GEOCHEMICAL REPORT ON THE SALLUS GROUP OF CLAIMS LILLOOET MINING DIVISION Department of BRITISH COLUMBIA Mines and Petroleum Resources ASSESSMENT REPORT 10.3095 CANADIAN JOHNS-MANVILLE COMPANY, LIMITED

EXPLORATION DEPARTMENT

P.O. BOX 1500

ASBESTOS, QUEBEC

: 1-15, 17, 19-24, 60-66, 68-72 SALLUS CLAIMS COVERING: 74-81, 87, 89, 90 92 I / 12, 13 W 45 SALLUS CREEK CLAIMS: . 25, 26, 33, 34, 38, 41-52, 88, 101-128 45 : 1, 2, 7, 9, 11, 13, 15-19 ACE CLAIMS : 1-8, 26-31 GIBBS CLAIMS : 1 Fr. and 2 Fr. HILL CLAIMS : 1-16, 19, 20 CHUCK CLAUMS

LOCATED : 1) 50°N - 121°W, S.E. CORNER (N.W. QUARTER) 2) N.T.S. MAP 921/12E 3) TEN MILES NORTHEAST OF LILLOOET, LILLOOET MINING DIVISION, B.C.

C.J-M PROJECT 406 WORK DATE : MARCH 1970 - JANUARY 1971 REPORT DATE: APRIL 6, 1971

When H.K. CONN, P. ENG. C.P. LIN, M.A.

# Page No.

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INTRODUCTION:	
General Location and Access Physiography Geology	1 - 2 2 2 - 2A
GEOCHEMISTRY:	
Field Methods Analytical Techniques Classification of Data Presentation of Data	2A - 3 3 - 4 4 - 6 6
INTERPRETATION:	
Contour Sampling Detailed Follow-Up: Grid #2 C Anomaly D Anomaly E Anomaly Upper Gibbs Creek Road Cut A Anomaly Follow-Up	6 - 7 8 - 9 9 - 10 10 - 11 11 - 12 12 - 12
Discussion	12 - 13
DIAMOND DRILLING	13 - 14
SUMMARY AND RECOMMENDATIONS	14 - 15
BIBLIOGRAPHY	15
APPENDICES:	
APPENDIX I : COST ANALYSIS	
APPENDIX II : STATEMENTS OF QUALIFICATIONS - H.K. CONN & C.P.	LIN
APPENDIX III: GEOCHEMICAL SURVEY DATA	
APPENDIX IV : DATA STATISTICS - CUMULATIVE FREQUENCY DISTRIBU	TION
APPENDIX V : DIAMOND DRILLING RECORD AND SECTIONS	

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LIST OF MAPS

1	1. Location Map	1" = 8 Miles
	2. Sallus Creek:	1" = 1,000'
	<ul> <li>a) Sample Location - Geological Contact - D.D. Site and Detail Survey Location</li> <li>b) Mo Distribution</li> <li>c) Cu Distribution</li> </ul>	
	3. Sallus Creek - S.E. Extension:	1" = 1,000'
	<ul> <li>(4 a) Sample Location - Detail Survey Location</li> <li>(4 b) Mo Distribution</li> <li>(7 c) Cu Distribution</li> <li>(9 d) Pb Distribution</li> <li>(9 e) Zn Distribution</li> <li>(9 f) Ag Distribution</li> <li>(1 g) U Distribution</li> <li>(1 h) W Distribution</li> </ul>	
	4. <u>"A" Anomaly - Detail Survey</u> :	1" = 200'
	<ul> <li>a) Sample Location</li> <li>b) Mo Distribution</li> <li>c) Cu Distribution</li> <li>d) Pb Distribution</li> <li>e) Zn Distribution</li> <li>f) Ag Distribution</li> <li>g) Geology</li> <li>goh) Geochem. Anomalous Areas Composite Map</li> </ul>	
	5. No. 2 Grid - Detail Survey:	1" = 200'
	<pre>9.1 a) Sample Location 12 b) Mo Distribution 23 c) Cu Distribution 24 d) Pb Distribution 24 e) Zn Distribution 24 f) Ag Distribution 27 g) W Distribution 27 h) Geology and Geophysical Surveys</pre>	
	6. "C" Anomaly - Detail Survey:	]" = 200'
	<pre>29 a) Sample Location 20 b) Mo Distribution 31 c) Cu Distribution 33 d) Pb Distribution 33 e) Zn Distribution 34 f) Ag Distribution</pre>	

35g) Geology

15

# LIST OF MAPS Page 2

7. "D" Anomaly - Detail Survey:

· 6. · •	1000	
s~a)	Sar	nple Location
37 b)	Мо	Distribution
36 C)	Cu	Distribution
39 d)	Pb	Distribution
40e)	Zn	Distribution
4(f)	Ag	Distribution
42 g)	W	Distribution
43h)	Au	Distribution
441)	Geo	ology

8. "E" Anomaly - Detail Survey:

45 a) Sample Location
46 b) Mo Distribution
41 c) Cu Distribution
42 d) Pb Distribution
49 e) Zn Distribution
50 f) Ag Distribution
51 g) As Distribution
52 h) Geology

9. Roadcut - Detail Survey:

53 a)	Sample Location
59 b)	Mo Distribution
55 C)	Cu Distribution
s6 d)	Pb Distribution
57 e)	Zn Distribution
58 f)	Ag Distribution
59 g)	Geology

# 10. Upper Gibbs Creek - Detail Survey:

a) Sample Location
b) Mo Distribution
c) Cu Distribution
d) Pb Distribution
d) Pb Distribution
e) Zn Distribution
f) Ag Distribution
g) Geology

1" = 200'

1" = 200'

1" = 200'

1" = 200'

#### **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

- 1 -



#### 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 guartz 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 <u>black</u> (graphitic?) <u>argillite</u> 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 Nount 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

- 2A -

#### **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

- 3 -

# 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:

Element	Extraction Method	Determination <u>Method</u>	Detection <u>Linit</u>
Cu	Hot Aqua Regia	Atomic Absorption	l ppm
Pb	0	n	1 ppm
Мо	11	51	1 ppm
Ag	11	11	0.2 ppm
Zn	<b>1</b>	11	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  $\varepsilon$  the former were close to the latter in value and too limited in numbers t treated as another population.

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

Negative	o - 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:

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

- A

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

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

			b	<u>b+s</u>	<u>b+2s</u>
•	Copper	- talus - soil	130 74	180 104	230 134
1	Molybdenum	- talus - soil	11 5	17 9	23 13
ľ	Lead	- talus - soil	21 18	29 23	37 28
	Zinc	- talus - soil	525 395	1220 649	1915 903
	Silver	- talus - soil	2.0 1.4	2.9 2.0	3.8 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	0
Possibly anomalous	$\otimes$
Probably anomalous	9
Anomalous	0

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

- 6 -

# 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:

Metals	Total <u>Samples</u>	Possibly Anomalous	y Probably Anomalous	Anomalous
Zn	41	11	8	3
Mo	450	50	14	2
Cu	450	39	9	0
Ag	41	4	2	0
РЬ	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:

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

Grid No. 2: (Cont'd)

A broad anomalous zone between L-60N and L-40+75N is characterized by<sup>a</sup>moderate copper anomaly and weak anomalies of other elements. Geologically, this zone is composed of folded argillite and limestonemarble 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 OlO - C Ol3) with diorite dykes protruding as ridges on surface. The second traverse is in Cache Creek Group rocks.

<u>Metals</u>	Total <u>Samples</u>	Possibly <u>Anomalous</u>	Probably Anomalous	Anomalous
Cu	46	16	11	7
Mo	46	26	10	4
РЬ	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 circue-like pits.

- 8 \_

D Anomaly: (Cont'd)

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

Metals	Total Samples	Possibly Anomalous	Probably Anomalous	Anomalous
Мо	110	- 52	32	7
Ag	110	44	17	6
Cŭ	110	55	43	4
РЬ	110	56	24	3
Zn	110	47	33	2
W	16	1	0	0
Au	16	Insufficient samples regionally fo 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>	Total Samples	Possibly Anomalous	Probably Anomalous	Anomalou	
As	59	12	4	3	
Ag	225	57	23	2	

E Anomaly:

<u>Metals</u>	Total <u>Samples</u>	Possibly Anomalous	Probably Anomalous	Anomalous	
Мо	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>	Total <u>Samples</u>	Possibly <u>Anomalous</u>	Probably Anomalous	Anomalous
Zn	127	47	32	8
Cu	127	49	26	4
Mo	127	41	22	3
Aq	127	8	11	1
РЬ́	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.

Road Cut:	(Cont'd)			
Metals	Total <u>Samples</u>	Possibly Anomalous	Probably <u>Anomalous</u>	Anomalous
Мо	19	3	5	5
Ag	19	4	3	2
PĎ	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 northeastsouthwest 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>	Total Samples	Possibly Anomalous	Probably Anomalous	Snomalous
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 substantialized in this area. Two possibilities are considered - an exocontact 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

- 12 -

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.

- 12

#### 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  $60^{\circ}$ 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>	Bearing	Dip	Depth
SA-70-1 SA-70-2 SA-70-3	Due west Due north N45 <sup>0</sup> W	-55 <sup>0</sup> -54 70	385 233 407 1625

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.

#### **BIBLIOGRAPHY:**

- (1) Forgeron, F.D., Ph.D.: Geochemical Report on the Sallus February 1970 and Sallus Creek Claims - Lillooet Mining Division, B.C.
- (2) Conn, H.K., P.Eng. : Supplemental Geochemical Report May 1970 on the Sallus and Sallus Creek Claims, Lillooet Mining Division,

B.C.

# COST ANALYSIS

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

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

2.

3.

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
Field Cost:	
583 man days @ \$7 per man day	<b>4,081.</b> 00
Analytical Cost:	
2 072 camples analyzed at Bondar-Clegg	

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

Α.	Geo	<u>chemical Survey</u> : (Cont'd)	
	4.	Consulting Cost:	
		Consultant J. Kerr, Versatile Mining Services 23 days @ \$100 - \$125 per day plus expenses	\$ 2,657.60
	5.	<u>Car Rental:</u>	
		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. April 28 - December 7, 1970	584.58
		Outdoor Shop, Kamloops, B.C. April 6 - July 17, 1970	74.25
	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
тот	AL G	EOCHEMICAL SURVEY	\$31,269.87
B.	<u>A A</u>	nomaly Follow-Up: (August 3 - October 31, 1970)	
	1.	Labor Cost:	
		Geologist C. Choi, August 3 - October 31 34 days 0 \$26.96 per day	916.64
		Assistant C. Robinson, August 3 - 29 21 days 0 \$20 per day	420.00
		Assistant T. Whibley, October 26-31 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)	

¢,

3. <u>Analytical Cost</u> :	
280 samples analyzed at Bondar-Clegg & Co., Ltd., Vancouver, B.C., for Cu, Mo, Pb, Zn, Au, As	\$ 842.32
TOTAL A ANOMALY FOLLOW-UP	2,752.96
C. <u>A Anomaly Roadwork</u> : (October 1 - December 31, 1970)	
W.A. Cook, Box 398, Lillooet, B.C. 208-1/2 hours @ \$20 per hour	4,170.00
TOTAL A ANOMALY ROADWORK	4,170.00
D. <u>Drilling</u> : (Cctober 26, 1970 to January 16, 1971)	
Inspiration Drilling Company Limited	44,260.46
TOTAL DRILLING	\$ 44,260.46
SUMMARY:	
TOTAL OF GEOCHEMICAL SUPVEY	\$ 31,269,87

B. <u>A Anomaly Follow-Up</u>: (Cont'd)

TOTAL OF GEOCHEMICAL SURVEY\$ 31,269.87TOTAL OF A ANOMALY FOLLOW-UP2,752.96TOTAL A ANOMALY ROADWORK4,170.00TOTAL DRILLING44,260.46GRAND TOTAL\$ 82,453.29

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

 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.

Conn

Ex; by Dote: Jan 28, 1972

April 1971

#### 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- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

AREA: ANOMALY A

COLLECTOR: CHARLES BINNIE

DATE JUNE 30, 1970

406 PROJECT:

LOCATION REF. STB 842

SAMPLE NO.	LOCATION		PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS			ANALY	TICAL R	ESULTS	
			- Andrew Start		DEPTH									
A 001	Ref. STB 842	35°	5000'	5011	13 4"	BLN.	SLT. Sd. Gr	OrgANic	Roots					
A 002	842 + 50'	11	11	11	B ,1 6'	11	Sd	ļu .						
A 003	842	11		TAlus	B 5″	11	SIT. Sd. Gr.	u *	11	21		2.4		1
A 004	842,	11	11	<i>II</i>	ß_''	.1	SIT. 3d	11	11					
A 005	878 843	<i>µ</i>	11	11	в 5″	DK. BFN.	sit sd	17	h					
A 006	843	11	"	11	B ,,	DK Bry.	SIT Sd dr.	n ,	17					
A 007	873, +100'	n	"	n	B	BIK.	SIT. Sd Gr.	1.	11			*		*:
A 008	843, 150'	11	11	Soil	В " 4"	BIK. Gry.	sd. Gr.	11	11					
A	578 849	11	μ		B	GAY. BLN	Sd Gr	11	11					
A 0 60	844, 450	11	"	11	в 7"	LT BLN	sit. sd Gr	*1	11					
A 011	844	11	11		C _ ,'	13 FN	5d Gr	<b>}</b> 1	17					
A 012	844	11	11	TAlus +Soil	ć ,,,	Gry. BHN.	Sd. Gr.	11	11					
A 013	STB 845	n	11	11 11	C _ "	B+M.	Sd. Gr	11	11 '					
A 014	845, +50	11	n	5011	B ,1	BLN.	SLT. Sd	μ	11				Ŧ	
A 015	84501	11	11	Thlus	C 5"	BLN.	SLT. Sd.	11	11					

CANADIAN JOHNS-A NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHARLES BINNIE

AREA: <u>ANOMALV A</u> A030: 400' N 25 E TO STB 649 LOCATION REF.

DATE JUNE 30, 1970

PROJECT: 406

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RE	SULTS	
,4016	645 + 150'	350	5000'	Soul	13 5''	BROWN	SILF SANP	ORGANIC ROOTS				
A017	378 846 0+00	- 11	"	μ	C 6"	"	SILT GRAVEL	17				
ACIE	846	,,	"	,,	8 5	11	SILF SANP					
ACIO	8+6	13	"	22	С 6	11	SILT SAND GRAVEL	11			*	
A020	846	11	.,	TALUS	Ø 7''	DARK BROWN	. 11	"				
A021	STOBET		"	"	,,	DARK GREY	1,	"				
ACZ2	7 847 0+50	11	11	71	© 5″	BLACK	SILT GRAVEL					
A023	847	4.0	"	1/	6	11	SILT SAND	11				
1024	1-50	21		71	<b>4</b> ''		CILT HUMUS	11				
A025	573878°		"	SOIL	С.,. 5''		GRAVEL HUMUS	le .				
AOZL	848	11	11	TALUS	4"	11		4				
A027	- 8-+8 1+00	11	.,		7"	BLACK	SILT HUMUS	4				
AC28	948 1+50	11	"		7''	GREY BLACIC	SILT GRAVEL	4				
A029	249 Oroc	"		-11	7"	11	<i>,</i> , ,	1,				
A030	400 17 10 ET	0 24'	4750	5014	A 6.	BLACK	HUMUS	"				

# CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHARLES BINNIE

AREA: A ANGUACY LOCATION REF .: A030: 400' # 25° E TO STB E49

JINE 30,1970 DATE:

PROJECT: 406

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	LYTICAL R	ESULTS	
A031	AC30 +50E	20*	4750'	SOIL	C 4"	BLACK	SILT HUMIS	ORGANIC RODIS			
A032	ACBC +100'E	24*	11	SOIL	· C 6''	BLACK 2. BROWN					
A033	A030 +150'F	250	"	TALUS	5"	BLACK	•,	" "			1
A034	A030 +200/E	11	17	TALUS	s ".	BLACK IS E. BREINN		"			
A035	A030 + 35/6	150	11 .	11	5 ''	BARK BREUN	SILT GRAVEL	"			
A036	Auto	20"	11	11	4"	BROKN	"	71			
A637	+3245	350	11	TALUS & SOIL	°.5"	EREX BROWN	1,	11			- 241
A038	1030 +400/E	12	"	TALUS	5"	BROKN	4	"			
A03)	Ac 20 tasir	11	11	Serie Fallers	Ć 4"	11	11	"			
ACES	HOSE TEROE	17	n	3012	с. 6"	11	SILT SAND GRAVEL	"			
Acq1	4030 7550E	11	11	•1	C /2 "	,,	SAND CRACEL	11			_
ACA 2	NC30 TECLÉ	11	4	T ALUS	5"	BLACK S.BROWN	GRAVEL	17			-
A043	AC30 +650 E	- 22	ΪÌ.	Soll	× 2"	RACK	NUMOS	1			
ACI4	AC30 +700'E	330	h	"	A	11	"	"			
A(45	4030 4750E	370	н	1+	с. 10 <sup>-</sup>	17	SILT CLAIEC	,			

CANADIAN JOHNS-N NVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNE

AREA: A - WOMALY

DATE JUNE 30, 1970

PROJECT: 406

LOCATION REF.

