeast extension is shown as follows:

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Zn	41	11	8	3
Mo	450	50	14	2
Cu	450	39	9	0
Ag	41	4	2	0
Pb	41	7	1	0
W	41	12	14	9
U	Insufficient samples regionally for classification			

Detailed Follow-Up:

Grid No. 2:

This grid is underlain by a contact zone of Mount Martley stock and Cache Creek Group rocks which are alterations of argillite and limestone marble beds. The meta-sediment beds and two diorite dykes occurring in the argillite all appear to be parallel to the curving contact.

The number of anomalous stations by categories for the various metals within Grid #2 are shown in the following table:

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Cu	202	87	57	8
Mo	202	106	26	6
Ag	163	39	15	5
Pb	163	36	8	5
Zn	163	29	8	2
W	163	30	5	1

### Detailed Follow-Up:

#### Grid No. 2: (Cont'd)

A broad anomalous zone between L-60N and L-40+75N is characterized by a moderate copper anomaly and weak anomalies of other elements. Geologically, this zone is composed of folded argillite and limestone-marble beds that seem to have been "pushed and squeezed" toward the stock contact. Copper and molybdenum values appear to favor the argillite; and silver, the limestone-marble. Anomalous values occurring close to the sediments - stock contact suggest skarn type mineralization.

#### C Anomaly:

Follow-up work was carried out along two traverses. The first traverse (2,750 foot contour) crossed a trough-like talus slope (C 010 - C 013) with diorite dykes protruding as ridges on surface. The second traverse is in Cache Creek Group rocks.

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Cu	46	16	11	7
Mo	46	26	10	4
Pb	46	20	21	4
Zn	46	21	8	1
Ag	46	12	8	0

This area is characterized by copper, molybdenum and lead anomalies. These elements show superimposed anomalies between stations C-30 and C-37 where gossanized and fractured argillite occurs as cliffs with steep talus slopes.

#### D Anomaly:

The major rock of this area is cherty, siliceous argillite intruded by diorite and aplite dykes. One cliff-forming diorite dyke at D-01 - D-93 has disseminated pyrite. There are two gossans (D-31 - D-41, D-110) with the shapes of cirque-like pits.

Detailed Follow-Up:

D Anomaly: (Cont'd)

They may be formed by shear zones related to the dykes.

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Mo	110	52	32	7
Ag	110	44	17	6
Cu	110	55	43	4
Pb	110	56	24	3
Zn	110	47	33	2
W	16	1	0	0
Au	16	Insufficient samples regionally for classification		

Weak, multi-element anomalies are distributed loosely in the vicinity of the pyritiferous diorite dyke and one gossan (D-31 - D-41). No significant superimposed anomalies are shown except those of silver and other elements. Molybdenum anomalies seem to associate with the gossan pits. Analyses of gold and tungsten were applied to sixteen samples along 2,500 foot contour traverse which crosses the pyritiferous diorite dyke and the Cache Creek sediments. The former seems favorable for gold value (up to 60 ppb) while the latter shows traces of tungsten.

E Anomaly:

Most of this anomaly is located along a steep and gossanized cliff, trending east-west on the north slope of Gibbs Creek. Argillite, the major rock, is intruded by porphyritic andesite and aplite dykes. Two types of argillite with contrasting characteristics occur - blocky, cherty argillite and fissile, colorfully-stained argillite. The latter, showing drag folds in many places, may be an expression of shear related to possible faulting and/or local dyke intrusions.

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
As	59	12	4	3
Ag	225	57	23	2

Detailed Follow-Up:

E Anomaly:

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Mo	225	78	43	1
Cu	225	88	13	0
Pb	225	85	9	0
Zn	225	43	4	0

A distinct east-west trend is expressed by coincidence of arsenic and silver anomalies with moderate molybdenum, lead, copper, zinc values. This trend, outlined by stations E-203, E-111 and E-441, has been indicated by anomalous mercury and arsenic results of the 1969 geochemical survey (see page 15, H.K. Conn's report, May 1970) and was interpreted as caused by possible faulting.

Upper Gibbs Creek:

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Zn	127	47	32	8
Cu	127	49	26	4
Mo	127	41	22	3
Ag	127	8	11	1
Pb	127	21	5	1

This area is underlain by the stock contact. The traverses were carried out mainly over outcropping argillite and marble. Anomalous elements include zinc, copper and molybdenum. Two sections in black argillite (G-95 - 108; G-13 - 21) show coincidental anomalous values. The station G-108 is marked by 2,200 ppm zinc.

Road Cut:

Gossan exposures along the 1969 camp road were investigated. Nineteen samples were collected along sections of multi-colored alteration.

The rock is cherty, siliceous argillite intruded by diorite and aplite dykes.

Detailed Follow-Up:

Road Cut: (Cont'd)

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Mo	19	3	5	5
Ag	19	4	3	2
Pb	19	8	0	0
Cu	19	1	0	0
Zn	19	1	0	0

Molybdenum and silver show anomalous values from station R-11 to station R-19 where diorite and aplite dykes intruded the argillite. It appears fissile, folded and heavily stained.

A Anomaly Follow-Up:

This anomaly, having shown some unusually high results of zinc and copper in the first period follow-up work (July 1970), became a main target and further detailed follow-up (August to October 1970) was initiated. More samples were collected to delineate the mineralized zones and to determine the most desirable drill site location.

The major mineralized horizons are two beds of black argillite, varying from 100 to 250 feet in width and striking approximately northeast-southwest in the crystalline limestone which extends eastward to a contact with the Mount Martley stock.

The number of anomalous stations by categories for the various metals within Anomaly A are shown in the following table:

<u>Metals</u>	<u>Total Samples</u>	<u>Possibly Anomalous</u>	<u>Probably Anomalous</u>	<u>Anomalous</u>
Zn	278	39	36	72
Cu	278	38	18	64
Mo	278	46	16	92
Pb	278	52	32	23
Ag	278	105	41	26

### A Anomaly Follow-Up: (Cont'd)

Zinc is the most strongly anomalous element in this area and has values up to 14,500 ppm or 1.4%; copper (up to 1,700 ppm) and molybdenum (up to 460 ppm) are strongly anomalous. All three metals show continuous and concentrated trends of anomalies that strike north-northeast. These trends coincide well with the two parallel argillite beds. It is remarkable that the numbers of the anomalous stations for the three metals are much more than that of the probably or the possibly anomalous stations. This bimodal frequency distribution indicates a definitely anomalous population on top of a less anomalous population. That is to say, the anomalous station assemblage reflects a genetically anomalous background - the black argillite.

Lead and silver have moderate anomalies in dispersed distribution. Lead anomalies seem to favor the crystalline limestone.

It is noted that the limestone-stock contact is negative and the aplite dykes are apparently not related to the metal anomalies. The original objective of a porphyry or skarn type deposit is not likely to be substantiated in this area. Two possibilities are considered - an exo-contact mineralization and a syngenetic sedimentary deposit in black graphitic argillite. The latter is typified by Kupferschiefer deposit which is a thin (10" - 30") bed mineralization that extends for miles.

Recommendations include drilling to reach fresh black argillite beds in depth and tracing the mineralized black argillite along strike.

#### Discussion:

At the end of the 1969 field season, the objectives conceived were three types of deposit enriched by copper and molybdenum. They are briefly described as follows:

- (i) a porphyry type deposit in the Mount Martley stock

Discussion: (Cont'd)

- (ii) a skarn type deposit in the marble or crystalline limestone of Cache Creek Group
- (iii) a fracture-filling or vein-type deposit in the argillite meta-sediments of Cache Creek

However, the results of the 1970 geochemical exploration program revealed that the black argillite was the major mineralized zone and the elements of primary interest are copper, molybdenum and zinc.

At least two fashions of ore-forming can be attributed to the multi-elemental enrichment in black argillite.

(i) One is an exo-contact type of deposit in black argillite enriched by mineralizer derived from the granitic body of Mount Martley stock. Its mode of mineralization is fracture-filling or vein-type.

(ii) The other is a syngenetic sedimentary deposit remobilized by the intrusive. The deposit contains microscopic or sub-microscopic particles of sulphide particles in the black argillite. A narrow mineralized zone (10" - 30") may extend for miles as in the Kupferschiefer type of deposit.

In spite-of the strongly anomalous metal values in the black argillite talus samples, no definite mineralization has been uncovered. This may be explained by either one or the combination of the two features:

(i) Extensive weathering, aided by the fractures, might have effectively leached the mineralization, or

(ii) Extremely fine particles of, or narrow zones of mineralization, might have evaded visual observation.

DIAMOND DRILLING:

A drilling program in A Anomaly area was commenced on October 26, 1970 as strongly anomalous results of surface sampling suggested that significant mineralization in fresh rock might exist in depth. Three holes with a total of 1,025 feet were drilled.

DIAMOND DRILLING: (Cont'd)

Deep leaching, bad ground, and harsh winter conditions resulted in the failure of reaching fresh rock. No mineralization was found. Termination of drilling was on January 16, 1971.

The drill site was set up 30 feet N 60°E from sample location AC-242 at the elevation of 5,250 feet (see map Anomaly A - location of soil and talus samples). The three drill holes are briefly described as follows:

<u>Hole No.</u>	<u>Bearing</u>	<u>Dip</u>	<u>Depth</u>
SA-70-1	Due west	-55°	385
SA-70-2	Due north	-54	233
SA-70-3	N45°W	70	407
			<u>1625</u>

Drill records and drill sections are included in Appendix V.

Geology shown by drilling conforms well with the surface mapping. Argillite, calcareous or graphitic, contains minor amounts of disseminated pyrite in some sections. Crystalline limestone, displaying distinct black-white laminations, is locally silicified.

Traces of pyrite were observed along fractures in aplite and diorite (?) dykes. All rock is highly oxidized.

Subsequent sludge analysis (not included in present assessment account) indicated generally high copper, zinc, molybdenum values in argillite and high silver values in limestone.

SUMMARY AND RECOMMENDATIONS:

Upon completion of contour sampling to cover the entire claim block, five anomalous areas were delineated in the spring of 1970. Detailed follow-up work found that the anomalous black argillite shows the strongest poly-metallic values in A Anomaly where a preliminary drilling program was undertaken in the winter of 1970.



SUMMARY AND RECOMMENDATIONS: (Contd)

Due to adverse weather and ground conditions, the drilling was unsuccessful in reaching assumed mineralization source in fresh rock.

Further detailed geological studies are recommended to help carry out conclusive drilling or aditing program over the black argillite in A Anomaly.

If the results return economic grade and tonnage, similar performances are recommended over the other anomalous areas.

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May 1970

COST ANALYSIS

The cost of work on Sallus Group of claims from March 16, 1970 to January 16, 1971 is analyzed as follows:

A. Geochemical Survey: (March 16 - July 17, 1970)1. Labor Cost:

Geologist C. Choi, March 16 - April 9 35 days x \$26.96 per man day	\$ 943.60
Geologist C. Aspinall, May 3 - 30 18 days x \$40.77 per man day	733.86
Geologist C.P. Lin, May 31 - July 17 41 days x \$22 per man day	902.00
Ass't Geologist P. Nicholson, May 10 - 30 17 days x \$17.36 per man day	295.12
Field Manager J. Binnie, March 16 - June 27 96 days x \$26.96 per man day	2,588.16
Sampler A. Gussan, March 16 - June 27 90 days x \$20 per man day	1,800.00
Sampler N. Cook, March 28 - June 27 79 days x \$18 & \$20 per man day	1,518.00
Sampler C. Binnie, April 12 - July 17 89 days x \$20 per man day	1,780.00
Sampler J. Lim, June 5 - July 17 45 days x \$18 & \$20 per man day	878.00
Cook T. Binnie, April 12 - July 4 66 days x \$19.28 per man day	1,272.48
Bushman R. Bell, March 16 - March 22 7 days x \$18 per man day	126.00
TOTAL	\$ 12,837.22

2. Field Cost:

583 man days @ \$7 per man day 4,081.00

3. Analytical Cost:

3,072 samples analyzed at Bondar-Clegg & Co, Ltd., Vancouver, B.C., for Cu, Mo, Pb, Zn, Ag, other elements, spectrographic analysis, rock assay Cu, MoS<sub>2</sub> 7,824.96

A. Geochemical Survey: (Cont'd)

4. Consulting Cost:

Consultant J. Kerr, Versatile Mining Services \$ 2,657.60  
23 days @ \$100 - \$125 per day plus expenses

5. Car Rental:

79 days @ \$20 per day 1,580.00

6. Helicopter Cost:

Okanagan Helicopters - 2 hours 35 minutes @ \$230 594.16

7. Office and Camp Supplies:

Central Reproduction, Kamloops, B.C. 584.58  
April 28 - December 7, 1970

Outdoor Shop, Kamloops, B.C. 74.25  
April 6 - July 17, 1970

8. Report Preparation: (April 1971)

Geologist C.P. Lin - 20 days @ \$38 per day 760.00

Technician A. Therrien - 7 days @ \$32.30 per day 226.10

Reproduction 50.00

TOTAL GEOCHEMICAL SURVEY \$31,269.87

B. A Anomaly Follow-Up: (August 3 - October 31, 1970)

1. Labor Cost:

Geologist C. Choi, August 3 - October 31 916.64  
34 days @ \$26.96 per day

Assistant C. Robinson, August 3 - 29 420.00  
21 days @ \$20 per day

Assistant T. Whibley, October 26-31 140.00  
7 days @ \$20 per day 140.00

TOTAL 1,476.64

2. Field Cost:

62 man days @ \$7 per man day 434.00

3. Analytical Cost: (See Page 3)

B. A Anomaly Follow-Up: (Cont'd)

3. Analytical Cost:

280 samples analyzed at Bondar-Clegg & Co., Ltd., \$ 842.32  
Vancouver, B.C., for Cu, Mo, Pb, Zn, Au, As

TOTAL A ANOMALY FOLLOW-UP 2,752.96

C. A Anomaly Roadwork: (October 1 - December 31, 1970)

W.A. Cook, Box 398, Lillooet, B.C. 4,170.00  
208-1/2 hours @ \$20 per hour

TOTAL A ANOMALY ROADWORK 4,170.00

D. Drilling: (October 26, 1970 to January 16, 1971)

Inspiration Drilling Company Limited 44,260.46

TOTAL DRILLING \$ 44,260.46

SUMMARY:

TOTAL OF GEOCHEMICAL SURVEY \$ 31,269.87

TOTAL OF A ANOMALY FOLLOW-UP 2,752.96

TOTAL A ANOMALY ROADWORK 4,170.00

TOTAL DRILLING 44,260.46

GRAND TOTAL \$ 82,453.29

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 22 years and specialized in economic geology and exploration procedures for the past 21 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 and several visits to the property.

April 1971

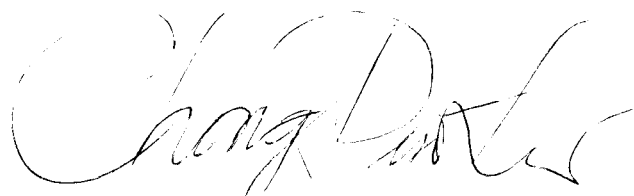
  
H.K. Conn

Expiry Date: Jan 28, 1972

STATEMENT OF QUALIFICATIONS

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

1. I am a mining exploration geologist with three 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.
4. I am an affiliate member of the Association of Exploration  
Geochemists
5. I participated in the field exploration and personally  
undertook the detailed follow-up work (May 31 - July 17, 1970).
6. This report is based on published and unpublished information.



Chong-Pin Lin

April 1971

APPENDIX III  
GEOCHEMICAL SURVEY DATA

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHARLES BINNIE

 AREA: ANOMALY A

 DATE: JUNE 30, 1970

 PROJECT: 406

 LOCATION REF.: STB 842

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
A 001	Ref. STB 842	35°	5000'	Soil	B 4"	BLN.	SLT. Sd. Gr.	ORGANIC ROOTS				
A 002	842 +50'	"	"	"	B 6"	"	Sd Gr.	" "				
A 003	842 +100'	"	"	Talus	B 5"	"	SLT. Sd. Gr.	" "				
A 004	842 +150'	"	"	"	B 5"	"	SLT. Sd.	" "				
A 005	STB 843	"	"	"	B 5"	DK. BRN.	SIT Sd.	" "				
A 006	843 +50'	"	"	"	B 6"	DK GRY.	SIT Sd. Gr.	" "				
A 007	843 +100'	"	"	"	B 7"	BLK.	SIT. Sd. Gr.	" "				
A 008	843 +150'	"	"	Soil	B 4"	BLK. GRY.	Sd. Gr.	" "				
A 009	STB 844	"	"	"	B 4"	GRY. BLN	Sd Gr.	" "				
A 010	844 +50'	"	"	"	B 7"	LT BLN	SLT. Sd Gr.	" "				
A 011	844 +100'	"	"	"	C 5"	BRN	Sd Gr.	" "				
A 012	844 +150'	"	"	Talus +Soil	C 7"	GRY. BRN.	Sd. Gr.	" "				
A 013	STB 845	"	"	"	C 6"	BRN.	Sd. Gr.	" "				
A 014	845 +50'	"	"	Soil	B 6"	BRN.	SLT. Sd.	" "				
A 015	845 +100'	"	"	Talus	C 5"	BRN.	SLT. Sd.	" "				



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHARLES BINNIE

 AREA: ANOMALY A  
A030: 400' N 25° E TO STB 649

 DATE: JUNE 30, 1970

 PROJECT: 406

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
A016	B45 + 150'	35°	5000'	SOIL	B 5"	BROWN	SILT SAND	ORGANIC ROOTS					
A017	STB 846 0+00	"	"	"	C 6"	"	SILT GRAVEL	"					
A018	846 0+50	"	"	"	B 5"	"	SILT SAND	"					
A019	846 1+00	"	"	"	C 6"	"	SILT SAND GRAVEL	"					
A020	846 1+50	"	"	TALUS	D 7"	DARK BROWN	"	"					
A021	STB 847 0+00	"	"	"	"	DARK GREY	"	"					
A022	847 0+50	"	"	"	B 5"	BLACK	SILT GRAVEL	"					
A023	847 1+00	40°	"	"	C 6"	"	SILT SAND	"					
A024	847 1+50	"	"	"	B 4"	"	SILT HUMUS	"					
A025	STB 848 0+00	"	"	SOIL	C 5"	"	GRAVEL HUMUS	"					
A026	848 0+50	"	"	TALUS	A 4"	"	"	"					
A027	848 1+00	"	"	"	" 7"	<del>GREY</del> BLACK	SILT HUMUS	"					
A028	848 1+50	"	"	"	" 7"	GREY BLACK	SILT GRAVEL	"					
A029	849 0+00	"	"	"	" 7"	"	"	"					
A030	400' N 25° E TO 24'		4750	SOIL	A 6"	BLACK	SILT HUMUS	"					

## CANADIAN JOHNS-DANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHARLES BINNIE

AREA: A ANGLACY

DATE: JUNE 30, 1970

PROJECT: A06

LOCATION REF.:

A030: 400' N25°E TO STB E44

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
A031	A030 +50'E	20°	4750'	SOIL	C 4"	BLACK	SILT HUMUS	ORGANIC ROOTS					
A032	A030 +100'E	24°	"	SOIL	C 6"	BLACK & BROWN	"	"					
A033	A030 +150'E	25°	"	TALUS	5"	BLACK	"	"					
A034	A030 +200'E	"	"	TALUS	8"	BLACK & BROWN	"	"					
A035	A030 +250'E	15°	"	"	5"	DARK BROWN	SILT GRAVEL	"					
A036	A030 +300'E	20°	"	"	4"	BROWN	"	"					
A037	A030 +350'E	35°	"	TALUS & SOIL	C 5"	GREY BROWN	"	"					
A038	A030 +400'E	"	"	TALUS <del>SOIL</del>	5"	BROWN	"	"					
A039	A030 +450'E	"	"	SOIL TALUS	C 4"	"	"	"					
A040	A030 +500'E	"	"	SOIL	C 6"	"	SILT SAND GRAVEL	"					
A041	A030 +550'E	"	"	"	C 12"	"	SAND GRAVEL	"					
A042	A030 +600'E	"	"	TALUS	5"	BLACK & BROWN	GRAVEL	"					
A043	A030 +650'E	"	"	SOIL	A 2"	BLACK	HUMUS	"					
A044	A030 +700'E	33°	"	"	A 1/2"	"	"	"					
A045	A030 +750'E	37°	"	"	C 10"	"	SILT GRAVEL	"					



## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNIEAREA: ANOMALY ADATE: JULY 1970PROJECT: 466LOCATION REF.: STB 956

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
A055	STB 956 0100	30°	4560	SOIL	B 3"	BROWN	SILT GRAVEL	ORGANIC ROOTS					
A056	956 0150	43°	4590	"	B 2"	BLACK	SILT CLAY	"					
A057	956 1100	45°	4630	TALUS	C 5"	"	SILT SAND	"					
A058	956 1150	"	4660	SOIL	C F"	BROWN YELLOW	SAND SILT	"					
A059	STB 955 0100	40°	4630	SOIL & TALUS	C 3"	BLACK BROWN	SAND GRAVEL	"					
A060	955 0150	"	"	"	C 7"	DARK BROWN	SAND SILT, CLAY GRAVEL	"					
A061	955 1100	"	"	TALUS	3"	BLACK	SILT GRAVEL	"					
A062	955 1150	"	"	"	3"	"	"	"					
A063	STB 954 0100	"	"	"	SURFACE 3"	"	SAND GRAVEL	"					
A064	954 0150	"	"	"	"	"	SILT SAND GRAVEL	"					
A065	954 1100	"	"	TALUS & SOIL	C 3"	BROWN	"	"					
A066	954 1150	"	"	"	C 7"	"	CLAY SILT GRAVEL	"					
A067	953 0100	"	"	TALUS	7"	"	SAND GRAVEL	"					
A068	953 0150	"	"	SOIL & TALUS	C 3"	BROWN GREY	"	"					
A069	953 1100	"	"	"	"	LIGHT BLACK	"	"					



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE

 AREA: ANGLIA A

 DATE: JULY 1970

 PROJECT: 400

 LOCATION REF.: A072 = STB 946

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
A070	STB 953 1450	35°	4600'	SOIL & TALUS	C 5"	BROWN	SILT SAND	ORGANIC ROOTS					
A071	STB 952 0760	"	"	"	C 4"	BROWN GREY	SILT SAND GRAVEL	"					
A072	STB 946 0100	40°	4560'	TALUS	SURFACE 1"	GREY	SAND SILT	"					
A073	946 0150	"	"	TALUS & SOIL	C 3"	GREY BROWN	SAND GRAVEL	"					
A074	946 1700	"	"	TALUS	2"	DARK BROWN	"	"					
A075	946 1750	"	"	"	"	BROWN	"	"					
A076	STB 945 0160	"	"	TALUS & SOIL	C 5"	"RED" BROWN GREY	"	"					
A077	945 0180	"	"	"	C 3"	BROWN	SILT SAND	"					
A078	945 1700	"	"	TALUS	3"	"	SAND GRAVEL	"					
A079	945 1750	"	"	"	4"	"	"	"					
A080	STB 944 0100	"	"	SOIL & TALUS	C 4"	"	COARSE SAND GRAVEL	"					
A081	944 0150	"	"	SOIL	C 6"	"	SAND GRAVEL	"					
A082	944 1700	"	"	"	C 3"	"	SILT GRAVEL	"					
A083	944 1750	"	"	SOIL & TALUS	"	"	SILT SAND GRAVEL	"					
A084	STB 943	"	"	"	"	"	SAND GRAVEL	"					

# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE

 AREA: ANGIMLY A

 DATE: JULY 1, 1970

 PROJECT: 406

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
A 085	STB 913 0150	46'	4530	SOIL & TALUS	C 5"	LIGHT BROWN	SILT GRAVEL	ORGANIC ROOTS					
A086	913 1100	"	"	"	"	"	GRAVEL CLAY	"					
A087	913 1150	"	"	"	C 3"	"	GRAVEL SILT SAND	"					
A088	STB 912(?) 0100	"	4690	"	"	"	SILT GRAVEL	"					
A089	912(?) 0150	"	"	"	"	BROWN	SILT SAND	"					
A090	912(?) 1100	"	"	"	C 1"	LIGHT BROWN	SILT SAND	"					
A091	912(?) 1150	"	"	"	C 3"	BROWN	SAND GRAVEL	"					
A092	STB 911 0100	"	"	"	C 7"	"	SILT SAND	"					
A093	911 0150	"	"	"	C 3"	"	SAND GRAVEL	"					
A094	911 1100	"	"	"	B 7"	"	SILT SAND	"					
A095	911 1150	"	"	"	C 7"	DARK BROWN	SAND GRAVEL	"					
A096	STB 910 0100	"	"	"	C 5"	BROWN	SILT SAND	"					
A097	STB 910 0150	"	"	"	C 3"	"	SILT SAND GRAVEL	"					
A098	910 1100	"	"	"	C 4"	"	SAND GRAVEL	"					
A099	910 1150	"	"	"	C 3"	"	"	"					



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. Choi

 AREA: Sallas Creek

 DATE: August 13, 1970

 PROJECT: 406

 LOCATION REF.: 5500' Contour

AMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
AC-200	STB-2623	↓	Mountainous hill	Soil B	10'	Greyish brown	silt, sand & some pebbles	wh. L. & black laminated crystalline limestone				
AC-201	50' S from AC-200	↓	"	Soil B	12"	Dark brown	silt & fine sand					
AC-202	100' S from AC-200	↓	"	Tablet B	12"	Greyish black	silt & fine sand	minor roots				
AC-203	50' N from AC-200	↓	"	Soil C	14"	"	silt & sand	Grass				
AC-204	100' W from AC-200	↓	"	Soil C	14"	Dark brown	silt & fine sand					
AC-205	150' W from AC-200	↓	"	Soil C	12"	Greyish black	silt & sand	Rock sample AJ-02				
AC-206	200' W from AC-200	↓	"	Soil B	10"	Brownish black	"	Grass overburden				
AC-207	250' W from AC-200	↓	"	Soil B	9"	"	silt & fine sand					
AC-208	300' W from AC-200	↓	"	Soil B	8"	Dark grey	silt & sand	Overburden				
AC-209	350' W from AC-200	↓	"	Soil B	6"	Dark brown	silt & fine sand	Outcrop (limestone)				
AC-210	400' W from AC-200	↓	"	Soil B	8"	"	"					
AC-211	STB-2621	↘	"	Soil B	6"	Brown	silt & sand					
AC-212	50' N AC-211	↘	"	Soil B	7"	Greyish brown	silt & fine sand					
AC-213	100' N AC-211	↓	"	Soil B	8"	Dark brown	silt & fine sand	Some roots				
AC-214	150' N AC-211	↓	"	Soil B	10"	Brownish black	silt & fine sand					



## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR:

C. Choi

AREA:

Sallas Creek

DATE:

Aug 13.14/1970

PROJECT:

406

LOCATION REF.:

5500' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
Ac-215	200' N from Ac-211	↓	Mountainous hill	Soil B	10"	Dark brown	silt & fine sand						
Ac-216	STB -2620	↓	"	Soil A	5"	Brownish black	silt & fine sand	thick silt some roots					
Ac-217	50' N from Ac-216	↓	"	Soil A	6"	"	silt & fine sand	thick silt some roots Organic zone					
Ac-218	100' N from Ac-216	↓	"	Soil A	5"	Greyish black	silt & fine sand	Organic material					
Ac-219	150' N from Ac-216	↓	"	Soil A	8"	Brownish black	silt & fine sand	Organic					
Ac-220	STB -2619	↓	"	Soil B	10"	black	silt & fine sand						
Ac-221	50' N from Ac-220	↓	"	Soil B	12"	Greyish black	"	mineralized fragments. (argillite)					
Ac-222	100' N from Ac-220	↓	"	Talus B	10"	Greyish black	silt, sand & some gravel	black top soil					
Ac-223	150' N from Ac-220	↓	"	Talus B	7"	"	silt & sand	Grass					
Ac-224	200' N from Ac-220	↓	"	Talus A	6"	Dark brown	"	lots of roots					
Ac-225	250' N from Ac-220	↓	"	Soil A	7"	Greyish black	silt & sand	some roots					
Ac-226	300' N from Ac-220	↓	"	Soil A	10"	Dark brown	"	minor roots					
Ac-227	350' N from Ac-220	↓	"	Talus B	9"	Greyish brown	"						
Ac-228	400' N from Ac-220	↓	"	Talus B	10"	"	silt & sand						
Ac-229	450' N from Ac-220	↓	"	Talus B	10"	Dark brown	"						





## CANADIAN JOHNS-DANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR:

C. Choi

AREA:

Sallus Creek (Anomaly A)

DATE:

Aug. 18, 1970

PROJECT:

406

LOCATION REF.:

5250' contour.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
AC-233	30' NW from C.P. (12.2.117)	↓	Mountain hill	Soil B	10"	Dark Grey	fine sand & silt.						
AC-234	50' NW from 233	↓	"	Soil B	8"	Greyish brown	fine sand silt & minor gravel						
AC-235	100' NW from 233	↓	"	Soil B	10"	Grey	fine to medium sand & silt.						
AC-236	150' NW from 233	↓	"	Soil B	12"	Brown	silt, fine sand & some roots						
AC-237	200' NW from AC-233	↓	"	Soil B	6"	Brown	silt, fine sand & minor roots	on the mountain ridge.					
AC-238	250' NW from AC-233	↓	"	Soil B	12"	Greyish brown	silt, fine sand & minor roots	Ridge corner					
AC-239	300' NW from AC-233	↓	"	Soil B	12"	Dark Grey	fine sand, silt & some roots						
AC-240	350' NW from AC-233	↓	"	Soil B	14"	Brownish yellow	medium sand & silt.						
AC-241	400' NW from AC-233	↓	"	Soil B	6"	Dark brown	silt, fine sand & some roots	some gravels					
AC-242	450' NW from AC-233	↓	"	Soil B	10"	Yellowish brown	silt, fine sand & minor roots						
AC-243	500' NW from AC-233	↓	"	Soil B	8"	Dark Grey	fine sand & silt.						
AC-244	550' NW from AC-233	↓	"	Talus B	7"	Greyish brown	fine sand, silt, minor roots & some gravels						
AC-245	600' NW from AC-233	↓	"	Talus B	5"	Greyish black	sand, silt & some gravels						
AC-246	650' NW from AC-233	↓	"	Soil B	6"	Brownish black	fine sand, yellow & some gravels						
AC-247	700' NW from AC-233	↓	"	Soil B	7"	"	"						



# CANADIAN JOHNS-DANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

C. Choi

AREA: Sallus Creek (Anomaly A)

DATE: Aug 19<sup>th</sup> 1970

PROJECT: 406

LOCATION REF.: 5250' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
Ac-248	750' NW from Ac-233	↓	Mountain hill	Soil A	7"	Greyish black	silt, fine sand & some gravel	black top soil				
Ac-249	800' NW from Ac-233	↓	"	Soil B	10"	Greyish brown	"					
Ac-250	850' NW from Ac-233	↓	"	Talus A	12"	Greyish black	silt, gravel & minor organic	Poplars & Grass				
Ac-251	900' NW from Ac-233	↓	"	Talus B	14"	"	silt, fine sand & minor roots					
Ac-252	950' NW from Ac-233	↓	"	Talus B	10"	"	silt, pebbles & gravels	minor roots				
Ac-253	1000' NW from Ac-233	↓	"	Soil A	10"	Dark brown	fine sand, silt & minor roots					
Ac-254	1050' NW from Ac-233	↓	"	Soil B	14"	Dark brown	medium sand & silt.					
Ac-255	1100' NW from Ac-233	↓	"	Talus B	14"	Brownish black	medium sand, silt & gravels					
Ac-256	1150' NW from Ac-233	↓	"	Talus B	10"	Dark brown	fine sand, silt & some pebbles					
Ac-257	1200' NW from Ac-233	↓	"	Soil A	10"	Brownish black	fine sand, silt & minor organic					
Ac-258	1250' NW from Ac-233	↓	"	Soil A	8"	Brownish black	"					
Ac-259	1300' NW from Ac-233	↓	"	Soil B	7"	Greyish brown	silt, fine sand & minor roots					
Ac-260	1350' NW from Ac-233	↓	"	Soil B	6"	Dark brown	"					
Ac-261	1400' NW from Ac-233	↓	"	Soil B	11"	Brown	silt, medium sand & minor roots					
Ac-262	1450' NW from Ac-233	↓	"	Soil A	13"	Grey	silt, clay & minor sand	dry crack				



## CANADIAN JOHNS-DANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

C. Choi

AREA: Sallus Creek (Anomaly A)

Aug. 20, 1970

PROJECT: 406LOCATION REF.: 57 50' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
Ac-266	END of NE side crak.	↓	Plateau (opening of ridge)	Soil A	4"	Grayish black	Silt & fine sand some roots						
Ac-267	50' NW from Ac-266	↓	"	Soil B	6"	Grayish brown	Silt & fine sand						
Ac-268	100' NW from Ac-266	↓	"	Soil A	3"	Gray & brown	fine to medium sand						
Ac-269	150' NW from Ac-266	↓	"	Soil A	5"	Dark Gray	Silt, fine sand & some pebbles						
Ac-270	200' NW from Ac-266	↓	"	Soil A	3"	Dark brown	Silt & fine sand						
Ac-271	250' NW from Ac-266	↓	"	Soil A	5"	Dark brown	Silt & fine sand many roots						
Ac-272	300' NW from Ac-266	↓	"	Talus B	6"	Gray & brown	Coarse sand & pebbles	small cl. H.					
Ac-273	50' NW from STA-2552	↓	"	Talus A	6"	Gray & brown	Medium to coarse sand & some pebbles						
Ac-274	50' NW from Ac-273	↓	"	Talus A	2"	"	Silt & Medium to coarse sand						
Ac-275	100' NW from Ac-273	↓	"	Talus A	5"	Gray	Silt & fine sand some pebbles						
Ac-276	150' NW from Ac-273	↓	"	Soil A	6"	Brownish black	Sand, Silt & roots						
Ac-277	200' NW from Ac-273	↓	"	Soil A	6"	Dark brown	"						
Ac-278	250' NW from Ac-273	↓	"	Soil A	8"	Dark brown	Silt, fine sand & some pebbles						
Ac-279	300' NW from Ac-273	↓	"	Soil B	10"	Gray	" some roots						
Ac-280	350' NW from Ac-273	↓	"	Soil A	5"	Brownish black	fine sand, Silt & some roots	100' 575' NW down from Ac-279					

## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

AREA: Sallus Creek (Anomaly A)DATE: Aug 20, 21, 1970PROJECT: 406LOCATION REF.: 5750' contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
Ac-281	400' NW 5' Ac-273	↓	Plateau	Soil B	8"	Dark gray	fine sand & silt.						
Ac-282	450' NW 5' Ac-273	↓	Mountainous hill	Soil A	6"	Gray	fine sand, silt & minor roots						
Ac-283	500' NW 4' Ac-273	↓	"	Soil A	8"	Dark brown	"						
Ac-284	BST - 2649	↓	"	Soil A	7"	"	fine sand, silt & some roots						
Ac-285	50' NW 5' Ac-284	↓	"	Soil A	10"	Yellowish brown	fine sand & silt.						
Ac-286	100' NW 1' Ac-286	↓	"	Soil B	6"	Dark brown	silt, sand & minor roots						
Ac-287	150' NW 1' Ac-284	↓	"	Soil A	3"	"	"						
Ac-288	BST-2548	↓	"	Soil A	5"	Reddish brown	fine sand, silt & some roots						
Ac-289	50' NW 5' Ac-288	↓	"	Soil A	5"	Dark brown	sand, silt & some roots						
Ac-290	100' NW 4' Ac-288	↓	"	Soil A	4"	brown	silt & fine sand						
Ac-291	150' NW 5' Ac-288	↓	"	Soil A	6"	Brown	silt, fine sand & some organic material						
Ac-292	200' NW 5' Ac-288	↓	"	Soil A	4"	Dark brown	silt & fine sand						
Ac-293	250' NW 4' Ac-288	↓	"	Soil B	6"	Dark Gray	silt, fine sand & minor roots						
Ac-294	300' NW 4' Ac-288	↓	"	Soil A	6"	brown	silt & fine sand						
Ac-295	350' NW 4' Ac-288	↓	"	Soil A	7"	"	some organic material						





# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J. KERR; C. P. LIN

 AREA: SALLUS CREEK AREA  
ANOMALY A

 DATE: SEPT 16, 1970

 PROJECT: 406

 LOCATION REF.: A-310 = AC-244

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	ROAD-CUT SAMPLES REMARKS	ANALYTICAL RESULTS			
A-310	AC-244 +00 N	30°W	5250'	TALS		GREY	GRAVEL SAND	MASSIVE MARBLE WITH BLACK & WHITE BANDS				
A-311	+25 N	:	:	:		BLACK	SAND	BLACK ARGILLITE WITH BROWN RUST				
A-312	AC-245	:	:	:		YELL. GREY	SAND SILT	MASSIVE, COLOR-BANDED MARBLE				
A-313	+25 N	:	:	:		BLuish BLACK	GR. SAND	BLACK FISSILE ARGILLITE				
A-314	AC-246	:	:	:		BLACK	:	:				
A-315	+25 N	:	:	:		:	:	:				
A-316	+50 N	:	:	:		:	:	:				
A-317	+75 N	:	:	:		:	:	:				
A-318	AC-247	:	:	:		BR. YELLOW LIGHT YELL. BLACK	:	SLABBY ARGILLITE, STAINED BROWNISH YELLOW				
A-319	+25 N	:	:	:		YELLOW BLACK	:	BLACK FISSILE ARGILLITE & BROWN SLABBY ARGILLITE				
A-320	AC-248	:	:	:		BLACK	:	BLACK FISSILE ARGILLITE WITH LOCAL, WHITE STAIN				
A-321	+25 N	:	:	:		:	:	BLACK FISSILE ARGILLITE				
A-322	AC-249	:	:	:		:	:	:				
A-323	+25 N	:	:	:		:	:	:				
A-324	AC-250	:	:	:		:	:	LOCAL, WHITE STAIN				

## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: J. KERR; C. P. LIN

SALLUS CREEK AREA  
AREA: ANOMALY A

DATE: SEPT. 16, 1970

PROJECT: 406

LOCATION REF.: A-326 = AC-251

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
A-325	AC-250 + 25 N	30°W	5250'	TALUS		BLACK	GRAVEL SAND	BLACK FISSILE ARGILLITE, (0.5" - 2" CLEAVAGE) MASSIVE, COLOR-BANDED MARBLE				
A-326	AC-251	:	:	:		:	:	:				
A-327	AC-251 + 25 N	:	:	:		DARK BR. GREY	SILT GRAVEL	:				
A-328	AC-252	:	:	:		GREYISH BLACK	:	:				
A-329	AC-252 + 25 N	:	:	:		:	:	MASSIVE, COLOR-BANDED MARBLE				
A-330	AC-253	:	:	:		BLACK, YELLOW	SAND SILT	MASSIVE, COLOR-BANDED MARBLE, WEATHERED DYKE				
A-331	AC-253 + 25 N	:	:	:		BLACK, BROWN	:	BLACK ARGILLITE, CLOSE TO WEATHERED DYKE (?)				
A-332	AC-254	:	:	:		:	:	SLABBY, RUSTY ARGILLITE, (2" - 4" CLEAVAGE) DRAG FOLD, WHITE WEATHERED DYKE				
A-333	AC-254 + 25 N	:	:	:		BLACK, YELLOW	:	SLABBY ARGILLITE, YELLOW WEATHERED DYKE				
A-334	AC-255	:	:	:		LIGHT BROWN	GRAVEL, SAND, SILT	MASSIVE, COLOR-BANDED MARBLE				
A-335	AC-233(?)	:	:	:		BL. YEL, WHITE, BR.	:	BLACK, SLABBY ARGILLITE; MARBLE CONTACT				
A-336	AC-233 + 50'S	:	:	:		:	:	CONTACT: BLACK SLABBY ARGILLITE & MARBLE				
A-337	AC-233 + 100'S	:	:	:		DARK BR. WHITE	:	:				
A-338	AC-233 + 150'S	:	:	:		BR. BL. YEL. WHITE	:	:	(6" - 1' CLEAVAGE)			
A-339	AC-233 + 200'S	:	:	:		BR, BL. YEL.	:	:				





# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

*Rock Sample*

COLLECTOR: C. Choi

AREA: Saltus Creek

DATE: Oct 6, 1970

PROJECT: 406

LOCATION REF: 5000' Contour Trench  
pt 0000 55° N 15° E from A-000

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	Rock SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
AC-400	25' NW from 0000	↓	Mountainous hill	Red (Talus) Rock	10'	Reddish black & yellow staining	Block argillite	in trench.				
AC-401	50' NW from 0000	↓	"	Talus	9'	Reddish brown & greyish black	"					
-402	75' NW from 0000	↓	"	Talus	9'	"	"	leached sulphate minerals				
-403	100' NW from 0000	↓	"	Talus	11'	"	"	leached sulphate minerals				
-404	125' NW from 0000	↓	"	Talus	13'	Greyish black & orange staining	"					
-405	150' NW from 0000	↓	"	Talus	14'	"	"					
406	175' NW from 0000	↓	"	Talus	15'	"	"					
407	200' NW from 0000	↓	"	Talus	18'	"	"	leached sulphate mineral				
408	225' NW from 407	↓	"	Talus	14'	"	"	"				
409	250' NW from 407	↓	"	Talus	15'	Greyish black Red & yellow staining	"	highly weathered & oxidized sulphate minerals.				
410	275' NW from 407	↓	"	Talus	12'	"	"	"				
411	100' NW from 407	↓	"	Talus	14'	"	"	"				
412	125' NW from 407	↓	"	Talus	11'	Greyish black Reddish staining	"					
413	150' NW from 407	↓	"	Talus	18'	Greyish black & orange staining	"	highly weathered & oxidized.				
414	175' NW from 407	↓	"	Talus	16'	"	"	"				

# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

*Rock Sample*

COLLECTOR: C. Choi

AREA: Sallis Creek

DATE: Oct 6, 1970

PROJECT: 406

LOCATION REF: 5000 contour tranch, at 0.00 55° N 35° E fr. 11-000

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
AC 415	200' N fr 407	↓	Mountain hill	Talus Bed Rock	12'	Grayish black reddish stain	Black argillite	beside + Argillite clay.					
AC-416	400' N fr 407	↓	Mountain hill	Talus C.	5'	Gray & Grayish black	Talus & silt	in Argillite talus					
-417	425' N fr 407	↓	"	Talus C.	6'	"	fragments & silt	"					
-418	430' N fr 407	↓	"	Talus C.	7'	Grayish black & reddish stain	"	"					
-419	475' N fr 407	↓	"	Talus C.	6'	Grayish black & Reddish brown	"	"					
-420	500' N fr 407	↓	"	Talus C.	5'	black	mineral oxide	"					
-421	525' N fr 407	↓	"	Talus C.	7'	Grayish black	fragments & silt, mineral oxide	"					
-422	550' N fr 407	↓	"	Talus C.	6'	"	"	"					
-423	575' N fr 407	↓	"	Talus C.	7'	Grayish black & Reddish brown	"	Talus					
-424	600' N fr 407	↓	"	Talus C.	7'	Grayish black	"	in Disconcretion					
-425	625' N fr 407	↓	"	Talus C.	5'	"	Gravel & silt	"					

# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG-PIN LIN

AREA: C ANOMALY

DATE: JUNE 17, 1970

PROJECT: 406

LOCATION REF.: (SEE MAP) 180' S50°W OF L-53

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
C-01	0+00S	40°	2820'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-02	0+50S	40°	2800'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-03	OFFSET 50' S 30°W	40°	2860'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-04	1+00S	40°	2830'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-05	OFFSET 30'N 1+50S	38°	2800'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-06	OFFSET N 2+00S	38°	2780'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-07	2+50S	38°	2770'	TALUS & SOIL	C 4"	GREY	GRAVEL SAND	ORGANIC ROOTS					
C-08	3+00S	38°	2780'	TALUS & SOIL	C 5"	GREY	GRAVEL SAND	ORGANIC ROOTS					
C-09	3+50S	40°	2780'	TALUS & SOIL	C 5"	GREY	GRAVEL SAND	ORGANIC ROOTS					
C-10	4+00S	40°	2760'	TALUS	C 5"	DARK GREY	GRAVEL SAND	NO ORGANIC ROOTS					
C-11	4+50S	40°	2760'	TALUS	C 4"	GREY	GRAVEL SAND	NO ORGANIC ROOTS					
C-12	5+00S	40°	2810'	TALUS	C 3"	GREY	GRAVEL SAND	NO ORGANIC ROOTS					
C-13	5+50S	40°	2810'	TALUS	C 5"	GREY	GRAVEL	NO ORGANIC ROOTS					

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C B LITTLE

 AREA: Sallus Creek

 DATE: July 6/70

 PROJECT: 406

 LOCATION REF.: 4000' contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
C 014	SSB 730	37°	4000'	Soil	B/4	Bk	ST. CL.	ORGANIC ROOTS					
C 015	730 50	"	"	"	"/10	"	"	" "					
C 016	730 +100	"	"	Soil Talus	C/2	"	" "GR.	" "					
C 017	730 +150	"	"	"	"/11	"	" " "	" "					
C 018	729 <sup>SSB</sup>	"	"	Soil	B/2	"	ST. CL.	" "					
C 019	729 50	"	"	"	"/11	"	ST.	" "					
C 020	729 +100	"	"	Soil Talus	C/3	"	ST Gr.	" "					
C 021	729 +150	"	"	Soil	B/2	Bk Bk	ST Gr.	" "					
C 022	SSB 728	"	"	Soil Talus	C/3	Bk	ST	" "					
C 023	728 +50	"	"	"	C/4	"	ST. CL.	" "					
C 024	728 +100	"	"	"	"/11	"	ST. Gr.	" "					
C 025	728 +150	"	"	Talus	"/11	"	SD. Gr.	" "					
C 026	727 <sup>SSB</sup>	"	"	Soil	B/3	"	ST SD.	" "					
C 027	727 50	"	"	Soil Talus	C/2	"	ST Gr.	" "					
C 028	727 +100	"	"	Soil	B/3	"	ST	" "					



# CANADIAN JOHNS-ON ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C BIRNIE

 AREA: Sallus Creek

 DATE: July 6 / 70

 PROJECT: 406

 LOCATION REF.: 4000' CONTOUR

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1 029	727 +150	35°	4000'	Soil	B/3"	Bl. Br.	ST. Hu.	ORGANIC ROOTS					
C 030	SSB 726	"	4000'	Soil	B/4"	"	"	" "					
C 031	726 +50	"	"	"	B/3"	BR.	ST.	" "					
C 032	726 +100	"	"	Talus	"/1"	"	SD. Gr.	" "					
C 033	726 +150	"	"	"	2"	BL.	"	" "					
C 034	STB 725	"	"	"	"/1"	Gr. Br.	"	" "					
C 035	725 +50	"	"	"	"	BL.	"	" "					
C 036	725 +100	"	"	"	1"	Gr. Bl.	"	" "					
C 037	725 +150	40°	"	"	"	"	"	" "					
C 038	STB 724	"	"	"	"	Gr.	"	" "					
C 039	724 +50	"	"	Talus	4"	D.Br.	"	" "					
C 040	724 +100	38°	"	"	"	Br.	ST SD Gr.	" "					
C 041	724 +150	"	"	Soil Talus	C/4"	Br. BL.	"	" "					
C 042	STB 723	"	"	Talus	5"	"	SD Gr.	" "					
C 043	723 +50	"	"	Soil Talus	C/3"	Br. Gr.	"	" "					



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: Chong-Pin Lin

DATE: June 2, 1970

PROJECT: Sallus Creek 406

AREA: Line immediately below 9c, South fork Sallus Cr.

LOCATION REF.: 0 point: 150' South I.P. Sallus 5

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY ELEV. ft	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
D-01	0+00	40°N	2340	Talus	-	Br/Red	Sand Gravel	Rock-Pyritiferous	Diorite				
D-02	0+50W	=	=	=	-	Br/Red	=	=	=				
D-03	1+00W	=	=	=	-	Br/Red	Sand	=	=				
D-04	1+90W	=	=	=	-	more Br/Red	Silt Sand Gravel	=	=				
D-05	2+00W	=	2310	=	-	Br.	Silt Sand	=	=				
D-06	2+50W	=	=	=	-	Br.	=	=	=				
D-07	2+80W	=	2430	=	-	Br/Yel.	=	=	=				
D-08	3+50W	42°N	2460	POSSIBLE SOIL	A HOR. 6"	dark Br.	Silt	Cashe Creek Group,	organic roots				
D-09	4+00W	=	2490	Talus	-	Br	Gravel Sand	=	=				
D-10	4+50W	=	=	SOIL + Talus	-	Br/Gr.	=	=	=				
D-11	5+00W	=	=	Talus	-	Gr.	Silt	=	=				
D-12	5+50W	=	2500	POSSIBLE SOIL	C HOR. 6"	Gr.	Rock, Silt	=	=				
D-13	6+00W	=	=	SOIL	C 6"	Br.	=	=	=				
D-14	6+50W	39°N	=	=	C 8"	Br/Gr.	Silt	=	=				
D-15	7+00W	=	=	=	C 8'	Br/Gr.	Rock Silt	=	=				

corresponding to SSK-1174

organic roots



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG - PIN LIN

 AREA: E ANOMALY

 DATE: JUNE 18 1970

 PROJECT: 406

 LOCATION REF.: (SEE MAP) 200' WEST OF T-184

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E-01	N0+00W	34°	4000'	TALUS & SOIL	C 4"	GREY	SAND GRAVEL	ORGANIC ROOTS					
E-02	N0+50W	35°	3980'	"	C 5"	"	"	"					
E-03	N1+00W	42°	3975'	TALUS	C 2"	"	"	"					
E-04	N1+50W	40°	3920'	"	C 4"	"	"	"					
E-05	N2+00W	42°	3960'	TALUS & SOIL	C 4"	"	"	"					
E-06	N2+50W	40°	3980	"	C 3'	"	"	"					
E-07	N3+00W	42°	"	"	C 1"	"	"	"					
E-08	N3+60W	35°	4000'	"	C 3"	YELLOW & GREY	"	"					
E-09	N4+30W	40°	3990'	"	"	GREY	"	"					
E-10	N4+80W	"	4000'	"	C 1"	LIGHT GREY	"	"					
E-11	N5+20W	44°	"	"	C 1"	"	"	ORGANIC ROOT BY SB3 487					
E-12	N5+00W	40°	"	TALUS	C 3"	ORANGE YELLOW	"	ORGANIC ROOTS					
E-13	N6+30W	38°	"	"	C 5"	LIGHT BROWN	"	"					
E-14	N6+80W	"	"	"	"	"	"	"					
E-15	N7+30W	"	4015'	"	"	GREY	"	"					

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG-PIN LIN

 AREA: E ANOMALY

 DATE: JUNE 18 1970

 PROJECT: 406

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E-16	N7+80W	38°	4015'	TALUS	5" B	GREY	SAND & GRAVEL	ORGANIC ROOTS					
E-17	N8+30W	"	4020'	"	6" B	GREY & BROWN	"	"					
E-18	N8+80W	35°	4015'	"	"	"	"	"					
E-19	N9+30W	"	4020	"	4" B	GREY	"	"					
E-20	N9+80W	36°	4025	"	3" B	"	"	"					
E-21	N10+30W	"	4015	"	4" B	"	"	"					
E-22	N10+80W	"	"	"	5" B	"	"	"					
E-23	N11+50W	33°	"	"	1" B	"	SILT SAND GRAVEL	NO ORGANIC ROOTS					
E-24	N12+00W	40°	4010	"	"	"	"	ORGANIC ROOTS BY SBB 420					
E-25	N12+50W	"	"	"	"	YELLOW	SAND SILT	ORGANIC ROOTS					
E-26	N13+00W	"	"	"	5" B	GREY	SAND GRAVEL	"					
E-27	N13+50W	"	"	"	6" B	"	"	"					
E-28	N14+20W	"	"	"	1" B	"	"	NO ORGANIC ROOTS					
E-29	N14+50W	"	3995	"	4"	"	"	ORGANIC ROOTS					
E-30	OFFSET 30'S N15+00W	"	3975	"	"	"	"	"					

# CANADIAN JOHNS-INVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG-PIN LIN

 AREA: E-ANOMALY

 DATE: JUNE 18 1970

 PROJECT: 406

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E 31	N15+50W	40°	3940'	TALUS & SOIL	C 5"	BROWN GREY	SAND & GRAVEL	NO ORGANIC ROOTS					
E 32	N16+00W	"	"	"	"	GREY	"	ORGANIC ROOTS					
E 33	N16+80W	"	3950'	"	"	"	"	"					
E 34	N17+30W	"	3920	TALUS	2"	GREY	"	NO ORGANIC ROOTS					
E 35	N17+80W	"	"	"	1"	"	"	"					
E 36	N18+30W	38°	3940'	"	2"	"	"	"					
E 37	N18+80W	37°	3820	"	3"	"	"	"					
E 38	S 20° E SET W N19+30W	37	3910'	TALUS & SOIL	C 3"	GREYISH BROWN	"	ORGANIC ROOTS					
E 39	N 20+10W	"	3820	"	C 2"	BLUISH YELLOW	"	"					
E 40	N20+60W	"	"	"	C 1"	LIGHT BROWN	"	"					
E 41	N21+40W	"	3900	"	C 3"	"	"	"					
E 42	N21+90W	"	3920	"	C 5"	"	"	"					
E 43	N 22+40W	40°	3940"	"	C 3"	"	"	"					
E 44	N22+90W	"	3950	"	"	"	"	"					
E 45	N 23+40W	"	3960	"	C 5"	GREY	"	"					





# CANADIAN JOHNS. MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG-PIN LIN

 AREA: E ANOMALY

 DATE: JUNE 19 1970

 PROJECT: 406

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E51	27+50	35°	4015	SOIL & TALUS	C 3"	ORANGE	SAND GRAVEL	ORGANIC ROOTS					
E52	28+00	37°	"	"	C 1"	LIGHT BROWN	"	"					
E53	28+50	"	4000	"	"	"	"	"					
E54	29+00	35	"	"	C 4"	"	"	"					
E55	29+50	32°	"	"	C 4"	"	"	"					
E56	30+00	"	4010	"	C 2"	"	"	"					
E57	30+50	"	4000	"	C 4"	"	"	"					
E58	31+00	"	"	"	C 2"	"	"	"					
E59	31+50	"	"	"	C 3"	"	"	"					
E60	32+00	"	"	"	"	"	"	"					
E61	32+50	"	4018	"	"	"	"	"					
E62	33+00	"	4010	"	C 2"	"	"	"					
E63	33+50	"	"	"	"	"	"	"					
E64	34+00	28°	4000	SOIL	C 3"	BROWN	"	"					
E65	34+50	25°	3980	"	C 3"	"	"	"					



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG-PIN LIN

 AREA: E-ANSHALY

 DATE: JUNE 22, 1970

 PROJECT: 406

 LOCATION REF.: STB 496

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E071	0+00 W	35°	3520	TALUS (FINE)	7"	BROWN	SAND & GRAVEL	BY SBD 476 ORGANIC ROOTS					
E072	0+50 W	"	"	"	"	"	"	ORGANIC ROOTS					
E073	1+00 W	"	"	"	"	LIGHT BROWN	"	"					
E074	1+50 W	"	"	"	"	GREYISH BROWN	"	"					
E075	1+75 W	"	"	"	"	BROWNISH YELLOW	"	BY STB 435 ORGANIC ROOTS					
E076	2+25 W	"	3530	"	"	LIGHT BROWN	"	ORGANIC ROOTS					
E077	2+75 W	"	"	"	5"	"	"	"					
E078	50' OFF SET SW 3+25 W	"	3520	"	6"	"	"	"					
E079	3+75 W	30	3500	"	"	"	"	BY STB 494 ORGANIC ROOTS					
E080	4+25 W	"	"	"	5"	"	"	ORGANIC ROOTS					
E081	4+75 W	25	"	"	"	"	"	"					
E082	5+25 W	"	3470	"	"	GREY	"	"					
E083	5+75 W	"	3530	"	2"	GREYISH BROWN	"	"					
E084	6+25 W	"	"	"	3"	BROWN	"	"					
E085	6+75 W	"	3510	"	4"	LIGHT BROWN	"	"					

# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHENG-PIN LIN

 AREA: E-ANOMALY

 DATE: JUNE 22 1970

 PROJECT: 406

 LOCATION REF.: STB 496

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E086	7+25 W	28	3510	TALUS FINE	3"	GREY	SAND & GRAVEL	ORGANIC ROOTS					
E087	7+75 W	30	"	"	"	"	SAND & GRAVEL	"					
E088	8+25 W	32	3500	"	5"	REDDISH GREY	"	"					
E089	8+65 W	"	"	"	3"	BROWN	"	"					
E090	9+15 W	"	"	"	4"	GREY	"	"					
E091	9+65 W	"	"	"	5"	GREYISH BROWN	"	"					
E092	10+15 W	28	"	"	"	GREY	"	"					
E093	10+65 W	"	"	"	"	LIGHT BROWN	"	"					
E094	11+15 W	"	"	"	"	"	"	"					
E095	11+65 W	"	"	"	"	"	"	"					
E096	12+15 W	30	3520	"	"	GREYISH BROWN	"	SSK? ORGANIC ROOTS					
E097	12+65 W	"	"	TALUS	12"	"	GRAVEL	ORGANIC ROOTS					
E098	13+15 W	"	"	"	4"	GREY	GRAVEL SAND	"					
E099	13+55 W	"	"	"	3"	"	"	NO ORGANIC ROOTS					
E100	14+05 W	"	"	"	"	"	"	ORGANIC ROOTS					