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
NO.	Lo criticati	SLOPE		TYPE	DEPTH							
1046	ACBE	35"	4750°	TALOS	7"	RAKK	SILT CRAVEL	ORGANIC REDTS				
A047	A-20 +850E	11	1.	TALUS FINE	SURFACE	DARK BROWN	SAND CRAVEL	NO CREANIC ROOTS				
4049	A03: +90.E	40	11	11	e.	BCACK	-					
A 04-9	A630 4952E		"		4	11	<u>-</u> 5					
A\$50	AUB- Flocot	37	"	Soil	8 3~	LIGHT BROWN	SILT	1.				
ASI	AUSC HUSE	"	11			GKEY BROWN	1,	11				
A-52	A03: +10005	35°	<i>11</i> · · · ·	1,	С 4″	BROWN	"	ORCANIC RESTS				
A053	A030 +11500	11	11	1.	C	LICHT BROWN DEREY	SLLT SAUD GRAVEL	. 11				
A:54	4050 + 1201E	11	4800	1.7	¢ 4"	LICHT BROWD	4	~1				
					-							-
											•	

# CANADIAN JOHNS-I. ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNIE

AREA: ANOMALY A

DATE: JULY 1970

PROJECT: 466

L

LOCATION REF. STB 956

SAMPLE	LOCATION	DRAINAGE	No. concernance and an	SOIL	HORIZON	COLOUR	TOTIOT	DEMARKS	ANALYT	ICAL RESULTS
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	ТҮРЕ	& DEPTH	COLOUR	TEXTURE	REMARKS		
A055	578 176 O 100	36.	4560	Soil	· 'B 3''	BREIN	SILT GRAVEL	ORGANIC ROUTS		
A056	956	43'	4590	. I	•B 2''	BLACK	SIL7 CLAY	- 0		
A:57	956	45.	4630	TALUS	C 5"	*1	SILT SAND	9		
A=58	952	н	460	SOIL	с +"	BROWN YELLAN	SAND	· 11		
A059	STB 955	40'	4630	Soila TALUS	С З"	BLACK ERONN	SAND GNIVEL	11		
Adde	955	- 11	.,	• 4	с 4″	DARK BROWN	SILT, CLAY GRAVEL	<b>9</b>		
Acti	955 1700	11	n.	TALUS	3.,	BLACK	SILT GRINUEL	1,		
ACE	955 1750	11	9	1)	3''		••	<i>i</i> 1		
A663	<b>AB</b> 954	i.	1,	(i	SAFKE 3"	11	SHNP GALEL	<b>n</b> 1		
ACCE	est est	11	11	ŋ	1,	11	SILT SHADD GRHUEL	11		
A0615	954 1712	1,	4	TALUS & SOIL	С 3''	BROWN	М	11		
Nacs	954	1,	4	i,	С 4''	- 13	CLAY SILT GRAVEL	3,		
Not 1	953	"	4	TALUS	4"	11	SAND GRAVEL	ц		
Atis	953	ч	11	Sere & TALOS	3"	BRENN EREY	q	٤,		1
100	953 1400	1.	6	ic	4	LIGHT BLACK	11	4		

CANADIAN JOHNS-I ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNIE

AREA: MICHALY A

DATE JULY 11970

PROJECT: 400

LOCATION REF. A072 = STB 946

SAMPLE		DRAINAGE		SOIL	HORIZON	COLOUR	TEXTIDE	DEMARKS	ANALY	TICAL RESUL	TS
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	DEPTH	COLOUR	TEATORE				
A0.70	5 (B 053 1450	350	4600'	Soil &TALLS	С 5°	BROWN	SILT SAND	CREANIC ROOTS			
4071	<tb 952<="" td=""><td>~</td><td>11</td><td>4</td><td>€ +"</td><td>BREWN GREY</td><td>SILT SAND GRAVEL</td><td></td><td></td><td></td><td></td></tb>	~	11	4	€ +"	BREWN GREY	SILT SAND GRAVEL				
Ac-72	STB 046 0100	40"	4560'	TALUS	SURFACE	GREY	SAND SILT	11			
A073	94C 0-150	••	۰,	TALUSE SDIL	C s"	GREY BREAN	SAND GRAVER	4			
A074	946 1700	n	",	TALUS	2"	DACK BRENN	4	"			
A.75	946 1950	11	4	11	11	BROWN	"	· · ·			
ACTO	STB 995 Crai	۸,	<i></i>	THLUSE	C 5'	FED BROWN GREY	1,	••			
A077	945 049	¥1		IJ	C 3"	BREAUN	SILT SAND				
A078	945 1700	25	"1	TALUS	3"	31	SAND GANEL	"			
A-75	545 1450	1 <sub>1</sub>		4	4"	1	n	."			
Alex	ST.B 944 0100	11	''	SOIL & THEUS	с 4''	н	COAKSE SAND EXTEL	21			
A09;	944 6150	3,	.1	50.6	C C''	u	SAND GRAVEZ	11			
Acs ?	544 1100	• •	1.	0	C 3"	4	STLT GRALEL	• 1,			
Acg3	944	1,	1,	Seithe TALUS	71	1,	SILT SAND GRHUEL	49			
ACH	313 943	6		11		17	SHAD GRHAZ	••			

# CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

AREA: ANCHIALY A

COLLECTOR: BINNE

LOCATION REF .: PROJECT: 406 DATE: 1164 1 1970 ANALYTICAL RESULTS HORIZON SOIL DRAINAGE REMARKS COLOUR TEXTURE SAMPLE PHYSIOGRAPHY & DEPTH LOCATION TYPE SLOPE NO. 5" 575 243 LIGHT SILT Soul A ORGANIC ROTS 4580 4c' BROWN GRAVEL 085 0153 TALOS GRALE 943 11 11 11 11 1, 11 CCAY ADEE 1400 045 GRAVEL C 1.41 11 '1 -1 SILTSAND ALE7 1450 11 11 3" STB 942(?) SILT 11 11 GRALEL A088 4 4 .1 otec 440 SILT 9+2(?) 11 BROWN 11 SAND 1, 11 AD19 11 0155 SLLT LIGHT C 943 (?) 4 BROWN SAND A090 41 1, 1" 11 1 too SAND 942(?) C 11 BRAUN 1, CRAVE! 4 3" ACCI 1+5 11 SIL7 C 518 041 1, 11 F" SAND 4 4 Acroz. otes 11 C SAND 4 941 1, A5.3 4 3" 11 GATIET 4 0150 5 SILT SAL +" 4 4 SAND 1, 1, 11 AcG4 1150 SAND C DARK 941 11 4 7" 4 1, GRAVEL AOSS BROWN 145 1 3 SILT 518-240 11 4 BRUGN 5" SAND ACOL 1. 1, 0100 SILT 518940 C 1. SAND 11 11 1, 1, 3" A007 0150 CATUEL C SAND 940 11 1, 1, 11 1, 4 .. GRAVEL A053 1900 1. 10 6 11 040 10 . .1 11 3-1 ALCY

# CANADIAN JOHNS-, ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNE

AREA: A	- ANOMALY
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DATE: VILY 1,1970

PROJECT: 4-06

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LOCATION REF .:

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	 ANALY	TICAL R	ESULTS	
A160	578939	20°	4650.	Soil A.T.ALOS	C 2''	CICHT BROWN	SAND GRAVEL	OREAPIC ROOTS				
		1.2.3										
				4								
								4				
			~									
			-		1							
					-							

	19		CANA	D I A N GEOCI	JOHN:	S - M 🦳 Soil Sur	VILLE VEY DAT	Co. Ltd.		0		
COLLECTO	DR: <u>C.</u>	chei						AREA: Sallas Cra	le l			
DATE:	August 1	3. 19	70	PRC	JECT: <u>A-</u>	6		LOCATION REF. 3300 Correct				
AMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALY	FICAL RESU	.TS	
16-200	5T.B- 2823	1	mountainous	50.1 B	10'	Carigada brown	S.It. Sart	white & black bender				
1-201	50's fr- Ac-200	L	"	50.1 B	12"	Dark brows	silt fine sand					
10-202	10715 fr- Ac-200	¥	ų	Talus B	1.2"	Greyth place	silt fin soud	mine rods		8		
4(-201	50' N from Ac-201	. +	v	Soil	14"	"	Silt Signal	(11 4.1 5				
10-2016	100'N fra 11- 200	1		Seil C	14"	Dark brows	silt i fine send					
1-205-	150 mil	ł	•	51 C	12"	Greyish black	5.11 Sind	Reck Sample AJ-02				
Ac-sol	. 200'N from a set	1	U	Sil	10'	Brownsh black	e	Grass				
46-207	250'00	1	ν	Suil B	9	"	5.11 fine some	-		-		
10-201	300'-	4	6	Sul	8 "	Dark Grey	Silt Sand	Overburter				
10-209	350'N f= 11c-200	J	•	51	6"	Dark brown	Sill gran Soud	outerop (limesterna)			-	
10-210	eri'n fransi	L	ų	Sel B	£ "	*	6					
10-211	588-2621	2	*	5.1 B	6 "	Brown	Silt Sand					
Ac-212	50' N'	14		Seil B	7"	Grafish	five ser	/				
AC-213	100' 10 HC -211	l	4	S.I B	9"	Dark brown	Silt fine Se	J Some needs				
10-519	150°N	ł	· 10	Solb	10"	Brownish block	fin so					
### CANADIAN JOHNS-I ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

AREA: Sallas Creek

WILLECTOR: C. Cho! DATE:

Aug 13.14/1970

PROJECTI 406

LOCATION REF .: 5500' Contour

SAMPLE		DRAINAGE		SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESULTS
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	DEPTH	COLOOK	TEXTORE			
Ac-215	2001 N . fr= m-211	l	Mountainens hill	Sol B	10"	Dark brown	s. It fin sand			
Ac-216	STB _ 2/20	L	4	5.1 A	5"	Brownish black	silt fine sind	Hick offer note .		
Ac-217	50' A'-	1	"	So.1 A	6"	"	Silt fire Sand	that it's some noote		
10-218	100' N	ł	4	S.i A	5"	Grayish Hack	silt fine said	Organic material		
10-219	150'N	1	"	Sel	8"	Brownish Black	5.11 fine Sand	1 Organic	-	
Ac-220	570 -2619	1.	0	Sel	10"	block	silt fine same	, , ,		
10-221	50'N fr	J.	4	51 B	12"	laray:sh black	. 4	mineralized fragints. (argettite)		
Ac - 22	100'0	t	4	Talur B	10"	Graying	Silt send	ands Black Top Soil		
Ac-223	150 IV 15 1 - 22	4	\$	Talus B	7"	6	silt s sind	Grais		
Ac-224	200'00	l	11	Talus	6"	Dark brown	**	lets of roots		
AL-225	250%/ di= 16-22	o J	6	Soil	7*	Grey: sh black	silt sand	some norte		
Ac- ist	301 10	0 1	6	Soil A	10"	Dark brown	"	minor nort.		
Ac- 227	35010	2		Talus B	9"	Grayinh	7			
Ac-228	400'n fr 10-22	01		Talus B	10'	4	silt send			
Ac- 29	46 5' 15 10- 1	e \$	4	Talus	100	Dark bravy	0.			

CANADI.	AN JOH	N S - 🔿	ANVILL	E Co.	Ltd
	GEOCHEMICA	L SOIL	SURVEY D	ATA	

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DATE:	August 14	119	70	PRO	DJECT: 4	6		LOCATION REF .: 5500	o' Co	tour		
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS _	A1		RESULTS	
AC-230	571 14	, t	Monutainens	Talus 6"	в	1-ght brows	Lierta Sundin Sun	I Cliff				
Ac-231	550 W	J	4	Talas 7"	· B	Brown	malin . 8 Consis Sound	· some norte				
Ac332	STB 7616	ł		Talas 12"	в	Pork brown	tim inedia so	nd some Organistical			_	
			4	. *	4						1	
		-										
											E.	
												T

#### CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

AREA: SALLUS CREEK

ATE: Aug. 16, 1970 DATE:

PROJECT: 406

LOCATION REF. LANDING # 2

SAMPLE			STREAM	STREAM	DIST	AMPLE	ION	COLOUR	TEXTURE	REMARKS	AN	ALYTI	CAL R	ESULTS	
NO.	LOCATION	PHYSIOGRAPHY	C. F. S.	GRADIENT	R	A	L	coroca							
MA1-200	5950 chills	Plateau	1 cuft / sec					Brownish black	Silt, Clay & fire Sond	Some Organic meteriale					
MM-201	iero' E from Finizos	.,	1 cut / see			5		Brown & black	moder Constra Silt.	50 4					
MN-202	401.6	2	1. Faitt suc					Grayish plack	fine sand, silt i Clay	. y .					
MM - 203	Nov mather	ek 13	0. 5 att sec		-			Reddish Brown	midin to conspess and Pat	the "					
N# - 204	1.5 mls E france	2	2 cutt/see					Reddick Sallan " Dank Grey	fin & Cause Some Some Silt						
					1										

## CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

Choi COLLECTOR:

AREA: Sallus Creek (Anomaly A)

DATE: Aug. 18, 1970

PROJECT: 406

LOCATION REF .: 5250' Contour.

SAMPLE	LOCATION	DRAINAGE		SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESULTS	
NO.	LOCATION	SLOPE	PHISIOGRAPHI	TYPE	DEPTH	COLOUR					
AC-235	30' N'31E fr C.P. (12. A.117)	ł	Monstainous	So:1 B	10"	Dosk Grieg	five sort & s. It.				
Ac-234	50'N= f= 233	l	\$	Seil	8"	Grupish brown	fine sent s: It E Miner Cog.	, alle			
Ac- 235	100'100	Ĭ	¢	50.1 B	10"	Gray	fire & predices & silt.	send			
Ac-236	150 pow	Ĭ	*	So.1 B	12*	Brava	S.IT. fie sono E'some meet				
10-237	200 AM	z		Seil	6.	Breve	Sill fine sail	on the manhase ridge.			
Ac-218	250'AF . f" 10-231	ĩ		Seil B	12-	Grayish brown	S. H. fine son	d Ridge Curper			
110-239	30-14- f= 11-233	z	b	B	12*	Dark Grey	fire Sond, S. H. E. Some re	di			
Ac-240	350'NW - 233	r	5	50.1 B	14.*	Brownish Yellow	median sand 4 silt:				
41-241	401 1100 - 211	¥	٠	S.I B	6~	Park brown	silt, fin some in	to some Gravels			
Ac- 242	4519 211	X	,	S.I B	10"	Yellaris brown	silt, fin Sa	1 Js			
Ac-243	50 / AC-233	I	,	Soil B	8"	Dak Gray	fine Send & sill .				
Ac-244	550'NW - 10-233	I	4	Tales B	7"	Gray: sh brown	fine Loud, &: minor rests & Some	gravels			
Ac-245	bre 1 289	Ţ	5	To las B	5"	Grugist black	Sut, Silt Si Some q	reads .			
Ac-246	100 mm	Y	4	Seil	6"	Bronnish Black	fine Sort. f.	alle and s			
Ac-747	701 Mar 1- 1- 233	¥	•	So. 1 B	7*	L	4				

## CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

DATE 19 19:19.19.70

AREA: Sallus Crak (Anounaly A)

PROJECT: 406

LOCATION REF .: 5250' Contour

SAMPLE		DRAINAGE		SOIL	HORIZON	COLOUR	TEXTUDE	DEMARKS	ANALY	TICAL RESULTS
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	& DEPTH	COLOUR	TEATURE	KEMAKA9		
Ac-348	750' AL-277	ž	Mantainer hill	sul A	7"	Grafish Dince	Silt. fin 3 8 son grace	of Black Tap soil		
Ac-,769	fring Ac-237	Ţ	y	Soil	10"	Coregish biens	4			
Ac-250	810 Ac- 237	X	"	Tales A	124	Gray:sh block	Silt, gravel	Poplars & Gross		
Ac-251	900 1000 100-	Į	بني <del>بر</del> د	Talas B	14"	v	Sitt , fine s	send Je		
Ac-252	95 Nor from 10 - 233	ł	4	Talus B	10"	"	5.11, 1attles & grovels	sinor note		
Ac-253	1020'mil	+	7	Soil	10.	Dark brown	fine sand. sill & wing c	de		
10-254	105+ 1000 for 10-273	X	s	Seil B	14.	Pork brown	ardin sen 4 silf.	/	-	
Ac - 255	1100 Nov from 110-233	r	¢	Talas B	14.*	Brownsh black	il grouds			
Ac-256	11.52° 11" to Ac - 211	V	v	Tales B	10.	Park brava	fin sond, s.			
Ac-257	1200 11-	r		So:1 A	10"	brownsh block	fin sound, s & asimer C			
Ac-258	1210' 10 - 4 fr = 10 - 233	ž	¢	Soil	8*	Brannish Black	*			
Ac-259	1300 No 1- Ac-233	r	٤	Suil B	7"	Grayish brows	Silt. fines Enime t	ad a dis		
Ac - 260	1350 min. J- A1-232	Z	4	S.I B	6.	Derk brown				
Ac-261	1200 100 fr- 10 - 231	r	•	Soil B	11"	Brown	silt, ndium & minn to	s and als		
11-262	1+52 100	Ľ		A	13"	Grey	S. H. Clay	dry crak		

## CANADIAN JOHNS ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA AREA: Sallus Crede (Anemly A) Che; LOCATION REF .. 52 50 Contour Au 19, 1970 PROJECT: 406 ATE: HORIZON ANALYTICAL RESULTS SOIL SAMPLE DRAINAGE COLOUR TEXTURE REMARKS PHYSIOGRAPHY LOCATION & DEPTH TYPE NO. SLOPE Cry Silt. clay streen sample biomish blue Organic onda, to Area Crack in send, on the small Ridge. Park Silt. Sand Spit Scomple brown & grands. high leached Sulphid. meanle Stree. is Argittich. martines s. 11 Ac-263 1500 NW. 50% 8" r A. 10-11-233 Ac- 264 fr- Ac-233 Sell Y 6" A Talas Ac-265 -+ 5360 8-1 4 ß 1

CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

AREA: Sollars Creek (Anomaly A)

Au. 20, 1970

C. Choi

PROJECT: 406

LOCATION REF .: 57 50' Contour .

SAMPLE	LOCATION		PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	 ANALY	TICAL R	ESULTS	
NO.				0.1	DEPTH		5/		 		-	
Ac-266	End of NE side Crak	. 1	( Opening of ridge )	A.	4"	Ciry: th block	& fin sal Some rich					
Ac-267	50' No. from he-266	Y	+	S:il B	6.	Gry:s4 brown	sill if ine sand	1		-1		
AC-268	100 M.	L	4	Soil	3~	Grey brown	fine to medium song	1				
Ac-269	150° A.	Y		Soil	5"	Darke Correg	Silt, fin som Some Palla	ler				
Ac - 270	20'10 10-26	ł		Soil	3'	Dark	silt sifin sm	J				
Ar - 271	250 per	¥	"	Suil	5"	Deck	Sill fine Son	1				
Ar - 177	30' F" Ac-216	Ť.	\$	Tales B	6.	Grey brown	Course Soud	s-all cliff.				*
11-1-	50' A.E.	, <i>k</i>	4	Tales	6'	Grug E brown	Malin J. Code E seme fill-	ose sned les				
Ac- 1711	51'1-	Y	٨	Talos A	۷"	Ŀ	Sill i Mili- to Coa	se said				
Ac- 275	112 AW 10- 11-273	4	•	Tales	5"	Carry	Silt & fin s	and es				
10-276	150" AH	1	4	A	6"	Brownish block	Sond, S. H. i rocks					
de-171	200 MM f- 10-273	Y	4	Soil	6.	Dark						
Ac - 278	250 Nic from de- 273	1	4	Soil	8.	Park brook	Silt. fin so	l.				
Ac- 279	200 min - 179	r		So.1 B	10'	Gry	some reets					
Ac- 350	350 000 1/2 -273	1		Soil	5"	Srowersh black	fin sont, S. H E some rach	100' 575'w daw fm Ac-279				

#### JOHNS-I ANVILLE Co. Ltd. CANADIAN

GEOCHEMICAL SOIL SURVEY DATA

AREA: Sallus Gak (Anomaly A)

DATE: Aug. 20, 21, 1970

Cho;

PROJECT: 406

LOCATION REF .: 5750' Contour

				soll	HORIZON			PER ADVE	ANALYTICA	L RESULTS
SAMPLE NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	& DEPTH	COLOUR	TEXTURE	REMARKS		
Ac-281	400 mer j= 10-273	Ł	Alteau	5.:/ B	g	Dork gray	five sound " silt.			
AC-2.82	\$50'MW f- 1 - 273	1	Mountainous	5:.1 A	6-	Grey	fine soud, silt & minor r.	ads -		
Ac-253	500 per 1 - 273	ł	*	Soil	8"	Dark bravo				
11-284	BST - 2649	X		A	7*	4	fin sand. 2' armer	a/s		
Ac-2.85	50' Nov 5- 10-284	. 1	4	Sil	10"	Yellorish birno	fire said i silt.			
10-286	100 pm 1- 1-286	6		5.1	1	Park brown	Sill, Sand	ots		
Ac-2F7	150'1- f= Ac- 254	1	"	Sil	3"	*	4			
Ac-2.88	BST-2545	- 1	*	Sil	5"	Reddish brown	Sill & Some 1.			
Ac-289	50'AW fr- de-28	8 X	"	Sil	5"	Park proma	Soud, Sill	mods		
Ac 90	100 mm from 10-288	Z	6	Sil	<i>4</i> ."	from	Sill Spine S	and		
Ar-291	150 mm from 10 - 281	· +		Sel	6*	Bran	silt, fine t some	agon's sectional		
Ac-292	Fran Acra 200	r 4	6	Sul	4.	Park bravis	all fine	sad		
Ac- 293	250 Nor for HC-258	X	4	B	6.	Port Gruy	Silt, fin : & miner 1	rods		
Ac-194	300 400 f= 1 288	1		Sul A	6-	Bring	sill Sjinse	and		
Ac - 29.	-14 326 P	s 12	· 4	3011 A	7"	,	Some Organ	er molernel		

#### CANADIAN JOHNS-. ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

AREA: Sallus Crak (Anomaly A)

"\_C. Cho! ATE: 109 21, 1970

PROJECT: 406

LOCATION REF .: 5750' Contour

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON	COLOUR	TEXTURE	REMARKS		ANALY	TICAL R	SULTS	
					DEPTH		11 1.						
Ac-296	4001 2000 fr- 11- 288	¥	Moustaineas A.d	A	5"	Brow.	8 Sime Cog.	nud . sait					
Ac-297	578-2546	1	Ŀ	S.I A	6.	Greg sh brown	S. It, fine sa & miner r.	d ds				-	
Ac-298	50' NW fr Ac-257	1	*	5:1 B	10		s:// & fine se	nd					1
10-199	10' Not from 107	Į.	6	5:1	8.	Brown	sill, fim s.	nd che					
A1-300	150 NEV	r	<b>.</b> .	Suil B	<i>s.</i> "	L	"						
Hr-301	510 -2545	ł	Meuntaineos Valley	Soil B	7"	e		ŕ					
11-202	5" NH 10 14 2.1	it.		SeilA	6'	light Yellowish proven	silt fine Sand	on the Crat.					34
Ac-202	100' 14	Ţ	*	SoilA	5"	Gray: 03	silt fin	sand Dig Moin Circh					
11 10	1 10-31												
									,				

	CANADIAN JOHNS-A. NVILLE Co. Ltd.											
4				GEOCI	HEMICAL	SOIL SUF	RVEY DA	TA SALLUS CR	EEK	AREA		
COLLECT	ORI J. KERI	R; C	P. LIN					AREA: ANOMALY	A			
DATE	SEPT 16	, 19	70	PRC	JECT:	406		LOCATION REF. A-310		AC.	244-	
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	ROAD - CUT SAMPLES		ANALYTI	CAL RESULT	rs
A-310	AC-244 +00 N	30°W	5250'	TAWS		GREY	GRAVEL	MASSIVE MARBLE WITH BLACK & WHITE BANK	25			
A-311	+25N	:	:	2		BLACK	SAND	BLACK ARGILLITE WITH BROWN RUST				
A-312	AC-245	2	2	2		YELL. GREY	SAND	MASSIVE, COLOR - BANDE MARBLE	D			
A-313	A-313 +25N : : BLACK SAND BLACK FISSILE ARGILLITE											
A-314	AC-246	:	2	2		BLACK	:	:				
A-315	+25N	:	2	2		:	:	:				
A-36	+ 50 N	:	2	2		:	:	2				
A-37	+75N	:	3	:		2	:	3				
A-318	AC-247	2	:	:		BR. YELLOW LIGHT YELL. BLACK	:	SLABBY ARGILLITE, STAINED BROWNISH YE	LLOW			
A-319	+25N	2	1	2		YELLOW BLACK	:	BROWN SLABBY ARGILL	ITE			
A-320	AC-248	2	2	2		BLACK	:	BLACK FISSILE ARGIL	UTE TAIN	,		
A-321	+25N	1	2	2		:	2	BLACK FISSILE ARGI	LITE			
A-322	AC-249	=	. 2	:		2	:	:				
A-323	+25 N	"	:	3		:	:	2				
A-324	AC-250	:	2	:		2	3	LOCAL, WHITE STAM	/			

1. J.	-+ )-	/	CANA	DIAN GEOCI	JOHN Hemical		I <b>VILLE</b> RVEY DA	Co. Ltd.	AREA
COLLECT	OR J. KER	R; C.	P.LIN					AREA: ANOMALY	A
DATE	SEPT.	16,	1970_	PRC	JECT:	406		LOCATION REF. $A - 32$	6 = 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 SA ND	BLACK FISSICE ARGILLI MASSIVE, COLOR-BANDED	TE, ( 9.5" - 2" CLEAVAGE) MARBLE
A-326	AC-251		2	:		:	:	:	
A-327	AC-251 +25N	2	:	. 2		DARK BP. GREY	SILT GRAVEL	<ul> <li>(*)</li> <li>(*)</li> </ul>	
A-328	Ac-252	:	:	2		GREYISH		:	
A-329	AC -252	2	2	3		:	:	MASSIVE, COLOR - BANDED	D MARBLE
A-330	AC-253	:	:	:		BLACK, YELLOW	SAND SILT	MASSIVE, COLUR- BANDE WEATHERED DYKE	D MARBLE,
A-331	AC-253	:	:	\$		BLACK, BROWN	2	BLACK ARGILLITE, CLOSE TO WEATHERED I	DYKE (?)
A-332	AC-254	2	:	\$		:	2	SLABBY, RUSTY ARGIL DRAG FOLD, WHITE W	EATHERED DYKE
A-333	AC-254	2	2	3		BLACK, YELLOW	:	SLABBY ARGILLITE, YELLOW WEATHERED	DYKE
A-334	AC-255	2	:	ş		BROWN	GRAVEL, SAND,	MASSIVE, COLOR-BAND	DEP MARBLE
A-335	AC-233(?	) २	2	3		BL. YEL, WHITE, BR.	:	BLACK, SLABBY ARGILL CONTACT .	LITE; MANDLE
A-336	AC-233	2	٢	\$		:	:	CONTACT : BLACK SLADD	ARGILLITE D-
A-337	AC-233	2	2	:		DARK BR	3	8	
A-330	AC-233	:	\$	\$		BR. BL.	ITE :	= (6"-	CLEAVAGE)
A-339	AC-233	2	\$	\$		BR. BL. YEL.	:	2	

CANADIAN	JOHNS-	ANVILLE	Co.	Ltd.	

GEOCHEMICAL SOIL SURVEY DATA

SOIL

TYPE

AREA: ANOMALY A

COLLECTOR J. KERR; C. P. LIN

DRAINAGE

SLOPE

PHYSIOGRAPHY

DATE SEPT. 16, 1970

LOCATION

SAMPLE

NO.

PROJECT: HORIZON & DEPTH	406		LOCATION REF.		
	HORIZON & DEPTH	COLOUR TEXTURE		REMARKS	ANALYTICAL RESULTS
JS		YELLOW, BLACK	GRAVEL, SAND.	FISSILE TO SLABBY BI (1"-0.5") (6"-1")	ROWN, BLACK ARGULT
			- 316 1	CLOSE TO CONTACT	WITH MARBLE

Δ- 340	AC-233	30°W	5250'	TALUS		YELLOW, BLACK	GRAVEL.	FISSILE TO SLABBY BR (1"-0.5") (6"-1")	OWN, BLAC	K ARGU	LITE
	72+7	+					- 91C 11	CLOSE TO CONTACT	WITH M	ARBLE.	
						* )	1				
							13.8				_
1200					-						
		5									

#### CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOLE SURVEY DATA

COLLECTOR: C. Choi

14

1 = 507

DATE: Oct 6, 1970

PROJECT: 406

AREA: Sallus Creek 5000 Containe Trench LOCATION REF. pt Occor 55" N 18"E from A-008

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANAL	TICAL RE	SULTS	
AC 400	25 N.N. f- 20100	1	Montaineses	Fed (Tak Rock	us)10'	Reddisty plante 2 Tollow shis	Black Bry Mits	in tranch .				
Ac-401	ST' N'W from OPOO	ł		Talus	9.	Rolling from	4		2.			
-202	75 10 -	ł		Talas	9'	6		ladded self to orierale				
-403	1001-1-0	ł	+	Talus	11'	4		handed solf & mensale				
- 704	1051000	ł	۵	Talus	13'	Gregish Hall						
- 405	155 4.5	ł	4	Talus	14'		4	*				
Loh	175 200	ł	47	Talus "	15'	*						
407	20- 11-0	ł	+	Talus "	18'	4	4	touched sulfich animal				
408	2.5° 2.5° 2.5° 2.5° 2.5°	ł	w	Talus	14'	0	ø	*				
409	# 38 AU +- 4007	ł	*	Talus *	15'	Grayil black		bighty weathered & aridized sell file animal.				
	275 10	ł	4	Talus +	12'	6	<i>W</i> .	"				
-11	100 10	ł		Talas "	14'	+	"	4				
4/2	125-00	ł	2	Talus ,	11'	Gray de stock	-					
612	150 10	ł	v	Talus "	18'	Crayes black		highly workload gravidiged.				
				Talas			Constant and the second					

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CANADIAN	JOHNS.	ANVILLE	Co.	Ltd.	

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR. C. Choi

DATE: 0 - 6, 1970

PROJECT: 4-06

AREA: Sallus Creek Stri Contour French, LOCATION REF. of Ore: 55" N30" fr 11-000

SAMDLE		DRAINAGE		SOIL	HORIZON		TENTUDE	DEMARKS	ANAL	YTICAL RESULTS	
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	& DEPTH	COLOUR	TEATORE	REMARKS			
AC 415	200 1 407	1	Montinew Fill	Talus Bed Raik	12'	Corryilli hert birt	Block argillet	beside of Applite dyes.			
			m Li	The		Gray	The				
Ac. 416	400 10 - 407	ł	bill	C.	5'	Gryid, black	Sail	in Ary me This			
- 417	405" NO +~ 407	1	v	Tolas C.	6.	\$	frequents				
-418	430 N 4- 407	ł		Tales	7'	Grayich Wal		5			
-419	475"10	1	- 11	Talus C	6'	Gry ist Wals	*	¢ 1			
- 1120	502	ł	ŀ	Talus C	s'	plack	miner a	de ·			
- 4.21	525 V fr- 407	ł	4	Talus	7	Grapish	frequely	sino "role			
-472	dr 407	ł	6	Talus C	6'		*	4			
-423	575 10	ł	4	Talus C	7'	Arey sh black		Talos			
- 424	600'10	¥	,	C	7'	Gray: Sh block	4	in Oumbardon			
-405	8-1" ~ 7- 207	ł		-Talus C	5'	"	Esilt.				
											-
			•							•	

# GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHCNG-PIN LIN

AREA: CANCHALY

DATE: JUNE 17 1970

PROJECT: 4C6

LOCATION REF. (SEE MAP) 180' SJOCW OF

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	A	NALYT	ICAL R	ESULTS	
NO.	· · · · · · · · · · · · · · · · · · ·	SLOPE			DEPTH							1	
C-01	0+005	40°	2820	TALUS & SCIL	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS					
C-02	0 - 505	40"	2800	TALUS & SOIL	С 4''	GREY	GRAVEL SAND SILT	OREANIC ROOTS					
C-03	OFFSET 50' SBC°W	40*	2860'	TALUS Di Soil	C 4"	GREY	GRAVEL SAND GILT	OREANIC ROOTS					
6-04	17005	40°	2830'	TALUS & SOIL	с 4″	GREY	GRAVEL SAND SILT	CREANIC ROOTS					
C-05	0FFSET 30'N 1+505	3B"	2800'	TALUS & SOIL	с 4"	GREY	GRAVEL SANID SILT	ORGANIC ROOTS					
6-06	OFFSET N 2+COS	38°	2780'	TALUS & Seil	C 4"	GREY	GRAVEL SAND SILT	ORGANIC ROOTS			;		
C-01	2+505	38°	2770'	TALUS 8 SOIL	C 4"	GREY	GRAVEL SAND	ORGANIC ROOTS					
6-08	3 100 5	38°	2780'	T,ALUS & 3016	C 5"	GREY	GRAVEL	ORGANIC ROOTS					
c -09	3+505	40°	2780	TALUS & SOL	с 5″	GREY	GRAVEL SAND	ORGANIC ROOTS					
0-10	4100 S	40	2760	TALUS	C 5"	DARK GREY	GRAVEL SAND	NO ORGANIC ROUTS					
C-11	4+50 S	40°	2760	TALUS	C 4'	GREY	GRAVEL SAND	NO ORGANIC MOOTS					
6-12	5+005	40-	2810	TALUS	С 3"	GREY	GRAVEL SAND	NO ORGANIC ROUTS					
C-13	5+505	40.	2810	TALUS	۲ 5 ''	GREY	GRADLE	NO CHE-INIC 140075					
			[										

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ACP 5343

CANADIAN JOHNS-K \NVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C B i profit

AREA: SAllus Creek

「上にはなるないになる。東部などに出たる」とも多く表現であり表表

DATE July 6/70

PROJECT: 406 LOCATION REF. 400 CONTOUR

SAMPLE	LOCATION		PHYSIOGRAPHY	SOIL TYPE	HORIZON	COLOUR	TEXTURE	REMARK	s	ANAL	YTICAL F	ESULTS	
	35B	37°	4000	Sail	B	Br	57.	ORGANIC	Reate				
014 C	730 7304 50	11	11	1)	7	11	C.L.	11	11		-		
016	730 +100	11	26	Soil Talus	C/2	17	11. 11.GR.	11	11				
e 017	730	31	yt	11 11	"/ <sub>11</sub> .	)/	11 11	••					
018	72955/3	• 1	<i>}</i> )	50;1	B/2	11	ST. CL.	N	11				
C ~19	729,	17	<b>)</b>	11	"/	11	ST.	11	h				
0	729	n	11	Suil Talus	C/3	71	ST Br.		11				
C 021	7,29	13	11	Soil	B/2	BI. Br.	ST Gr.	11	/:				
C 022	55B 728	11	\$1	Soil Talus	¢/3	Br	ST	4	17				
c 023	728 +50	13	h	n	C/4	i t	ST. CL.	11	11				
C 024	788 +100	11		11,1	"/"	11	st. Gr.	1/	11				
C 025	728	11	1,	Talus	1/11	••	SD. 6+.	11	1				
026	727 55B	•1	ð 1	Soil	B/3	Þ	st Sd,	11	/1				 
627	727+.	•1	1.	Soit	<sup>c</sup> /2	11	ST	17	/1				
1 3 9 8	727	11	11	5-11	8/2	n	ST	11	1/				

### CANADIAN JOHNS-/ ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNE

AREA: <u>SAllus Creek</u> LOCATION REF. HOOD' CONTOUR

DATE July 6 /70

PROJECT: 406

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE		COLOUR	TEXTURE	REMAR	KS	ANALY	TICAL RI	SULTS	
<u>/</u> / /	727 4150	350	4000'	Soil	<sup>13</sup> /3"	Bl. Br	ST. Hu	ORGANIC	R0075				
C 030	55B 726	11	4000'	Soil	B/4"	1)	м 11	71	11				
031	726 150	11	**	11	B/3"	BR.	ST.	ţ1	• 1				
C 0 32	726	n	11	Talus	"/	11	SD.	10	//				
0 033	726	4	**	81	2"	BL.	2 N 12	,/	//	 			
C 034	STB 725	h	11	) i	11/m	Gr. Br.	15 31	16	<u></u>				
035	725	h	li -	11	11	132.	11 11	.1	17				
2	725 +100	4	h	11	1"	Gr. R.L.	36 30	4	<i>,</i> †	 			
C 037	725 +150	40°	4	н	11	1) 11	в 11	24	j.				
C 038	ST 8 724	11	h	11	1	Q.	1¥ . - 14	N	//	 		-	
C 039	724	11	ļı	TAlus	4''	D.Br.	1) 1)	ĸ	21				
C 40	724-	38°	11	11	*1	Br	ST 3D Gr.	'n	"				
C 0 41	724 +/50	))	11	Soil Talus	9/4"	Br. BL.	р 	J.	ν				
042	5TB 723	11	<i>h</i>	TAlus	5 "	11 11	SD Gr	17	17				
.1 .04 2	723 723	11	11	Soil TAlus	C/2"	Bt. Br.	11	11	11				

#### CANADIAN JOHNS-M NVILLE Co. Ltd.

#### GEOCHEMICAL SOIL SURVEY DATA

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AREA: Sallus Creek

DATE: Jul

July 6 170

PROJECT: 406

LOCATION REF

LOCATION REF. 4000 CONTEUR

AMPLE	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE		COLOUR	TEXTURE	REMAR	KS		ANALY	TICAL R	ESULTS	
त २ २ <b>११</b>	723	38°	4000'	Sui l Talus	C, "	Dr. Br	5 <b>d</b> . Gr.	ORGANIC	Routs					
2 45	723 +150	1/	, /	4 ? 4 ?	C/512	Br.	ST: Sd.	n	1)					
2046	STB 722	350	11	11	2/3"	23	• •	, i	/1					
			s.											
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1	· · · · · ·	··· · •	CANA	DIAN	JOHN	S-[_AN	IVILLE	Co. Ltd.		
			1 i.e	GEOCH	IEMICAL	SOIL	RVEY DA	TA Line immed	liately	
COLLECT	ror, Chon	q - Pir	n LIVI					AREA: Delow 7C,	South fork S	JIIUS (r.
DATE:	June 2	2, 10	370	PRO	лест <u>: Sall</u>	lus Gre	ek 401	6 LOCATION REF.	150' South I	: <u>P. Sa</u> llus 5
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY ELEV. A	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		
D-01	0+00	40°N	2.340	Talus		Br	Sand Gravel	Rock-Pyritiferous	Diorite	
D-02	0+50W	:	\$	2		Br/Red	:	3		
D-03	1+00W	X	2	2		Br/Red	Sand	<pre></pre>	more weat	hered
D-04	1+90W		:	2		Br/Red	Silt Sand Gravel	× ,	quite fresh	diorite
D-05	2+00W	:	2310	:		Br.	Silt Sand	:		
D-06	2+50~	:	2	=	-	Br.	:	=	a little org	<b>Inic</b>
D-07	2+80W	=	2430	:		Br/Yel.	:	<u> </u>		į
D-08	3+50W	42°N	2460	POSSIBLE	A HOR. 6"	dark Br.	Silt	Cashe Creek Gi	cop, Organi	c roots
D-09	4+00W	2	2490	Talus		Br	Gravel Sand	<u> </u>	. ~	
D-10	4+50W	:	2	SOIL + Talus		Br/Gr.	:	2		
D-11	5+00W	2	2	Talus		Gr.	Silt	3		
D-12	5+50W	3	2500	SOIL	C HOR	Gr.	Rock Silt	٤	to ss	K-1174
D-13	6+00W	:	2	SOIL	с 6″	Br.	:	<b>\</b>		
D-14	6+50W	39°N	:	:	000	Br/Gr.	Sitt	=	organic ro	ots
7)-15	7+00W	:	:		°8'	Br	Rock	:		

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<b>†</b>   	•			DIAN	JOHN	S-CAN	IVILLE	Co. Ltd.		).	
	- U			GEOC	HEMICAL	SOIL	RVEY DA				
COLLECT	ror. Chong	$-\mathcal{P}_{ii}$	n Lin					AREA;			
DATE:	June Z	, 10	770	PRC		llus Gr	eek 40	LOCATION REF.			
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		LYTICAL RESULTS	
D-16	7+50W	40°N	2500'	SOIL	°6"	Djrk Bri	Silt	Cashe Cr. Group. ( corresponding to	organic S\$K-	rools 1175	
		ى ب									
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ACP 5343

#### CANADIAN JOHNS-1\_ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG - PIN LIN

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AREA: E ANOMALY LOCATION REF. (SEE MAP) 200' WEST OF JUNE 18 1970 406 PROJECT: DATE: ANALYTICAL RESULTS HORIZON SOIL DRAINAGE SAMPLE COLOUR PHYSIOGRAPHY TEXTURE REMARKS LOCATION & TYPE NO. SLOPE DEPTH SAND TALUS C GREY 4000' ORGANIC ROOTS 34 GRAVEL E-01 NOTOON 4" 8- SOIL G " 35 -E-02 3980' 11 NO +SOW 11 5" 11 С 42° E-03 NIHOW 3915' TALUS 11 2" 11 11 C N 1+50W 40 3920' 11 11 Ë-04 11 . 11 4" TALUS C 3980' 42° 11 11 4" E-05 N2+00W 11 8 5016 C 40° 11 N 2+50W 3980 11 3 ′ 11 11 E-06 < E-07 N 3+00N 42° 11 11 11 11 11 ," YELLOW Ċ 35° N 3+LOW 4000 21 6-08 11 11 3" & EREY 40. 39201 11 GREY E-09 NA+30W .. 11 11 LIGHT C N4+80W 4000° 11 11 E-10 1" 11 GREY 11 С 11 ORGANIC ROOT 44" N5120W 11 E-11 11 1" 11 BY SBB 487 ORANG С 5. m E-12 N 5row TALUS ORGANIC ROUTS 40° 11 3" 11 YELLOW LIGHT 38° 11 11 N6-30W E-13 11 5'' 11 BROKIN 11 11 1. 11 NEFER 11 . 11 11 E-14 N7+30W 11 11 11 11 11 1-15 4015 GREY

CANADIAN JOHNS-M\_NVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG - PIN LIN

AREA: E ANOMALY

DATE JUNE 18 1970

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PROJECT: 406

LOCATION REF.