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG - PIN LIAI

 AREA: E ANIMALY

 DATE: JUNE 22, 1970

 PROJECT: 406

 LOCATION REF.: STB 496

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E101	14+55 W	28°	3530	TALUS	3"	LIGHT BROWN	SAND GRAVEL	BY 55K 1106? ORGANIC ROOTS					
E102	15+05 W	32°	"	"	"	BROWN	"	ORGANIC ROOTS					
E103	15+55 W	34°	3550	"	4"	LIGHT BROWN	"	"					
E104	16+05 W	38°	3530	"	5"	ORANGE BROWN	"	"					
E105	16+55 W	"	"	"	3"	BROWN	"	"					
E106	17+05 W	37°	"	"	2"	"	"	"					
E107	17+55 W	"	"	"	4"	LIGHT BROWN	"	"					
E108	18+05 W	"	"	"	"	"	"	"					
E109	18+55 W	"	"	"	"	"	"	"					
E110	19+05 W	"	"	"	3"	"	"	SIX 1111 ORGANIC ROOTS					
E111	19+55 W	"	3520	"	2"	"	"	ORGANIC ROOTS					
E112	20+05 W	40°	3510	"	5"	"	"	"					
E113	20+55 W	41°	"	"	4"	GREY	"	"					
E114	21+05 W	30°	3530	"	3"	GREYISH BROWN	"	"					
E115	21+55 W	"	3540	"	"	LIGHT BROWN	"	"					

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG-PIN LIN

 AREA: E - AREA 33

 DATE: JUNE 22, 1970

 PROJECT: 406

 LOCATION REF.: STB 496

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E116	22+05 W	40'	3500	3"	TALUS	BROWN	SANDY SILT	ORGANIC ROOTS					
E117	22+55 W	"	3530	"	"	LIGHT BROWN	"	"					
E118	23+05 W	"	3520	"	"	"	"	"					
E119	23+55 W	"	"	"	"	"	"	"					
E120	24+05 W	"	3500	"	"	GREY	"	"					
E121	24+55 W	"	3510	2"	"	LIGHT BROWN	"	"					
E122	25+05 W	"	"	4"	"	GREYISH BROWN	"	"					
E123	25+55 W	35	3520	"	"	"	"	"					
E124	26+05 W	"	3560	3"	"	LIGHT BROWN	"	"					
E125	26+55 W	"	3530	"	"	"	"	"					
E126	27+05 W	30'	3520	"	"	"	"	"					
E127	27+55 W	"	"	"	"	GREYISH BROWN	"	"					
E128	28+05 W	"	"	C 3"	SOIL & TALUS	LIGHT BROWN	"	"					
E129	28+55 W	"	"	C 4"	"	"	"	"					
E130	29+05 W	"	3540	C 3"	"	"	"	"					



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG PIN LIN

 AREA: E ANOMALY

 DATE: JUNE 23, 1970

 PROJECT: 406

 LOCATION REF.: ① 120' EAST OF SSK 1412 (?)  
 ② E 140 IS 800' N60°W OF  
 CLAIMPOST #E1, #E2, #E3

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
E132	0+00 SE	31°	4500	SOIL	C 4"	BROWN	GRAVEL SILT SAND	ORGANIC ROOTS				
E133	0+50 SE	"	"	"	B 5"	REDDISH BROWN	SILT & GRAVEL	"				
E134	1+00 SE	30°	"	"	B 4"	BROWN	"	"				
E135	1+50 SE	"	"	"	B 3"	BROWNISH GREY	SILT	"				
E136	2+00 SE	35°	"	"	"	"	"	"				
E137	2+50 SE	"	4520	"	"	BROWN	"	"				
E138	3+00 SE	25°	4600	SOIL & TALUS	C 3"	ORANGE BROWN	SILT SAND GRAVEL	"				
E139	3+50 SE	40°	"	"	"	"	"	"				
E140	4+00 SE	"	"	"	"	"	"	"				
E141	4+50 SE	"	4540	"	"	"	"	"				
E142	45+00 SE	"	4500	TALUS	3"	"	"	NO ORGANIC ROOTS				
E143	5+50 SE	"	"	"	"	GREYISH BROWN	GRAVEL	ORGANIC ROOTS				
E144	6+00 SE	"	"	SOIL & TALUS	C 3"	ORANGE BROWN	SAND & GRAVEL	"				
E145	6+50 SE	"	"	"	C 2"	"	"	"				
E146	7+00 SE	30	4600	"	"	ORANGE	SAND &	"				



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: \_\_\_\_\_

AREA: \_\_\_\_\_

DATE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E147	7+50 SE	40°	4580	TALUS & SOIL	C 2"	GREY	SAND GRAVEL	ORGANIC ROOTS					
E148	8+00 SE	"	4540	"	C 2"	ORANGE	"	"					
E149	8+50 SE	"	"	TALUS FINE	2"	"	"	"					
E150	9+00 SL	"	4520	"	2"	"	"	"					
E151	OFFSET 100 N. OF E150 9+00 SE	42°	4700	"	"	BLUE & YELLOW	"	NO ORGANIC ROOTS					
E152	9+50 SE	38°	4670	"	"	BROWN	"	ORGANIC ROOTS					
E153	10+00 SE	"	"	"	"	"	"	"					
E154	30' OFFSET S 10+00 SE	"	4660	"	"	"	"	BY STR 1409 ORGANIC ROOTS					
E155	10+50 SE	"	"	"	"	"	"	ORGANIC ROOTS					
E156	11+00 SE	40°	4610	"	"	BROWN & GREY	"	"					
E157	11+50 SE	"	4600	"	"	GREY	"	"					
E158	12+00 SL	"	"	"	"	"	"	"					
E159	12+50 SE	38°	4530	"	"	BROWN	"	"					
E160	13+00 SE	"	4510	"	"	"	"	"					
E161	13+50 13+50 SE	"	4500	"	"	BLUE	"	"					

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: \_\_\_\_\_

AREA: \_\_\_\_\_

DATE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E162	14+00SE	38°	4480	TALUS	2"	BLUE GREY	GRAVEL SAND	ORGANIC ROOTS					
E163	14+50SE	"	"	"	"	LIGHT BROWN	"	"					
E164	20' OFFSET N 15+00SE	"	4500	"	"	GREY	"	"					
E165	15+50SE	"	4540	"	3"	ORANGE BROWN	"	"					
E166	16+00SE	"	4560	"	2"	BROWN	GRAVEL	"					
E167	16+50SE	"	"	TALUS & SOIL	C 2"	"	SAND & GRAVEL	"					
E168	10' OFFSET N 17+00SE	"	4580	"	C 4"	LIGHT BROWN	"	"					
E169	10' OFFSET N 17+50SE	"	4620	TALUS	2"	"	"	"					
E170	15' OFFSET N 18+00SE	"	4640	SOIL & TALUS	C 3"	"	"	"					
E171	18+50SE	35°	4620	"	C 3"	"	"	"					
E172	19+00SE	"	"	"	"	"	"	"					
E173	19+50SE	"	"	"	C 2"	PINKISH GREY	"	"					
E174	20+00SE	"	"	"	C 3"	BROWN	"	"					
E175	20+50SE	"	"	"	C 2"	"	"	"					
E176	21+00SE	"	"	"	"	"	"	"					



# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHONG PIN LIN

 AREA: E ANOMALY

 DATE: JUNE 24, 1970

 PROJECT: 406

 LOCATION REF.: STK 1035

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E196	07 STK. 1035 0+00 E	34°	3070	SOIL TALUS	C 2"	LIGHT BROWN	GRAVEL & SAND	STK 1035 ORGANIC ROOTS					
E197	0+50 E	"	"	"	"	"	"	ORGANIC ROOTS					
E198	1+00 E	"	"	"	"	"	"	"					
E199	1+40 E	"	3080	TALUS	4"	GREYISH BROWN	"	"					
E200	1+80 E	"	"	"	3"	GREY	"	STK 1034 ORGANIC ROOTS					
E201	2+50 E	"	"	"	2"	BROWN	"	ORGANIC ROOTS					
E202	3+00 E	35°	3050	"	3"	GREY	"	"					
E203	3+50 E	"	3040	"	4"	GREY	"	"					
E204	20' OFFSET E 4+00 E	"	3060	"	3"	BROWN	"	STK 1035 ORGANIC ROOTS					
E205	4+50 E	"	3100	"	4"	BROWN	"	ORGANIC ROOTS					
E206	5+00 E	"	"	SOIL	C 4"	DARK BROWN	SILT GRAVEL & SAND	"					
E207	5+50 E	"	3050	TALUS	3"	CRAYISH BROWN	SAND & GRAVEL	"					
E208	6+00 E	"	3070	"	4"	GREY	"	STK 1034 ORGANIC ROOTS					
E209	6+50 E	"	"	"	4"	BROWN	"	ORGANIC ROOTS					
E210	7+00 E	30	3080	"	"	"	"	"					



# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

TOPI: CHENG PIN LIN

AREA: E ANOMALY

DATE: JUNE 26, 1970

PROJECT: 406

LOCATION REF.: 325' N 58°E OF STK1030

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
E216	0+00 W	28°	3360	TALUS	5"	LIGHT BROWN	SAND & GRAVEL	ORGANIC ROOTS					
E217	0+50 W	"	"	"	3"	"	"	"					
E218	1+00 W	"	"	TALUS & SOIL	C 3"	GREY	"	"					
E219	1+50 W	25°	3340	TALUS	1"	LIGHT BROWN	SILT	"					
E220	2+00 W	"	"	"	"	"	"	"					
E221	2+50 W	"	"	"	"	"	"	"					
E222	3+00 W	"	3330	"	5"	"	SAND & GRAVEL	"					
E223	3+50 W	"	"	"	1"	"	"	"					
E224	4+00 W	"	"	"	"	"	"	"					
E225	4+50 W	"	"	"	"	ORANGE BROWN	"	"					
E226	5+00 W	37	3350	"	"	LIGHT BROWN	"	"					
E227	5+50 W	"	3390	"	3"	"	"	"					
E228	6+00 W	33	3370	"	"	GREY	"	"					
E229	6+50 W	"	"	"	1"	LIGHT BROWN	"	"					
E230	7+00 W	"	"	"	"	"	"	"					







B.S. ELEVATION Readings

3640 - 8:00 AM

3840 - 9:00 PM

CANADIAN JOHNS-ONVILLE Co. Ltd.

Cloudy &amp; Cool

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: ARNOLD GUSSEN

6000 Contour

AREA: Sallus CREEK

DATE: JUNE 8 1970

PROJECT: 406 N.E. sec.

LOCATION REF.: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSC 2494	0	/	THICKLY TIMBERED SLOPE JACKPINE SPRUCE & FIR	St C	B 6	B	M	Rolling hill like ground					
SSC 2495	200	/	" "	St C	B 6	B-LB	M	Schistic Rock Present Rocky type of ground					
SSC 2496	400	/	" "	St CC	B 8	B	M	Burnt off once many small trees					
SSC 2497	600	/	TAKEN IN AREA BELOW LARGE SPRUCE & JACKPINE	St C	B 10	B	M	Rather damp area					
SSC 2498	800	/	" "	St SC	B 12	LB	C	" "					
SSC 2499	1000	/	" "	St S	B 10	LB	F	" "					
SSC 2500	1200	/	TAKEN IN WET AREA LARGE TIMBER	St SC	B 8	B	M	odd ridges					
SSC 2501	1400	/	TOP OF SMALL RIDGE MANY LARGE TREES	St C	B 8	B	M	Numerous boulders					
SSC 2502	1600	/	JACKPINE COVERED SLOPE	St C	B 8	RB	M	Large Timber					
SSC 2503	1800	/	" "	St C	B 8	RB	M	" "					
SSC 2504	2000	/	" "	St C	B 10	B	M	MAINLY JACKPINE					
SSC 2505	2200	/	" "	St C	B 6	B-RB	M	" "					
SSC 2506	2400	/	LARGE OPEN HILLSIDE, GRASSY, SCATTERED JACKPINE	St C	B 6	B	F	GRASSY SLOPE OPEN					
SSC 2507	2600	/	" "	St C	B 8	LB	M	" "					
SSC 2508	2800	/	LARGE CLUMP OF SPRUCE damp	St C	B 6	B	M	Small draw grassy Full of timber					

## CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: A GUSSEN

6000 CONTOUR

AREA: Sallus CreekDATE: JUNE 8 1970PROJECT: 406LOCATION REF: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSG 2509	3000	→	CLUMPS OF JACK- PINE GRASSY OPEN SLOPE	StC	B 8	DB	M	LARGE OPEN GRASSY HILLSIDE, SCATTERED JACK- PINE					
SSG 2510	3200	→	GRASSY OPEN SLOPE NUMEROUS MARBLE OUTCROPS	StS	B 6	LB	M	" "					
SSG 2511	3400	↘	" "	StS	B 10	BL	M	" "					
SSG 2512	3600	↘	THICK CLUMP OF JACKPINE EDGE OF OPENS	StS	B 10	B	M	LARGE JACKPINE BURNED OFF ONCE WITH GRASS					
SSG 2513	3800	↘	" "	StS	B 8	B	M	" "					
SSG 2514	4000	↘	THICK LARGE SPRUCE WINDFALLS	StC	B 10	LB	M	" "					
SSG 2515	4200	↘	OPEN AREA GRASSY SLOPE SCATTERED JACKPINE	StS	B 8	BL	M	TAKEN BELOW MARBLE OUTCROP OPEN GRASSY					
STG 2516	4400	↘	THICKENED AREA OF MARBLE OUTCROPS	StSG	C 4	LB	M	" "					
SSG 2517	4600	↘	IN AREA OF MUCH MARBLE FLAT GRASSY SLOPE	StS	A 10	BL	M	SCATTERED JACKPINE & SPRUCE					
STG 2518	4800	↘	SMALL RIDGE OF EXPOSED MARBLE MUCH TALUS	StS	C 2	LB	M	" "					
SSG 2519	5000	↘	GRASSY OPEN SLOPE, SMALL RIDGE OF MARBLE EXPOSED	StSH	A+B 12	BL	M	UNABLE TO SECURE GOOD SAMPLE, SOME OUTCROPS					
SSG 2520	5200	↘	" "	StS	B 5	BLG	M	LARGE AMOUNT OF MARBLE FLAT PRESENT					
SSG 2521	5400	↘	" "	StS	B 5	LBL	F	" "					
SSG 2522	5600	↘	" "	StS	B 12	LB	M	" "					
SSG 2523	5800	↘	" "	StS	B 10	DB	M	" "					

# GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: A GUSSEN

6000 CONTOUR

 AREA: Sallus Creek

 DATE: JUNE 8 1970

 PROJECT: 406

 LOCATION REF: Lillooet BC

SAMPLE NO	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
SSG 2524	6000	/	GRASSY OPEN SIDE HILL SCATTER- ED, BOULDERS	StS	B 8	DB	M	SOME SCATTERED TIMBER SCATTERED ROCK & TALUS				
SSG 2525	6200	/	" "	StS	B 5	DBG	M	" "				
SSG 2526	6400	/	" "	StS	D 8	DBG	M	" "				
SSG 2527	6600	/	" "	StSH	A+B 12	PB	M	" "				
SSG 2528	6800	/	" "	StC	B 12	DB	M	" "				
SSG 2529	7000	/	" "	StS	B 6	B	M	" "				
SSG 2530	7200	/	SCATTERED SPRUCE SOME OPENS BRUSH	StS	B 8	DB	M	LARGE SPRUCE RATHER DAMP				
SSG 2531	7400	/	EDGE OF LARGE SPRUCE THICKET & OPENINGS	StS	B 8	B	M	" "				
SSG 2532	7600	/	SCATTERED JACKPINE GRASSY SLOPE BRUSH	StC	B 8	B	F	LARGE SCATTERED JACK- PINE				
SSG 2533	7800	/	" "	StC	B 10	B	M	" "				
SSG 2534	8000	/	THICK JACKPINE WINDFALL BRUSH	StSC	B 10	B	M	" "				
SSG 2535	8200	/	" "	StSG	B 8	B	M	SOME LARGE SPRUCE THICK				
SSG 2536	8400	/	THICK SPRUCE MOSSY	StC	B 12	B	M	" "				
SSG 2537	8600	/	" "	StC	B 12	B	M	" "				
SSG 2538	8800	/	" "	StC	B 8	PB	M	SOME JACKPINE				





## CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: J Binnie N Cook2620 9 AM Pavilion Lake  
2580 5:53 PM cloudy & coolAREA: North Salus creekDATE: May-11 70PROJECT: 406LOCATION REF.: A Area contour 5750

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
55J 2643	000	↘	open meadow	Sand Dirt	A B 4"	Grey Brown	Med	200 ft from dry feeder stream					
55J 2544	200	↘	"	"	A B 4"	G/B	"	Dry feeder stream					
2545	400	↘	Same " " timber	Sand	B 8"	Brown	"	minor organic					
2546	600	↘	Semi open pine	Sand	B 6"	Light Brown	"	" "					
2547	800	↘	"	S/D	B 6"	G/B	"	along side marble c/c					
2548	1000	↘	"	S	B 6"	L/B	Med Fine	S/w slope					
2549	1200	↘	timber slope to W.	S	B 10"	Dark Grey	Fine	" "					
2550	1400	↘	grassy open slopes	Dirt	B 6"	P/G	Med	" "					
2551	1600	↘	"	S	B 10"	G/B	"	" "					
2552	1800	↘	"	S/D	B 8"	Grey	"	" "					
2553	2000	↘	"	S/D	B 8"	Grey Black	"	" "					
2554	2200	↘	"	S/D	A B 4"	G/Bl.	"	" "					
2555	2400	↘	"	S/D	B 6"	Brown Black	"	Southerly Minor Organic					
2556	2600	↘	"	S	B 6"	G/B	"	" "					
2557	2800	↘	"	S	B 6"	G/B	"	South Easterly					

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J Binnie N Cook

 AREA: North Sallus Creek

 DATE: June 11 / 70

 PROJECT: 406

 LOCATION REF.: A Area 5750 contours

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
558	3000	→	Plateau some timber open to S.E.	S	B 8"	Gray Brown	Med	Jack pine thickets southeasterly.				
559	3200	→	"	S/D	B 6"	G/B	"	" " " minor organic				
560	3400	↙	"	S/D	B 6"	G/B	"	" " " "				
561	3600	↙	"	S/D	B 6"	G/B	"	" " " edge of timber				
562	3800	→	"	S/D	B 8"	G/B	Fine	" " " minor organic				
563	4000	↙	"	S/D	B 6"	G/B	Fine Med	" " " timber flat				
564	4200	↙	"	S	B 8"	Dark Brown	Med Course	" " " "				
565	4400	→	"	S	B 8"	Brown	"	" " " "				
566	4600	→	"	S/D	B 8"	B	Fine	" " " timbered summit				
567	4800	→	"	S/D	B 10"	G/B	Med	" " " minor organic				
568	5000	→	Easterly Northly drainage to Pauline Lake	S	B 6"	B	"	" " " timbered summit Northly flow of water.				
569	5200	→	"	S/D	A/B 4"	Black Brown	Fine	" " " minor organic				
570	5400	→	"	S/D	B 6"	B	F	" " " open slopes and meadow				
571	5600	→	"	S/D	B 10"	B	F	" " " "				
572	5800	→	"	S/D	B 6"	B	F	" " " "				

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J Binnie

 AREA: North Sallus Creek

 DATE: June 11/70

 PROJECT: 406

 LOCATION REF.: A/Area 5750 contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
55 J 2573	6000	→	plant and pine thickets	S	B 6"	Brown	Fine	drainage to North open meadow				
2574	6200	→	"	S/G	B 4"	B	F	" minor organic				
2575	6400	→	"	S/D	B 4"	B	F	" "				
2576	6600	→	"	S/D	B 6"	B	F	" "				
2577	6800	→	"	S/D	B 4"	G/B	F	dry open hillside				
2578	7000	→	"	S/D	<del>A</del> B 4"	G/B	F	Northeasterly slope forest covered				
2579	7200	↘	"	S	<del>A</del> B 2"	Light Grey	Coarse	" "				
2580	7400	↘	heavy timber Pine	S	B 8"	B	Med	Northerly moderate moisture				
2581	7600	↘	" north slope	S/D	B 8"	B	"	" "				
2582	7800	↘	" "	S/D	B 8"	B	"	" end bit line to N.E.				

# CANADIAN JOHNS-DANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J Binnie Al Cook

 9:00 AM ET 20 2620 Pavilion Lake  
 6:15 PM 2740

 AREA: North Sallis Creek  
 North easterly side

 DATE: June 12, 1970

 PROJECT: 406

 LOCATION REF.: A Area 5500 contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
55J 2583	0	↙	heavy timber ridges + basins Pine	Dirt Sand	B 6"	Ketiah Brown	Med	high moisture cont minor organic					
2584	200	↙	"	Sand	B 8"	Brown	M	" "					
2585	400	↙	"	S	B 8"	R/B	M	" "					
2586	600	↙	"	D/S	B 8"	R/B	M	" "					
2587	800	↙	"	D/S	B 6"	R/B	M	" "					
2588	1000	↙	"	S	B 8"	B	M	" "					
2589	1200	↙	"	S	B 8"	B	M	moderate moisture pine ridge					
2590	1400	↙	"	S	B 6"	Grey Brown	M	" "					
2591	1600	↙	"	S	B 10"	B	M	" "					
2592	1800	↙	"	S	B 14"	B	C	" "					
2593	2000	↙	"	S	B 12"	G/B	C	" "					
2594	2200	↙	"	S	B 14"	B	M	dry ridge low moisture cont.					
2595	2400	↙	"	D	AB 14"	R/B	M	deep over burden. moderate moisture					
2596	2600	↙	"	D/S	AB 12"	R/B	M	many stones " "					
2597	2800	↙	"	S	B 8"	Grey	M	dry ridge " "					





# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J. Binnie N. Cook

 Elev. 2020 245411  
2640 6:15 pm. Pavilion Lake

 AREA: A area S/W slope

 DATE: June 9 70

 PROJECT: A06 Sallis Creek

 LOCATION REF.: 5500' contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
555			rolling hills tree covered	Sand	B	light grey		Dry drainage basin					
2601	0	↓	Pine & Fir	Dirt	B 14"	Brown	Med	deep overburden					
2602	200	↓	"	S	B 12"	G/B	Med	some stones light overburden					
2603	400	↓	"	S	B 12"	light grey Brown	Med	" "					
2604	600	↓	"	S/D	B 10"	Brown	Med	" "					
2605	800	↓	"	S/D	B 8"	G/B	Med	Clear claim line N 60° W					
2606	1000	↓	"	S	B 8"	light Brown	Med	small pines open to south					
2607	1200	↓	open dry hillside	S	B 8"	B	Med	large Park of Sallis edge of canyon					
2608	1400	↓	"	S	B 6"	B	Med	2540. above steep bluffs					
2609	1600	↓	"	S/D	B 4"	G/B	Med	minor organic cross condition in 1500					
575			"	Talus	C	Rusty	Talus	very steep bluffs below o/c rusty material?					
2610	1800	↓	"	Sand	C 4"	Brown	Fine	head of large canyon					
2611	2000	↘	"	S	B 8"	G/B	Med	" " "					
2612	2200	↓	"	S	B 6"	light gray	Med Fine	" " "					
2613	2400	↓	grass covered slopes	S/D	A/B 4"	G/B	Med	edge of large open slope below start of 5750 contour					
2614	2600	↓	dry creek	S/D	A/B 8"	Black Brown	Med	deep overburden.					
2615	2800	↓	dry creek gully	S/D	B 8"	B B/B	Med	light overburden					

## CANADIAN JUNIOR MINING CO. LTD.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: J Binnie & N CookAREA: A. area S/W slopeDATE: June 15/70PROJECT: 406 Sallies CreekLOCATION REF.: 5500 contour NW cont.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
555 2616	3000	↘	steep hillside	Sand Dirt	B/5"	Brown Black	Med	below large o/c Marble				
2617	3200	↘	" " heavy timber	S/D	A B 135"	B/Bl.	"	" " "				
2618	3400	↘	" " open face	Sand	A B 4"	Black	"	graphite vein below and alongside marble o/c.				
2619	3600	↘	steep hillside small poplar thick juniper	mineral Soil	A B Surface	Bl.	"	likely graphite bully fractured on overgrowth				
2620	3800	↘	" " "	Dirt	A 4"	Bl	"	below large o/c many boulders				
2621	4000	↘	flat ridge	S/D	B 6"	Gray	"	38+50 ecclasion line south east slope				
2622	4200	↘	open side hill	S/D	B 5"	G/B	"	scrub timber				
2623	4400	↘	" "	Sand	A B 4"	Dark Grey	"	" "				
2624	4600	↘	" "	S/D	A B 4"	G/Bl.	"	" "				
2625	4800	↘	" " dry gully	S/D	A B 4"	G/Bl.	"	large granite & marble boulders.				
2626	5000	↘	" " "	S/D	A B 4"	G/Bl	"	gravel below organic material				
2627	5200	↘	side hill 15 ft timber	S/D	B 10"	G/B	"	minor organic				

CANADIAN JOHNS-MANVILLE Co. Ltd. Sunny & Clear

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: ARNOLD GUSSEN

3000 - LOWTOWER

AREA: Sallus CREEK

DATE: June 19 1970

PROJECT: 406

LOCATION REF: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
STG 2543	0	↘	Below outcrops Logging road cut	TF SG	C SURFACE	LB	C	NO ORGANIC MATTER, Dusty ROCKS PRESENT					
STG 2544	200	↘	" "	"	"	"	C	"					
SSG 2545	400	↘	WOODED SLOPE FIR PINE TALUS SLIDE	STSG	B 4	"	M	ORGANIC MATTER					
SSG 2546	600	↘	WOODED SLOPE GRASSY-FIR	"	"	"	M	"					
SSG 2547	800	↘	" "	"	"	"	M	"					
SSG 2548	1000	↘	" "	"	"	LBG	M	"					
SSG 2549	1200	↘	" "	"	B 4	B	M	"					
STG 2550	1400	↘	Base of outcrops Timber & grassy	TF ST S	B+C 2	LB	M	"					
SSG 2551	1600	↘	Base of fir tree	SG	B 2	"	M	SCATTERED OUTCROPS ORGANIC MATERIAL					
SSG 2552	1800	↘	Recently burnt grassy	STSG	B 5	BLG	M	"					
STG 2553	2000	↘	" "	"	B 2	LB	M	"					
STG 2554	2200	↘	Flat area above cliff	STSG	B 2	"	M	"					
SSG 2555	2400	↘	Open sidehill scattered fir grassy	SG	B 4	"	C	NO ORGANIC MATERIAL					
STG 2556	2600	↘	Base of outcrops scattered trees	TF SG	C 3	"	C	"					
STG 2557	2800	↘	" "	TF SG	C 3	"	C	"					





B.S. ELEVATION Readings

800 - 3640

510 - 3640

CANADIAN JOHNS-MANVILLE Co. Ltd.