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		RESULTS	}
E-16	N7+80W	38°	4015'	TALUS	5" ©	GREY	SANP & CRAVEL	ORGANIC ROOTS			
E 17	N8+30W	14	4020	"	С" И	GREY & BROWN	1.				
E-18	N3+80W	35 °	4015	ii		11					
-19	N 9+30W	"	4020	11	4" 12	GREY		11			
:-20	N 9+80W	36°	4025		3" Ø	31		11			
:-2/	N 10+30W	11	4015	11	4" C	11	1.				
- 22	NIO FBOW		11	11	5″ ¢	71		. "			
-23	NII +50W	33 °	11 .	11	1	11	SILT SANIP GRAVEL	NO ORGANIC ROOTS			
-24	N12+00W	40-	4010			"		ORGANIC ROSTS BY SBB 490			
<u>- 25</u>	N12 2 50W	,,	11			YELLOW	SAND SILT	ORGANIC ROOTS			
-26	N 13+00W	11	11		5″ Ø	GREY	SANA GRAVEL	1,			
5-27	Ni3+50W	·	11	11	6" Ø		,,				
<i>⊑</i> -28	N 14+20 W	11	11	11	1' &	31	<i>;1</i>	NO ORIANIC REDIS			
1-29	N 14+50 W	11	3993	1.	<i>4</i> "		11	ORGANIC ROUTS		- -	
£-30	NISTOON	11	3275		,,	1.	·	,1			

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#### CANADIAN JOHNS-I ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG -PIN LIN

AREA: E-ANOMALY

DATE: JUNE 18 1970

PROJECT: 406

LOCATION REF.3

SAMPLE LOCATION		DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
NO.		SLOPE		ITPE	DEPTH									
E 37	N15+50W	40 "	3940'	TALUS & SEIL	¢. 5."	BACHNI CALY	SAND & CARVEL	NO ORGANIC ROUTS						
E 32	NIGTOON	••	, '	11	11	GREY	11	CREANIC ROLTS						
E 33	N16+ 80W	y.	3950 '	16	<i>i</i> i		11	,,						
E 34	N17+30N	11	3920	TALUS	2"	GREY	10	NO ORGANIC RUSTS						
E 35	Ni7+80W	14	11	11	1"	,,	11							
<u>E</u> 36	Nº 18 + 3011	38.	3940'	,,	2"	ę #	,,	,,						
E37	N 18+80W	37	3820	<i>,</i> ,	3.1	1.	,,							
E38	SLOTFSETW NISTSON	37	3910	TALUS & SOIL	с 3"	CREYISH BROWN	11	ORGANIC RODIS				!		
C 39	N 20 HOW	1.	3820	2.	C 2"	BLUISH YELLOW	1.0	17						
E40	N20+60W	j+	11	,.	С і'	LIGHT BROWN	۶t	/						
É 4'	N21+40W	ľ	3900	•1	C 3 <sup>r</sup>	,,	Je	<i>!</i> *						
E 42	N21490W	"	3920		C 5"	. 11	11	1.						
E43	A: 22+42 iv	40'	39 <i>40</i> "	1.	5 3"	U.	/ <sub>1</sub>	1.						
E44	N22+9010	<i>;1</i>	3950	14	4	<b>j</b> 1	11	<i>,,</i>				-		
E 45	N 23+42W	11	3960	•	5.	GREY	11	Łe –						

CANADIAN	JOHNS-	ANVILLE	Co.	Ltd.
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GEOCHEMICAL SOIL SURVEY DATA

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COLLECTOR. CHENG - PIN LIN

DATE:

JUNE 19, 1970

PROJECT: 406

LOCATION REF.

AREA:

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
NO.		SLOPE	····	Түре	DEPTH									
ē 41	N24700W	40'	3940	TALUS D. SOL	С 3	LICHT BROWN	GAND CRAVEL	ORGANIC ROOTS						
E 47	N 24150V	,i	3950	11	• •	GREY	<i>j</i> e ,	17						
E-48	N 25100W	11	.396 C	11	12	LIGHT BROWN	11	11						
E-49	N 25+50W	4	3 870		17	11	11	u						
6-50	N26+00W	, (	4015	TALUS	2"	BRONN ORANGE	<i>e</i> *	NO ORGANIC RODTS						
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										E				
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CANADIAN JOHNS. ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG-PIN LIN

AREA:	É	ANCMALY
		-

DATE: JUNE 19 1970

PROJECT:

406

LOCATION REF.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	AINAGE PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH		TEXTURE	REMARKS	ANALYTICAL RESULTS				
E51	27+500	35°	4015	SCIL & TALVS	े उ	ORANGE	SAND GRAVEL	ORGANIC ROOTS			+		
E 52	28+00	37°		× ,,	С 1"	LIGHT BROWN	11	/1					
E53	28+50	11	4000	11	"		11	, ,					
E54	29+00	35	11	11	C 4''	11	11	"					
E 55	29+50	320	11	//	C 4"	11	"						
E56	30+00	11	4010	11	с 2″	14	11						
E57	30+50		4000	11	с 4″		11	"					
E58	31+00	11	11	11	C 2"	11		11					
E59	31+50	11	11	11	с З''	11	1.						
EGO	32+00		,,	,1			.1	17					
E 61	32+50	11	4018	1,	11	ti.		11					
E62	33+00	//	4010	/.	с 2″		11	+1					
EGS	3 3 +50	11	11	, 1	1,		+ 1	<i>μ</i>		-			
E 64	34+00	28'	4000	SOIL	C 3"	BROWN	1,	"					
E 45	34+50	25	3980	£ 1	C 3''		1,	11			+		

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## CANADIAN JOHNS-/ ANVILLE Co. Ltd.

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GEOCHEMICAL SOIL SURVEY DATA

AREA: E ANDMALY

LOCATION REF.

REMARKS

w www.additional.com

ANALYTICAL RESULTS

COLLECTOR: CHONG -PIN LIN

PROJECT: 406 JUNE 19 1970 DATE: SOIL ° soíì,∕ HORIZON SAMPLE DRAINAGE LOCATION PHYSIOGRAPHY COLOUR TEXTURE & DEPTH TYPE NO. SLOPE TTTE TYPE TEXTORE TEXTURE

E 66	ده+35	34	3 <i>990</i>	DARK BROWN	6&A 4"	SUIL	SILT	ORGANIC ROCTS			
E67	35+50	35 -	4010	. 1	C 5''	- 11	SILT SANO GRAVEL	<i>''</i>			
E68	36700	40 <sup>.</sup>	4000	<i>I</i> 1	н& С 3.,	11	SAND GRAVEL	· · · · ·			
E 69	36+50	11	4020	14	A&C 3"	۰,	"	• •			
E 70	37+00.	35.	4040	1.	A&C 4		17	<i>,</i> -			
										 -	
								· · · · · · · · · · · · · · · · · · ·			
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CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG-PIN LIN

AREA: E-ANOLCALY

DATE:	JUNE	22	1970

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PROJECT: 406.

LOCATION REF. STB 496

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS .						
					DEPTH									
2071	Ofco W	35"	3520	TALUS (FINE)	-7 ''	BREWN	SAND SORNVEL	BY SBD 476 ORGANIC ROOTS						
EC 72	OFSC W	11	"	11	11	11	11	ORGANIC ROOTS						
5073	1+00 W		11	11	<i>et</i>	LICHT	<i></i>							
5074	ITSO W		17			GREYSH BROWN	,1	11						
5075	1+75 W	11			11	BROWNISH YELLOW	"	BY STR + 25 ORGANE ROOTS						
5076	2+25W	1.	35 <i>50</i>	. 14	,1	LiGHT BREWN	,1	ORGANIC ROSTS						
Ê071	2+75 W	"	<i>41</i>	11	5 "		71	je –						
5078	50'cffsers. 3+25 W	<i>i</i> ;	3520		6"		.0	11						
50.79	3+75 W	30	3500	11		a	. *	BY STB 494 ORGANIC REDTS						
<u>من</u> ح ت لي	4+ 25 W	17	1.	"	5 "	"	"	ORGANIC ROUTS						
3081	4+75 W	25	21	4	11	,,	1,	"						
2082	5+25 W	"	3470		• 1	GREY	s 2	, (						
E083	5 + 75 VV	11	35 20	17	24	CREYISH BROWN	11 -	. 11						
Eis+	6125 V	11	<i>i i</i>	11	3"	ERSINN	,.	17						
50875	6+75 W	11	3510	17	4"	LIGHT BRUINN	11	14						

ACP 5343

CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHENG - PIN LIN

AREA: E-ANOMALY

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DATE \_\_\_\_\_NE 22 1970

PROJECT: 406

(\*) (\*) (\*) (\*) (\*) (\*) (\*)

LOCATION REF.: STB

STB 496

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANAL	YTICAL RE	SULTS
NO.		SLOPE		ТҮРЕ	DEPTH						
EOEL	7+25 W	28	3510	TALUS FINC	з <sup>″</sup>	CROY	CANDEL	ORCAVIC ROOTS			
EC87	7+75 W	30	<i>;</i> ,	1.		1.	5U.O.L. C.N.IV.EC	11			
೯೦೪ನ	8+25 W	ĴΖ	3500	. (	5"	RLDDD SAEY	11				
5089	E+65 W	1.	1.	11	3‴	GROWN	11				
5090	9+15 W	"	"	11	4 "	CREY	יי	• /			
EOSI	9+65 W	11	11		5"	GREYSH	11	11			
E092	10+15 W	28	11	11	"	GREV		11			
3023	10 +65 W		11	11 .		LIGHT BROWN					
-1094 495	11+15 W	"	11	71	17	11	ار	11			
E095	11+65 W	11		71	11	1.	<u>بر</u>				
2696	12+15 W	30	3520	11	11	GREYISH BRUNN	11	DREANIC ROOTS			
<u>5</u> 057	12 + 65 W	"	11	THEVS	12"	- 11	GR IVEL	ORGANIC RUTS			
<u>క</u> ల్పిశ్	13+15 W	11	<i>j</i> .	,,	4.	CREY	GRAVIEL SAND	i e			
2399	13+55 W	11	11	11	3″	<i>μ</i>		No unicavic nos 15			
	14+05 W	11	1.	11	1.	1.		CREANIC ROOTS			

CANADIAN	JOHN	S-1	ANVIL	LE	Co.	Ltd.
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GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG - PIN GIA

AREA: E ANMALY

JUNE 22, 1970 DATE:

PROJECT:

LOCATION REF.: STB

496

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SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS
NO.		SLOPE		ITPE	DEPTH				
EI UI	14+55 W	28	3530	TALUS	3.,	LICHT BROWN	SAND CRIVEL	RY SSK ILCE ! ORGANIC KOUTS	
E102	15+05 W	32	21		11	BROWN	11	OR & AMIL ROOTS	
E103	15555W	54	3550	11	4"	LIGHT	11		
E104.	16+05W	38.	3530	11	5 *	CHANGE BRENCH		,,	
E195	16155 W	14	11	10	3	BROWN	11	1.	
5106	17+05W	37	1.	"	2	11	11	"	
E107	17+55 W	11	ĸ	"	4	LIGHT BROWN	11	. "	
E103	18+05 W	11	"	11	11	И	11	11	
: 2109	18+55 W	11	17	11	1.	23	11	11	
Elio	19705 W	11	1 e		3	11	17	STR 1111 DRUANE REDTS	
GIL	12+55 W		3520	11	2"	17	11	ORCANIC ROOTS	
Eli2	20+05W	40	3510	11	5 "	ie	11		
Eli3	20 +55 W	41		1:	4	GREY	11		
E14	21405 W	30'	3530	k	3-	GREYISH B. ROWN	4.	1.	
5115	21+55 W	1.	3540	11	11	216HT Poplaint	11		

			C A N A	DIAN GEOC	J O H N HEMICAL	S - N N SOIL SUI	VILLE RVEY DAT	E Co. Ltd.				
COLI.EC	FOR CHON	G. FIN	LIN					AREA:	CALY			
DATE:		22, 19	70	PRO	DJECT:	206		LOCATION REF.	STB 496			
AMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL }-	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICA	L RESULTS		
E116	22+95 W	40'	3500	3 ~	TALUS	RELIN	8411972 243472	ORCANIC MOUTS				
117	22+55 W	it	3530	11	11	LICHT BRCHIV	( )	11				
1:3	23705 W	11	3520	1;	11	3 +	1,	17				
119	23+55 W	11	**	k	11		/1			_		
120	24+05 W		3500	"	1	GREY	<i>,</i> ,	11				
	24 + 55 H	*/	3510	2"	17	LICHT iton N	17					
724	- 	1.	11	4."	11	CREMISH CREMIN	/1	, (				
<u></u>	25155 W	35	3520	11	11	"	//	,,				
124	25+05 W	11	3560	3.,	11	LIGHT BACWIU	11	11				
125	26755W	11	3530	11	"		it					
124	27+05 W	30	3520	11	11	,.	n	11				
<u>-</u> 	27+55 W	"	:1	11	11	BREVISA BROWN	"	*/				
5129	28+05 W	/:	,,	с 3^	SOIL & TALUS	LIGHT BROLOW	, Jr	11				
129	28+55 W	h	s f	C 4"	16		4	11	· · · · · · · · · · · · · · · · · · ·			
. 37	29 FCS W	4.0	3540	с 3 <sup>47</sup>	11	μ	- Ai	1.				

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#### CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

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COLLECTOR: CHONG FIN LIN

AREA	E	ANAM	

DATE: JUNG 22

PROJECT:

LOCATION REF.

REF. 578 496

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMA	RKS		ANALY	TICAL R	ESULTS	
E131	29155 W	30'	3540	SUIL & TALOS	С 311	LIGHT BROWN	SHAPA CARL	ORGANIC	Rarg					
									`					
									,					 
					N									-
	-	-												
							· ·							
								· <u>-</u> , . · · · · · · · · · · · · · · · · · ·						
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CANADIAN JOHNS-N\_NVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG PIN LIN

AREA: EANOMALY

DATE:

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JUNE 23, 1970

PROJECT: 4-06

 $\mathcal{P}_{120}^{\prime} \in Ast \ CF \ Ssk \ 14/2 \ (?)$ LOCATION REF.  $\Im \in 180$  is  $900^{\prime}$  N60°W of  $SIAIMP6ST \ FAC \ FAL \ FC2 \ FC3$ 

SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANAL	YTICAL RE	SULTS
NO.		SLOPE		ТҮРЕ	DEPTH						
E 132	otoosé	31°	4500	SCIL	С 4.'	BROWN	GRAVEL SILT SAND	ORGANIC ROOTS			
E133	0+50 SE		<i>)</i> 1	11	8 5"	REPIDISH BROWN	SLLT & GRAVEL	,,			
E134	1+00 SE	30°	ti	11	8 4″	BACWN	it .	• •			
E/35	1+50 SE	,,	11	11	B 3''	BROWNISH GREY	SILT	,,			
E136	2700 SE	35°	11	ļi.	<b>j</b> •	11	μ	71			
E137	2+50 SE	"	4520	11		BROWN	,•	11			
E 138	3+00 SE	25 °	4600	SOIL & TALUS	С. З"	ORANGE BROWN	SILT SAND GRAVEL	"			
E139	3+50 SE	40.	41	1/		<i>j1</i>	11	μ			
E140	4+00 SE	j.f	11	11	11	.1		14			
E141	4+50 SE	11	4540	14	"	i l	/1	"			
E 142	45+00SE	11	4510	TALUS	3″	11	11	NO ORGANIC ROOTS			
E143	5+50 SE	,1	11	<i>II</i>	11	GREYISH ISROAN	GRAVEL	ORGANIC ROOTS			
E144	6+00 =E	,/	11	SOIL & TALUS	С 3″	BRONN	SAND & GRAVEL	.,			
E 145	6+50 20	,1	11	11	° 2	i	, '				
5146	7700 DE	30	4600	,1	11	CRANGÉ	SAFE &	N .			

### CANADIAN JOHNS-K NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

r દગાલ								AREA:	 	•
DATE:		<u> </u>		PR	OJECT:			LOCATION REF.:	 	-
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HÜRIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ICAL RESULTS	
E147	7+50 SE	40°	4580	TALUS D. SUIL	С 2″	GREY	SAND ERHEL	ORGANIC RETS		<u> </u>
E 148	8+00SE	11	4540	;/	с 2''	ORANGE	11	¢ \$		
E149	8+50 SE	H	11	TALOS FINÊ	2"	11	14	71	 	
E150	9+00 SL	11	4520	· · · ·	2"	11	14	1.	 	
EISI	CFFSET ICON. OFEISC 9+00 SE	42°	4700	, 1		BLVE & YELLOW		NO ORGAMIC ROOTS		
<u></u> _152	9+50 S:	38"	4670	j/	11	BROWN	11	ORGANIC ROOTS		
<u>5</u> 153	10+00 %	11	1/	"		11	<sub>1</sub> 1	11		
E154	30' OFFETS 10+50 SE	17	4.660	1+	"	43	je	BY STK-1409 CR64NC ROOTS		
E155	10+ <b>5</b> 0 SE	21	;1	64	"	e t	11	ORGANIC REOTS		
E156	11+00 SE	40	4610	. /	1.	BROWN & GREV	10		 	
E 157	17+50 SE	1	4600	,,	11	GREY	10		 	
E158	12+ <b>6</b> 0 SC	,,	20	+1		-17	"	17	 	
EIS	12+50 SE	38'	at 530	•/	17	BRONN	i. It	,.		
£160	13+00 SE	1.	4510	* /	d	11	1,	h		

BLUE

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13+50 13+50 SE

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# CANADIAN JOHNS-1. NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

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f Louis	CTOR:			AREA:									
DATE:	<u> </u>			PRC	DJECT:			LOCATION REF.	<u> </u>		<u>.</u>		
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		ANALY	TICAL F	<b>ESULTS</b>	 
E162	14+00SE	38°	4480	TALUS	2"	BLUE GREY	CRAVEL SAND	ORGANIC ROOTS					
E163	14+50 SE		.,		11	LIC.HT BROWN		<i>k</i> ,					
E164	20'OFFSET N 15+00 SE	31	4500	11	11	GREY	"	11					
7165	ISHSUSE		4540	•1	3"	OR ANGE BROWN	11	<i>V1</i>					
E166	16+00 SE	11	4560	11	2 ''	BROWN	GRAUCE						
E167	16+5050	11	11	TALUS & 504	C 2"	-11	SAND& GRAVEC	/1					
E168	10'OFFSET N 17+00SE		4580	11	с 4″	LIGHT	"	, 1					
E169	10'01 FISCEN 17+50 SE	بر	4620	TALUS	2"	11	1.	<i>μ</i>	-				
5170	15 017567 N 13+00 - 2	,,	4140	SULL &	С З"		11	1.					
5171	19+50 52	35	4620		с з"	11	11	11					
E172	19700-2	,,	11	11	17	11	17						
E173	19+50-2	11	<i>ji</i>	. /	с 2"	PINKISH	11	1,					
E174	20+00 50	11	<i>י</i> י	,1	G ,"	13 ACIUN	11	<i>"</i>					
<i>E175</i>	20+50 SE	P'	//		C 2''	<i>µ</i>	11	11				-	
E176	21+005E	1	/ <sup>1</sup>		+1	14	• •	$\mu$					-

# CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

AREA: E ANOLAN

DATE

JUNE 23,1970

CHONG PIN LIN

PROJECT: ADG

LOCATION REF.

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS		ANALY	TICAL P	RESULTS	Pari-
NO.		SLOPE		ТҮРЕ	DEPTH			· · · · · · · · · · · · · · · · · · ·					
E 177	21+50 SE	30	4580	TALUS	3 **	BACIUN	GRIVIEL	ORGANIC ROATS					
E 178	22+00 SE	п	4560	ti.	2"	+ f	GRAIEL & SAND	14					
E179	22+5DSE		11	SOIL	B 4"	DARK BROWN	SHADD SICT	. د د					
E180	23+00 SE	25.	4530	SOIL STALUS	B 4."	BROWN'	SAND & SILT & LEDVEL	r <b>t</b>					
			•										
		-	· · · · · · · · · · · · · · · · · · ·										
											3		
5 							ŕ	· · · · · · · · · · · · · · · · · · ·					
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CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHONG PIN LIN

AREA: E AUDMALE

DATE JUNE Z4, 470

PROJECT: 406

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LOCATION REF. STK 1035

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL TYPE	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	ESULTS	
NO.		SLOPE		TYPE	DEPTH						
Ë 196	at STK. 1035 D too E	34	3010	Seil 2 talis	ے 2	LICHT BRANN	CIME. E. SENIO	STR 1035 ORCANIC RUTS			
E197	OFSCE	14	- ii	11	1.		14	ORGANIC ROOTS			
E 198	ITOC E	42	11	"	11	J,	11	3,			
E 199	!+ 40 E	11	Soto	TALUS	4"	GREYISH	1,	"			
E200	1+80E	"	11	je i	3"	GRET	1,	STA 1030 ORGANIC ROUTS			
E201	2+50 E		11	11	2"	6Roux	1.	ORGANIC RUSTS			
E202	3 roo E	35 ·	3050	11	3 "	CREY	1.	·/			
E 203	3tSU E	il	304-0	1,	4"	GKLY	"	11			
E204	20'0 Ffset E 4+00 E	,,	3060	4	3~	BROWN	"	STIG 1035 . ORGANIC ROUTS			
E205	4+50 E	1.1	3100	4	4.	BROWN		UNGINIC ROOTS			
E206	Sroo E	11	;(	5016	с 4%	PARK BROWN	SILT GREVELA AND	11	 	 	
E 207	Siso E	11	<b>3</b> 080	TALUS	.3"	CREYISM BROWN	54 ND 261242				 
E 200	6 too E	11	3070	"	4"	GREM	1.	STR 10 34 ONGAME REDTS			
E200	itso E		<i>μ</i>	h	4.	BROWN	•,	URGAME ROOTS	 	 	
6210	THOU E	30	3230	1'	"	n	۰. ۱	11			
CANADIAN JOHNS-/ NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

AREA: E -ANDMALY

DATE:

COLLECTOR:

JUNE 24 1970

CHONG PIN LIN

PROJECT:

406

LOCATION REF.

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANAL	TICAL RE	SULTS	
NO.		SLOPE		ТҮРЕ	DEPTH					<b>↓</b>		
Elli	7+50 E	30 <del>-</del>	3080	74645	31	£18-4-14	CRAVEL 2 SAND	OPEANIC ROOTS				<b>.</b>
E2iz	3100 E	14	3182		3	Coloris Cheers	,	STIC 1301 CELINIL RODTS				
E2B	3+50 E	4	11		3-	20		ORGANIZ ROOTS				
5214	9+20 E	11	3100	SEIL BTALUS	3-	CREY S.BRWWW	SILTE SANAS CIEVE	<i>ii</i>				
E215	10.00E	25°	3090	TALUS	3**	ENEY	SIGNID & CRIVEL	STK 1300 ORGANIC ROSTS				
										-		
- <u></u>		_					-					
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CANADIAN JOHNS- ANVILLE Co. Ltd.

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**GEOCHEMICAL SOIL SURVEY DATA** 

AREA: E ANCHIALY

DATE: JUNE 26 1970

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PROJECT: 4-06LOCATION REF. 325' N 50°E OF STK/030

SAMPLE	LOCATION		PHYSIOGRAPHY	SOIL	ORIZON &	COLOUR	TEXTURE	REMARKS	ANA	LYTICAL RESU	.TS
NO.		SLOPE		1165	DEPTH						
5216	0+00 W	28'	3:360	TALUS	5"	BIRGYUN	SAND & GRAVEL	CRGANIC ROOTS			
E217	0+50 W	li	/•		3''	11	11	· · · · · · · · · · · · · · · · · · ·			
E218	1+00 W	y e	11	TALUS & Soic	C 3"	G REY	•1				
<i>E21</i> 9	1+50 W	25°	3340	TALVS	<i>j"</i>	LICHT BRUGUN	silī	1,			
E220	2+00 W	4.	, 1	) e	11		.,				
E221	2 <b>+5</b> 0 W	•4	44	11	- 11	11	11	11			
E222	3+60 W	-1	3 3 30	17	5"	.,	SANP REROYEL	4			
E.223	3760 W	it	11		11	11	4	"			
5224	4 +00 W		**	11	• •		11	"			
5225	4-+50 W	,.		•1		ORANCE BROWN	11	<i>'</i> ,			
= 2.26	5+00 W	37	3350	11	11	LIGHT BROWN					
5227	5 +50 W		35 90	.,	. 3″	- 11	1.				
<u>5225</u>	ETCO W	33	33 70	"	"	GREY	11				
E 229	6+50 W	1.		"	1"	LILIAT	14				
= 230	7+00 W	••	, 1	p2	·•	4,	٠.				

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CANADIAN JOHNS-/ NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

and a second second second

COLLECTOR: CHONG PIN LIN

AREA: E ANONIMLY

DATE: JUNE 26 1970

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PROJECT: 406 LOCATION REF.:

SAMPLE	LOCATION		PHYSIOGRAPHY	SOIL	HORIZON &	COLOUR	TEXTURE	REMARKS	YTICAL I	RESULTS	
NO.		SLOFE		1176	DEPTH						
E231	7+70 n	30	3350	TALUS & SOIL	C 4."	LIGHT BROWN	GRAUELD SAN O	ORGANIL RONTS	 		
E232	5+20 W	<i>; \$</i>	24	TALOS	4"	BRENN	10		 		
E233	8+70 V	"	3360	11	,,	#	11	4	   . 		<u> </u>
E234	9720 W	н		"	5 ″ .	11	4	<i>'r</i>	 		
E235	9+70 W	-1	• •	••	2"	11		-,	 		
E230	10 F20 W	•1	3350		2"	4.		"	 		
E237	10+70 W	16	<i>i,</i>	3+	, "·	11	11	1.	 		
<u>E</u> 238	11+20 W	,1	47	TALUS & Soil	C 3 "	ENOUND &	•.	"	 		
E239	11+70 W	<i>j</i> 1	11	"	C 5		"	11	 		
2240	12720 W			TALUS	с 4″			1.	 		
						<u>-</u>					
1											

* * e	- 8		CANA	DIAN GEOC	JOHN Hemical	S• AN SOIL SU	IVILLE RVEY D/	Co. Ltd. HOT &	SUNNY	00	~ -
COLLEC	FOR: ARNOLD	Guss	EN PI	SECTION C	Controna Claim	DiRECTLY BLOCK	OFF B	W. AREA: Sallus (	DEEK		3
DATE:	JUNE 7	1970	2	PRC	DJECT:	06	ong lo	LOCATION REF. LILO	ivet E	30	
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESU	JLTS
\$\$6 2488	25580-1 3700'	-	Rolling Grassy Timber coscreb Hills	StSG	B 12	RB	М	LODDED OFF AT ONE TIME LARGE FIR SCOTTERED ROMADED CORNITE BOULDERS			
556 2489	-80.2 3720'	5	11 W	st s g	<₽ 8	LB	м	" " "			
55G 2490	- 50.3 3760	1	16 H	st sg.	B 12	RB	15	57 <sup>-</sup> 11 <sup>-</sup>			
55G 2491	- 50.4 3740	1	L, J.	st s	B 32.	LB	Μ	12 *1			
556 2492	-80.5 3720	1	Loggen off ARCA Grassy Open Small FIR	st s g	B 12	RB	Μ	li se			
55C 2493	50.6 3660	1	L 14	sts	B,+C 14	G	M	EBGE OF DOAL CUT			
			-								
						-					
				61231							

ADP 5343

	B S. E-WATON Readings CANADIAN JOHNS- CANVILLE Co. Ltd. Cloudy & Cool 3640 - 8:00 AM GEOCHEMICAL SOIL SURVEY DATA COUNTRY DATA												
COLLEC	POR: ARNELD	Gus	IS EN		6000	Const	CIX DZ	AREA, Sallus Co	REEK				
DATE:	JUNE 8	1970		PRC	DJECT: 4	06 1	V.E. se	C. LOCATION REF	oet BC				
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL Type	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTIC	AL RESULTS			
550 2994	O	1	THEREY TIMESERED SLOPE JUCKPINE SPRUCE & FIR	5+ C.	в 6	В	M	Rolling Hill Like groupo					
550 2445	200	1	η σ	St C	13 6	B-LB	М	Schistic ROLK PRESENT Rocky type of GREADD					
55G 2496	400	1	D	StCC	B	в	М	Burnet off once many Small trees					
556 2497	600	1	TAKEN IN AREA BELOW LARGE SPRACE & FUCKPINE	St C	B 10	В	М	Rather damp area					
55G 2499	800 .	1	þ <i>u</i>	StSC	B 12	LB	C	. 11 %					
556 2449	1000	1	h U	Sts	B 10	1.6	F	11 11					
556 2500	1200	/	TAKEN IN WET AREA LARCE TIMBER	SISC	B	8	M	000 Ridges					
550 2501	1400	~~~	TOP OF SMAH RIDCE MANY LERGE TECHPINE	StC	B	B	М	Numaricus Boulders					
556 2502	1600	1	JUCKPINE COURCO SLOPE	StC	B S	RB	М	Larce Timber					
556 2503	1800	/	n D	SŤĊ	BS	RB	M	it <i>I</i> l					
556 2509	2000	/	ti it	StC	B 10	В	Ы	Mainly Jackpine					
556 2505	2200	1	h 11	StC	B 6	B-RB	Μ	ti ji					
55C 2506	2900	/	LARCA CPEN HILLSIDE, CRASSY, SCHTERED JOLKAM	SIC	BG	В	F	GRASSY SLOPE OVEN					
55G 2507	2600	/	¥{ /+	StC	BS	LB	М	in K					
2508	2800	1	Lurce camp of Spruce Damp	StC	B	B	М	Sman Oraw grassy Full of timber					



### CANADIAN JOHNS- OANVILLE Co. Ltd.

### GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: A GUSSEN

6000 CONTOUR

AREA: Sallus CREEK

DATE: JUNE 8 1970

PROJECT: 406

LOCATION REF .: Lillaget BG

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS
NO.	LOCATION	SLOPE	FILDOGRAFIII	TYPE	DEPTH	COLOON	TRATORE		
556 2509	3000	4	QUUMPS OF JACE. PING GROSSY OPEN SLOPE	St C	15 8	DB	М	HARGE OFEN GRASSY HILLSIDE, SCATERED TACK.	
556 2510	3200	ţ	CRASSY OREN SECPE NEMEROUS MERBLE COTOROD	5+5	6	LB	м	u u	
556 2511	3400		ц И	sts	10 B	BL	м	- IS	
2512	3600	1	THICK CLAMP OF JUCKPING EDGE OF OPENS	St S	B 10	В	M	LURGE JACKPING BURNT OFF CINCE WIN GRAITS	
556 2513	3300	/	10 11	Sts	8	В	М		
556 2514	4000	14	THICK LARGE Spruce WINDFalls	StC	B 10	LB	Μ	11 11	
2515	4200	/	ODEN AREA GRESSY SLOPE SCHTERED JACKPING	St s	8 8	BL	M	TAKEN BELOW MORALE DUITCROP OPEN GROSSY	
576 2516	4400	10	MARDLE OUTEROPS	StSG	C 4	LB	M	ts /1	
556	4600	1	IN ATLEA OF MACH MARBLE FLOAT STRASSY SLOPE	StS	A 10	BL	M	SCHTERED TUCKPING & SPIZUCE	
576	4800	1	SMAN RIDGE OF CAPOSED MANDLE MUCH TACAS	515	с 2	LB	M	11 ()	
55G 2514	5000	-4	GRASSY OPEN SCOPE, SMAN RIDGE	575 14	A+B 12	BL	M	UNADLE TO SECURE 9000 Sample, some eut crops	
35G 2520	5200	/	11 11	St 5	B 5	BLC	Μ	LARGE AMOUNT OF MARALE FISAT PRESENT	
55G 2521	5400	1	ų 11	St S	BI5	LBL	F	11 12	
556 2522	5600	1	ty n	Sts	B 12	LB	м	11 11	
556 2523	5800	1	it it	5+5	B 10	DB	M	11 11	

In a second		1 1 2 10	and the second state	GEOC	HEMICAL	SOIL SU	RVEY DA	ATA		-01	
COLLEC		USS EN			6000	CONT DO	12	AREA: Sallus CRE	EK		
DATE:	JUNE 8	19	70	PRO	DJECT:	406		LOCATION REF. L. 1100	et be	-	
\$AMPLE NO	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYT	ICAL RES	SULTS
556 2529	6000	/	GRASSY OPEN SIDE HILL SCATTER- to, BOULDERS	Sts	8	DB	Μ	SOME SCATERED TIMBER SCATERED ROCK & TOLOS			
556 2525	6200	~	n u	515	B 5	DBG	м	11 11			
2526	6400	-4	ii ii	st s	8	DBG	M				
556 2527	6600	1	ь <i>и</i>	St S H	17# B	PB	M	11 LI			
556 2528	6800	/	11 1(	SŧC	B 12	DB	Μ	41 11			
556 2524	7000	/	ų II	Sis	B	B	М	.) e			
55G 2530	7200	1	SOME OPENS BRUSH	SES	BS	DB	М	LARGE SPRUCE Rather Damp			
556 2531	7400		EDGE OF LADDE SPALLE THERET & OPENINGS	St S	8.8	B	M	11 1.1			
556 2532	7600	1	SCUTTERED JACKPHIL	SIC	B	В	Ŀ	LARDE SEAN GROD JACK - PING			
55G 2533	7800	/	t <b>i</b> 17	St C	B 10	B	M	·· · ·			
\$\$6 2534	8000	1	THICK JACKMOS WINDFAILS BRUSH	SIS C	B 10	В	M	1 <sub>1</sub> i			
55G 2535	8200	1	l) ii	St SG	\$ S	B	M	Some LARGE SPRUCE THICK			
55G 2536	8400	-6	THER SPRUCE MOSSY	St C	B 12	Б	Μ	h it		a	
556 2537	8600	9	н <i>И</i>	StC	8	В	M	it 11			
55G 2538	\$\$00	1	lv h	StC	BS	<i>B</i> B	M	SOME JACKPINE			



# GEOCHEMICAL SOIL SURVEY DATA



COLLECTOR:

DATE: JUNE & 1770

GUSSEN

PROJECT: 406

LOCATION REF. Lillcost BC.