SUNNY &amp; WARD

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: ARNOLD GUSSEN

6500 Contour

AREA: Sallis CREEKDATE: JUNE 23 1970PROJECT: 406LOCATION REF.: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSG 2566	0	↘	Flat lying AREA Top of RIDGE BURN OFF	SC H	B+C 8	DB/B	M	ORGANIC MATTER EXPOSED GRANITE BOULDERS					
SSG 2567	200	↘	" "	St SC	B+C 6	B	M	"					
SSG 2568	400	↘	GENTLE SLOPING AREA GRASSY SMALL BURN	St S	B 6	B	F	"					
SSG 2569	600	↘	" "	St S	B 6	B	F	"					
SSG 2570	800	↘	" "	St SC	B+C 6	B/LB	M	"					
SSG 2571	1000	↘	" "	"	B 6	B	F	"					
SSG 2572	1200	↘	" "	SG St	B 4	LB	C	"					
SSG 2573	1400	↘	EDGE OF BURN LARGE SPRUCE DUMP	St SC	B+C 8	B/LB	M	ORGANIC MATTER EXPOSED GRANITE BOULDERS					
SSG 2574	1600	↘	" "	St SC	B 6	B	F	"					
SSG 2575	1800	↘	SMALL DUMP AREA HEAD OF CREEK OPEN BRUSH	St C	B 14	B/LB	F	"					
SSG 2576	2000	↘	SCATTERED JACKPINE BRUSH BURNT OFF PLACE	St S	B 6	LB	F	"					
SSG 2577	2200	↘	" "	St S	B 6	LB	M	"					
SSG 2578	2400	↘	" "	St C	B 6	RB/LB	F	"					
SSG 2579	2600	↘	SMALL SPRING FLAT AREA SMALL BRUSH	St SG	SURFACE	LB	C	"					
SSG 2580	2800	↘	SCATTERED JACKPINE OPEN & MOSSY	St S	B 6	RB/B	M	ORGANIC MATTER EXPOSED GRANITE BOULDERS					

# GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: A GUSSEN
6500 contour

 AREA: Sallis CREEK

 DATE: JUNE 23 70

 PROJECT: 406

 LOCATION REF.: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSG 2581	3000	↘	SCATTERED TREES JACK PINE MOSS SCATTERED BRUSH	StS	B 6	RB/LB	M	ORGANIC MATTER IN SAMPLE GRANITE BOULDERS EXPOSED					
SSG 2582	3200	↘	"	StC	B+C 8	B/LB	M	"					
SSG 2583	3400	↘	"	StC	B 6	B	F	"					
SSG 2584	3600	↘	"	StC	B 6	B	M	"					
SSG 2585	3800	↘	"	StSC	B 6	B	M	"					
SSG 2586	4000	↘	TAKEN IN AREA OF GRANITE OUT- CROPS	StS	B 6	B	M	"					
SSG 2587	4200	↘	SCATTERED JACK- PINE MOSS	StS	B+C 6	RB/LB	M	"					
SSG 2588	4400	↘	"	StS	B 6	RB	M	ORGANIC MATTER GRANITE BOULDERS EXPOSED					
SSG 2589	4600	↘	"	StSC	B 6	DG/B	M	"					
SSG 2590	4800	↘	"	StSC	B 6	DG/LBL	M	"					
SSG 2591	5000	↘	"	StSC	B 8	LB	M	"					
SSG 2592	5200	↘	"	StC	B 8	LB	M	"					
SSG 2593	5400	↘	"	StS	B 8	LB/B	F	"					
SSG 2594	5600	↘	LARGE CLUMP OF SPRUCE OPEN BRUSH	StSC	B 6	B	M	"					
SSG 2595	5800	↘	SMALL STREAM Small BRUSH	StSH	SURFACE	LB/BL	M	ORGANIC MATTER GRANITE BOULDERS EXPOSED					

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: A GUSSEN

6500 contour

AREA: Sallus CreekDATE: JUNE 23 70PROJECT: 406LOCATION REF.: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
SSG 2596	6000	↘	OPEN SIDEHILL ABOVE CREEK THICK STRAUBRUSH	St SC	B 6	LB/BG	M	LITTLE ORGANIC MATTER SCATTERED SPRUCE TREES				
SSG 2597	6200	↘	"	St S	B 8	LB/BL	M	"				
SSG 2598	6400	↘	"	St SC	B 8	LB/BL	M	"				
SSG 2599	6600	↘	"	St S	B 6	LB	F	"				
SSG 2600	6800	↘	"	SG St	B 6	B	C	NO ORGANIC MATTER				
SSG 2601	7000	↘	CLUMP OF JACKPINE BURNT OFF WOOD	St S	B 6	LB	M	ORGANIC MATTER GRANITE OUTCROPS & Boulders				
SSG 2602	7200	↘	OPEN AREA THICK SMALL BRUSH	St SC	B 8	LB/BL	M	"				
SSG 2603	7400	↘	"	St S	B 6	RB/B	F	"				
SSG 2604	7600	↘	TOP OF Ridge SCATTERED SPRUCE OUTCROPS	St SG	B+C 2	RB/LB	M	"				
SSG 2605	7800	↘	"	St C	B 6	LB/B	M	"				
SSG 2606	8000	↘	FAT AREA ABOVE CLIFFS GRASS SCATTERED TREES	St S	B 4	LB	F	CONTACT AREA BETWEEN GRANITE & MARBLE ORGANIC MATTER				
SSG 2607	8200	↘	" grassy	"	B 4	LB	F	" "				
SSG 2608	8400	↘	OPEN SIDE HILL GRASSY	"	B 4	B	F	MALACHITE STAINING NODS				
SSG 2609	8600	↘	"	"	B 4	B/BL	F	ORGANIC MATTER OUTCROPS & Boulders				
STG 2610	8800	↘	BASE OF GRANITE OUTCROP OPEN GRASSY SIDEHILL	St SG	C 2	B/BL	C	"				



BS. I Readings

8:00 - 3640

5:00 - 3680

## CANADIAN JOHNS MANVILLE Co. Ltd.

Warm &amp; Sunny

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: ARNOLD LUSSEN

5500 Contour

AREA: Sallus CreekDATE: JUNE 24 1970PROJECT: 406LOCATION REF: Lillooet BC

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
556 2611	9000	↘	GRANITE OUTCROPS GRASSY SLOPE SCATTERED JACKPINE	STSH	B 5	B	F	TOP OF GRANITE OUTCROP SOME ORGANIC MATTER				
556 2612	9200	↘	" "	"	B 5	B	F	" "				
556 2613	9400	↘	" "	"	B 8	LBL	F	SOME ORGANIC MATTER SCATTER GRANITE BOULDERS				
556 2614	9600	↘	DAMP AREA THICK SMALL BRUSH SCATTERED SPRUCE	STSC	A+B 12	BL	F	ORGANIC MATTER				
556 2615	9800	↘	" "	"	A+B 12	BL	F	" "				
556 2616	10000	↘	OPEN SIDEHILL SCATTERED LARGE JACKPINE	STSH	B 8	B	F	" "				
556 2617	10200	↘	" "	STSC	A+B 8	B/BL	M	" "				
556 2618	10400	↘	" "	STSG	C 4	LB/DG	C	" "				
556 2619	10600	↘	" "	STSH	B 4	LB	F	SOME ORGANIC MATTER IRON STAINED ROCKS				
556 2620	10800	↘	" "	STSG	B+C 2	LB	C	" "				
556 2621	11000	↘	" "	STSH	B 4	B/RB	F	" "				
556 2622	11200	↘	" "	STSH	B 4	DB	M	ORGANIC MATTER SCATTERED MARBLE THUS				
556 2623	11400	↘	" "	STSH	B 4	DB	M	" "				
556 2624	11500	↘	SMALL SPRING SMALL THICK BRUSH	STSG	SURFACE	DB	M	ORGANIC MATTER MARBLE & GRANITE FLOAT				
556 2625	11700	↘	OPEN SIDEHILL GRASSY	STSH	B 5	DB	F	ORGANIC MATTER				



# CANADIAN JOHNS. MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: Charles Binnie

EAST to WEST

 AREA: Grid #2 LINE 72 Gallus Creek

 DATE: JUNE 4 1970

 PROJECT: 406

 LOCATION REF.: Lillooet BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSB 3001	BL 72N+00W	↘	COVERED HILLSIDE NO OUTCROPS	St. C	A+B 8"	B+BL	MED.	JACKPINE + SPRUCE GRASSY SLOPE.					
SSB 3002	L72N STN 1+00W	↘	COVERED HILLSIDE Small SCATTERED ROCKS	St. C	B 5"	B	MED.	JACKPINE + SPRUCE GRASSY SLOPE					
SSB 3003	L72N STN. 2+00W	↘	COVERED HILLSIDE N.E. EXPOSURE	S.C. St	B 8"	B	MED.	JACKPINE + SPRUCE GRASSY SLOPE					
SSB 3004	L72N. STN. 3+00W	↘	DRAINS SLIGHTLY WEST COVERED HILLSIDE	St. C	B 8"	B	MED.	JACKPINE + SPRUCE GRASSY SLOPE					
SSB 3005	L72N. STN. 4+00W	↘	DRAINS SLIGHTLY WEST COVERED HILLSIDE	S.C.	B 8"	B	MED.	COMING TO DRAW SAMPLE TAKEN BY GAME CRAIL.					
SSB 3006	L72N. STN. 5+00W	↘	EXPOSED ROCK AHEAD + LEFT	SLC.G	B 4-8"	B+G	C	Steep Hillside DRAINS N.W.					
SSB 3007	L72N. STN. 6+00W	↘	Small OUTCROP Between 5+6	C. St.	B 2-3"	B.	FINE TO MEDIUM.	SPRUCE + JACKPINE Sloping to N.					
SSB 3008	L72N. STN. 7+00W	↘	BOTTOM OF DRAW OUTCROP AHEAD	S.G.	B 2-5"	B	MED. to C.	JACKPINE AND SPRUCE Sloping to N.					
SSB 3009	L72N. STN. 8+00W	↘	COVERED HILLSIDE NORTH EXPOSURE	St. G.	B 3-8"	B	MED	JACKPINE + SPRUCE MOSS AND GRASS					
SSB 3010	L72N. STN. 9+00W	↘	COVERED HILLSIDE NORTH EXPOSURE	C. St.	B 4-9"	B	MED.	JACKPINE + SPRUCE GRASS + BUCK BRUSH					
SSB 3011	L72N. STN. 10+00W	↘	COVERED HILLSIDE App. 29° Slope	C.G	B 3-7"	80% B Some B Some Bl.	C	FIR + JACKPINE GRASS AND BUCK BRUSH					
SSB 3012	L72N. STN. 11+00W	↘	OUTCROP App. 40' ABOVE	C. St. S	B 4-8"	B	MED.	FIR, SPRUCE + JACKPINE Moss about 4" deep					
SSB 3013	L72N. STN. 12+00W	↘	OUTCROP ABOVE AND AHEAD	C. St.	B 6-8"	B	FINE TO MED	HEAVILY WOODED					
SSB 3014	L72N. STN. 13+00W	↘	STEEP WOODED HILLSIDE	SL.C	B 4-8"	B	FINE TO MED	JACKPINE + SPRUCE GRASS + BUCK BRUSH					
SSB 3015	L72N. STN. 13+80W	↘	EDGE OF ROCK BLUFF	St. S.	A+B 1/2-2"	B	FINE	TAKEN IN ROCK LEDGES END OF LINE 72.					

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: CHARLES BINAIE

WEST TO EAST

 AREA: GRID #2 LINE 76 SPALLUS CREEK

 DATE: JUNE 4, 1970

 PROJECT: 406

 LOCATION REF.: LILLOOET, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSB 3016	L76 STN 15+00W	↓	Small HALF BURIED ROCKS BLUFF TO WEST	S.G.	B 3-6"	B	C	Sample Taken between Small Rocks.					
SSB 3017	L76 STN 14+00W	↓	STEEP NORTHERN Exposure	C.G.	B 3-8"	B	MED-C	THICK WOODED Small FIR.					
SSB 3018	L76 STN 13+00W	↙	COVERED Hillside	St.C	B 4-6"	B	MED	MORE OPEN SPRUCE & FIR.					
SSB 3019	L76 STN 12+00W	↙	FLAT AREA GRASS COVERED	C.S.	B 4-8"	B	MED-C.	FIR + ALDER, BUCK BRUSH.					
SSB 3020	L76 STN 11+00W	↓	WOODED Slope	C.G.	B 3-8"	MIXED B+BL	C	FIR + ALDER; GROUND COVERED BY DECAYED LEAVES					
SSB 3021	L76 STN 10+00W	↓	WOODED Slope	St.S	B 5-8"	lt.B	MED.	SHADED BY LARGE TREES GROUND COVERED BY NEEDLES.					
SSB 3022	L76 STN 9+00W	↓	WOODED Slope	St.C	B 3-5"	B	MED.	SMALL TREES; 3"-4" of ROTTED WOOD ON SURFACE					
SSB 3023	L76 STN 8+00W	↙	OPEN DRAW AREA	St.	B 2-3"	B1+B	MED	OPEN Slope Light BUCK BRUSH					
SSB 3024	L76 STN 7+00W	↓	WOODED Slope	St.C.	B 3"-8"	B	MED	20' FROM OPEN DRAW.					
SSB 3025	L76 STN 6+00W	↓	steep WOODED Slope	G.C.	B 3"-7"	B	C	FIR + JACK PINE GRASSY Slope.					
SSB 3026	L76 STN 5+00W	↓	Small exposed Rocks; Sloping	S.C	B 1"-4"	B	MED	MORE OPEN FIR + JACK PINE.					
SSB 3027	L76 STN 4+00W	↓	Small exposed Rocks; Sloping	S.G.	B 2"-5"	B	C	open Amongst TREES; FIR + JACK PINE.					
SSB 3028	L76 STN 3+00W	↙	THICK Small TREES	S.ST.	B 1/2-2 1/2"	B	MED	ABOUT 3" ROTTEN WOOD ON SURFACE. ROCKS UNDER SOIL					
SSB 3029	L76 STN 2+00W	↙	THICK Small TREES. ROCKS UNDER SOIL	S.C.G.	B 3"-7"	B	MED-C	SAMPLE TAKEN IN BURIED ROCKS					
SSB 3030	L76 STN 1+00W	↓	THICK Small TREES ROCKS UNDER SOIL	S.G.	A+B 1 1/2"-2 1/2"	B	C	VERY LITTLE SOIL HERE					



## CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: J BinnieAREA: Lilacat Mining DivDATE: June 6 1970PROJECT: 406LOCATION REF: B 60+00N to 80+00N

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
3031	60+00N	→	Nearly vertical slope to S. 2.5% to 3.0%	Sand	B 8"	Plum oak	Fine	hill crest, pine covered light overburden				
3032	61+00N	→	mountainous	S	B 8"	Plum	F	"				
3033	62+00N	↘	"	S	B 8"	Grey Brown	F	many organic pine needles light overburden				
3034	63+00N	↘	"	S	B 8"	D/B	F	" "				
3035	64+00N	↘	"	S	B 8"	B	F	" "				
3036	65+00N	↘	"	S	B 8"	G/B	Med	light overburden ground water somewhat				
3037	66+00N	↘	"	S	B 18"	B	Med	overburden very deep				
3038	67+00N	↘	"	S	B 15"	Grey	Med Fine	open cover moss covered				
3039	68+00N	→	"	S	B 16"	Grey to light brown	Med Fine	" " Pine trees				
3040	69+00N	↘	"	S	B 12"	G/B	Med Fine Sandy	" " " "				
3041	70+00N	→	"	S	B 15"	G/B	Med	overburden very deep				
3042	71+00N	↘	"	S	B 24"	G/B	Coarse	" "				
3043	73+00N	↘	"	G	C 12"	Blue Grey	C	looks like graphite				
3044	74+00N	↘	"	S	B 12"	G/B	Med	" "				
3045	75+00N	↘	"	S	B 12"	G/B	Med	deep overburden				



GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: J Binnie

AREA: Lillooet Mining Div

DATE: June 6/70

PROJECT: 406

LOCATION REF.: 180400N 17015W

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
3051	1400 W	↘	N. to westerly drainage to S. Mt. Sh.	G	C 10"	Med Brown	course	below cutcrop minor organic heavily timbered					
3052	2400 W	↘	"	S	B 10"	"	Fine	NW slope to S.E.					
3053	2400 W	↘	"	S/G	B & C 8"	Brown	C	below cutcrop					
3054	3400 W	↘	"	Sand	B 15"	G/B	C	" "					
3055	5400 W	↘	"	S	B 10"	B	Med	heavy timber minor organic					
3056	6400 W	↘	"	S/G	B 10"	B	Med	" "					
3057	7400 W	↘	"	Sand Dirt	B 10"	B	Med Fine	" "					
3058	8400 W	↘↘	"	S	B 10"	Grey	Fine	lightly wooded gully bottom alder.					
3059	9400 W	↘	"	S	B 10"	light Brown	Med Course	minor organic					
3060	10400 W	↘	"	S	B 14"	L/B	Fine	" "					
3061	11400 W	↘	"	S	B 14"	Light Grey to Brown	Med	" "					
3062	12400 W	↘	"	S	B 10"	B	Fine	" "					
3063	13400 W	↘	"	S/P	A & B 10"	B	Med	" "					
3064	14400 W	↘	"	S	B 10"	Grey	Med	" "					
3065	15400 W	↘	"	S	B 9"	G/B	Med	" "					

CANADIAN JAMES HANVILLE  
GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHARLES BINNIE

DATE: JUNE 20 1950

AREA: LARRY CAMP

DATE: JUNE 20 1950

PROJECT: 406

LOCATION REF.: Lillooet, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
S.S.B 3066	L68N Sta 1 + 00W	↓	Covered Hillside; Edge of Draw	St. C.	B 12"	B	M	Jackpine and Spruce; Mass Cover					
S.S.B 3067	L68N Sta 2 + 00W	↓	Covered Hillside; Jackpine light brush	St. C.	B 2"-6"	B	M	Mass Cover.					
S.S.B 3068	L68N Sta 3 + 00W	↘	Small outcrops above and ahead	St. C.	B+C 4"-10"	B	M	Jackpine hillside.					
S.S.B 3069	L68N Sta 4 + 00W	↓	open Jackpine hillside.	St. C.	B+C 4"-9"	B	M	Northern exposure to Sallus Creek.					
S.S.B 3070	L68N Sta 5 + 00W	↘	Jackpine Hillside; Slopes North West.	St. C.	B 3"-6"	B	M	Jackpine with some buck brush.					
S.S.B 3071	L68N Sta 6 + 00W	↘	Jackpine Hillside Slopes North West	St. C.	B 2"-6"	B	M	50' from small draw.					
S.S.B 3072	L68N Sta 7 + 00W	↘	Large Spruce and Jackpine; Slopes North West.	St. C.	B 3"-6"	B	M	open next to large Jackpine and Spruce.					
S.S.B 3073	L68N Sta 8 + 00W	↓	Covered Hillside; Slopes North West	St. C.	B 3"-8"	B	M	Jackpine, Spruce and some alder.					
S.S.B 3074	L68N Sta 9 + 00W	↘	Covered Hillside; Slopes North West.	S. C.	B+C 4"-10"	B with some G.	M	Jack pine; Grassy Slope.					
S.S.B 3075	L68N Sta 10 + 00W	↘	Covered Hillside; Slopes North West	S. C.	B 2"-6"	B	M	Jackpine; Grassy Slopes; some buckbrush.					
S.S.B 3076	L68N Sta 11 + 00W	↘	Covered Hillside; Slopes North west	S. C.	B+C 3"-8"	B	M	Grassy Slopes; Some buckbrush.					
S.S.B 3077	L68N Sta 12 + 00W	↘	Covered Hillside; Slopes North west	S. C.	B+C 6"-10"	B	M	Dense Jackpine and Spruce.					
S.S.B 3078	L68N Sta 13 + 00W	↘	Large Spruce open West and North;	St. S.	B 2"-6"	B	M	near cliff.					
S.S.B 3079	L68N Sta 14 + 00W	↘	Spruce and Balsam Edge of Bluff.	St. H.	B 1 1/2"-4"	Bl.	M	at cliff.					



1A  
**GEOCHEMICAL SOIL SURVEY DATA**

COLLECTOR: Charles R. Jones

AREA: 2500 Acres, T. 12 S., R. 10 E.

DATE: June 5, 1950

PROJECT: 4102

LOCATION REF.: Lilbert, B 2

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
57B 3080	L64N Sta 12 + 00W	↙	Rock bluff Facing West.	T. F.	H 0"-1"	G.	M.	Taken on top of open cliff.					
58B 3081	L64N Sta 11 + 00W	↙	Grassy slope To North West	St. C.	B 2"-6"	B	M.	Jackpine and Spruce.					
58B 3082	L64N Sta 10 + 00W	↙	Grassy slope To Northwest	St. C.	B 3"-8"	B	M.	Jackpine, Spruce and Buck brush.					
58B 3083	L64N Sta 9 + 00W	↙	Grassy slope to Northwest	St. C.	B+C 2"-8"	B	M.	Jackpine and spruce; Line cut by axe.					
58B 3084	L64N Sta 8 + 00W	↙	Grassy slope to North.	S. G.	B+C 4"-8"	B with Some G.	C	Open Jackpine; No Under brush.					
58B 3085	L64N Sta 7 + 00W	↙	Grassy slope; Small Trees.	S. G.	B+C 3"-6"	B. with Some G.	C	Down trees ahead.					
58B 3086	L64N Sta 6 + 00W	↙	Down timber; Small Jackpine	S. C.	B 3"-8"	B	M.	No Grass; Some moss and needles on surface.					
58B 3087	L64N Sta 5 + 00W	↙	Down Timber; Open.	S. C.	B+C 4"-8"	Lt. B	M.	Coming to draw.					
58B 3088	L64N Sta 4 + 00W	↙	Open; Edge of draw	S. G.	B 1"-3"	Lt. B	C	Outcrop 8' South; Draw runs Northwest.					
58B 3089	L64N Sta 3 + 00W	↙	Grassy slope to North.	S. St. C.	B+C 2"-6"	Lt. B.	C	Jackpine, Buck brush and some Spruce.					
58B 3090	L64N Sta 2 + 00W	↙	Slopes North	S. C.	B+C 4"-10"	B	M.	Jackpine, Buck brush and some Spruce, Open slope.					
58B 3091	L64N Sta 1 + 00W	↙	Slopes North; Exposed Rocks.	S. C.	B 2"-4"	B	M.						
58B 3092	L64N Sta 1 + 00E	↙	Timbered slope.	St. C.	B 2"-4"	Lt. B	F.	S.S.K. Ribbon # 1370 East North East of Sta 1 + 00E					
58B 3093	L64N Sta 2 + 00E	↙	Timbered slope.	S. G.	B 2"-4"	G.	C.	Jackpine; light buck brush.					
58B 3094	L64N Sta 3 + 00E	↙	Timbered Flat.	S. C.	B 2"-4"	Lt. B.	M.	Jackpine; some grass.					

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: Charles B. ...

AREA: L64N-L60N ...

DATE: June 3, 1970

PROJECT: 406

LOCATION REF.: Lillooet, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
S.S.B. 3095	L64N Sta 4 + 00 E	↙	Jack pine Slope	S. G.	B 3"-6"	L.L. B	C	Light Buck brush.					
S.S.B. 3096	L64N Sta 5 + 00 E	↙	Jack pine Slope	S. C.	B 2"-4"	L.L. B	M	Light Buck brush; L64N ends at Sta 00 E.					
S.S.B. 3097	L60N Sta 5 + 00 E	↔	Jack pine Flats Grassy.	S. C.	B 2"-6"	L.L. B	M	Top of hills; Grass and moss underfoot.					
S.S.B. 3098	L60N Sta 4 + 00 E	↔	Jack pine Flats Grassy	S. C.	B 6"-10"	B	M	Top of hills; Grass and moss underfoot.					
S.S.B. 3099	L60N Sta 3 + 00 E	↙	Jack pine Flats Grassy	S. C.	B 3"-5"	B	M	Near Road.					
S.S.B. 3100	L60N Sta 3 + 00 E	↙	Slopes to South.	S. C.	B 2"-4"	B	C	at edge of road.					
S.S.B. 3101	L60N Sta 1 + 00 E	↔	Flat.	S. G.	B 1"-3"	B	C	Jack pine; open south of road.					
S.S.B. 3102	L60N Sta 1 + 00 W	↙	Slopes to South.	S. C.	B 3"-6"	B	M.	open; jackpine north of road.					
S.S.B. 3103	L60N Sta 2 + 00 W	↙	Slopes to Southwest.	st. S. C.	B 2"-4"	B	Fine To Med.	open; Jackpine north of road.					
S.S.B. 3104	L60N Sta 2 + 00 W	↙	Slopes to Southwest.	S. C.	B 2"-8"	B	M	open; Jackpine north of road.					
S.S.B. 3105	L60N Sta 4 + 00 W	↙	Slopes To Southwest.	S. C.	B 4"-8"	B	M	Jack pine; open south of road.					
S.S.B. 3106	L60N Sta 5 + 00 W	↙	Grassy Slope to Southwest.	st. C.	B 4"-8"	B	M	Spruce and Jackpines open.					
S.S.B. 3107	L60N Sta 6 + 00 W	↙	Talus Slopes Rock Outcrops	S. G.	B 1"-3"	B	C	Scattered timbers sloping to Southwest.					
S.S.B. 3108	L60N Sta 7 + 00 W	↙	Rock outcrops	S. C.	B 1"-3"	G.	M	Scattered timbers; Sloping to Southwest.					
S.S.B. 3109	L60N Sta 8 + 00 W	↙	Talus Slope.	St. G.	B 1"-2 1/2"	G. B.	C	Taken below Rock Bluff.					

GEOLGICAL SURVEY

COLLECTOR: Charles B. ...

AREA: ...

DATE: June 9, 1900

PROJECT: 406.

LOCATION REF.: ...

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
ST B 2110	L60N Sta 2-00 W	↙	open Talus Slope.	St. G.	A 1"-3"	G. B.	C	Rock outcrop 100' above.					
ST B 3111	L60N Sta 10 + 00 W	↙	open Talus Slope.	T. F.	A+B 1"-2 1/2"	G. B.	C	slope extends from 100' above to 150' below line.					
ST B 2112	L60N Sta 11 + 00 W	↙	open Talus Slope.	T. F.	A+B 1"-3"	G.	C	Scattered Timber.					
ST B 3113	L60N Sta 12 + 00 W	↙	Scattered Timbered Slope.	S. G.	A+B 1"-3"	G.	C	Fin and Buckbrush; no close outcrops.					
ST B 3114	L60N Sta 13 + 00 W	↙	Talus Slope	T. F.	A+B 1/2"-2"	G. B.	C	Scattered Timber; no close outcrops					
S. S. B 3115	L60N Sta 14 + 00 W	↙	Talus Slope	ST G.	A+B 1/2"-2"	G.	C	Taken below spruce tree.					
ST B 3116	L60N Sta 15 + 00 W	↙	Talus Slope	S. G.	A+B 1"-3"	G.	C	Scattered timber and Buckbrush. End of line L60N.					
S. S. B 3117	L56N Sta 10 + 00 W	↙	North Exposure of Draw leading west.	S. G.	B+C 6"-12"	G. B.	C	Small trees; Buckbrush. Down Timber.					
S. S. B 3118	L56N Sta 9 + 00 W	↙	North exposure of Draw leading west.	S. C.	B 6"-10"	B	M	Small trees; Buckbrush. Down timber.					
S. S. B 2119	L56N Sta 7 + 00 W	↙	North exposure of draw leading west.	St. G.	B+C 8"-12"	B	C	Small trees; Buckbrush. Down timber.					
S. S. B 2120	L56N Sta 7 + 00 W	↙	Northwest exposure of draw leading west.	S. C.	B+C 8"-14"	B	M	Small trees; Buckbrush. Grassy Slope					
S. S. B 2121	L56N Sta 6 + 00 W	↙	Western Exposure of draw leading west.	S. C.	B+C 8"-14"	B	C	Small trees; Buckbrush. Grassy Slope.					
ST B 3122	L56N Sta 5 + 00 W	↙	Talus Slope	St. S. C.	A 1/2"-2"	G	M	Taken on Talus hogback running to Southwest.					
ST B 3123	L60N Sta 4 + 00 W	↙	Talus Slope	T. F.	B 2"-5"	G	C	Southern exposure; slopes to South Fork of Saltus Creek.					
ST B 3124	L56N Sta 3 + 00 W	↙	Sandy Slope	St. S. G.	A+B 1"-1 1/2"	Lt. B.	C	Southern Exposure; Slopes to South Fork of Saltus Creek.					