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE REMARKS	AN	ALYTIC	CAL RES	SULTS		
NO.		SLOPE	CONTRACT STREETS	TYPE	DEPTH						1		
556 2539	9000	7.	MANY SPRACE MAINLY JULICPING GRASSY	Ste	65	B	м	DING FAILS THICK JALK. DINE Scope					
556 2540	9200	4	ti 11	stc	B	B	M	11 L I					
2541	9400	4	TAKEN BELOW MERBLE ULTERAP	SC	B. 6	LB	M	THICK JACKPINE SPRACE & BRUSH					
556 2542	9600	4	THICK JECKPINE MESSY WINDFAILS	50	0 8	В	m	. 11 11					
								· · · · · · · · · · · · · · · · · · ·					
						7							
-													

Past	- 6		CANA	DIAN geoci	JOHN Hemical	S- AN SOIL SUI	IVILLE RVEY DA	Co. Ltd.	Co. Lid.			
COLLECT	OR: JBI	inie	N Cook	2620 9	AM Pau	ilion Lak Cloudye	e Cool	AREA: North	Sallus c	zreek		
DATE:	Mare-11	70		2580 S. PRO	JECT:	406		LOCATION REF. A. Aree	contro	r 5750_		
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS .	ANALYT	ICAL RESULTS		
35T 2643	000	>	open menter	Sand Dirt	A B 4"	Grey Brown	Med	200 ft from dry feater stream				
35J 25-14	200	>	17	11	A . B A ''	GB	11	Dry feeder stream				
25 45	400	1	Some	Sand	B <sub>g</sub> "	Brown	11	minoc organio		-		
25-46	600	7	Semi open	Sand	B	Brown	11	11 11				
2547	800	1	11	S/D	B	\$ /13	11	along side marble c/c				
25-48	10 00	>	11	5	B 6"	4/B	Fine	S/W slope				
25 49	1200	1	timber slope to bl.	S	13 10 11	Grey .	Fine	11 11				
25 50	1400	1/2	grassex open slopes	Dirt	B	P/4-	Med	11 11				
25 51	1600	1	11	S	B 10"	G/B	11	, <i>Ir //</i>				
2552	1860	l	11	SID	B	Grey	11	11 11				
2553	2000	1		S/D	B	Grey Black	11	11 11				
25 54	2200	>	11	S/D	4 B 4''	G./BL.	11	11 11				
2555	2400	>	//	5/0	Bi	Brown Black	11	Sostherly Miner Ocyanic				
25.56	2600	17	"	S	B (//	G/B	11	N 11 11 11				
25.57	2800	>	11	5	15 11	4/B	. //	South Easterly				

COLLECT	TOR: J BI	nnie	N Cook	GEOCI	HEMICAL	SOIL SUI	RVEY DA	AREA: North S	allus	Creek	
DATE:	June	1/7	2	PRC	JECT:	406		LOCATION REF. A.A.	a 53	750.00	atore
MPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		IALYTICAL RI	ESULTS
55	3000	~>	Plateno timber some timber	5	B 8 ''	Grox Brown	Med	Jack pine thickets South existerly.			
559	3200		21	510	B 4 ''	4/13	71	11 11 minor organic			
560	3400	1	27	SID	B 6"	\$/B	11	16 - 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1			
561	3600	7	11	S/D	B 6"	G/B	11	edge of timber			
562	3800	>	11	5/10	B 84	G/B	Fine	11 II miner province			
563	4000	>	11	S/D	B	4/B	Meit	timber flat			
5 64	4200	J	11	S	B 8''	Brown	Med Course	31 11			
565	4400	Å	11	S	B 8"	Brewn	11	11 11			
566	4600	Ŷ	17	S/D	B 34	B	Fine	tombered suremit			
567	4800	1	Easterly	SID	B 10 "	G/B	Med	mare procente			
568	5000	Å	drainay at	~ S	136"	B	11	timbered Summit	ter		
569	5200	>	21	S/D	413	Brown	Fine	in 11 minie organic	*		
5 70	5400	1	11	S/D	Bu"	B	F	open slopes and me	Join		
571	5600	1	11	S/D	B10"	B	F	11 10			
172	5800	>	11	5/D	B.11	B	F	11 11			

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: JBinnie

AREA: North Sellus Creek

DATE June 11/20

PROJECT: 406

LOCATION REF. Altrea 5750 conter

SAMPLE	LOCATION	DRAINAGE	PHYSIOGPAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESULTS
NO.	LOCATION	SLOPE	Philotockarin	TYPE	DEPTH					
551	1000	>	pint thickets	S	B ("	Brown	Fine	dramage to Nevili open meadous		
2574	12000	>	11	S/q	B 4''	B	F	miner erganic		
7575	6400	~	11	S/D	B 4''	B	F	The the		
75-76	1660	$\rightarrow$	11	S/p	B.,.	B	F	11. 11.		
7577	1800	>	11	S/D	B 4"	G/B	F	dry open hillside		
2578	7000	~	11	5/D	#B #11	G/B	F	North easterly slope Forest eavered		
1579	7200	<b>&gt;</b>	17	S	AB Z'	Grey	Course			
2580	7400	M	nearly timber Pine	5	.B 811	B	Med	Mortherix modrate moistore		
25.81	7600	>	north slope	S/D	B 94	B	11	10 11		
2582	7800			S/D	B ç"	B	11	and bit line to iN.E.		
		-								

· A.	. 8		CANA	D I A N Geoci	J O H N Hemical	S-OAN SOIL SUI	VILLE RVEY DA	Co. Lt	d.	(	20
COLLEC	ror: <u>1 Bil</u>	nnie 1	V Cook	6:15 PI	NE 120 2 1 27	40 40 AA G	11617 2000	AREA:	North Se Northeas	Hus Cr tedy side	eek_
DATE:	JUNE	12.170		PRC	JECT:	400			N KERA JI JIVER	5.2.6	C. SAMERE
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REN	LARKS	ANALYI	TCAL RESULTS
55J 2502	D	4	heavy timber ridges + basins	Diet- Saint	B	Keddish Brown	Med	high main mirrier 0	tore could		
2584	200	2	11	Sand	B	Brown	M	11	11		
2586	400	1	11	S	13 18 11	R/B	M		11		
2586	600	4	11	D/s	B /	R/B	M	11	11		
25.87	800	4	11	D/S	Ben	R/B	M	11	11		
25.88	1000	2	11	S	B 8''	B	M	11	. 11		
25.89	1200	1	11	5	B	B	M	pine rid	meisture ge		
2590	1400	4	15	5	B	Grey Brown	M	11	11		
2591	1600	e	11.	S	B	B	M	11	11		
2592	13.00	1	11	S	Bun	B	С	11	11		
2593	2000	4	27	S	B	G/B	С	11	11		
259A	2200	2	11	S	B 1"	13	M	low me	store cont.		
25.95	2400	2	12	D	14 11	K/B	M	nodrate	resisture.		
25.96	2600	4	11	PIS	# B 12."	R/B	M	many	11		
1697	280-3	1	11	S	B "	Grey	M	dry r			

CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

				GFAG	FUE-UARS PU-SE	9012 90	IZVLE 578	P412		
COLLEC	TOR: J	Bina	e N.Cook					AREA: North	Sallus	Creek
DATE:	June	12/20	0	PRO	DJECT:	406		LOCATION REF. A Ly	in 55	op conter
SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		LYTICAL RESULTS
53J 2568	2000	d	Henry Timber ridgest basins	<	13 8-11	9/B	Med	Neith westery slope		
2599	32.00	2	11 11	S	B	G/B	M.	11 11		
2600	3400	4	11 11	S/D	B	G/B	17.	11 11		
							Meso 5j	smull dry feed er.	eks in	this area
									~	
		. Announces	E		1	in the second second second			1	

· ·	. 3		CANA	DIAN GEOCI	JOHN Hemical	S- AN	IVILLE RVEY DA	Co. Ltd.			00	æ	
COLLECT	OR. J.Bin	nie 1	V Cock	Elev 2 21	620 3:4 640 6:1	5 AM Par	lico Lat	ke AREA: <u>Aarea</u>	5	in .	slep	e	
DATE:	Junen	20		PRC	DJECT: 4	HOG S	alles Cr	Leek LOCATION REF. 5-3	00 '	200	toor		_
SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		ANALY	FICAL RES	ULTS	
55J 2101	0	*	For superad	Sand Dixt	BAI	lagalifikij Brown	Med	Dry drainige basing deep over borden					
2602	2.00	>	11	S	B12"	9/13	Med	Some stones. Light overharden					
2603	400	1	• 11	S	B12"	Brown	Med	11 11					
1604	600	>	11	SID	B10 "	Brown	Med	11 11					
2665	800	-	21	SID	B S!	\$/B	Med	C Cho, Claina line N 60° Kl					
2606	1000	6	11	S	Bgr	Bronn	Med	open to south					
1609	1200	1	spender; billside	S	Bsu	B	Med	edge of cangon				- 19	
26.68	1400	~>>	11	S	13	B	Med	2540. above Steep bluffs					
2609	1600	1	10	SID	B4"	G/13	Med	very steep both bile	4580	-	1		
,75	1800	>	- 11	Talus Sand	C411	Rusty Brian	Telus Fine	bead of large canyon	-	-			
31.11	2000	V	11	S	B <sub>3"</sub>	G/B	Med	11 11 11				Ð	
2612	2200	1	11	S	BUH	light Orney	Med Fine	11 11 11					
2.613	2400	1	grass covered Slopes	S/D	43 B A 11	G/B	Med	adge of large open to	re	e	1		
2614	21.0-17	5	dry creek	5/10	ASB	Black	Med	deep overborden.		1			
21.15	2800	7	dry creat	5/10	B <sub>g</sub> "	BI. / B	Med	light over borden					

ACD 5343

LAMADIAN JUNNS ANVILLE CO. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR. J. Binnie Ni Coak

AREA: A.area S/W slope

DATE: June 15/20

9

PROJECT: 406 Salles Creek LOCATION REF. 5560 contour No cont

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS
NO.		SLOPE		TYPE	DEPTH				
SSJ		~	Steep	Sand	B /	Buen		helow large ofc	
2616	3000	71	h. H. side	Dirt	16	Black	Meil	Marble	
			11 11	0.1-	A 13	B/m	11	11 11 11	
2617	3200	>	heavy timber	5/D	3511	1 Bl.		11 belew	
2110	3400	-	11 11 Doen free	Sand	A B	Black	11	and along side markle	
and the state of the second			steep hillside	mineral	AB.		11	likely graphite	
21.19	3600	1	Small poplar	Sail	Surface	BI		bully freatured an every.	with
	3.0		11 11	0.1	All	PI	11	helow large ele many boolders	
1620	3800		P1 +	Harl_	0		,	20150	
21.21	0000	5	ridge	S/D	10 6.1	Gran	"	ecclain line	
the start			open	0.1	B	0		south east slope	
2122	42.00	5	side hill .	°/p	5"	7/B	//	scrub timber	
			11 11		AB	Dark	11	11 12	
21.23	4400	>		Sand	4"	Grey			
91.94	11.00	5	11 11	5/0	A 13 4"	G/B1.	11	11 11	
Labort -	4600		11 11		AB	Glai		large granite e	
26.25	4800	14	dry colly.	P/D	411	1 151-	1.4	marble bostores.	
2.04		)	11	SID	AB	G/BI	11	gravel below orcanic material	
1626	5.000		1.51 de hill	01	17	0.	11		
2627	5200	->	timber	3/D	1011	4/B		minor organic	
				The second					
							-		
	1			-					



2500

2557

3.5

14

SG

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## CANADIAN JOHNS- ANVILLE Co. Ltd. Sanny & Clear

#### GEOCHEMICAL SOIL SURVEY DATA

AREA: Sallus CREEK COLLECTOR: ARNOLD GUSSEN 3000 - LOWTONE DATE: June 19 1970 PROJECT: 406 LOCATION REF .. LILLOOCT BC HORIZON ANALYTICAL RESULTS SAMPLE DRAINAGE SOIL COLOUR TEXTURE LOCATION PHYSIOGRAPHY REMARKS & TYPE NO. SLOPE DEPTH No originic Matter Dusi Below currences TE C 516 LB C 10 6 Logging Rond wit 2543 56 PRESENT TROCKS SHRFALE STG C 10 tj. 31 11 W . 11 11 200 2544 556 JEDOGED SLOPE ORGANIC MATTER B FIR DENR TALUS STSG X R M 400 2595 4 SLIDE WEDDED SLOPE 556 Va 600 11 1L M GRASSY - FIR L. h. 2546 556 14 16 800 M 4 11 41 11 'n 2547 550 ~~ 15 1000 LBG M 11 10 44 11 2548 B 556 1 B 1200 11 11 11 4 M 4 2599 TF Bac 576 BASE OF OUTCOOPS X 35 LB M 1400 TIMBER & GROSSY St S 2550 2 SCATTERED OUTEROPS B 556 Base of Fir M 6 1400 11 56 TREE 2 ORGANIC MATERIAL 2551 B ROCHTLY BURDE 556 -4 StSG 1800 NC. BL G M (RASSy) 5 2552 B STG LB 4 8 0 H. F. M 2000 2 2553 Flat AREA above STG B StSG 11 M ir. CLIFF 2 7200 2 2554 B OPED SIDGHILL 55G ORGANIC MATERIAL NO C SCHITCRED FIR SG 11 4 2555 2,400 920554 C 516 BASE OF OUTCROPS TF 100 C 11 SCATTERED TREES 2556 4 3 56 7600 STO C TF C. S 11 V<sub>L</sub>

	0	~			
		12 2.40		4.44	15-2-221
GEOCHEMICAL	SOIL	SURVEY	DAT	Ά	

3000 Constour

COLLECTOR OUSSEN

DATE JUNE 19 1970

PROJECT: 406

AREA: Sallus Creek

LOCATION REF .: Lillowet BC

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	A	ALYTIC	CAL RES	SULTS	
NO.	LOCATION	SLOPE	PHILDOGRAPHI	TYPE	DEPTH	conton							
576	3000	1	TOP OF OUTEROP \$ CLIPPS	TF	c 2	LB	YC	No observe materiel					
2559	3200	/	NEGD OUTCROPS	StSG	B&C Z	-1	C	u					
5 TG 2560	3400	1	<b>N</b> 36	11	jV.	В	C	e e Ie.					
556 2561	3600	1	h is	14	B 4	LB	м	Some unganic material					
556 2562	3800	4	ja vi	st s g	B 3	PB	м	1.1	1.				
556 2563	4000	1	BASE OF Rak OUTCROPS	St S G	B+C Z	B	M	ti.					
556 2564	4200	1	6	ĸ	B 4	B	м	u					
556 2565	4400		Flat grassy OPENS	StSG	B 4	LB	Μ	1				_	5
													-
												1	
						-							
												+	

	5.5. <i>Freva</i>	FION RO 8:00 - 31 5:10 - 36	40 CANAI	DIAN Geoci	JOHN S Iemical	S-I. AN Soil sui	VILLE RVEY DA	Co. Ltd. Sunny	5 War	00	
COLLECT	DR. ARNUL	d Gus	CN	65	00 0	consteur		AREA: Sallus (1	REEK		- *
DATE:	JUNE	23 1	970	PRO	JECT:	106		LOCATION REF. Lillovet	BC		
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESUL	TS
55G 2566	0	- *	Flat lying aREA Top = F tribec BARM FORF	Sсн	8+C 8	DB/B	M	ORGANIC MATTER EXPOSED GRANITE BOULDERS			
556 2567	200	7	n is	Stsc	Bac	B	- M	•1			
55G 2568	400	-4	GENTLE SLOPING CIELA GRESSY SMELL BURNT	StS	B 6	B	F	1L			
2569	600	1	D IN	st s	B	B	17	u			
55G 2570	800	No	p P	stsc	8+6	B/LB	M	t			
550 2571	1000	1	1.e. 10	U	B	В	F	14			
556	1200	7	ts p	SG St	BA	LB	C	14			
55G 2573	1900	~	EDGE OF BURN LURGE SPRUCE	5+5C	BrC	B/LB	ы	ORGANIC MATTER EXPOSED GRANITE BOULDERS			
556 25 74	1600	10	ji 6.	stsc	Big	В	F	31			
55G 2575	1800	1	SMAIL DAMP ARCH HEAD OF CREEK OPEN BRUSH	St C	B 14	Bi/LB	Ł	11			
\$56 2576	2000	-\$	SCHITCRED JACKPINE BRUSH BRUNT CFF OPCC	st S	Big	IB	-	٦.			-
55G 2577	2200		75 H	st s	13 6	LB	М	u			
2578	2400	4	p n	st c	B	RB/LB	F	1.			
516 2579	2600	~	FIRT GREA SMELL	st S G	SURFACE	LB	C	1.			
550	2,800	10	SESTERED JUCKPINE OPEN \$ MOSS Y	sts	B	RB/B	M	ORGANIC METTER EXPOSED GRANITE BOULDERS			

•	20					-41				0	
*				GEOC	HEMICAL	SOIL SUI	RVEY DA	ATA	-		
COLLECT	OR: <u>H</u>	JUSSEN			65	00 C.	0,010410	$AREA: \underline{\supset} \alpha ((\alpha s) C)$	REEK		
DATE:	JUNE	23	70	PRC	JECT:	406		LOCATION REF.:	over	BC.	
SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANAL	YTICAL RESULTS	
556 2581	3000	4	SCATTERED TREES JACKPINE MOSS SCATTERED BRUSH	st s	B	RB/LB	М	SAMPLE MATTER IN SAMPLE GRANTE BOUDER EXPOSED	5		
55G 2582	3200	~	11	St C	Bac 8	13/63	Μ	τι.			
556 2583	3400	1	h	stc	BU	В	F				
556 2584	3600	10	1.	stc	86	B	М	lı.			
2585	3800	1	11 .	stsc	86	В	М	14			
556 2586	9000	1	CAREN IN AREA OF GRANTE OUT- CROPS	sts	B	В	M	1,			
556 2597	4200	1	SCATTERED JALK. PINE MOSS	St S	Brc	RBILB	Μ	t i			
556 2588	4400	P	"	St s.	Bie	RB	M	ORYGINIC MATER GRANITE BOULDERS EXPOSED			
55G 7589	4600	4	13	stsc	B	DG/B	M	3.6			
55G 2590	4800	¢	1,	StSC	B 6	DG/LBL	M	lı.			
\$\$G 2591	5000	1	11	St sc	Bro	LB	M	14			
556 2592	5200	10	4.	S+C	B	LB	M	ц			
55G 2593	5400	10	11	sts	BB	LB/B	F	4			
55G 2544	5600	1/2	CIT SPRACE OPEN	StSC	B	В	M	4			
<u>516</u> 2595	5800	1	SMALL STREAM SMAIL BRUSH	StSH	Suitface	LB/BL	M	GRANNIC MATER GRANITE BOULDERS EXPESSED			

- 1	- 6-			GEOCI	HEMICAL	SOIL SUI	RVEY D/	<b>ATA</b>		0	
COLLEC	TOR: A	GUSSEN	<u>,</u>		6 :	500 C.	ont our	2 AREA: Sallus (	CREEK	-	
DATE:	JUNE	23 7	0	PRC	JECT:	406		LOCATION REF	et B	C	
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RI	SULTS
556 2596	6000	4	OVEN SIDEHILL GOOD LOCEN TRICK STALLOCOUST	stsc	BG	LB/BG	٣١	Little original matters Scattered Spruce Trees			
556 2597	6200	1	11	StS	.B 8	LB/BL	М	x. k			
55G 7548	6400	1/2	13	st s c	B 80	LB/BL	М	. <i>е</i> Ъ			
55G 2549	6600	1	n.	st s	36	LB	F	**			
55G 2600	6800	Va	u	SGSt	8	В	С	10 organic matter			
55G 2601	7000	1/8	CLUMP OF JACHyma BURNTOFF ONCE	Sts	Bu	LB	M	OUTEROPS & BULLDERS			
556 2602	7200	Va	OPEN AREN' THICK SMALL	StSL	B	LBIBL	M	ju .			
55G 7603	7200	19	14	st s	B	RB/B	F	м			
55G 2609	7600	8	TOP OF Redge Scattened Spance	StsG	BáC 2	RB/LB	М	10			
55G 2605	7800	X	j.	StC	BG	LB/B	۲٩	Ir			
556 2606	8000	~a	FLAT ATCEN Abus CLIFFS grass SCOTTERED TREES	st S	BA	LB	F	CONTACT AREA BETWEEN GRANITE & MARBLE ORGANIC MATER			
556 7607	8200	1	\$ grassy	и	B	LB	F	10 P			
556 24.68	8400	P	ODEN SIDE HILL GRASSY	11	B	B	F	MALACHITE STANNA NORD			
55G 26.09	8600	Pa	u	N	BA	B/BL	F	OUTEROPS & BOULDERS			
5TG 2610	\$800	10	BASE OF GRANTE OUTEROP OPEN	StSG	C 2	B/BL .	Ć.	11			