COLLECTOR: Charles D. B. F.AREA: 10000DATE: June 2, 1970PROJECT: 406LOCATION REF.: 1111111, R.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
S.S.B. 3126	L56N Sta 2 + 00 W	↙	Grassy Slope to South.	S.C.	B 4"-8"	B	M	South west exposure; Scattered Jack pine					
S.S.B. 3127	L56N Sta 1 + 00 W	↙	Grassy Slope to South.	S.C.	B 3"-7"	B	M	Southwest exposure; Scattered Jack pine					
S.S.B. 3129	Base line 56 + 00 N.	↙	Grassy Slope to South	S.C.	B 3"-6"	B	M	Southwest exposure; Base line					
S.S.B. 3128	L56N Sta 1 + 00 E	↘	Grassy Slope to South.	S.C.	B 3"-5"	B	M	Scattered Jack pine; Southwest exposure					
S.S.B. 3129	L56N Sta 2 + 00 E	↘	Grassy Open Slope.	S.C.	A+B 1"-3"	B	M	Small scattered Jack pine.					
S.S.B. 3130	L56N Sta 3 + 00 E	↘	Grassy Open Slope	SL, S.G.	A+B 1"-3"	B	C	Small scattered rocks.					
S.S.B. 3131	L56N Sta 4 + 00 E	↘	Grassy Open Slope	S.C.	B 2"-4"	B	M	scattered Jack pine.					
S.S.B. 3132	L56N Sta 5 + 00 E	↘	Grassy Open Slope	S.C.	B 2"-4"	B	M	Scattered Jack pine					
SSB 3133	B.L. 57 + 00 N	↘	Edge of small draw facing South. East.	S.C.	B 2"-4"	B	M	Scattered Jack pine					
SSB 3134	B.L. 58 + 00 N	↘	Bottom of small draw facing South East.	S.C.	B 2"-4"	B	M	Grassy Slope Scattered Jack pine					
S.S.B. 3135	B.L. 59 + 00 N.	↘	Ridge Running East To West.	S.C.	B 2"-4"	B.	M	TERMIN may have a possible Fault here					



COLLECTOR: Charles BrewerWEST to East on L52N  
East to West on L48NAREA: L52N + L54N and 1/2 SectionDATE: June 9, 1900PROJECT: 406LOCATION REF.: Lillooet, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
SSB 3136	Base line E5 + 00 N	↗	Open Jackpine Grassy slope	C.G.	B 4"-8"	B	C	Some light brush, Covered hillside.				
SSB 3137	B.L. E4 + 00 N	↗	Open Jackpine Grassy Slope	S.C.	B 2"-3"	B	M	Some light brush, Covered hillside.				
SSB 3138	B.L. E2 + 00 N	↘	Open Jackpine; Drains Southwest	S.G.	A+B 1"-2 1/2"	B	C	Some light brush; Broken rocks under moss and needles.				
STB 3139	B.L. E2 + 00 N	↘	Talus Slope; Drains Southwest	St.G.	A+B 1/2"-1 1/2"	B	C	Beginning of Talus slope To Southwest.				
SSB 3140	L52N Sta 1 + 00 E	↘	Open Slope; small Scattered rock	St.C.	A+B 1"-2"	Lt. B	M	Some light brush.				
SSB 3141	L52N Sta 2 + 00 E	↘	Thick small Jackpine Grassy slope.	S.C.	B+C 6"-10"	B	M	Naturally formed Trench To South.				
SSB 3142	L52N Sta 3 + 00 E	↘	Grassy covered slope; larger Jackpine	S.G.	B 4"-6"	B	C	Some light buck brush.				
SSB 3143	L52N Sta 4 + 00 E	↘	open slope; Grass and Scattered Jackpine	G.C.	B 1"-3"	B	C	Small rocks scattered over hillside.				
SSB 3144	L52N Sta 5 + 00 E	↘	Small Jackpine, Grass and brush.	S.G. C.	B 2"-9"	B	M. To C	Small rocks scattered over hillside.				
SSB 3145	L48N Sta 6 + 00 E	↘	Alder and Poplar Covered Slope.	S.C.	B 7"-10"	B	C	small scattered rocks; Some patches of grass.				
SSB 3146	L48N Sta 4 + 00 E	↘	Thick small poplar Trees.	S.G.	B 3"-5"	B	C	Small scattered rocks; Some patches of grass.				
SSB 3147	L48N Sta 3 + 00 E	↘	Scattered small poplar; Light Brush.	S.C.	A+B 2"	Bl.	M	Scattered small rocks, Some patches of grass.				
SSB 3148	L48N Sta 2 + 00 E	↘	Scattered small poplar; Light Brush.	S.C.	B 2"-4"	B	M	Scattered areas of rocks and buck brush.				
SSB 3149	L48N Sta 1 + 00 E	↘	Broken rock outcrops.	S.C.	A+B 1"-2"	Lt. B	M	Taken near rock outcrops.				
SSB 3150	B.L. H5 + 00 N	↘	Poplar and Jackpine Scattered rocks	S.C.	B 2"-4"	B	M	Sloping to west.				



COLLECTOR: Charles BinnsL52N - East to West  
L48N - West to East.AREA: L52N + L48N Grid #2 Sulliv. CoastDATE: June 10, 1970PROJECT: 406LOCATION REF.: Lillieport, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSB 3154	L52N Sta 1 + 00W	↙	Jackpine, Fir, Poplar, light brush Slopes South.	S.G.	B 2"-5"	B	C	Taken below Talus,					
SSB 3155	L52N Sta 2 + 00W	↙	Jackpine, Fir, poplar light brush Slopes South.	S.G.	B 7"-10"	B.G.	C	Taken amongst Fir Trees.					
STB 3156	L52N Sta 3 + 00W	↙	Larger Fir Slopes South.	T.F.	B 9"-10"	B.G.	C	Taken at base of Talus slide.					
SSB 3157	L52N Sta 4 + 00W	↙	Open Slope, South exposure.	G.C.	A+B 2"-3"	G.B.	M	Exposed rocks near sample spot.					
SSB 3158	L52N Sta 5 + 00W	↙	Larger Fir and white pine trees; fairly open.	S.C.	A-B 1 1/2"-3"	G.	M	Covered ground between Talus.					
STB 3159	L52N Sta 6 + 00W	↙	Open ridge; Some brush.	St. G.	B 5"-9"	G.	M	Taken on edge of Talus slide.					
SSB 3160	L52N Sta 7 + 00W	↙	Brushy Slope; South Exposure.	S.G.	B 5"-10"	G.Bl.	C	Fir, alder and buck brush on slope.					
STB 3161	L52N Sta 8 + 00W	↙	Brushy Slopes South exposure	S.G.	A+B 1 1/2"-4"	G.Bl.	C	Brush covered Talus slope.					
SSB 3162	L52N Sta 9 + 00W	↙	Brushy Slopes South exposure.	St. S.G.	B 3"-9"	G.Bl.	C	Brush covered Talus Slope.					
STB 3163	L52N Sta 10 + 00W	↙	open Slope; South exposure	T.F.	A 1"	G.Bl.	M	Taken in middle of Talus slide.					
STB 3164	L48N Sta 10 + 00W	↙	open Slope; South exposure	T.F.	A+B 2"	B	C	Taken in middle of, Talus slide					
STB 3165	L48N Sta 9 + 00W	↙	light brush; South exposure.	T.F.	A+B 1"-3"	G	M	Taken in middle of Talus slide.					
STB 3166	L48N Sta 8 + 00W	↙	light brush; South exposure	S.G.	A+B 1"-4"	G	C	Talus slide and larger rocks.					
SSB 3167	L48N Sta 7 + 00W	↙	larger Fir; South Exposure	S.C.	A 1"-3"	B	M	Talus slide, below rock bluff.					
SSB 3168	L48N Sta 6 + 00W	↙	open Slopes South exposure	St. S.C.	A+B 1"-3"	G.	M	Taken below Talus slide.					



COLLECTOR: Charles F. JonesElev. to East - 242  
West to East - 247AREA: Area 2440, 2445, 2450, 2455DATE: June 10, 1950PROJECT: 406LOCATION REF.: Lillieport, P.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
STB 3167	L 484 Sta 5 + 00 W	↙	open; light brush; Slopes South.	St. S.C.	A+B 2"-4"	B.G.	C	Talus Slope with larger rocks.					
STB 3170	L 484 Sta 4 + 00 W	↙	Thick small poplar Slopes South.	S.G.	A+B 1"-3"	B.G.	M to C	Talus Slope; larger rocks; Rocks to 8" diameter.					
SSB 3171	L 484 Sta 3 + 00 W	↙	poplar; light Buck brush.	S.C.	A+B 1"-2"	B	M.	Slopes to South west.					
SSB 3172	L 484 Sta 2 + 00 W	↙	poplar; light Buck brush.	S.G.	A+B 2"-4"	B.G.	C	Slopes to South					
STB 3173	L 484 Sta 1 + 00 W	↙	open; larger scattered Fir Trees	T.F.	A 1"	Bl.	M	Talus Slide; Sample Hard to find.					
SSB 3174	B.L. 43 + 00 N	↑	Edge of poplar Thicket in open	St. C.	B 6"-10"	Lt. B.	F	Bottom edge of Talus Slide.					
SSB 3175	B.L. 46 + 00 N	↑	Middle of poplar Thicket; Southern exposure.	S.G.	B 6"-10"	B	C	Light buck brush.					
STB 3176	B.L. 45 + 00 N	↑	Rock outcrops.	T.F.	A+B 2"-4"	Lt. G.	F	Taken on Top of Rock outcrops.					
SSB 3177	B.L. 44 + 00 N	↑	Thick small poplar and Buck brush.	St. H.	A 1"-2"	Bl.	M	West side of ridge; Rock outcrops					
SSB 3178	L 44 N Sta 1 + 00 E	→	Thick small poplar and buck brush; Grassy slope.	S.C.	A+B 1"-4"	B.	M	West side of ridge; Rock outcrops.					
SSB 3179	L 44 N Sta 2 + 00 E	↗	Thick small poplar; Buck brush; Grassy slope.	S.C.	B 2"-3"	B	M	East side of ridge.					
SSB 3180	L 44 N Sta 3 + 00 E	↘	Small poplars, Southern exposure.	S.C.	A+B 1"-3"	B, Bl.	M	Small scattered rocks.					
SSB 3181	L 44 N Sta 4 + 00 E	↘	open draw, Southern exposure.	S.G.	B 2"-3"	B	C	Bottom of draw, Talus and rocks everywhere.					
SSB 3182	L 44 N Sta 5 + 00 E	↘	Rock bluffs, light brush.	St. C.	A+B 1"-2 1/2"	B.	F, to M.	Taken below rock bluffs.					
SSB 3183	L 44 N Sta 1 + 00 W	↙	Thick small poplar; slopes South.	S.G.	A+B 2"-4"	Bl. B.	C	Small scattered rocks.					

# GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: Charles B. Smith

WEST TO EAST 140+75N

 AREA: 144N LNA - 75N

 DATE: June 10, 1950

 PROJECT: 406

 LOCATION REF.: L140E.T. 60

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
588	L44N	✓	open poplar; lower talus	S.C.	A+B 2"	B	M	Small scattered rocks; grassy spots.				
3184	Stn 2 + 00W	✓	Edge of bush; Small talus slide.	St. H.	A T <sub>2</sub> 1"	Lt. Bl.	F	Very little soil here.				
588	L44N	✓	Edge of bush; near ridge.	S.C.	A+B 3"	B	M	Small scattered rocks.				
3185	Stn 2 + 00W	✓	poplar thicket; grassy slope	S.C.	B 5"-8"	B	M	This area runs to poplar drain and open ridges.				
588	L44N	✓	poplar thicket; covered talus.	St. H.	A+B 1"-2"	Bl.	F	Taken where lots of talus. Small sample.				
3187	Stn 6 + 00W	✓	light poplar; open talus	T.F.	A T <sub>0</sub> 1"	Bl.	C	Near large embedded rocks.				
588	L44N	✓	light poplar; open slope.	S.C.	A+B 2"-4"	B	M	Small scattered rocks.				
3188	Stn 8 + 00W	✓	open slope; Talus slide.	St. H.	A 1"-3"	Bl.	F	Very little soil here.				
588	L44N	✓	poplar slope; Talus slide.	S.H.	A+B 1"-2"	G	M, 20 C.	lots of underbrush.				
3189	Stn 10 + 00W	✓	south slope; thick large fir.	S.G.	A+B 3"-5"	B	C	Small scattered rocks.				
588	L40+75N	✓	south slope; light poplar	S.C.	A+B 1"-2"	B	M	Small scattered rocks.				
3194	Stn 9 + 00W	✓	Large fir; small poplar; south slope	S.C.	A+B 1"-3"	B	C	open slope; few small rocks.				
588	L40+75N	✓	Large fir; thick poplar; south slope	St. S.C.	A+B 1"-3"	G	M	open slope; few small rocks.				
3195	Stn 7 + 00W	✓	open grassy slope	St. C.	B 2"-4"	B	F	outcrop few feet west.				
588	L40+75N	✓	open grassy slope.	St. H.	A 2"-4"	Lt. B	F	Small scattered rocks.				

~~CANADIAN FOREST SERVICE~~  
GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: Charles Binnis

AREA: \_\_\_\_\_

DATE: June 10 1950

PROJECT: 475

LOCATION REF: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
3197	L40+75N	↘	open slope	St. C.	A+B	B.L.	M	Small rocks.					
3200	L40+75N	↘	Talus slope, Some humus.	St. C.	1"-2"	B.L.	M	under a tree, Slopes South.					
3201	L40+75N	↘	Talus slope, Few fir trees.	St. G.S.	2"-4"	B	M	nearby rock bluffs, Slopes South.					
3202	L40+75N	↘	Rock bluffs, Very steep.	St. C.	1"-2"	B	M	Taken on rock bluff, near large fir stump.					
3203	B.L.	↘	Rock bluffs, Few fir trees.	S.G.	1"-3"	B	C	Taken on rock bluff, Some grass, very steep.					
3204	L40+75N	↘	open, rock outcrops.	S.C.	3"	B	M	very broken up area.					
3205	L40+75N	↘	Talus slope,	S.G.	1"-3"	B	C	poplar and fir.					
3206	L40+75N	↘	Talus slope,	H	1"-3"	B	M	scattered fir trees.					
3207	L40+75N	↘	Talus slope	H	1"-2"	B	M	poplar and fir.					
3208	L40+75N	↘	Talus slope,	S.C.	1"-2"	B	M	fir trees.					
3209	B.L.	↘	fir trees, grassy; Top of bluff.	St. S.G.	1 1/2"	B	M	exposed rock outcrops.					
3210	B.L.	↘	fir trees, grassy/ West side of ridge	St. S.G.	1"-2"	B	C	poplars, rock outcrops.					
3211	B.L.	↘	poplar slope west side of ridge	St. H	1"-3"	B.L.	F	Humus cover on Talus slope.					

Base Station 2440 (7:35 AM)  
Base Station 1720 (5:55 PM)

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

cloudy - cool

COLLECTOR: Charles Bunnie

AREA: Sallis Creek

DATE: June 11, 1950

PROJECT: 406

LOCATION REF.: South Fork

SAMPLE NO.	LOCATION	PHYSIOGRAPHY	STREAM SIZE C. F. S.	STREAM GRADIENT	DISTRIBUTION SAMPLE			COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
					R	A	L								
SLB 3212	Bridge Main Branch 00	Open; Low Bush.	+ 12	2.5°				B	C	High, swift water; Hard to get Sample. Elevation: 5760'					
SLB 3213	Main Branch 700	Open; Low Bush.	+ 6	1.5°				B	C	Deep Swift water; Hard to get Sample; underground Stream.					
SLB 3214	Main Branch 1400	Small Meadow.	+ 9	.5°				B	M	Deep and Cold; Stream Slow and Winding.					
SLB 3215	Main Branch 1500	Small meadow	+ 9	.5°				B	F	10' Below Fork. Elevation: 5800'					
SLB 3216	Main Branch 1330	Small meadow	+ 8.5	.5°				B	F	20' above Fork Elevation: 5800'					
SLB 3217	Main Branch 1520	Small meadow	+ 4.5	.5°				B	F	10' above Fork. Elevation: 5800'					
SLB 3218	Main Branch 2100	Low Bush; Valley closing in.	+ 4.5	.3°				B	M. to C.	open Valley Bottom; Jackpines both sides.					
SLB 3219	Main Branch 2800	Low Bush; Valley closing in.	+ 4.5	1.5°				Bl. B.	F. to M	open Valley Bottom; Jackpines both sides.					
SLB 3220	Main Branch 3280	Low Bush; Narrow Valley	+ 4.5	2.5°				Dk. B.	F	Fork in Stream. Elevation: 5870					
SLB 3221	Main Branch 3500	Low Bush; Narrow Valley	+ 4.0	2.5°				B	F. to M	Largest Fork North Side of valley.					
SLB 3222	Main Branch 3480	Low Bush; Narrow Valley	+ 0.5	2.5°				B	C	Smallest fork South Side of valley.					
SLB 3223	Main Branch 4200	Valley widens; Jackpine on edges.	+ 3.7	.5°				Dk. B	F	Low Buck brush; Stream Slow and crooked.					
SLB 3224	Main Branch 4900	Wide Valley; Jackpine and Spruce.	+ 3.7	1°				B	F	Below Forks in Stream.					
SLB 3225	Main Branch 4920	Wide Valley; Jackpine and Spruce.	+ 2.2	1°				B	C	Above Forks; Largest Branch.					
SLB 3226	Main Branch 4910	Wide Valley; Jackpine & Spruce	+ 1.5	1°				B	C	Above Forks; Smallest Branch. Elevation: 5900'					



# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

 DIRECTOR: Charles Binns

Cloudy and Cool.

 AREA: Sallis Creek

 DATE: June 11, 1938

 PROJECT: 466

 LOCATION REF.: South Fork.

SAMPLE NO.	LOCATION	PHYSIOGRAPHY	STREAM SIZE C. F. S.	STREAM GRADIENT	DISTRIBUTION SAMPLE			COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
					R	A	L								
SLB 3227	Main Branch 5600	Narrow Valley's Spruce	+6	5°				B	C	Stream has underground feeder; more water than measured.					
SLB 3228	M. B. 5750	Narrow Valley's Spruce + Jackpine.	+6	5°				B	C	Main stream below Forks. Elevation: 5920					
SLB 3229	M. B. 5765	Narrow Valley's Jackpine, Spruce	+4	5°				B	C	Largest Fork.					
SLB 3230	M. B. 5765	Narrow Valley's Jackpines Spruce	+2	5°				L.B.	F	Smallest Fork; comes from Swamp.					
SLB 3231	M. B. 6300	Narrow Valley's Jackpine.	+4	3°				B	C	Swampy; Light Buck Brush.					
SLB 3232	M. B. 7000	Narrow Valley's Swampy flat.	+3.5	2°				Dk. B	F	Buckbrush; Small spruce.					
SLB 3233	M. B. 7540	Wide Flat Swamp.	+3	.5°				B	C	Feeder swamps; Forks in stream.					
SLB 3234	M. B. 7545	Wide Flat swamp Heads East	+2.5	.5°				B	C	Largest swamp. Elevation: 5980					
SLB 3235	M. B. 7545	Wide Flat swamp Heads South.	+1.5	.5°				B	M. to C.	Smallest Fork goes south, uphill climb.					
SLB 3236	M. B. 7700	Valley Narrows! Small spruce, Jackpine.	+2.5	1.5°				B	C	Stream about to climb; running faster.					
SLB 3237	M. B. 8400	Valley Narrows! Small spruce Jackpine.	+2	1.5°				B	M	stream running fast. Elevation: 6020					
SLB 3238	M. B. 8970	Jackpine; very Narrow Valley	+2	1.5°				B	F. to M	Below Forks; very slow running. Elevation: 6040					
SLB 3239	M. B. 8975	Jackpine; very Narrow Valley	+1.5	1.5°				B	F. to M.	Swamps very slow running. Largest Forks.					
SLB 3240	M. B. 8975	Jackpine; very Narrow Valley from South.	+1.5	2°				B	F. to M	Comes through boulders from North west. Forks South.					
SLB 3241	M. B. 9100	Jackpine; Narrow Valley	+1.5	.5°				B	C.	Starts to climb East;					

## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

Cloudy and Cool.

COLLECTOR: Charles BIANIE

AREA: Sallus Creek.

DATE: June 11, 1972

PROJECT: 406

LOCATION REF: South Forks.

SAMPLE NO.	LOCATION	PHYSIOGRAPHY	STREAM SIZE C. F. S.	STREAM GRADIENT	DISTRIBUTION SAMPLE			COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
					R	A	L								
SLB 3242	Main Branch, 9800	Wide Flats, Spruce.	+1.2	8°				B	C	Stream very small, Snow banks.					
SLB 3243	M.B. 10,500	wide flats, Large spruce,	+1.2	4°				B	C	ground frozen; Ice in Stream bed in spots.					
SLB 3244	M.B. 11,200	Spruce flat,	+1.7	5.5°				B	M	ground frozen; Ice in Stream bed in spots.					
SLB 3245	M.B. 11,900	Spruce flat above swamp.	+1.1	4.5°				Lt. Bl.	F	Stream just a trickle, Elevation: 6240					
SLB 3246	Left Fork 5600	Narrow Valley, Jackpines, Spruce.	+2	8°				B	C	Left fork in old blazed trail follows creek.					
SLB 3247	L.F. 6300	rocky Jackpine Hillside, narrow valley.	+1.5	6°				B	M	A.T.S #32 orange ribbon at this point.					
SLB 3248	L.F. 6795	valley widens; Jackpine, Buckbrush.	+1.5	3°				B	C	Main stream below fork.					
SLB 3249	L.F. 6800	valley widens; Jackpine, Buckbrush.	+1	3°				B	C	Above main fork; Hills are rocky.					
SLB 3250	L.F. 6800	valley widens; Jackpine, Buckbrush.	+1.5	3°				B	M	Feeder fork. Elevation: 6020'					
SLB 3251	L.F. 7000	Narrow Here, Jackpine.	+1.5	1.5°				Bl.	M	Bottom Edge of Swamp.					
SLB 3252	L.F. 7,700	wide Flat Swamp	+3	1.5°				G. Bl	F	Creek ends in small feeder. Elevation: 6025'					
SLB 3253	Right Fork 4200	Narrow Valley	+1.5	4°				B	M	Jackpine's Creek heads South; rises quickly.					
SLB 3254	R.F. 4900	Spruce Valley	+1.25	9°				B	C	Valley rises sharply; Very narrow.					
SLB 3255	R.F. 5600	Spruce Valley	+1	8°				Bl.	F	Levels of here; creek a trickle; runs partly underground.					

C. Bennett  
J. Kim.

# CANADIAN JOHNS-MONVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: Charles Burnett

*Gummy soil water*

AREA: 5500' Sallus Creek

DATE: June 12 1920

PROJECT: 406

LOCATION REF.: Lillooet, B.C.

SAMPLE NO.	LOCATION <small>Start 600'</small> SSR 648/129	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
SSB	5500'		Small Jackpines		A+B			Taken 25' from Creek.					
2236	200	←	Grassy flat.	C.H.	1-5"	B, Bl.	F						
2237		←	Spruce; Jackpines		A.			Small creek.					
2237	-225"		Grassy	S.G.	1/2"-1 1/2"	B	C	C.A.S. - 2.5					
SSB		←	open Jackpines		B			Gentle slopes; Small Spruce.					
2238	-400	←	Grassy	S.C.	2"-6"	B	F to M						
SSB		←	open Jackpines		B			Gentle slopes; Small Spruce.					
2239	600	←	Grassy	S. St.	2"-5"	B	F to M.						
SSB		←	open Jackpines		B			Edge of small thick Jackpines.					
2240	200	←	Grassy slope.	S. St.	1"-3"	B	F to M.						
SSB		←	Thick Jackpines		B			Some exposed rocks.					
2241	1000	←	Grassy slope	St. C.	1"-2 1/2"	B	F						
SSB		←	Thick Jackpines		B			Thick Spruce; Down Timber.					
2242	1200	←	Grassy slope	S.C.	2"-5"	B	M						
SSB		←	Thick Jackpines		B			Thick Spruce; Some exposed rocks.					
2243	1400	←	Grassy slope	S.C.	1"-3"	B	M						
SSB		←	Spruce and Down Timber	C.H.	1/2"-1 1/2"	G	M	Grassy Swamp; Tall Spruce.					
SSB		←	Thick Spruce and Jackpine	C.	B			Some exposed rock.					
2245	1800	←			3"-6"	B	M						
SSB		←	Thick Jackpines		B			Some large Jackpine and Small spruce.					
2246	2000	←	Down Timber.	St. C.	1"-3"	B	F						
SSB		←	Thick Jackpines		B			Down Timber; Small Spruce.					
2247	2200	←	light brush.	St. C.	1"-2"	lt. B	F						
SSB		←	Thick Jackpines		B			Down Timber; Small Spruce.					
2248	2400	←	light brush.	St. C.	2"-6"	B	M						
SSB		←	Jackpine slope.		B			Trees larger; more open.					
2249	2600	←		S.C.	2"-5"	B	M						
SSB		←	Jackpine slope		B			Trees larger; more open.					
2250	2800	←		St. S.	2"-5"	B	M						





# GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: Charles Binns

Sunny and warm.

 AREA: 5000' Sallis Creek

 DATE: June 12, 1970

 PROJECT: 406

 LOCATION REF.: Lillooet, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
3286	6000	←	Thick Jackpine	S.C.	B 2"-4"	B	M	Some exposed rocks. Moist.					
3287	6200	←	Thick Jackpine	St. S.	B 3"-6"	B	F	Some exposed rocks; Moist					
3288	6400	←	Small Jackpine and spruce's grassy.	St. G.C.	B 3"-8"	B	M	Flat open Ground					
3289	6600	←	Small Jackpine and spruce's grassy	St. S.	B 2"-6"	B	F	Above Spruce Flat on bench.					
3290	6800	←	Larger Jackpine and Spruce.	St. S. H	A+B 2"-7"	B. Bl.	M	Above Spruce Flat on bench.					
3291	7000	←	Spruce and Jackpines Flat.	St. C.	B 2"-6"	B	F	Spruce Knoll above Flat.					
3292	7200	←	Spruce and Jackpine Swamp.	H	A 1"-3"	Bl	F	Damp area.					
3293	7400	←	Spruce and Jackpine Swamp.	St. H	A 1"-3"	Bl.	F	Very Swampy					
3294	7600	←	Spruce and Jackpine Swamp	S.G.	A 1"-3"	B	C	Small Creek. C.F.S. + 2.					
3295	7800	←	Spruce and Jackpine Swamp	St. H.	A 2"-5"	Bl	F	Swamp.					
3296	8000	←	Spruce and Jackpines Swamp	St. H. S.	A+B 2"-5"	B. Bl.	M	Edge of Swamp					
3297	8200	←	Spruce and Jackpines Swamp.	H	A 2"-5"	Bl.	F	Edge of Swamp.					
3298	8400	←	Edge of Swamp	G.C.	B 2"-6"	B	C	Just above Swamp.					
3299	8600	←	Jackpine and Spruce.	C. H.	A+B 1"-7"	B. Bl.	M	At end of Swamp.					

3452 - 3440  
3452 - 3430

# CANADIAN JOHNS-DANVILLE Co. Ltd.

Rowy and Foggy.  
C. B. W. W. E.  
I. L. M.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: Charles Purvis

5500 South Fork.

AREA: Sallis Creek

DATE: June 14, 1930

PROJECT: 406

LOCATION REF.: Lillooet, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
3300	S. F. Sallis.	↓	Jackpine, spruce in Creek bottom	G <sub>1</sub>	A-E 2"	B	C	Water flow in creek is swift. Creek drops rapidly.					
3301	200	↓	Jackpine, spruce; Down Timber.	S. C.	A-B 1"-3"	B	M	North exposure; Rock cliffs on opposite side of creek.					
3302	400	↓	Jackpine, spruce; Down Timber	S. C.	A-B 1"-2"	B	M	old burn. Mossy cover.					
3303	600	↓	Spruce, Jackpine and buck brush.	St. C.	A-B 1"-2"	B	M	old burn. Mossy cover.					
3304	800	↓	Spruce and Buck brush; Down Timber.	St. C.	A-B 1"-2"	B	M	Edge of Spruce.					
3305	1000	↓	Larger spruce; Down Timber.	H. C.	A-B 1"-3"	Bl. B	M	Mossy Covered ground.					
3306	1200	↓	Small spruce; very thick.	H. C.	A-B 1"-6"	Bl. B	M	old Burn.					
3307	1400	↓	Small, thick spruce; some Jackpine.	St. C.	A 2"-3"	B	M	More open, old burn.					
3308	1600	↓	Spruce and Jackpine; Down Timber.	H.	A 1"-4"	Bl.	F	South ridge, some rock.					
3309	1800	↓	Thin small spruce and Jackpine.	St. C.	A-B 1"-5"	B	F	Down Timber, old Burn.					
3310	2000	↓	Thick spruce and Jackpine.	St. C.	A 4"-5"	B	M	Very Difficult going.					
3311	2200	↓	Thick spruce and Jackpine	H. C.	A-B 2"-5"	B, G.	M	Very Difficult going.					
3312	2400	↓	Larger Spruce and Jackpine.	St. C.	A 2"-5"	B	M	More Open.					







## GEOCHEMICAL SOIL SURVEY DATA

North Fork

AREA: Selkirk CreekCOLLECTOR: Charles BennettLOCATION REF.: Lakelse P.S.DATE: June 15, 1970PROJECT: 406

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
550 3232 51B	11,800	←	Spruce and Jackpine, grassy	St. S. C.	B 2"-6"	B	M	Near Creek				
3234 54B	11,900	←	Thick spruce	H	A 2"-10"	Bl.	F	Taken in small slow flowing stream.				
3235 54B	12,100	✓	Jackpine, Grassy Slope.	St. C.	B 2"-5"	B	M	open Hillside				
3336 55B	12,900	←	Jackpine, Grassy Slope.	St. C.	B 2"-5"	B	F	open Hill side; Some Spruce.				
3337 55B	12,500	←	Thicker Jackpine, Grassy Slope	G. C.	B 1"-3"	B	C	Small Thick Jackpine				
3338 55B	12,700	←	Thicker Jackpine Grassy Slope	St. C.	B 2"-5"	B	M	Small Thick Jackpine				
3339 55B	12,900	←	Open Jackpine, Grassy Slope.	St. S. C.	B 2"-6"	B	M	open, Some scattered/ rock.				
3240 55B	13,100	✓	Thick Jackpine, Grassy Slope	St. C.	B 2"-4"	B	M	Some Down Timber.				
3241 55B	13,300	✓	Thick Jackpine, Grassy Slope.	St. C.	B 2"-5"	H. B.	F	Some Scattered rock.				
3242 55B	13,500	✓	Open Jackpine Grassy Slope.	S. G.	B 2"-5"	L. B.	F	Some Scattered rocks.				
3243 55B	13,700	✓	open Fir and Jackpine, Grassy Slope.	S. C.	B 3"-6"	B	M	Some Scattered rock.				
3344 55B	13,900	←	open Fir and Jackpine, Grassy Slope.	St. C.	B 2"-6"	B	F	SOME SCATTERED rock				
3245 55B	14,100	✓	open Fir and Jackpine, Grassy Slope.	St. C.	B 4"-12"	DR. B.	M	Some Scattered Rock				
3246 55B	14,300	✓	open Fir steep	St. S.	B 1"-3"	B	M	Some Scattered Rock				
3247 55B	14,500	✓	open Fir, flat.	St. C.	B 2"-8"	B	M	Some Scattered Rock.				





## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BinnieAREA: D ANOMALYDATE: July 8/70PROJECT: 406LOCATION REF.: 3000' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
D 017	600 S 19° E. of L68	40°	3030'	Talus	4"	BL.	Gr. Hu.	ORGANIC ROOTS					
D 018	00 + 50'	"	"	Soil Talus	C 1/3"	Br.	ST Gr	" "					
D 019	00 + 100'	"	"	"	C 1/4"	"	"	" "					
D 020	00 + 150'	"	"	"	C 1/5"	"	"	" "					
D 021	00 + 200'	"	"	"	C 1/3"	"	"	" "					
D 022	00 + 250'	"	"	"	C 1/6"	"	"	" "					
D 023	00 + 300'	"	"	"	C 1/3"	DK Br.	"	" "					
D 024	00 + 350'	"	"	Soil	C 1/6"	Br	"	" "					
D 025	00 + 400'	37°	3040	"	C 1/3"	"	"	" "					
D 026	00 + 450'	"	"	"	C 1/3"	"	"	" "					
D 027	00 + 500'	"	"	"	C 1/6"	"	"	" "					
D 028	00 + 550'	"	"	"	B 1/4"	"	ST	" "					
D 029	00 + 600'	"	"	"	C 1/6"	"	ST Gr	" "					
D 030	00 + 650'	36°	"	"	C 1/3"	"	"	" "					
D 031	00 + 700'	"	"	"	C 1/5"	"	"	" "					



## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNIEAREA: 3000' CONTOUR D. ANOMALYDATE: July 13/70PROJECT: 406LOCATION REF.: STK 1171

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
P 042	STK 1171 +50 W.	35°	3000'	Talus	6"	BL.	Sd. Gr.	ORGANIC ROOTS					
P 043	1171 +100	"	"	Soil Talus	C/4"	Br.	St. Sd/Gr.	" "					
D 044	1171 +150	"	"	"	1/11"	"	St. Gr.	" "					
D 045	SSK 1170	"	"	"	C/7"	"	"	" "					
D 046	1170 +50	"	"	Talus	4"	BL.	Sd. Gr.	" "					
D 047	1170 +100	"	"	Soil Talus	C/6"	Br.	St. Gr.	" "					
D 048	1170 +150	"	"	Talus	5"	"	Sd. Gr.	" "					
D 049	1170 +200	"	"	"	6"	"	"	" "					
D 050	1170 +250	"	"	"	4"	"	"	" "					
D 051	1170 +300	"	"	Soil Talus	C/8"	BL	St. Gr.	" "					
D 052	1170 +350	"	"	"	C/15"	Br	"	" "					
D 053	1170 +400	"	"	Soil	C/4"	"	"	" "					
D 054	1170 +450	"	"	"	C/6"	"	"	" "					
D 055	1170 +500	"	"	"	1 3/4"	DK Br.	St.	" "					
D 056	1170 +550	"	2980'	"	C/3"	Br.	St Sd Gr	" "					

# CANADIAN JOHNS MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE

 AREA: 3000' Contour D. ANAMAK

 DATE: July 13 170

 PROJECT: 406

 LOCATION REF.: STK 1171

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
D 057	1170 +600	35°	2970'	Talus	Surface	Grey	Sd. Gr						
D 058	1170 +650	"	"	Soil	C/3"	Lt. Br.	"	ORGANIC ROOTS					
D 059	1170 +700	"	"	Soil Talus	C/5"	Br.	St. Sd. Gr.	"					
D 060	1170 +750	"	"	"	C/8"	Lt. Br.	ST Gr.	"					
D 061	1170 +800	"	"	Soil	C/6"	Br.	"	"					
D 062	1170 +850	"	"	Soil Talus	C/4"	"	"	"					
D 063	1170 +900	"	"	"	C/4"	"	"	"					
D 064	1170 +950	"	"	Soil	C/5"	"	"	"					
D 065	1170 +1000	"	3000'	"	" / "	"	"	"					
D 066	1170 +1050	"	"	"	C/4"	"	"	"					
D 067	1170 +1100	"	3080	"	C/3"	"	"	"					
D 068	1170 +1150	"	"	"	" / "	"	"	"					
D 069	1170 1200	"	"	"	" / "	"	"	"					
D 070	1170 +1250	"	"	"	" / "	"	"	"					
D 071	STK 1164	37°	"	"	C/12"	"	ST Sd. Gr	"					

## CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BinnieAREA: 2750' contour "D" AnomalyDATE: July 13 170PROJECT: 406LOCATION REF.: SSK 1164

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
D 072	0+00	36°	2800'	Soil	C/4"	BR.	ST. Gr.	200' N.5° E. / organic of SSK 1164 / Roots					
D 073	0+50' E	"	"	"	"/1"	"	"	ORGANIC Roots					
D 074	0+100 "	"	"	"	"/1"	"	"	" "					
D 075	0+150 "	"	"	"	"/1"	"	"	" "					
D 076	0+200 "	"	"	"	"/1"	"	"	" "					
D 077	0+250 "	"	"	"	"/1"	"	"	" "					
D 078	0+300 "	"	"	"	C/8"	"	"	" "					
D 079	0+350 "	"	"	Talus	6"	BL.	Sd. Gr.	" "					
D 080	0+400 "	"	"	Soil Talus	C/6"	Br.	"	" "					
D 081	0+450 "	"	"	"	"/1"	"	ST. Sd. Gr.	" "					
D 082	0+500 "	"	"	Soil	C/4"	Grey	"	" "					
D 083	0+550 "	"	"	Soil Talus	C/5"	BL	Sd. Gr.	" "					
D 084	0+600 "	"	"	Talus	3"	Grey	"	" "					
D 085	0+650 "	"	"	"	"	"	"	" "					
D 086	0+700 "	"	"	"	5"	Br	ST. Sd. Gr.	" "					











# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: J. LIM

 AREA: ROADCUT

 DATE: JULY 15

 PROJECT: 406

LOCATION REF.: \_\_\_\_\_

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
R001	0+00		3400'	SOIL TALUS	C 3'	LIGHT BROWN	SAND GRAVEL	ORGANIC ROOTS					
R002	0+50			"	C 6'	"	"	"					
R003	1+00			"	C 6'	"	"	"					
R004	1+50			"	C 3'	"	"	"					
R005	2+00			"	C 4'	"	"	"					
R006	2+50			"	"	BROWN	"	"					
R007	3+00			"	C 5'	"	SILT SAND GRAVEL	"					
R008	3+50			"	C 4'	"	"	"					
R009	4+00			"	"	"	"	"					
R010	4+50			"	"	"	"	"					
R011	0+00			"	C 3'	"	"	"					
R012	0+50			"	C 3'	"	"	"					
R013	1+00			"	C 5'	ORANGE BROWN	"	"					
R014	1+50			"	C 6'	BROWN	"	"					
R015	2+00			"	C 5'	"	SAND GRAVEL	"					



# CANADIAN JOHNS-INVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNIE

AREA: UPPER GIBBS CREEK

DATE: JULY 2, 1970

PROJECT: 400

LOCATION REF.: SSG 2071

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
6001	SSG 2071 0100	38'	4500'	SOIL	C 5"	BROWN	SAND & GRAVEL	ORGANIC ROOTS					
6002	2071 0150	"	"	"	"	"	"	"					
6003	2071 1100	"	"	"	C 7"	"	"	"					
6004	2071 1150	"	"	"	C 5"	"	SILT SAND GRAVEL	"					
6005	SSG 2072 0100	"	"	"	"	"	"	"					
6006	2072 0150	"	"	"	C 10"	DARK BROWN	"	"					
6007	2072 1100	"	"	"	C 7"	"	"	"					
6008	2072 1150	38'	"	"	C 7"	BROWN	CLAY SAND GRAVEL	"					
6009	SSG 2073 0100	25'	"	"	C 5"	"	SAND GRAVEL	"					
6010	2073 0150	"	"	"	C 3"	"	GRAVEL CLAY	"					
6011	2073 1100	"	"	"	C 4"	"	SILT SAND GRAVEL	"					
6012	2073 1150	"	"	"	"	"	GRAVEL CLAY	"					
6013	SSG 2074 0100	"	"	"	"	"	CLAY SAND GRAVEL	"					
6014	2074 0150	"	"	"	C 5"	"	SILT SAND GRAVEL	"					
6015	2074 1100	"	"	"	C 3"	"	CLAY GRAVEL	"					





# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C Binnie

 AREA: G. ANOMALY

 DATE: July 7/70

 PROJECT: 406

 LOCATION REF.: 5000' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
G 026	SLG 2040	35°	5000'	Talus	3"	Gr.	Sd Gr							
G 027	2040 +50	"	"	"	4"	BL.	Gr ST	ORGANIC ROOTS						
G 028	2040 +100	"	"	Soil Talus	C/2"	BR.	ST Sd Gr	" "						
G 029	2040 150	"	"	Talus	2"	BL.	" "	" "						
G 030	STG 2041	"	"	Talus FINES	"	"	Gr.	" "						
G 031	2041 +50	"	"	Talus	6"	Gr. BL.	Sd Gr.	" "						
G 032	2041 +100	"	"	"	3"	"	"	" "						
G 033	2041 +150	"	"	"	6"	"	"	" "						
G 034	STG 2042	"	"	"	5"	"	"	ORGANIC ROOTS						
G 035	2042 +50	"	"	"	5"	"	ST Sd Gr.	" "						
G 036	2042 +100	"	"	"	6"	LT. BL.	" "	" "						
G 037	2042 +150	"	"	Soil Talus	C/4"	DR. BR.	ST Gr.	" "						
G 038	STG 2043	"	"	Talus	3"	LT. BR.	ST Sd Gr	" "						
G 039	2043 +50	"	"	Soil Talus	C/4	BR	ST. Gr.	" "						
G 040	2043 +100	"	"	"	1/1"	"	"	" "						

# CANADIAN JOHNS MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C Binnie

 AREA: G Anomaly

 DATE: July 7/70

 PROJECT: 406

 LOCATION REF.: 5000' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
G 046	2043 +150	35°	5000'	Soil Talus	C/4"	Br.	St. Gr.	Organic Roots				
C 042	SSG 2044	"	"	Soil	1/1"	Lt. Br.	"	" "				
G 048	2044 +50	"	"	"	C/3"	Br.	"	" "				
C 044	2044 +100	"	"	Soil Talus	C/4"	"	"	" "				
G 045	2044 +150	"	"	"	1/1"	"	"	" "				
G 046	STG 2045	"	"	Talus	4"	BL.	"	" "				
G 047	2045 +50	"	"	"	2"	BR.	"	" "				
G 048	2045 +100	"	"	"	5"	Dk. Br.	"	" "				
G 049	2045 +150	"	"	"	4"	"	"	" "				
G 050	STG 2046	32°	"	Soil Talus	C/6"	Br.	Sd. St. Gr.	" "				
G 051	2046 +50	"	"	Soil	C/4"	"	"	" "				
G 052	2046 +100	"	"	"	1/1"	"	"	" "				
G 053	2046 +150	"	"	"	C/3"	"	"	" "				
G 054	SSG 2047	"	"	"	1/1"	"	"	" "				
G 055	2047 +50	"	"	"	1/1"	"	"	" "				

# CANADIAN JOHNS-MANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C Binnie

 AREA: G Anomaly

 DATE: July 7/70

 PROJECT: 406

 LOCATION REF.: 5000' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
G 056	2047 +100	32	5000'	Soil Talus	C/4"	Br	ST sd Gr	Organic Roots					
G 057	2048 +150	"	"	Soil	"/1"	DK Br	sd. Gr.	" "					
G 058	SSG 2048	"	"	"	C/2"	Br	"	" "					
G 059	2048 +150	"	"	Soil Talus	C/4'	"	"	" "					
G 060	2048 +100	"	"	"	C/5	"	"	" "					
G 061	2048 +150	"	"	"	"/1"	"	ST. Gr.	" "					
G 062	SSG 2049	"	"	"	"/1"	"	"	" "					
G 063	2049 +50	"	"	Soil	C/4"	"	ST sd Gr	" "					
G 064	2049 +100	"	"	"	C/3"	"	"	" "					
G 065	2049 +150	"	"	Soil Talus	"/1"	"	"	" "					
G 066	SSG 2050	"	"	"	"/1"	"	"	" "					
G 067	2050 +50	"	"	"	C/5"	DK Br	ST Gr	" "					
G 068	2050 +100	"	"	Soil	C/3"	Br	ST sd Gr	" "					
G 069	2050 +150	"	"	"	C/4"	Br	"	" "					
G 070	SSG 2051	"	"	"	C/4"	"	"	" "					

# CANADIAN JOHNS. LANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE

 AREA: G Anomaly

 DATE: July 7/70

 PROJECT: 406

 LOCATION REF.: 5000' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
G 071	2051 +50	32°	5000'	Soil	C/3"	Br.	ST gr.	ORGANIC Roots					
G 072	2051 +100	"	"	"	C/4"	Dk. Br.	"	" "					
G 073	2051 +150	35°	"	"	" /11"	Br.	"	" "					
G 074	SSG 2052	"	"	Soil Talus	" /11"	"	"	" "					
G 075	2052 +50	"	"	Soil	C/3"	"	ST sd gr.	" "					
G 076	2052 +100	"	"	Soil Talus	" /11"	Dk. Br.	" "	" "					
G 077	2052 +150	"	"	Soil	C/4"	"	ST gr.	" "					
G 078	SSG 2053	"	"	"	" /11"	Br.	"	" "					
G 079	2053 +50	"	"	"	" /11"	"	"	" "					
G 080	2053 +100	"	"	"	C/3"	Dk. Br.	"	" "					
G 081	2053 +150	"	"	"	" /11"	Br.	"	" "					
G 082	SSG 2054	"	"	Soil Talus	" /11"	"	"	" "					

# CANADIAN JOHNS-INVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE

 AREA: G. Anomaly

 DATE: July 9/70

 PROJECT: 406

 LOCATION REF.: 5500' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
G 113	2140 +100	32°	5420'	Soil Talus	C/4"	Grey	ST Sd. Gr.	ORGANIC ROOTS				
G 114	2140 +150	"	"	"	C/2"	"	ST Gr.	" "				
G 115	STG 2139	"	"	"	C/3"	"	ST Sd. Gr.	" "				
G 116	2139 +50	"	"	"	C/2"	"	ST Gr.	" "				
G 117	2139 +100	"	"	"	C/5"	BR.	"	" "				
G 118	2139 +150	25°	"	Soil	C/3"	"	CLAY Gr.	" "				
G 119	STG 2138	"	"	Soil	C/4"	"	ST Sd. Gr.	" "				
G 120	2138 +50	"	"	Soil Talus	A/1"	BL + B+	Hu. CLAY	" "				
G 121	2138 +100	"	"	Soil	C/3"	BR	CLAY ST. Gr.	" "				
G 122	2138 +150	"	"	"	C/4"	"	CLAY Gr.	" "				
G 123	SSG 2137	"	"	Soil Talus	C/3"	"	ST Sd. Gr.	" "				
G 124	2137 +50	"	"	Soil	C/5"	BL	ST Gr.	" "				
G 125	2137 +100	"	"	Soil Talus	"/11	Grey	"	" "				
G 126	2137 +150	"	"	Soil	C/3"	BR.	ST Sd. Gr.	" "				
G 127	SSG 2136	26°	5500'	"	C/3"	"	ST. Gr.	" "				

# CANADIAN JOHNS-ANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C. BINNIE

 AREA: G. Anomaly

 DATE: July 9/70

 PROJECT: 406

 LOCATION REF.: 5500' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
083	STG 2147	38°	5490'	Talus	4"	Grey +Ba	Sd Gr.	Organic Roots					
084	2147 +50	"	"	"	"	Grey	"	" "					
085	2147 +100	"	"	"	2"	BR.	ST Sd Gr.	" "					
086	2147 +150	"	"	"	"	"	ST Gr.	" "					
087	STG 2146	"	"	"	"	"	ST sd. Gr.	" "					
088	2146 +50	"	"	Talus FINES	"	Grey	Sd Gr.						
089	2146 +100	"	"	"	"	"	"						
090	2146 +150	"	"	Talus	4"	"	clay Sd Gr.	" "					
091	STG 2145	"	"	"	6"	"	ST Sd Gr.	" "					
092	2145 +50	"	"	"	"	"	"	" "					
093	2145 +100	"	5420'	"	"	"	"	" "					
094	2145 +150	36°	5460'	"	4"	BL.	"	" "					
095	SSG 2144	34°	"	Soil Talus	C/4	Br	ST Sd Gravel	" "					
096	2144 +50	"	"	"	C/6	Grey	"	" "					
097	2144 +100	"	"	"	C/3	"	"	" "					



# CANADIAN JOHNS. YANVILLE Co. Ltd.

## GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR: C Binnie

 AREA: G Anomaly

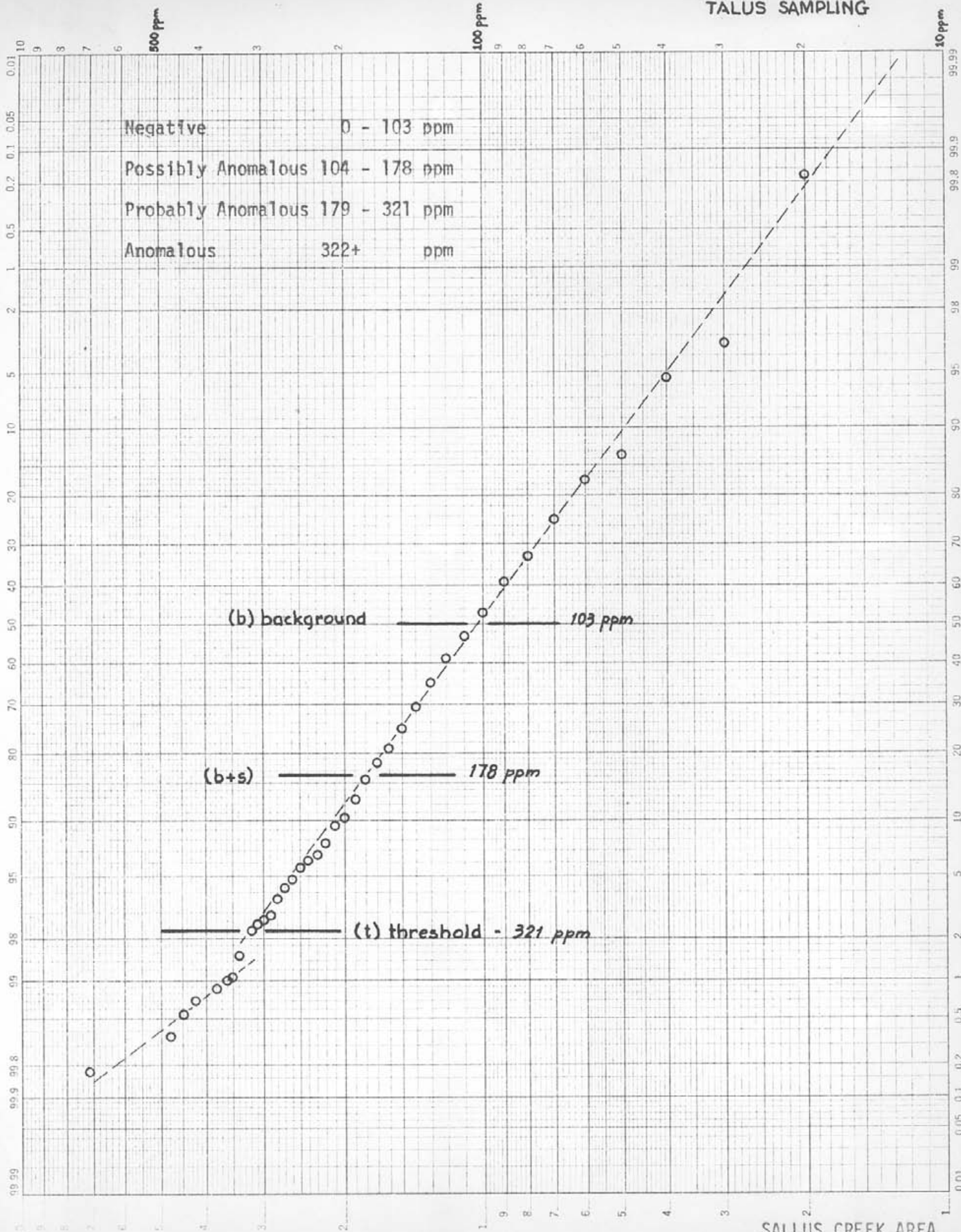
 DATE: July 9/70

 PROJECT: 406

 LOCATION REF.: 5500' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
G 098	2144 +150	34°	5460'	Soil	C/2"	Br.	ST sd	ORGANIC ROOTS					
G 099	STG 2143	32°	"	Soil Talus	C/2.5"	BL + Br.	Hu Gr.	" "					
G 100	2143 +50	"	"	"	B/2"	BL.	ST Gr	" "					
G 101	2143 +100	"	"	Soil	B+C/3"	"	ST Hu Gr.	" "					
G 102	2143 +150	"	"	"	B/3"	Grey + Br.	ST Gr	" "					
G 103	STG 2142	"	"	"	A+B/C/5"	Br	"	" "					
G 104	2142 +50	"	"	"	B/C/3"	Grey + Br	ST Hu. gr.	" "					
G 105	2142 +100	"	"	"	C/2"	"	ST gr	" "					
G 106	2142 +150	"	"	Talus FINES	Surface	grey	ST sd Gr	" "					
G 107	STG 2141	"	"	"	5"	BL	sd. Gr.	" "					
G 108	2141 +50	"	"	Talus	4"	BL	"	" "					
G 109	2141 +100	"	"	Soil	C/5"	Br.	"	" "					
G 110	2141 +150	"	"	Soil Talus	C/3"	BL + Br.	"	" "					
G 111	STG 2140	"	"	"	"	Grey Br.	"	" "					
G 112	2140 +50	"	5420'	Soil	A+B/3"	Br	ST. Hu.	" "					

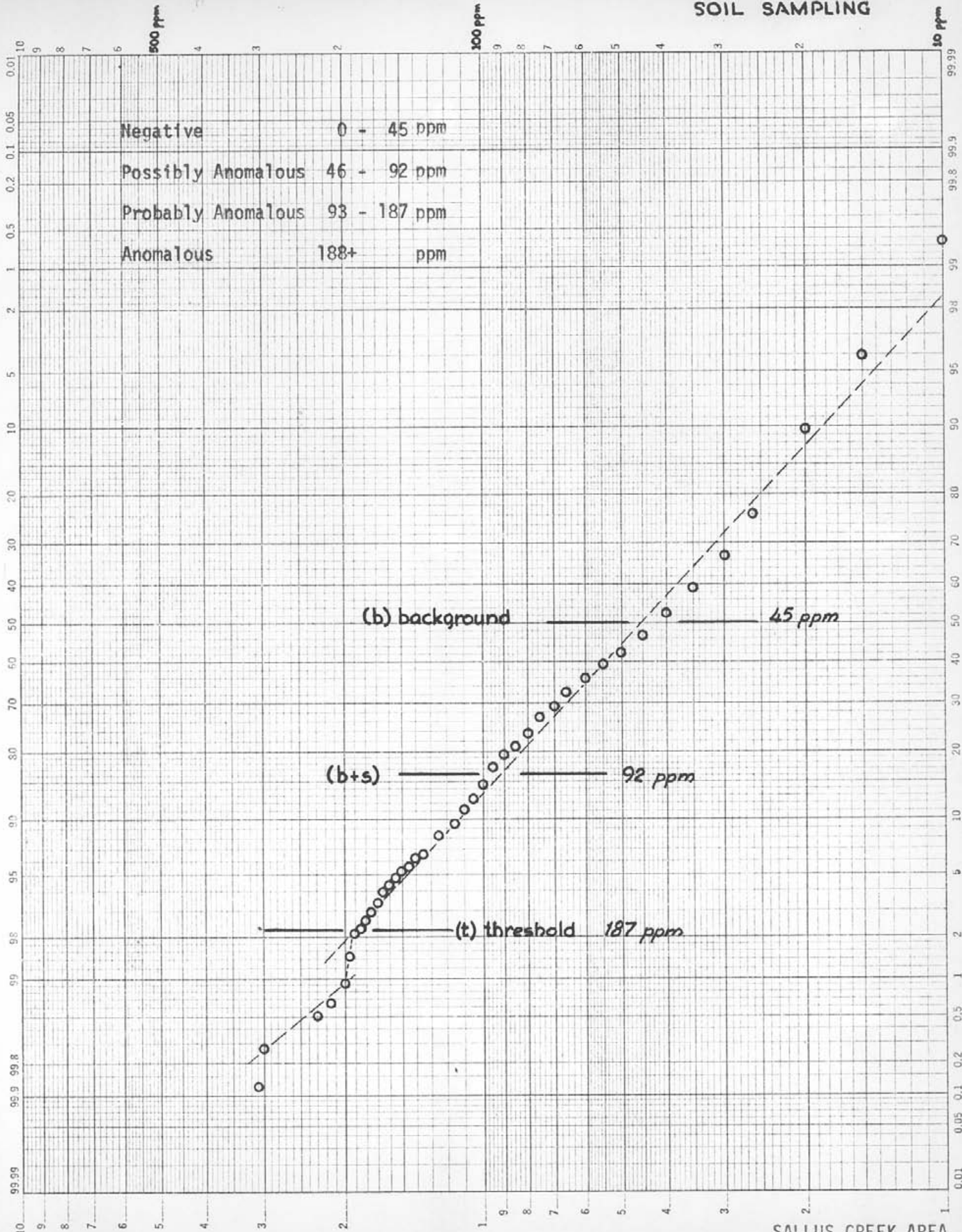
APPENDIX IV  
DATA STATISTICS  
CUMULATIVE FREQUENCY DISTRIBUTION



KE PROBABILITY  
 X 2 LOG CYCLES  
 KEUFFEL & ESSER CO.