R G	is to Re	cdings 8:00 - 3 5:00 - 3	<b>CANA</b>	D I A N Geoci	JOHN Hemical	S A A N Soil Sui	IVILLE RVEY DA	Co. Ltd. Waam s	Sunay .
COLLECT	OR: ARNOLD	Lusser	U		:500	Contour	2	AREA: Sallus Crzi	
DATE:	JUNE	24 19	20	PRC	JECT:	466		LOCATION REF. L. HORE	<u>136</u>
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARK5	ANALYTICAL RESULTS
556 2611	9000	1	GRADITE OUTOR- OUS GRASSYSUE	Sts H	8	в	F	TOP OF CRADITE OUTEROP SOME ORGANIC AGTER	
55G 2612	9200	1	is 96	ž.	BS	В	F	К ()	
556 2613	9400	>	h Je	11	000	LBL	F	SOME ORGANIC MATTER SCUTTER GRANITE BOLLDER	
55G 26/4	9600	1	DAMP CITCA THICK SINGU BRUSH SCOTTERED SPRUCE	Stsc	A+B 12	BL	F	O REGINIC MC. TTER	
556 2615	9800	/	h v	t.	AOB. 12	BL	F	( ( L)	
26/6	10000	1	OPEN GIDEMILL SCATTERED LLOCE JACKPINE	sts	B	В	F	u 31	
55G 2617	10200	1	35 35.	StSC	Ad B 8	B/BL	Μ	tx 6	
53G 26/8	10 900	1	1 <u>1</u> 11	5156	C 4	LB/DG	C	ROCK ONTEROZS	
556 2619	10600	10	t. j.	st S	B 4	LB	Ł	Some organic matter IRON STAINED ROCKS	
55G 2620	10800	14	le is	SÌSG	Bo C 2	LB	C	*1	
55G 2621	11000	14	N 17	St S H	By	B/RB	F	14 24	
550 2622	11200	1	ta At	SISH	Bq	DB	м	ORGENEC MEITER SCOTTERED MARBLE THLYS	
55G 2623	11900	10	h is	StSH	BA	DB	M	11 II	
54G 2624	11500	10	SMAN SPRING SMAN THICK BRUSH	5756	SARFACE	DB	м	MARGIE & GRANITE FLORT	
356 21.25	11700	13	OPEN SIDEHILL GRASSY	5+5	Bis	PB	F	ORGANIC MATTER	

	00					00			00	
	0			GEOC	HEMICAL	SOIL SU	RVEY D	ATA	$\odot$	
COLLEC	TOR: // (	JUSSEN			0.000	CONTON	(1<	AREA: Dullas CREO	žK	·
DATE:	JUNE 1	24 19	70	PRO	OJECT:	406	and the Alexandra	LOCATION REF.:LILOOL	of BC	
SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESUL	.TS
556 2626	11900	1	OVEN HILLSIDE STRASSY SMOLL BRUSH	st s	B	BIBL	M	Some organic matter		
55G 2627	12100	1	14 41	sts	800	BIBL	M	11		
55G 2628	12300	>	U IV	SES	86	DB	M			
556 26 29	12500	~	OPEN SIDE HILL SCATTERED JUCK PINE	575	B 4	DB	Μ	11		
556 2630	12700	1	0 ti	Sts	B 4	DB	14	Maggle exposed		*
556 2631	12900	10	10 II	sts	ê 4	DB	F	и		
55G 2632	13100	1	GRUSSY OPEN SIDE MILL EXPOSED MARDLE	sts	BA	DBIB	Ł	μ		
576	13300	1	BODE OF MURROLE OUTEROP	SGST TF	CN	B/BL	C.	Some organic Mater		
2639	13500	12	OREN SHASSY HILLSIDE MARSLE CHTCROPS	St H	AOB 5	BL	C	14		
556 2635	13700	1	<b>1</b> 3 11	sts	BG	DG/LOL	M	h		
556 2636	13900	p	31 17	sts	6	LDL	Μ	SOME ORGANK MATTER		
						2				



### CANADIAN JOHNS OANVILLE Co. Ltd.

#### GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: Charles Binner

### EAST to West

AREAS Grid # 2 LINE 72 Sallus Creek

DATE JUNE 4 170

PROJECT: 406

LOCATION REF. Lillaget BC.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESUL	TS
SSB	B4		COVERED HILLSIDE	St.r C	A-B	B + BL	MED.	JACKPINE + Spruce			
3001	72N+00W	Y	NO OUTCROPS		8		Frank Str.	GRASSY Slope.			-
558	472N	-4	COVERED SMOLL NILLSIDE	St. + C	B	B	MED.	JACKPINE & Spruce			
3002	STNITODW	7	Seattenes Rock		5		1	GRASSY STOPE			
558	172 N	-2	COVEREDNUSIDE	S.C. St	13 0	B	MED,	JACKPINE + SpRUCE			
3003	SIN. 2+00W	1	N.EEXPOSURE		0			GRASSY STOPE			-
2004	LAR NO	~	LEST	st, C	B	B	MED.	GARRENNE + Spruce			
SCD	LDA		DRAINS SLIGHTLY		D			COMING TO PRAW			
3005	STN. 4 + 00 W	>	WEST COVERED HILLSIDE	S.C.	8"	В	MED,	Sample taken by game trail,			
55 2	L72N.		EXPOSED ROCK		B	5.0	0	Steep HillSIDE			
3006	STRI, STOOW	5	AHEAD + LEET	St.c.G	4-8"	B*G	C	DRAINS N.W.			
SSE	LORN.		Small OUTEROD		B	-	FINE TA	SPRUCE + JACKPINE			
3007	Stra 6 + 00W	2	Between 5+6	C.St.	2-3"	В,	MEDIUM.	Stopinis to N.			
882	L92 N.		Battom of DRAW	6.0	B		MED, to	JACK PINE OND SPRACE			
6008	Strin + 00W	3	OUTOROP RHEAD	0,9,	2-5"	2	C,	Stoping to N.			
SSB	1 22 11.		COVEREDNINSIDE	St.G	B	R	MED	JACK PINE + SPRUCE			
3009	StN 8. + 00W	$\rightarrow$	NORTH EXPOSURE	20.41	3-8"	· ·		MOSS OND GRASS			
SSB	L72N.		COVERED	a. c+	B	B	MED	TACKPINE - SPRICE			
3010	SLN9 +000	is .	NORTH EXPOSURE	Cr5ci	4-9"			GRASS + Buck BRUSH			
SSB	-L72N.		CUYCRED Hill SINE	~ ~	B	80% B	0	FIR & JACK PINE			
3011	STN. 10 +00 W/	4	App. RISIOPE	C.G	3-7"	SOME BI.	C	GRASS QND BUCK BRUSH			
5573	192 N.		DUTCROP	0 04 0	В		AL	Fir, Spruce + JACK PINE			
3012	StN. 11 +00W	->	APP. HO'NBOUE	C.St. S	4-8"	B	MED,	Moss about 4" deep			
SSB	472N.		OUTEROP		B		FINE	HEAVILY HADDED			
30.13	SLNIZY OOW.	7	ABONE OND AHEAD	C.SE.	6 - 8"	B	MED	nenory wood a			- and
556	L7211.		SIEFP DOODED	a	В		FINE	JACKPINE + SPRUCE			
3014	STN. 13 + 00 W	71	H115106	Stic	4-8"	B	MED	GRASS + BUCK BRUSH			
SSB	L72N,		EDGE OF.	er e	ACB			TARE IN ROCK LEDGES			
3015	511013+80W	1	ROOK BLUFF	311.31	12-2"	В	HINE	END OF LINE 12,			

SCO RINGART SOO DA! T.



### CANADIAN JOHNS-I NVILLE Co. Ltd.

#### GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: CHARLES BINNIE

WEST TO EPST

AREA: GRID "2 LINE 76 SALLUS CREEK

DATE: JUNE 4, 1920

PROJECT: 406

LOCATION REF .: LILOOET , B.C.

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARK\$	ANALY	TICAL RESUL	TS
NO.		SLOPE		түре	DEPTH						
SSB	176	ż	Small HALF BURNED ROCKS BLUEFTO WEST	S. G.	B 3+4 "	B	C	Sample Terken between Small Recks,			
S53 3017	276 510,141+0020d	ż	STEEP NORTHERN ENPOSURE	C.G	3 3-8"	18	MED-C	Small FIR,			
858	176 StN13-00W	2	COUERED HillsidE	St.C	B 4-6″	B	NED	MORE OPEN SPRUCE & FIR.		1	
55B 3019	176 Stiu.12 + 00W	v.	FLAT AREA GRASS COVERED	c,s,	B 4-8".	B	MED-C,	FIR & ALDER, BUCK BRUSH,			
55B 3020	276 STN. 11 +00W	ż	WOODED Slope	C.G.	B 3-8"	MIXED B+BL	C	FIR + ALdER'S GROUND COUERED BY DECAYED LENES			
558 3021	L76 S+N10+00 W	i	WOODED Slope	St.S	B 5-8"	Lt.B	MED.	SHADED BY LARGE TREES GROUND COURRED BY NEEDLES.			
53B 3022	L76 StN9+00W	2	WoopED Slope	St.C	B 3-5"	В	MED.	SMall TREES'3"-4" of RottED WOOD ON SURFACE			
55 <i>8</i> 3023	A 76 Strug+00W	il.	OPEN DRAW PREA	Stc.	B 2-8	B1+B	MED	Light BUCK BRUSH			
558	174 StN 7 + 002/	Z	WOODED Slope	St.C,	B 3"-8"	B	MED	20' FROM OPEN DRAW,			
SS 6 2025	LAG Stabtoow	2	Steep wood ED Slope	G.C.	B 3"-7"	B	C	FIR & JACK PINE GRASSY Slope,			
558 3426	176 StN5+00W	ż	Small exposed Rocks; Slopinis	s.c	B 1"-4"	B	MED	MORE OPEN FIR + JACK PINE,			
55B	L76 Start + 00W	Z	Small exposed Rocks's Sloping	S.G	B 2"-5"	В	C	FIR + JACK PINC,			
55B	176 SENS+00W	i-	THICK SMOll TREES	S.ST.	B 1/2 - 21/2"	B	MED	RECUT 3" ROTTEN WOOD ON SURFICE. ROCKS UNDER SOIL			
S53	176 Str 2+0000	2	THICH Small TREES. ROCKS UNDER Soil	S.C.G	B 3"-7"	B	NED-C	SAMPLE TAKEN IN BURIED ROEMS			
\$5.8 3030	1.76 Start 1000	ż	THICK Small FREETS ROCK UNDER Soil	S.G,	194B	B	C	UERY LITTLE SOIL HERE			