46 8043

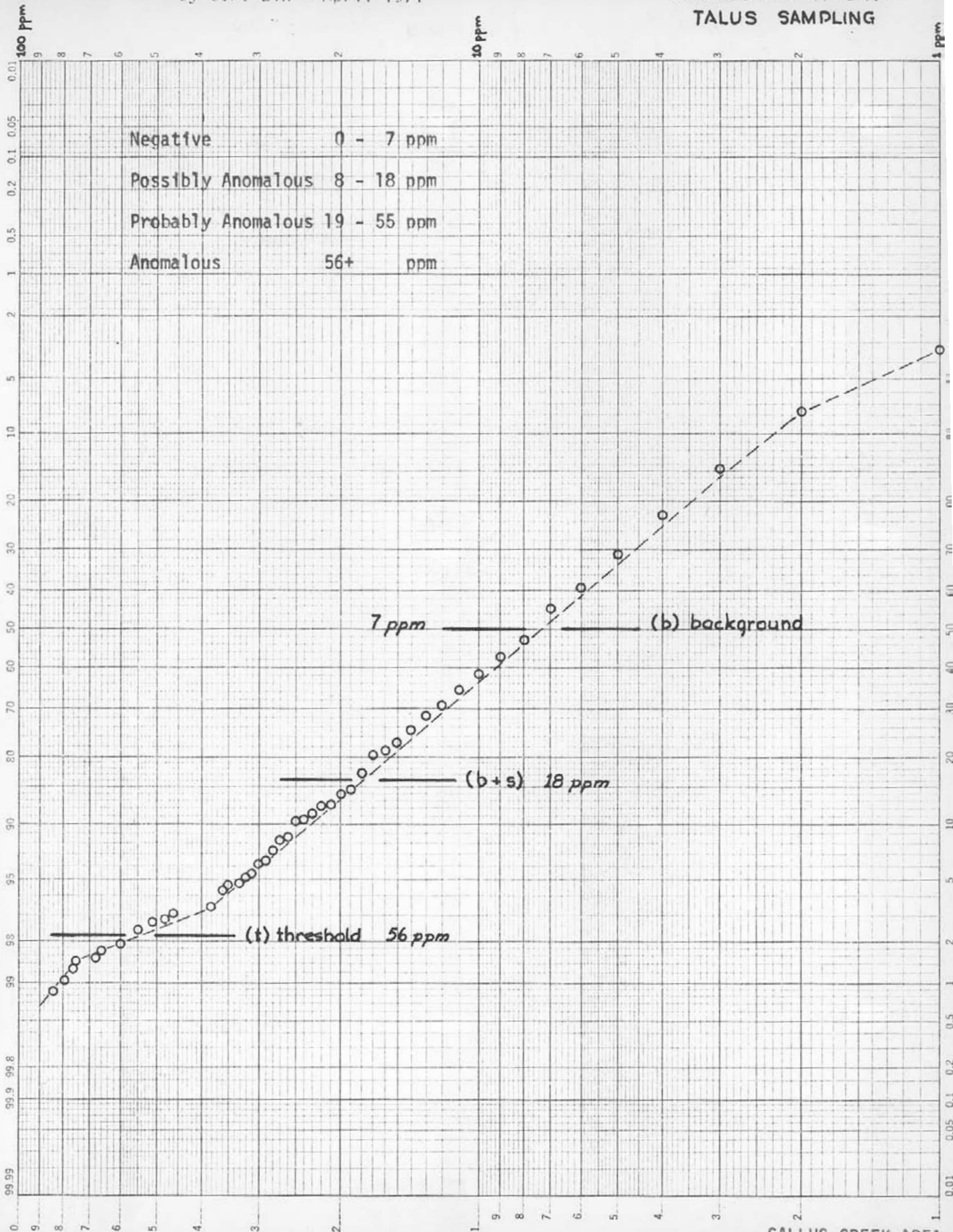
**COPPER**  
 SOIL SAMPLING



K&S PROBABILITY 46 8043  
 X 2 LOG CYCLES MADE IN U.S.A.  
 KEUFFEL & ESSER CO.

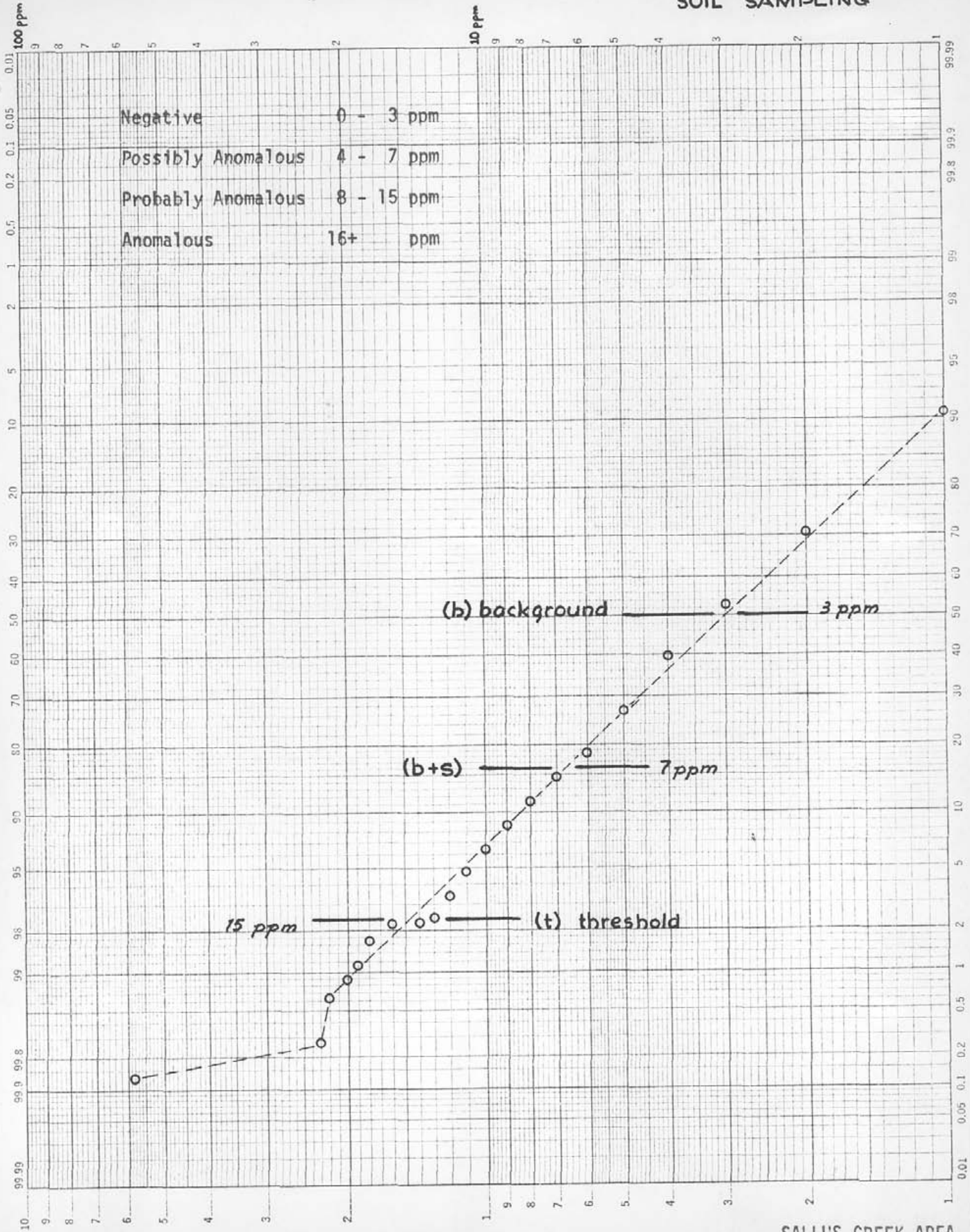


**MOLYBDENUM**  
 TALUS SAMPLING



K&E PROBABILITY  
 X 2 LOG CYCLES  
 KEUFFEL & ESSER CO.  
 46 8043  
 MADE IN U.S.A.

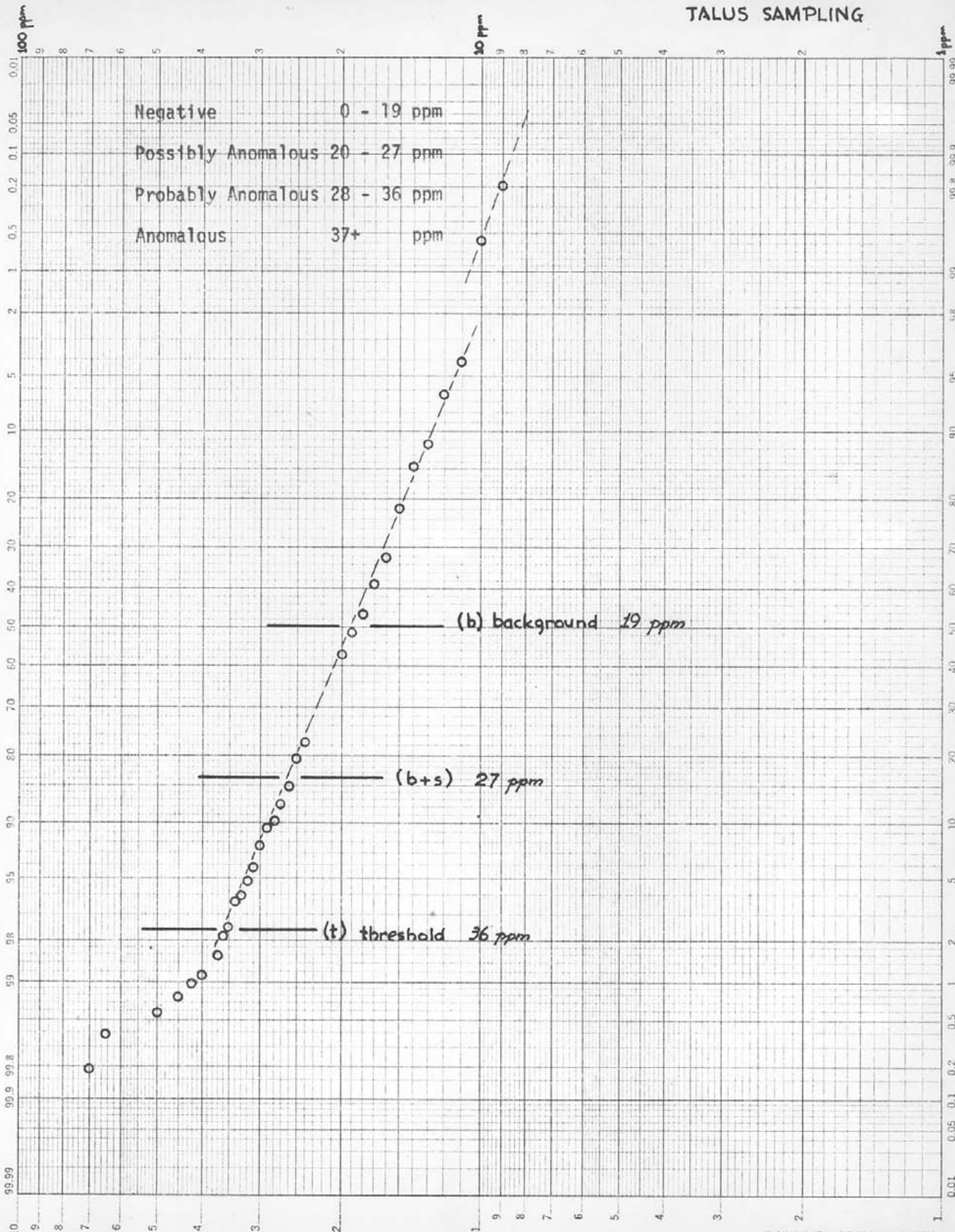
# MOLYBDENUM SOIL SAMPLING



K<sub>2</sub> PROBABILITY 46 8043  
 X 2 LOG CYCLES  
 KEUFFEL & ESSER CO.



# LEAD TALUS SAMPLING

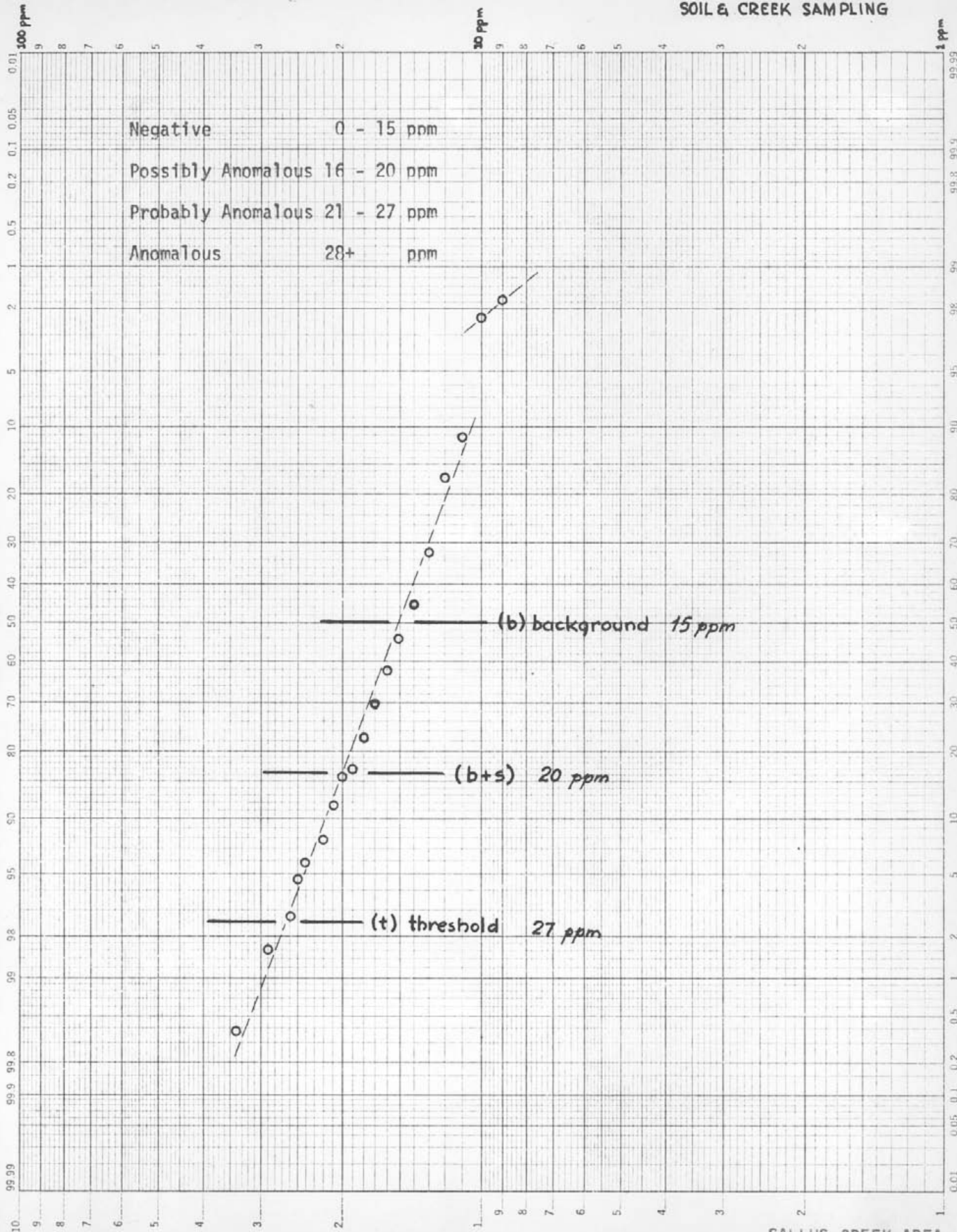


KE PROBABILITY  
 X 2 LOG CYCLES  
 KEUFFEL & ESSER CO.

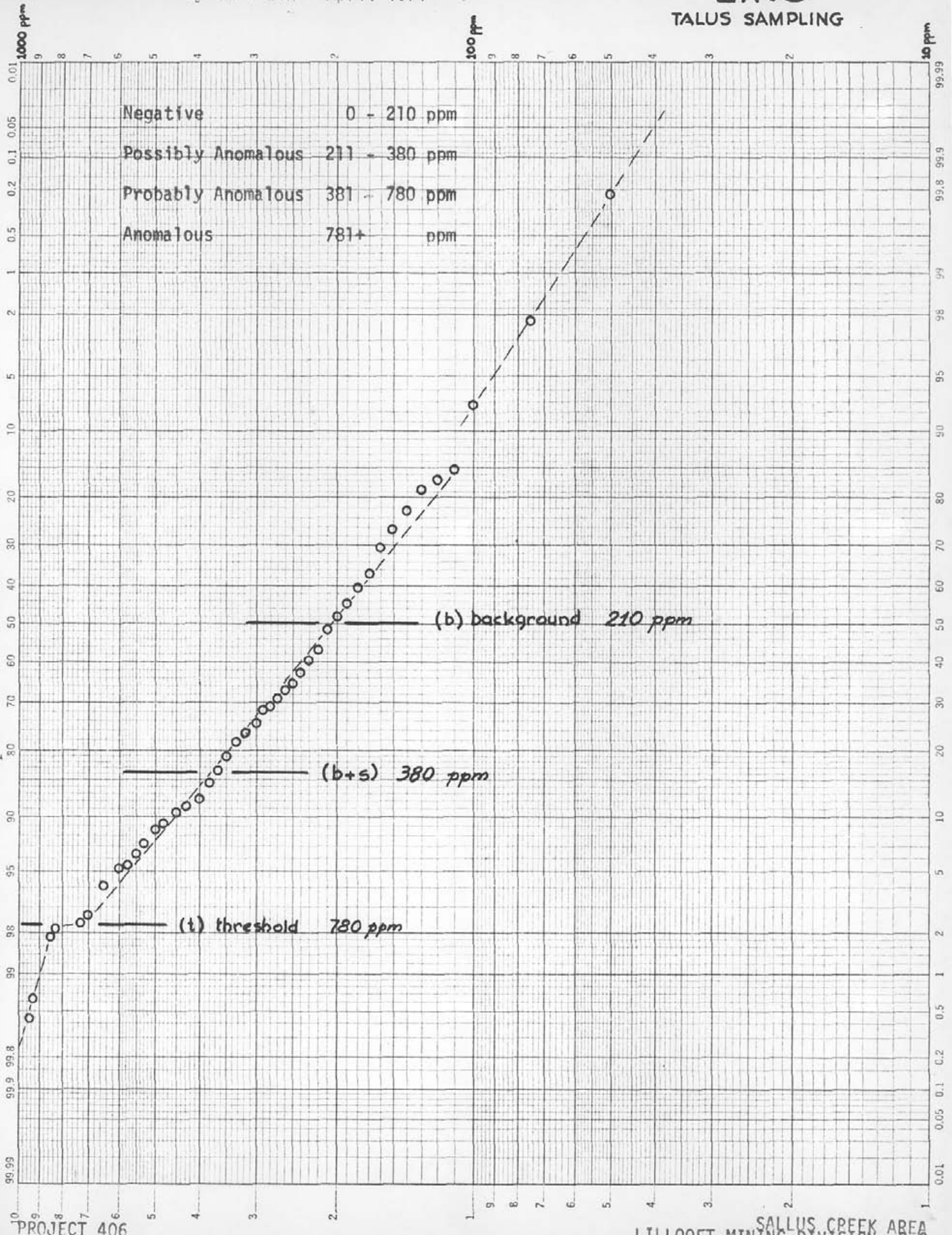
# LEAD

SOIL & CREEK SAMPLING

KE PROBABILITY  
 X 2 LOG CYCLES  
MADE IN U.S.A.  
 KEUFFEL & ESSER CO.



**ZINC**  
 TALUS SAMPLING



K&E PROBABILITY 46 8043  
 X 2 LOG CYCLES  
 NEUFFEL & ESSER CO.

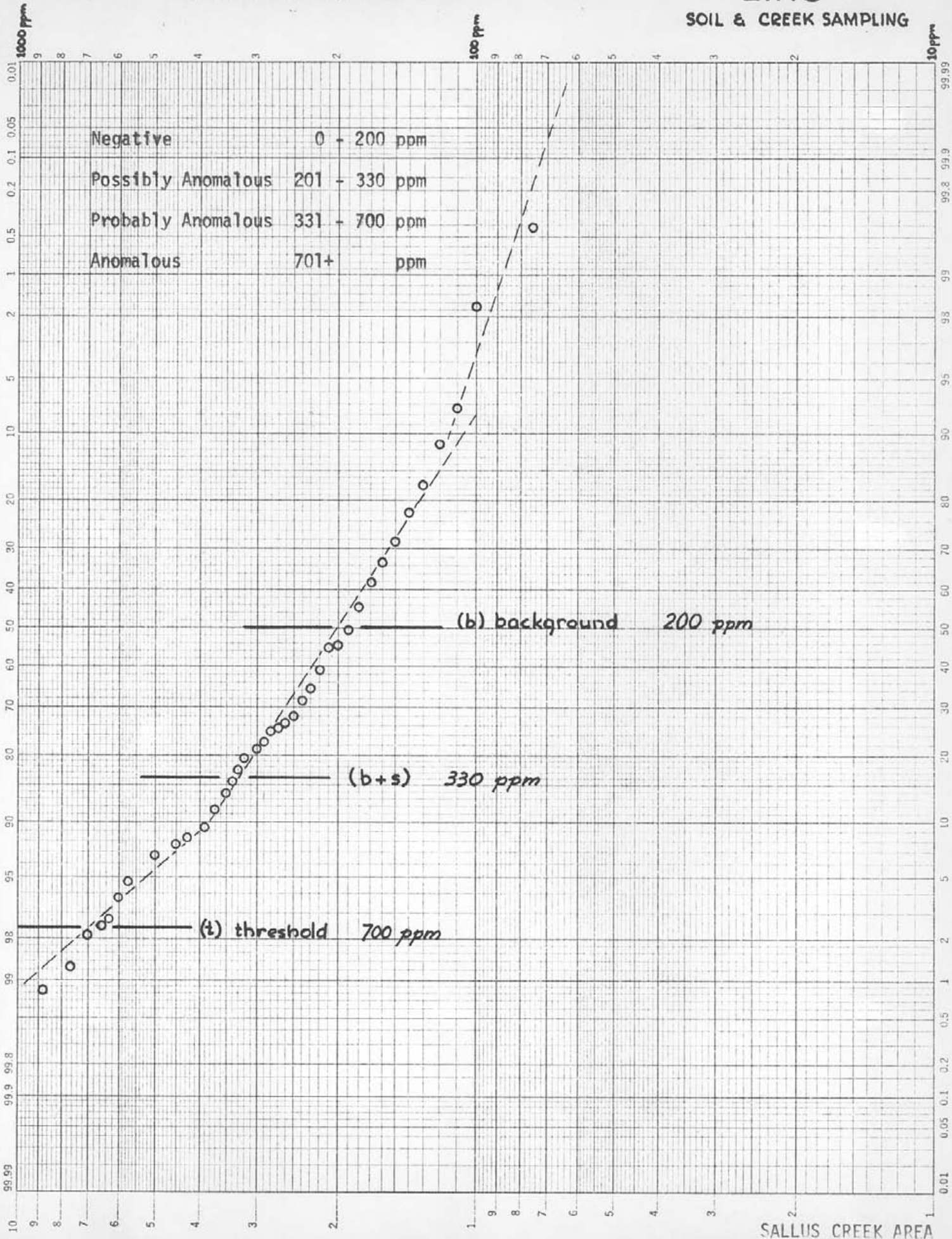
PROJECT 406

SALLUS CREEK AREA  
 LILLOET MINING DIVISION, B.C.

APPENDIX V  
DIAMOND DRILLING  
RECORD AND SECTIONS



**ZINC**  
 SOIL & CREEK SAMPLING

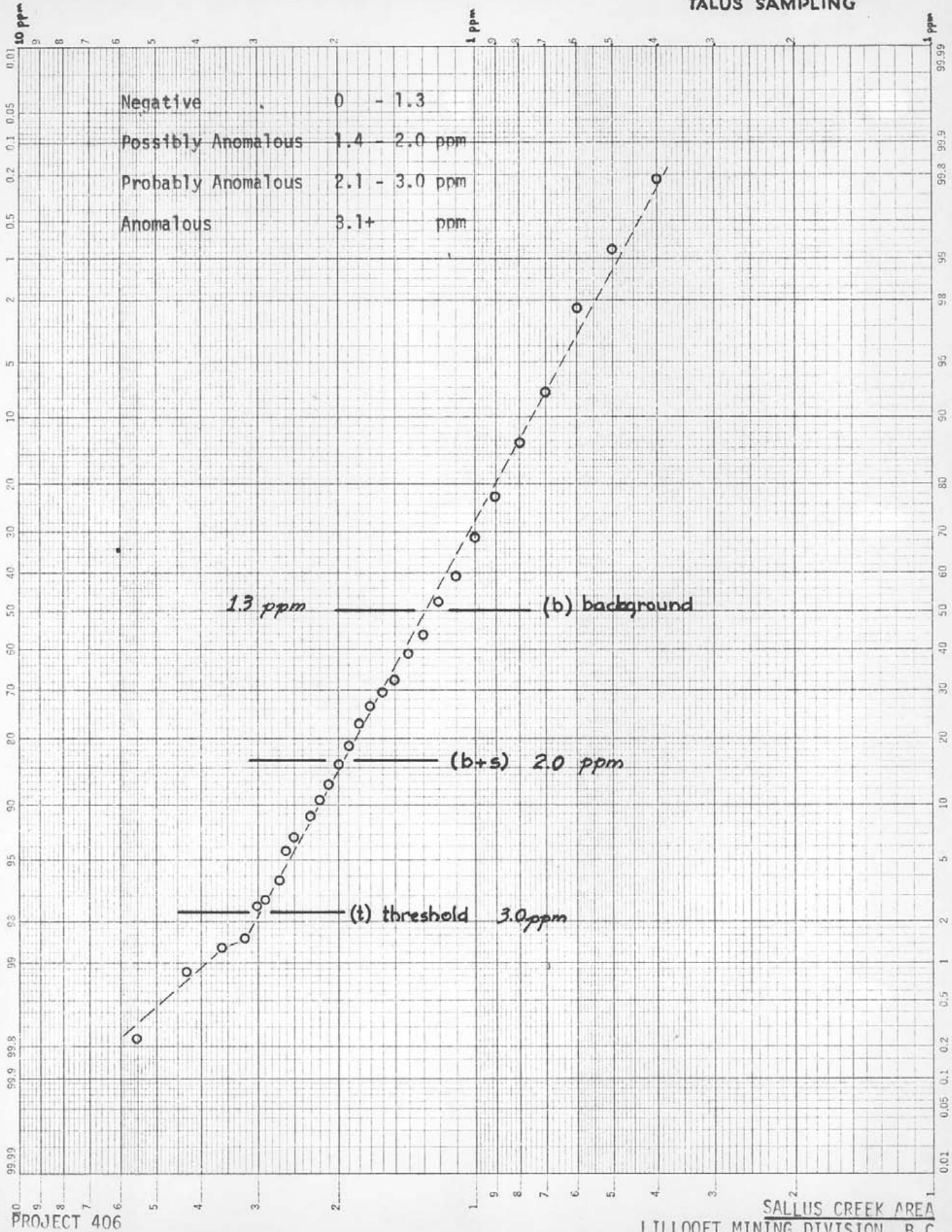


K&E PROBABILITY  
 X 2 LOG CYCLES  
 KEUFFEL & ESSER CO.

46 8043  
 MADE IN U.S.A.

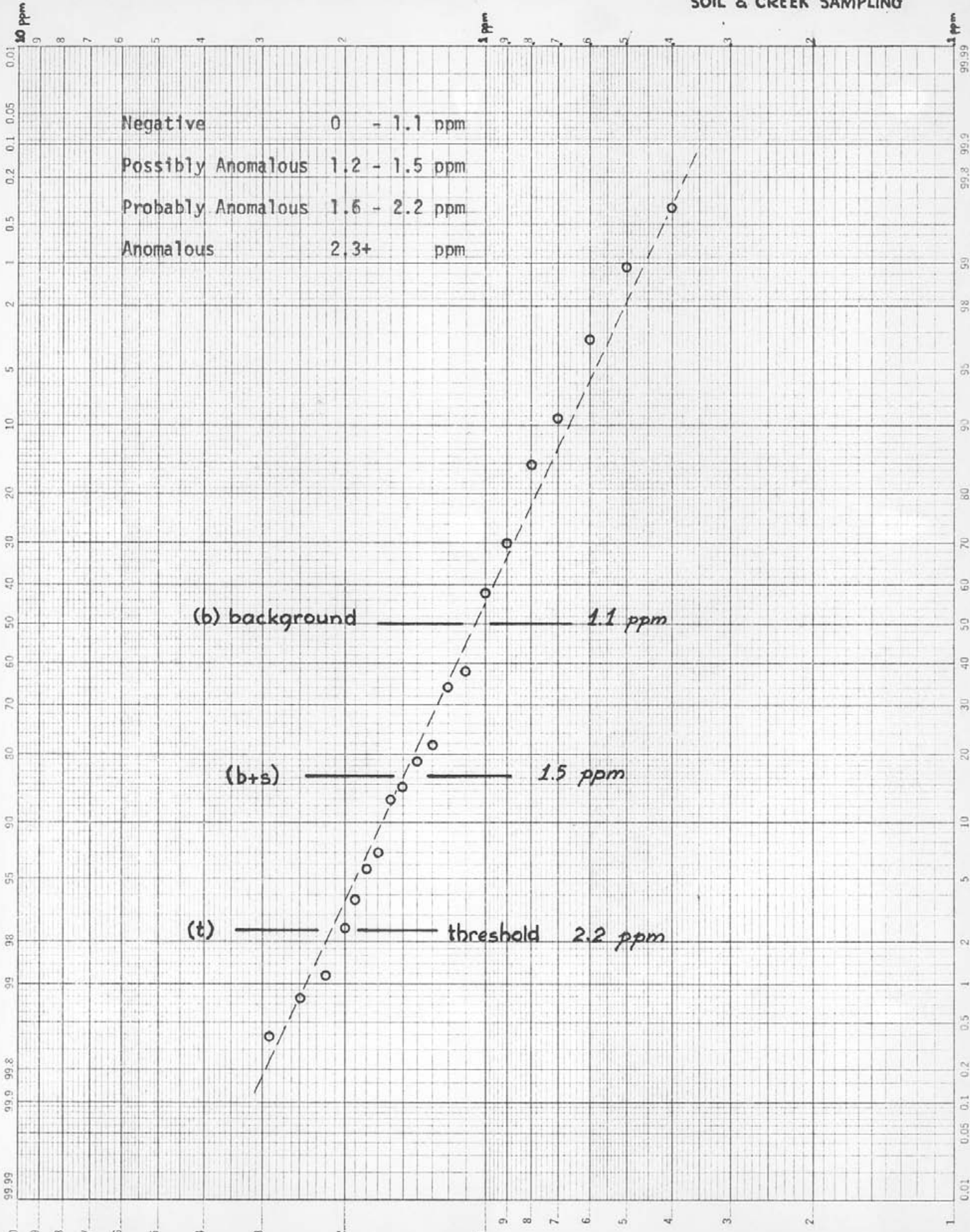
**SILVER**  
**TALUS SAMPLING**

K&E PROBABILITY 46 8043  
 X 2 LOG CYCLES  
 MADE IN U.S.A.  
 KEUFFEL & ESSER CO.





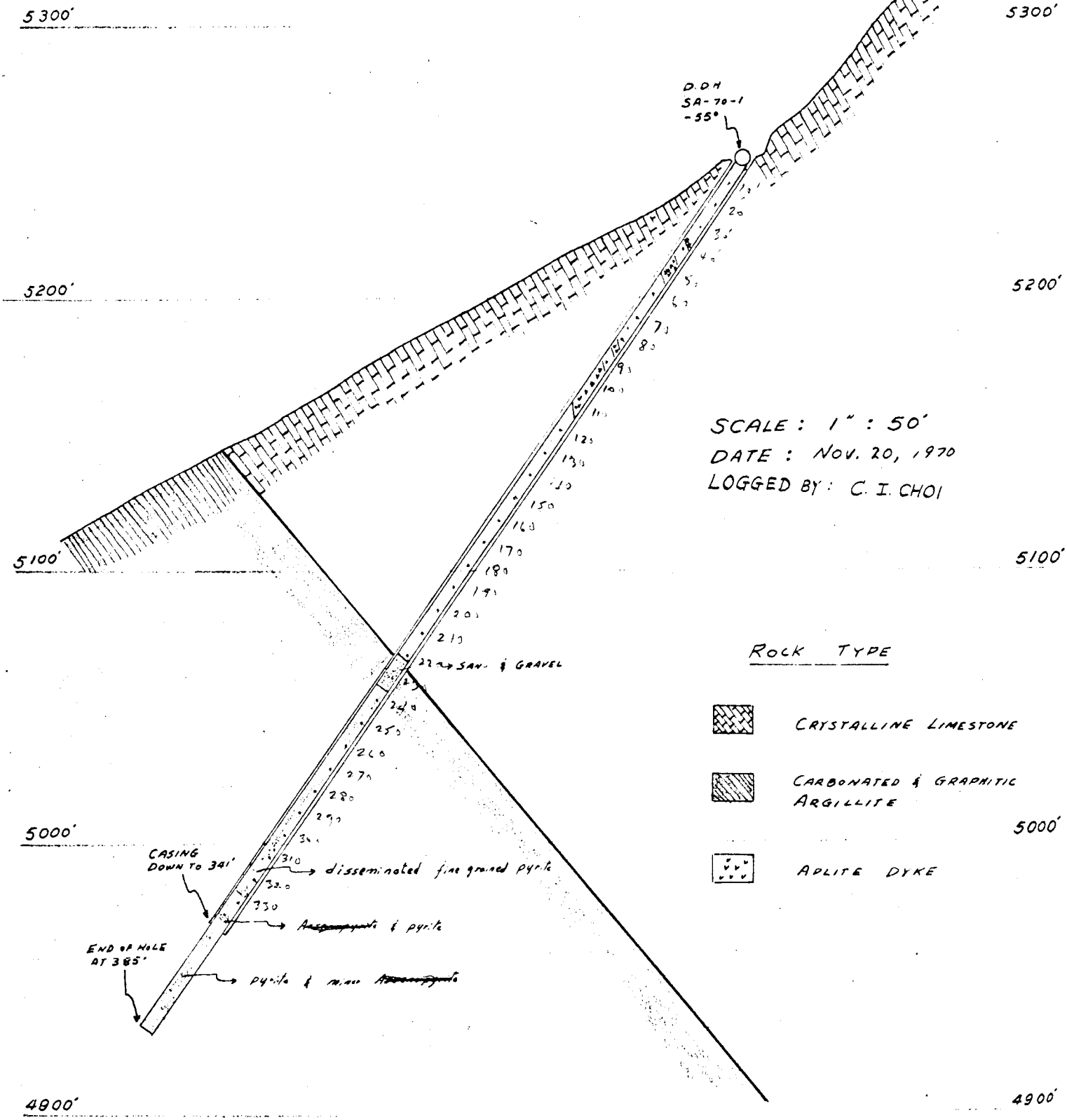
**SILVER**  
 SOIL & CREEK SAMPLING



K&E PROBABILITY 46 8043  
 X 2 LOG CYCLES  
 KEUFFEL & ESSER CO.




SALLUS CREEK PROJ. HOLE NO. SA-70-1

DRILL SECTION PROJ. 406 A-A'  
LOOKING NORTH



SCALE: 1" : 50'  
DATE: NOV. 20, 1970  
LOGGED BY: C. I. CHOI

ROCK TYPE

-  CRYSTALLINE LIMESTONE
-  CARBONATED & GRAPHITIC ARGILLITE
-  APLITE DYKE

SALLUS CR. PROJ.

HOLE NO. SA-70-2  
**DRILL SECTION** PROJ. 406

5300'

5300'

D.R.H.  
SA-70-2  
-59'

NO CORE  
BY MR. CASING

LOOKING WEST

SCALE: 1" : 50'

DATE: Nov. 27, 1970

LOGGED BY: C. I. CHOI

5200'

5200'

MR CASING  
100'

Core  
Should Dark brown to buff  
Altered Limb.

MR CASING  
147'

Misc pyrite, disseminated

182' Nov. 28

5100'

5100'


Considerable amount  
of pyrite & arsenic  
disseminated.  
Approximately 4-5%  
sulfides (?)


CALCAREOUS ARGILLITE

222' ARGILLITE: DISSEMINATED PYRITE  
233'

END OF HOLE  
AT 233'

ROCK TYPE

 Crystalline Limestone

 Carbonated & Graphitic  
Argillite

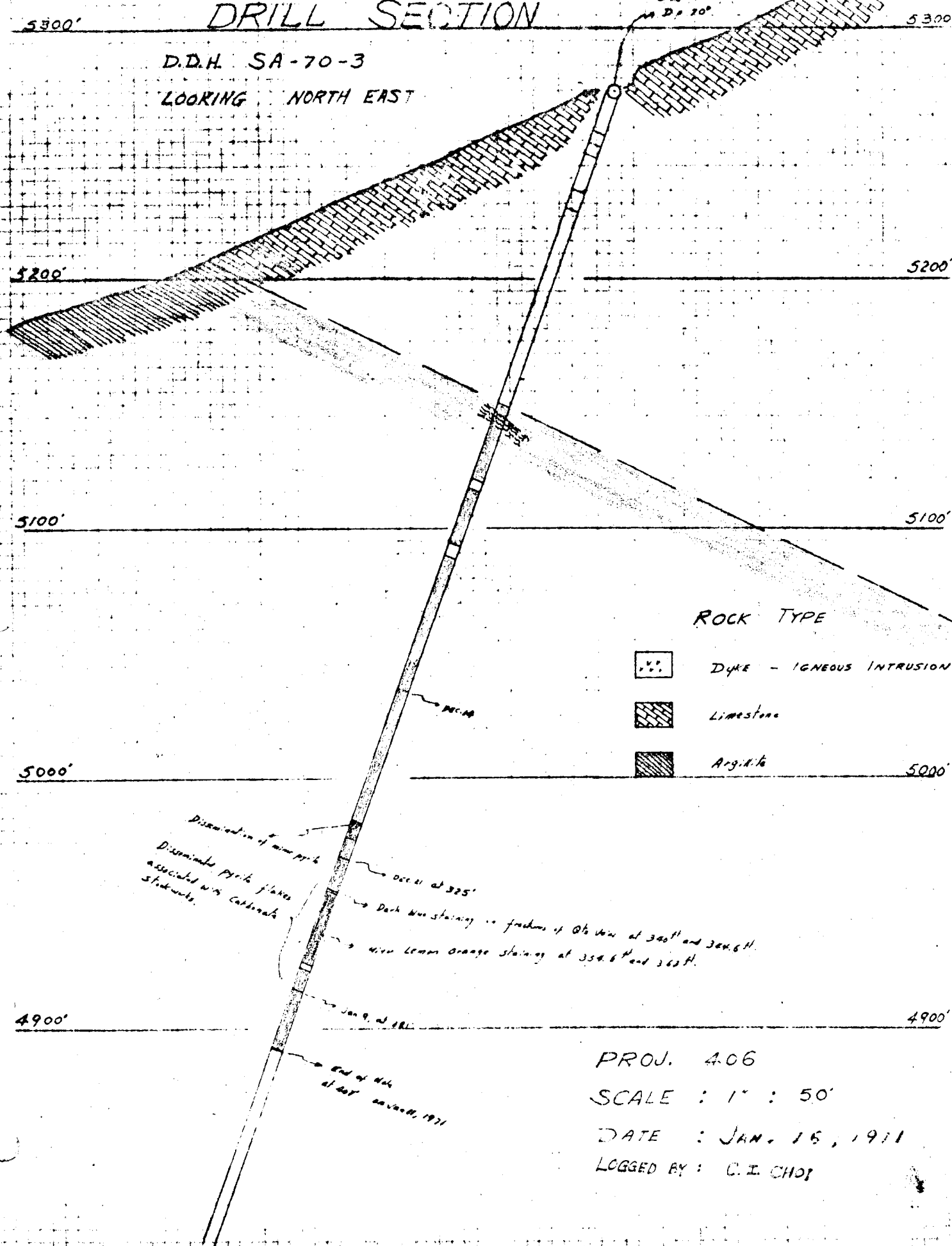
5000'

5000'




# DRILL SECTION

D.D.H. SA-70-3  
LOOKING NORTH EAST

Dip 1/45° N  
Dip 70°



### ROCK TYPE

-  Dike - IGNEOUS INTRUSION
-  Limestone
-  Argillite

Dissemination of minor pyrite  
Disseminated pyrite flakes  
associated with calcareous  
streaks.

Oct 21 at 325'  
Dark blue staining in fractures of Qtz. vein at 340 ft and 344.6 ft.  
with lemon orange staining at 354.6 ft and 362 ft.

Jan 9, at 381'  
end of hole  
at 467' on Jan 11, 1911

PROJ. 406  
SCALE : 1" : 50'  
DATE : JAN. 16, 1911  
LOGGED BY : C. I. CHOI

# DIAMOND DRILL RECORD

NAME OF PROPERTY SALLUS CREEK PROJ. 406  
 HOLE NO. SA-70-2 LENGTH \_\_\_\_\_  
 LOCATION 30' N60°E from AC-242  
 LATITUDE 121° 47' 50" 48' DEPARTURE \_\_\_\_\_  
 ELEVATION 5300' AZIMUTH North DIP 54°  
 STARTED Nov. 23, 1970 FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. SA-70-2 SHEET NO. 2-1

REMARKS \_\_\_\_\_

LOGGED BY C. I. Choi

EM. 6-1168

LANGRIDGE LIMITED,

FOOTAGE		DESCRIPTION	SAMPLE (CORE)				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0'	41'	No Core Nx & Bx CASING.										
41'	45'	Laminated Crystalline Limestone white & grayish black. fine grained. well developed Lamination. partly carbonated stained light brown on joints.	SA2-d		41'	50'						
			" 02		50'	60'						
			" 03		60'	70'						
45'	76'	massive Crystalline Limestone fine to medium grained. Laminated alternation between white & grayish black discontinuous laminations. Carbon on joints. 1/8" calcite vein along the joints.	" 04		70'	80'						
			" 05		80'	90'						
76'	118'	Carbonated Crystalline Limestone medium grained. white & grayish black laminated. Continuous Lamination, & distinctive cleavage. Sugary crystal. stained light brown on joints.	" 06		90'	100'						
			" 07		100'	110'						
			" 08		110'	120'						
118'	120'	Quartz. stained dark brown & buff. Altered lim & clay.	" 09		120'	130'						
			" 10		130'	140'						
120'	136'	Carbonated Argillite Dark Gray to Grayish black. fine grained. Slaty cleavage. fill the secondary thread calcite veins & crystals in joints & fractures. Reddish brown alteration in joints. blocky and broken core.	" 11		140'	150'						
			" 12		150'	160'						
			" 13		160'	170'						
136'	148'	Graphitic Argillite Grayish black. fine grained. stained brown and light brown in joints. minor carbon on joints. Slaty cleavage. blocky & broken core.	" 14	? 4-5%	170'	180'						

# DIAMOND DRILL RECORD

 HOLE NO. SA-70-2 SHEET NO. 2-3

 NAME OF PROPERTY SALL'S CREEK  
 HOLE NO. SA-70-2 LENGTH 233'  
 LOCATION 30' N60°E from pt. A-242  
 LATITUDE 121°46'10" E 58°48' DEPARTURE \_\_\_\_\_  
 ELEVATION 5300' AZIMUTH North DIP 54°  
 STARTED Nov 23<sup>rd</sup>, 1970 FINISHED Dec 5, 1970

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	54°	North			

REMARKS \_\_\_\_\_

 LOGGED BY C. I. Choi

EM. 6-1168

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		TOTAL	%	%	OZ/TON	OZ/TON
					FROM	TO					
182'	222'	Carbonated Argillite Dark grey to greyish black. fine grained. partly quartzitic Texture, flossy cleavages. fill thread secondary calcite veins and crystals in joints and fractures. Massive and broken core. minor reddish brown and dark yellow alteration staining on the faces of joints and cleavages. Mineralization: Contain fine grained dissemination of pyrite and minor arsenopyrite throughout the core.	SA2 -15		180'	190'	core				
			-16		190'	200'	"				
			-17		200'	210'	"				
			-18		210'	220'	"				
			-19		220'	230'	"				
222'	233'	Argillite Dark grey. fine grained. slightly laminated. Staly cleavages folded and fragmented in places. Blocky and broken core. some carbon and fine grained calcite crystals fill on joints and fracture faces. minor rust alteration - brown to reddish brown Fine grained dissemination of pyrite throughout the core. End of Hole at 233'	SA5 -7		178'	188'	Sludge				
			-8		188'	198'	"				
			-9		198'	200'	"				

LANGRIDGE LIMITED,





# DIAMOND DRILL RECORD

NAME OF PROPERTY SALLOS CREEK PRG. 406  
 HOLE NO. SA-70-3 LENGTH \_\_\_\_\_  
 LOCATION 30' N60°E from st. AS-202  
 LATITUDE 121°41'10" E 58°48' DEPARTURE \_\_\_\_\_  
 ELEVATION 5280' AZIMUTH N45°W DIP 70°  
 STARTED DEC. 7, 1970 FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	70°	N45°W			

HOLE NO. SA-70-3 SHEET NO. 3-2

REMARKS \_\_\_\_\_

LOGGED BY C. L. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
50'	68'	Kaelinized K-Feldspar stained reddish brown and dark brown, blocky and broken core. Iron and sulfides staining on the faces of fracture and joint. Crystalline Limestone fine grained, milky white and grayish black lamination discontinuous lamination. Oxidized and decomposed. partly silicified and carbonated. Reddish brown staining on the surfaces and fractures. massive and broken core.									
68'	100'	Carbonated Crystalline Limestone fine grained, milky white and grayish black. discontinuous lamination, partly sugary crystals, carbonated entire length. distinctive cleavages. minor staining on surface blocky and broken core. Reddish brown staining between 89' and 91' on the faces of fractures and surface. 1/2" wide calcite vein at 81'									
100'	115'	Laminated Crystalline Limestone. fine to medium grained. Oxidized and carbonated milky white and dark gray. well developed continuous lamination Sugary crystals. Yellowish brown to brown staining on the fractures and surface. blocky core & broken core. 1/8" wide calcite vein at 100 feet.									

EM. 6-1168

LANGRIDGE LIMITED,



# DIAMOND DRILL RECORD

NAME OF PROPERTY SALLIES CREEK PROCL. 406  
 HOLE NO. SA-70-3 LENGTH \_\_\_\_\_  
 LOCATION 70 N 60 E 400 ft. AC 240  
 LATITUDE 121° 46' 10" E 50 45' DEPARTURE \_\_\_\_\_  
 ELEVATION 5200' AZIMUTH 90° 35' 10" DIP 70°  
 STARTED Dec 7 1970 FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	70°	90° 35' 10"			

HOLE NO. SA-70-3 SHEET NO. 3-3  
 REMARKS \_\_\_\_\_  
 LOGGED BY C. L. C.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
118'	131'	Rusty altered Limestone Gray to Dark brown and buff. fine grained Highly oxidized and decomposed. Calcite crystals on the faces of fractures Brown clay on surface. Reddish brown alteration on fractures and surface.	SA-27		90'	100'					
131'	135'	Argillites fine grained. Gray to grayish black. Highly oxidized and partly decomposed. blocky and broken core Thin carbon veins (streakwork?) and sulfide staining along the fractures and bedding planes. disintegrated claustrages.	"-10		100'	110'					
			"-11		110'	120'					
			"-12		120'	130'					
135'	143'	Argillites Silt, sand, gravel and some blocky core. fine grained. Grayish black. partly sheared and carbonated shear zone (?) Thin carbon veins on the faces of fractures.	"-13		130'	140'					
			"-14		140'	150'					
			"-15		150'	160'					
143'	161'	Altered Argillite fine grained. Dark Gray, massive and blocky core Oxidized and altered. staly texture Thin carbon veins associated with sulfide staining along the fractures and bedding planes. 1/8" to 1" streaks Reddish brown staining along the streakwork. (Carbon)									

EM. 6-1168

LANGRIDGE LIMITED,

# DIAMOND DRILL RECORD

NAME OF PROPERTY SALLUS CREEK PANEL 406  
 HOLE NO. SA-70-3 LENGTH \_\_\_\_\_  
 LOCATION 30' N60°E from st. AC-242  
 LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 ELEVATION 5280' AZIMUTH N 75° W DIP 70°  
 STARTED Dec 2, 1970 FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	10°	N 75° W			

HOLE NO. SA-70-3 SHEET NO. 3

REMARKS \_\_\_\_\_

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON	
161'	165'	Carbonate Argillite Dark grey, fine grained. Oxidized and altered Staly cleavage. Carbonate veins fill in thin fractures and bedding planes. Yellowish brown and reddish brown staining on the faces of fracture. blocky and broken core.	SA3-16		160'	170'				
165'	169'	Altered Limestone Dark brown and gray, fine grained Highly oxidized and decomposed. Stained reddish brown and buff on the fractures and surfaces. Disseminated minor amounts of very fine grained pyrite on the faces of thin fracture.	SA3-17 SA3-18 SA3-19 SA3-20		170'	180'	180'	190'	190'	200'
169'	186'	Carbonated Argillite Dark gray fine grained, well developed staly cleavage. Closely spaced carbonate veins fill in thin fractures and bedding planes. 1/32 to 1/8 inch wide. minor calcite crystals on the faces of fracture. Light brown and dark brown staining on the fractures. Massive and blocky core	SA3-21 SA3-22 SA3-23		200'	210'	210'	220'	220'	230'
186'	191'	Graphitic Argillite Grayish black, fine grained. Staly cleavage, partly sheared and carbonated. Some carbonate vein fill in the fractures. Reddish brown and dark brown staining on the faces of fractures and sheared planes. blocky and broken core.	SA3-24		230'	240'	240'	250'		

EM. 6-1168

LANGRIDGE LIMITED,

# DRILL RECORD

NAME OF PROPERTY SALLIS CREEK PROP. 406  
 HOLE NO. SA-70-3 LENGTH \_\_\_\_\_  
 LOCATION 30' W of St. AC-242  
 LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 ELEVATION 5280' AZIMUTH N 45° W DIP 70°  
 STARTED Dec. 7, 1970 FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	70°	N 45° W			

HOLE NO. SA-70-3 SHEET NO. 35

REMARKS \_\_\_\_\_

LOGGED BY C. I. Choi

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
171'	197'	Feldspar Diorite Dyke (?) Grey to dark grey, medium grained. Highly oxidized and decomposed. Phenocryst of Feldspar. Disseminated micro fine grained pyrite in diorite. Leaching of pyrite on surfaces of core. Highly broken core.									
197'	201'	Graphitic Argillite Greyish black, fine grained. Slaty cleavage. Partly carbonated and sheared. Reddish brown and yellowish brown staining on the faces of fractures and sheared plane. Highly broken and blocky core.									
201'	254'	Carbonated Argillite Dark grey, fine grained. Slaty cleavage. Partly limestone texture. Carbonated veins fill in thin fractures and bedding planes. 1/2 to 1/8 inch wide. 1/8" wide calcite veins filling bedding planes at 206' and 215'. Calcite crystals on fractures partly. Yellowish brown, reddish brown and partly light greenish yellow leaching on the faces of fracture and bedding plane. Disseminated very small amounts of fine grained pyrite on the faces of fracture between 205' and 235'. Blocky and some broken core. Disseminated micro amounts of pyrite on the faces of fractures and bedding plane between 245' & 250'.									

EM. 6-1168

LANGRIDGE LIMITED,









# DRILL LOG

LOCATION: 30' N60E from AC-242

DATE STARTED: Nov. 3, 1970

DATE COMPLETED:

TOTAL DEPTH:

PROPERTY: Sallus Creek

PROJ. 406

HOLE NO: S.C.W #1

SHEET NO: 1-3

ELEVATION OF COLLAR: 5250'

ELEVATION OF BOTTOM:

BEARING: Due West

DIP: -55°

GEOLOGICAL DESCRIPTION	FOOTAGE	REG.	TH. V.	FIBRE VEINS												SL. F.	% Mass. F.	% Total F.	Vein Ang.	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)						
				3/32	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1														
Crystalline limestone fine grained partly silicified laminated alternating light grey to dark grey. distinctive cleavages	175-190	15'															Cor. Rec. %						Best staining due to leaching of pyrite from cleavages and fractures between <del>175-190'</del> 175'-196' leached sulfide minerals along joints.	100%					
Crystalline limestone fine to medium grained black & broken core laminated alternating partly silicified at 193'-196'	190-201	9'																					iron staining leached sulfide minerals along the joints.	90%					
<del>Highly rusty</del> Crystalline limestone fine to medium grained discontinuous laminations abundant grey part.	201-220	9'																					Highly rusty graphitic Argillite interbedded between 201'-202' leached sulfide minerals on bedding planes of Argillite.	50% 90%					
Sand & Gravels fragments of Argillite.	220-223	5"																					trouble in hole lost core.						



# DRILL LOG

LOCATION: 30' N60°E from AC-242  
 DATE STARTED: Nov. 3, 1970  
 DATE COMPLETED:  
 TOTAL DEPTH:

PROPERTY: Sallus Creek PRA. 406  
 HOLE NO: S.C.W. #1 SA70-1  
 SHEET NO: 1-1

ELEVATION OF COLLAR: 5250'  
 ELEVATION OF BOTTOM:  
 BEARING: Due West  
 DIP: -55°

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE-VEINS													Description of Mineralization	% Sl. F.	Mass. F.	% Total F.	Vein Ang	% MAG	% PYR	Rock 5	REMARKS (VEIN TYPE)		
				1/32	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4										7/8	
Lost Core	0' - 10'	0																0									
Carbonated Crystalline limestone white & greyish black laminated alternating, medium grained distinctive cleavages	10' - 34'	5'																12%									Sludge A at 20'-26'
Rusty Aplite dyke highly weathered, medium grained stained yellowish brown Kalinized K-Feldspar	34' - 35'	5"																50%									
Carbonated Crystalline limestone fine to medium grained Laminated alternating between grey to greyish black. Continuous lamination. Silicified between 38'-40'	35' - 40'	6"																10%									
Weathered Aplite Dyke medium to coarse grained. rust & oxidation along the joints	40' - 51'	1'																20%									
Crystalline limestone medium grained, <del>partly</del> partly carbonated Laminated alternating light grey to dark grey. discontinuous lamination Siliceous at 51'-61'	51' - 79'	2'																90%									
Highly weathered Aplite Dyke medium to coarse grained stained orange brown in fractures	79' - 84'	2'																40%									Contains very fine grained pyrite in dyke

LOGGED BY: C. Choi



# DIAMOND DRILL RECORD

NAME OF PROPERTY SALLUS Creek Prop. 406  
 HOLE NO. SA-70-3 LENGTH 407 feet  
 LOCATION 750 feet from station A-242  
 LATITUDE 43° 26' 10" N DEPARTURE \_\_\_\_\_  
 ELEVATION 1500 AZIMUTH N 45° W DIP 20  
 STARTED Dec 1 1929 FINISHED Jan 1 1931

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	20°	N 45° W			
200	20°	N 45° W			

HOLE NO. SA-70-3 SHEET NO. 3-10  
REMARKS \_\_\_\_\_

LOGGED BY C. L. Ch...

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON	
381'	388'	<p>Argillites</p> <p>Grey to grayish black, fine grained. Distinctive cleavage. Highly broken core. Partly alteration on the faces of fracture. Contain some disseminated pyrite flakes on the faces of thin fracture and bedding plane.</p>	SA3 -35		350	370				
388'	391'	<p>Carbonated Argillite</p> <p>Grey to dark grey, fine grained, slaty cleavage. Partly altered and fragmented. Highly broken core. Contain some disseminated pyrite flakes on the faces of thin fracture and partly associated with carbonated thread veins. Carbonate thread veins fill with thin fractures and bedding planes.</p>	SA3 -37		370	400				
391'	407'	<p>Argillites</p> <p>Dark grey to grayish black, slightly laminated fine grained. Partly quartzitic texture. Fresh core. Slaty cleavage. 1/2 inch quartz vein at 396 feet with the dissemination of pyrite on the wall of vein. Very closely spaced carbonate thread veins along the bedding planes, and widely spaced carbonate vein along the fractures 4 inches to 20 inches apart. Commonly contains disseminated pyrite flakes on the faces of fracture associated with carbonate thread veins massive and blocky vein. Rarely light and dark blue staining on the faces of fracture.</p>	SA3 -40		400	407'				

EM. 6-1168

LANGRIDGE LIMITED,

# DIAMOND DRILL RECORD

NAME OF PROPERTY SALUDA Creek Pass 206  
 HOLE NO. SP-72-3 LENGTH \_\_\_\_\_  
 LOCATION 30 miles from the ...  
 LATITUDE 37° 26' N DEPARTURE \_\_\_\_\_  
 ELEVATION 5300' AZIMUTH 45° DIP 70°  
 STARTED Dec 7, 1920 FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0'	70°	45°			
300'	70°	45°			

HOLE NO. SP-72-3 SHEET NO. 39  
 REMARKS \_\_\_\_\_  
 LOGGED BY C. L. ...

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
359'	370'	<p>at 359.6' and 362.6'</p> <p>Considerable amounts of disseminated pyrite flakes on the faces of fractures and bedding planes associated with carbonate veins. Apatite and quartz veins are cut by thrust carbonate veins. It is evident that quartz and apatite veins are older than carbonate veins.</p> <p>Graphitic Argillite</p> <p>Greyish black, fine grained, earthy texture. Partly carbonated. Stained dark brown and chocolate brown on the faces of thin fractures. Rarely thin carbonate veins of it in the fractures.</p> <p>Considerable amounts of disseminated pyrite flakes on the faces of fractures and bedding planes associated with thrust carbonate veins.</p> <p>Some argillite pebbles and clay (Probably fault gouge?) between 367.6' and 370 feet.</p>									
370'	372'	<p>Almond Crystalline Limestone</p> <p>Grey to milky grey, fine to medium grained and recrystallized. Crystallized and compact. Highly broken con.</p> <p>Large amounts of disseminated pyrite on cleavages.</p> <p>Stained light brown on the surfaces of con. Discontinuous laminae.</p>									
372'	381'	<p>Argillite</p> <p>Grey to greyish black, fine grained, partly silty, shaly to phyllitic cleavages. Distinctive cleavages.</p> <p>Abundant disseminated pyrite flakes on the faces of fractures and bedding planes. Sparse thrust carbonate veins fill in the bedding planes and joints.</p>									

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