Page natural a

### CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: J Binnie

AREA: Lillooct Mining Div LOCATION REF .: B LO + DON to 80 4000

DATE June 6/20

PROJECT: 40%

SAMDIE		DRAINAGE		SOIL	HORIZON		TENTIOE	DEMARKS		ANALY	FICAL RE	SULTS	
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	& DEPTH	COLOUR	TEXTURE	REMARKS					
			Nov In are starty					Will exect pine covered					
2021	LOHOO NI	eres a	S. P. S. Park	Sand	E. g.H.	Base	Fine	light over bouden					
		~~~		C	p . n	Darch	+	34 3					
30.32	GI TON N		Anounthanoos	<u> </u>	0.8	Manut		marener arganich			-		
3.033	12 -100 XI	1	11	5	R.2."	Eren	F	light over burden					
3	1.7 1.4	~	11	S	12 411	DIB	E	11 11					
3954	6370014				fulle lan								
2.25	MADON .	-4	49	S	18 21	B	F	1					
1212.2-	1841 / Q Q / Y		17		Bair	3 1.	N 1	light over diarden					
3036	65400 N	1		S	- 87	18	Med	Brown & Sunden Scineti	N.				
2. 27	11. Jacki	1	11	S	Bigh	B	Med	over burden dep					
-200-6-	<u> </u>		1				Ned	open coven				-	
31.32	17150 N	10		S	E 15"	Grey	Eleven	moss covered					
2.00	16 ton M	3	1)	C	R 184	1777 73 1977 73	Med	Pine frees					
<u>2037.</u>	14-0-10-02-AV-	1	77			121	Fine	p 99					
3040	19400 N			S	B 12"	18	Chart	11 11					
2.11	To the M		11	2	17 14 11	9/B	Med	overbunden very deep					
	122 700 14-		11			61		11 17					
30.4-	71 + 00 M	1		S	18 41	7/3	Course	71	1.5				
		1-4	11	0	1.	Blac		1 1 11 milite					
30.3.3	73-100 N			4	G 12 /1	Grei	- C	b il					
28.44	73+00N	1	11	5	12 1.11	\$/B	Med						
	1		7.4		12	5/0	M.F						
Si M	17.5-120 N			1	14 1.1 1	12.0	11160	1 de en aver hurden	1	1	1		

	- Ó					0		- TEPH	0	
	<			GEOC	HEMICAL	SOIL	RVEY DA	TA	.0	
COLLEC	TOR:	Binn	10					AREAI Lilloret Min	1- 12 i	
DATE	June	6 70		PRC	DJECT:	406		LOCATION REF.	BADEN TO BELLOON	
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS	_
304%	76400,11	2	Augette medare den inage	5	B <sub>22</sub>	Grey Brown	Med Courses	Light over berden. Deulders Jarin Gravel		
3042	77/00N	Z.	17	S	-B 8.21	Brown	C.	Light over du Tên 5513 619 20th att side	"Jett"	
30.4.8	ZEYDO N	1	12	S	L 10 11	B		Side of large draw to	N.K.	-
3849	29-100 N	Y.	32	Gravel	48	ß		pelow attorip		_
3050	80 -100 N	1 de	<i>D</i> .	S/G	10."	B		mable to seperate minar exganic		
										-
						-				

### GEUCHEMICAL SUIL SURVEY DATA

COLLECTOR: J BINNIE

AREA: Lelloget Mining Div

DATE June 6/70

### PROJECTI 406

LOCATION REF. 1 80 400 Nº 1 to 15 W

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYT	ICAL RESULTS
NO.	LOCATION	SLOPE		TYPE	DEPTH					
3051	HOD W)	Ŕ	No. In westerly dramage : dramage :	G	C /o //	Red Brown	newese.	below of evep		
2052	2+00 W	14	11	S	3,0 11	/1	Fuie	NW slope to S.C.		
3053	2400 10	14	- b	S/G	B & C 8 11	Brown	C	below outcrep		
3054	2450 W	2	D	Sand	B	7/B	С	11 11		
3055	5700 W	1	37	S	.B.,	B	Med	heavy timber		
3056	6400 10	X	12	S/G	Bion	B	Med	11 11		
76.5.7	7406 10	1	1)	Sand Dirt	B 1011	B	Med File	1, 1, 1,		
3058	8400 W	24.	11	S	13 10.11	Grey	Die	gully bottom		
20.59	9400 W	1	17	S	B	Regul	Med	alder. Miner erganic		
30 60	lotoo W	1	79	S	B.,4"	4/3	Finie	1. 1.		
30 4/	11 400 W	1	74	S	B,,,	Light Grey to Brown	Med	31 11		
36/2	12700 10	1	1×	S	B	B	Fine	11 11		
70.53	13400 W	-	11	3/p	AEB	B	Med	11 12		
20.54	14-100 10	$\rightarrow$	11	S	B',	Bloc Greek	Med	1. 1. 1		
3065	15-tos wit	3-	11	S	Bart	G/B	Med	11 11		



CANADIAN JOHNS MANVILLE

Tel Martin

### GEOCHEMICAL SOIL SURVEY DATA

External

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COLLECTOR: CHARLES BINNIE

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AREAL CLARA CLARA CLARA

DATE: JUNE 8, 1950

PROJECT: HOL:

LOCATION REF. LILLOOFT 200

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	FICAL RESULTS	
NO.		SLOPE		Түре	DEPTH						
S.S.B	L6211		Courses Hillsong	es d	В			Justificate and Spraces			
30 66	Stal topul	1	Edge of Discous	200 1 5 1	1-4"	Б	M	Mosa Carer			
SSB	ALSM		Covered Hilledes;	C+ 0	B						
3069	5455 +06 15	1	Kight brauch		$2^+ \leftarrow 4^{-11}$	p	10	Moss Caver,			
5 S B	2.68 N	-	Small outerops	st. C.	B-C	13	M	Just pine dillerder			
3068	St 03 + 00 W	Ċ.	whene and a head		14" = 10"		in the second				
S.S.B.	1. 68 N.	5	Hills DC.	St, C.	2+5	B	М	Northern experient to			
3669	Stn4. + 6042	2	persona a constante	municipa and	4"-9			Sallus Creek,			
3.5 B	C GS N	The second	Inchrospe Hillside;	St. C.	B	В	M	Jackpine with some			
36.78	5745 -0061	13	plapes North West,		3-6			busk brush			
5.5 B	LORN		Jackprie Hillside	St.C	B	R	M	50' Sman small			
30.27	SENG 10000		Sispes North West		2-6			com and the large			
SIND	44 E N	4	Taelspine: "	St.C		B	M	and the local stands			
5002	217 100 45		devered Willnicker		3-6			There con spruce			
SSB	2.2.3.11	S.	Stopes North West	St.C	0 • // - 0 */	В	M	Carl aldra			
3003	51-203 × C 0 0		Panenet Il Venet		3+0	D		Jack pines			
250	L C K M	-Sar	Carekes Minares	S.C.	Win 10"	Some G.	194	Creassy Slope.			
30.74	51.19 +00 W		Conversed Hillsides		TR.			Jackpine's Gratey			
Charles and	Kales N		el a la la la la	S.C.	25.2.10	B	M	Stopes some buckbrush.			
000	1680		CovENCO Hillower		-3 + C			Grassy Stopes			
200			S.L Navau Miret	S,C,	3-8"	B	M	Some buckboust,			
5.5.6	1 4.5 M		Sourced Hills DE's		Bre			Dense Jackpine and			
30 2.7	12 - 12 + 0023	43	Lawre Spiller	S. C.	6"-18"	R	M	Spruce			
8.58	LLSN		opend west and		З			2 1 A 4			
20.22	Star 2 4 6000	1	Spruce and Balson	54.5	2"-4"	15	M	TUERN CITES,			
\$ 8.5	LERN		Edge of Bluff.	171 H	B	-	M	1 2100			
10.29	Ste 13 + 2531	7		St. R.	11/2 - 4"	87,		at Chiti.			
						-					
						1					



AREA:

COLLECTOR

DATE:

PROJECT: 1/04

LOCATION REF. Autoret 3 2

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SAMPLE		DRAINAGE		SOIL	HORIZON			DEMADING	ANALYT	ICAL RESULTS
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	ТҮРЕ	DEPTH	COLOUR	TEXTORE	KEMARKS		
STB	640	1.1.1	TRANK DINES		Ĥ			Taken on Top of		
3020	21 12 700 W	N	Foring Westi	T. F.	0"-1"	G.	19.1		1. Y.	
515.8	LL4N		Grassy Slope		В			Jeckning and Caruce.		
3081	52011 + 0000	14	To No+th Dest	St. C.	2"-6"	-18	P),			
338	LUNN		Grassy Slope		B			Joet pine, Spruce and		
3082	Stald + 00W	Ľ	To North West	S≠,C	3-8	-B	M,	Buck boush,		
5 S B	L64 N		Grassy Slope		B+C			Jack pine and spruces		
3083	5+ 59 + 00 W	4	to Morshwert	St.C	2 "- 8"	B	m,	Line cut by axe,		
55B	LLYM		GRASSY Slope		BYC	Bwith		open Techpines		
30 8 4	SING + DO W	R	to North.	S.G.	4"-8"	Some Ca,	С	No Under bruch,		
558	LLHW		Grassy Slopes	C 0	B+C	B. with	0	Down thees ahead,		
3085	Str 2 + 00 W	Ľ	Small Trees.	5.G.	3"-6"	Some G,	C			
556	LGHNU		Down timbers	~ ~	B	~		No Grass & Some more		
2086	11-6 - 00W	K	Small Thitpine	5.0	3"-8"	B	M	and needles on surface.		
3 86	LGUM		Power Timberg	00	8+C	1. 0		Coming to draw.		
3080	SLAG = DOW		Open.	310	4 "- 8 "	LEI B	M	,		
228	LLANN	1.1.	open;	0.0	B	LL.B		Outerop 8 South,		
30 88	511.4 4 000		Edge of Drow	204	1'' - 3''		C	Draw Runs North west.		
328	LGNN	17	Grandy Stope	S. CL. C.	B+C	Lt.B.		Jack pines Buck brush		
30.81	Sto3+ 00W	1	to North.	51561.0	5"-6"		C	and Some Spruce,		
5 2 8	1 L 4 N	. 4	Stapes North	0.0	B+ C	-		Jakkpines Buck brush		
3090	5102 + 0000	4		2.4.	4"-10"	-5	m	and some Spruce,		
520	LLHN		Slopes Northy	0.0	B	1	- 14	Open Stope.		
20.91	Stn1 + 0062	4	Exposed Rocks.	5,6,	2"-4"	B	11			10-10-10-10-10-
5.9 13	1.64 N		Timbered Slope.	St.C	B	Lt.B	-	S.S.K. Ribbin 1370		
3090	5401 + 00 C	K	0.07.53		2"-4"		F ,	Sin . 1 +00E		
SSB	LGUN	1	Timbered	5.G	B	G	1	Jackpine's hight		
30.9.3	Str 2 + 00 F	12	Stope,		2"-4".	9.		buck bruzH.		
53F	1. 6.4.1.1	11	Timbered Flat,	SA	B	14. B.	M	Jackpines Some		
100 m	No 5 . 005 .	1 3		1 014	3"+4"		1	Guass,		

#### GEUCHEMICAL JUIL JUNESS UMIN

COLLECTOR

Sales of Large an A St.

AREA, LANA SUGAL THE STORE STORE

DATE TORE TOTAL

PROJECT: 400

LOCATION REF.

SAMPLE		DRAINAGE	PUYSIOCRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	TICAL RESULTS
NO.	LOCATION	SLOPE	PHISIOGRAPHI	TYPE	DEPTH	coroon				
\$1513	LLYN	y	The server the per-	S. G.	B 2"_/"	12.B	C	Light Buerbrush,		
3098 SIS (1)	1640	è	Jack pine Slope	S.C.	B 3"-4"	KE.B	M	LUAN Ende at StooE.		
363 9 4 35,127 0 8 9 4	LLON	45	Jack pine Flats Grassy	5.C,	3	L.L.B	M	Top , of hill's Guass and moss underfect		
5.5.8	LGONJ		Jusk pice Flats Grassy	S. C.	3	В	M	Top of hill; Grass and moss under South		
\$.5.8 2.000	L60 10	~	Jock pine Flats Conserve	S. C.	B 3"-5"	B	М	Near Rond.		-
5.5.3	1.60 M	2	Slopes to South	S.C.,	B 2"-4"	B	С	at edge of road.		
338	LLON Stol + 50 5	$\leftrightarrow$	F / ~ + .	S.G.	छ 1″-3″	B	C	stack pine; open south		
5.5.0	LGON	Ľ	Stopes to South.	S.C.	B 2"-6"	B	Μ.	opensjockpine north all Irondi		
553	LGON	s_10	Slopes to South west.	st. S. C.	B 2"-4"	B	Fine To Med	opens Jackpine nonth of road.		
\$.\$.B	LLO NA	42m	Stopes to Southwest,	S.C.	B 2"-8"	В	M	open; Jackpine north of road.		
S. S.B 2105	160N	4	To Southwest.	S. C.	13 H 8"	B	M	Jack pine 3 open South of read,		
SE B 3/06	LLON Stastoow	e	Grassy Stope to Southwest.	St.C.	B 4"-8"	·B	М	Spruce and Jackpines Spen.		
5 5 B 2 10 5	LGON State + OOL	er-	Talus Stepes Rock Outevers	S.G.	B 1"-3"	В	с	Scottered timbers Sloping to South wort.		
\$ \$18 372.5	100N	Ż	Rock outerops	S.C.	B 1"-3"	G,	M	Scattered timber ; Sleping to Southwest.		
546	LLON	2	Talus Slope.	St. G.	B 1"-2"	G.B.	C	Taken below Rock Bliff.		

ULULITEMILME OVIN OWNERS .....

COLLECTOR:

C

west to East on her ?

AREAL CARLES CARLES SALES

DATE \_\_\_\_\_

PROJECT: 406.

LOCATION REF.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTIC	AL RESULTS
57 B 2110	LLON Star + 20 ml	2 .	apen thins Slopen	SL.G.	ی 1"= 3"	G.B.	C	Rock outover 100' above,		
\$7 8 3111	LLON Stato too wi	V	Oper Talas Slope,	Т. F.	р+В /- 25	G. B.	C	slope extends from 100' above to 150' below hine,		
ST3 3112	260 N Sén 11 + 20 W	X	open talus Slepe,	-T, F,	A + B 1"- 3"	G.	ć	Scaffered Timber.		
S78 3113	160 N Str 12+00 W.	e"	Scattered Tombered Slope,	S.G.	A + B 1"-3"	G,	C	Fin and Buckbrushy No close outerops:		
ST B 3/14	160N) Staistoon	Ľ	Talus Slope	T, F.	戸2日	G. B.	c	Scattered Timber; No close outgrops		
5.53 3115	160 M 51 n 14 + 00 W	Ż	Talus Slope	STG.	P · B 1/5" - 2"	G.	Ċ.	Taken below sprace tree.		
STB	160W	2	Tolus Slope	S.G.	A+B 1"-3"	G,	C	Scattered timber and Ruckbrush. Endportine GON.		
55 <i>0</i> 3//7	156 N Str 10 + 00 DJ	2	North Exposive of Draw Leading west.	S.G.	B+C L"-12"	G. Ø,	C	Small Energ Buckbrich. Down Timben.		
55B 3118	LSGN Stag + POW	2	North exponence of Draw Leading	S. C.	B 6"-10"	B	M	Small Trees; Buckbrush. Down timber.		
55B 3119	156 D Shing too W.	ż	North exponence of draw heading west.	\$4.G	8- 12"	В	С	Small Trees; Buckbruch. Down timber,		
898 2130	156 N Stn 7 +00 W.	L.	Now thusest capazine of decau Leading west.	s.c.	8 14" B+C	B	М	Small frees; Buck brush, Guessy Slope		
508 2121	LELN SENG HODLU	· 7	Western Expansive of draw lending west,	S.c.	13+ c 8" - 14"	B	C	Small Trees; Buckbrush, Grassy Slope,		
STB 3122	156N 51N5 +000	2	Talus Slope	St. S.C.	₽ %*-2"	G	M	Taken on Talus hogback running to Southwest,		
578	LEG N Stay + 50 W	<i>.</i> ,	Talus Slope	TF,	3	G	C	Southern exposures slopes to South Fork of Sallus Reek,		
5 T Q 8/24	LSGN	i.	Sandy Stope	St. S. G.,	P-B	Lt.B.	C	South Fork of Sallie Conek		

COLLECTOR: Charles Thomas

DATE: There a 1996

PROJECT: 406,

AREA:

LOCATION REF. 1. 11 100++ , R.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANAL	YTICAL R	ESULTS
5.0.2	LSLN		Carry Cr		TB			South we at evenance?			
3125	Staz + 50 W	7	to South.	S. C.	4 "- 8 "	B	M	Scattered Took and		-	
\$ STR	LSGN	~	Greary Stope	0.1	B			Southerst + unosure -			
1120	Stal toow	197	to South.	5.0,	3"-8"	$\mathcal{B}$	M	Scattered Tacknice			
\$18.13	Faseline	24	Ginary Slope	0.4	B			Southwest exposures			
2129	56 + 20 N.	2	Lo South	2.C.	3'26"	B	M	Base line			
8.32	256 N		Grassy Slepe	0.0	B			Seattened Jack pine;			
3128	Stal + DO F	1. mar - 1	to Seath.	0.C.	· · · · · · · · · · · · · · · · · · ·	B	M	Southwest esposite			
5.2.3	15610		0	0.0	A +C			Small scatlened			
_3129	Stn2+006	100	Slope,	DIC	1"-3"	B	M	Jack pine,			
5.2.2	156N		Gracy open	si.c.c	ALB	~		Small scattered			
3130	Sin 3 + 60E	3	Slope	0-1 0101	1- 3"	В	C	Yocks,			
5.5.8	L Ste M		Grassy Open	0.0	В			scattered Jackpine			
3/31	S/1 4 +00E	100	Slope	2101	2"-4"	B	M	1 - 1			
5.5.6	LSUN	1	Ginassy opin	0.0	8			Scotleved Jackmine			
31.32	Str5 400E	-21	Stope	5.21	2"-4"	13	M	and for the			
SSB	13+ h.		Edge of small	0.0	B		24	Sandlered Tackours		1	
3133	57 + 60 N	<i>N</i>	GHOW SEEING SOUTH.	ore.	811-14	B	1.1	Seathered Sacrying			
2 2 2	B.L.I	X	DETTON ON SMICH	8.0	B			Grassy Slope			
3134	58 +00 N	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	draw saring Fast,		2 " - 4 "	B	M	Scattened Jackpine			
3.3.1	12.67	14	Ridge Running	SC	3	-	-	TERMAIN MAY hours			. 63
3135	59 + 00ND.				2"-4"	В.	M	passible Fault here			
3.0.2											
torn to space											

COLLECTOR: Charles BIURIE

WEET TO EAST ON LORN East to West ON LASN

AREA: 52/14 19/14 Sent 12 Sella Sent

DATE: JUNE 9 1920

#### PROJECT: 406

LOCATION REF. Lillovet 10.

SAMPLE		DRAINAGE		SOIL	HORIZON	01010	TOTUDE	DEMADINS	ANALYTICAL	RESULTS
NO.	LOCATION	SLOPE	PHYSIOGRAPHY	TYPE	& DEPTH	COLOOK	TEATORE	KEMAKIN		
550	Base line	N	Open Jockpine	C.G.	-8	Ð	A	Some light brushs		
3136	55 + 00 N		Grassy slope		4"-8"	D	6	Caucyse, Attract		
$\mathbb{C} \in \mathcal{U}$	B.L.	17	Open Jackpine	S.C.	B	B	NI	Some light brushs		
31.3.9	54 +00 N		Grassy Slope		2-3			Loveved hillside		
836	BL.		Open Jackpines	S.G.	H.C.	B	0	Some light brush; Bronen		
31-28	52 + 00 N	X	Drains Sputhicesy	5.9	1-2/2		<u> </u>	rocksunder moss and weedles.		
STB	B.L.	-	Tolus Slope; .	St. G	A+B	B	C	Beginning of Talus slope		
31.19	52+00N	3	Proins Southwess		12 -1/2					
558	152N		Open Slope; small	01.0	HTO	1+.R	NO.	Some light brushi	-	
2140	StA1 + 00 E		Scolleved rock	54.C.	1"-2"	Frib	M			
SSB	LSQN		Thick small Jackpro		B+C			Naturally Sormed Trench		
Auto	21	Se	Grosey slope.	S.C.	10"-10"	B	M	To South.		
SSA	252N	a seguration of	Gransy covered		B					
0.10		16	slope; Larger	S.G.	n""	B	C	Some light buck brush,		
3142	Stn 3 - 00E		Duen Class		"B			Swall marks anadjered		
220	LDdV	2.	Grans and Scattered	G.C.	1. 11	3	C	over hilleide.		
3143	STAN & DOF	3	Jackpine	hite and the second	1-3			and the states		
SSB	152 N.	1	Small Jackpines	CC C	12	2	M. To	Small rocks scattered "		
2144	SIN 5 + GOF	7	Grass and brush.	519101	2"-9"	Ð	C	over hillside,		
SSB	LUSN		Alder and Poplar		B	-		small scattered rocks;		
2145	SINGLOOP	K	Covened Slope.	5.C.	17"-10"	В	C	Some patches of grass		
SSE	LHEN		Thick small .		B			Small scattered rocks;		
0.00	41	1	poplar Trees.	S.G.	3"-5"	B	C	Some patches of grass,		
C. 2	149.00	- and the second	Scoutered small		P+B			Scattered Small macks.		
U.S.D.		12	Poplari Light	S.C.		BL.	M	Come noted as of mare		
31+2	Stn3 + 00.8		Scattered Small		10			Some parches of grass		
200	24814	1.1	paplars light	G.C.	0	3	M	Scorreren arras ba		
3148	StATIONE		Brash		2-4	1120		mosks and buck brush.		
558	L48N	12	Broken rock	0.0	1148	14.8	10	Taken near rock		
3199	Stol + 008	100	outerops.	2.21	1"-2"		PI	outcrops.		
558	E.L.	12	Poplar and Jackpine	0.0	5	1		Stering to set		
1150	Hr + CON	1	Scattered wasks	2.6.	2"-4"	B	M	1 cr. of 1		

COLLECTOR Charles Bush 15

AREA	New Disease	Control May	- And	C
			14	

DATE: Turie 9 , 1920

PROJECT: 406

LOCATION REF. 1. 11000 B.C.

.

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANA	LYTICAL RI	ESULTS	
NO.	Location	SLOPE		TYPE	DEPTH					1		
5.S.B.	B.L.	1	Light Brushs poplar and	5. 4.	В	B	F. to M.	Token omonget broken				
3151	49 + 00 N	L	Jackpine		2-4			Yocks.				
5.78	BL.	4	Light Brush.	TIF.	H	L£. ℃L,	F. to M.	Taken in Talus; 1				
3.58	BL		Tolus Slope:		B		(SCACEDEC)	Then helder There				
3153	51 + 00 N	$\downarrow$	Light brush.	G.C.	2"-4"	G,	C.	Tallen Delow Talbs,				
						-						
and the second s												
							1.4					
							1					
		in the second second										
		Land Mark										
	<u>au</u>											
				1								1.0

$$\begin{split} \mathcal{L} &\subset \mathbb{R} \wedge \mathcal{L} \to \mathbb{R} \text{ and } \mathcal{L} &\in \mathbb{R} \text{ for all } \\ \mathcal{L} &\in \mathbb{N} \wedge \mathbb{R} \to \mathbb{R} \text{ for all } \mathcal{L} \to \mathbb{R} \text{ for all } \mathcal{L} \end{split}$$

AREA / PO No 1999 Goots Salle Cores

COLLECTOR: Charles PINNIE

DATE: Time 10 , 1990

PROJECT: 406

LOCATION REF. 1.1100-1 B.C.

SAMPLE	LOCATION	DRAINAGE	PHYSIOCRADWY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS		ANALYI	ICAL RE	SULTS	
NO.	LOCATION	SLOPE	PHISIOGRAPHI	TYPE	DEPTH	CONSOR	TENTORE						
SSB	45210	V	Jackpine, Errs Poplar Hight bruski	S.C.	B	В	C	Token below Tolue,	۱				
3154	Stn 1 + 00 W.	1	Sloper South,		2 - 3		- MARINE A						_
55B 2185	Station and	K	Stopes South	S.G	5	B.G.	Ċ	Trees, Trees,					
578	202N	V	Slopes South.	Tet .	B	B. G.	Ċ	Taken at base of Telus slide,					
3156	Sto 3 YODW				5-10			Example racks Dear					_
598	LUZN	2	South expassive,	G, C.	2"=3"	G.B,	M	Sanjale Bjooti					
CCP.	632 N		Langer Fir and		A+3			Covered growind between					
2152	Stad + Daw	K	while pine trees. Fairly open.	S.C.	110"-3"	G,	M	To/us,					_
ST8	1.52 N		opens widge;		3	0		Taken on edge of Talue					
3/59	State + DOW	12	Some Brush.	StiG.	5"-9"	G.,	M1	stide.					
\$58	LSRN		Brushy Slope :		B	-		Fir, alder and buck brush					
3/40	Stop + BOW	4	South Exposure.	S.G	5"-10"	G. B.4.	C	on slope,					
\$78	1-52N		Bruchy Slopes		17 + B	0.01	~	Brush covered Talus	R				
31/01	54.0 + 00W	K	South exposure	S.G	1/2" - 4"	Gi Bli	C.	Slope.					
SSR	ISON.		Brushy Slopes	- 100 (g)	B	0.01		Brush covered Tolus -					
3160	SING + DRW	K	South exposure .	St. S.G.	3"-9"	6, 131.	C	Slope,					
STR	LS3 N		apen Slope;		17	A 73		Taken in MIDDLE of					
311-3	Sto 10 + ODW	12	Scuth < x/0000 re	- nete	1"	GIEL	M	Tolus slide,					
STR	1. 4. 8. 4		Open Slope;		A1 B			Taken in middle of.					
3144	Stalot ooul	2	South exposure	1.1	2"	B	C	Tellus slide					
576	LUEL		hight brush;	- 10	AAB			Taken in michelle of					
31/45	5/0 9 + 00 W	17	South expressive,	7. 6	1"-3"	G	M	Talus shde,		A CONTRACTOR			
STB	LHEN		hight brushs	0.0	n+B			Talus slide and					
2144	Stas + HON	1	South experience	5.6.	1"- 4"	G	C	Langer rocks,					
SSA	LHSAL	1	Kargen Fir's	10 4	A			Tulus stide;					
312.5	Stott tony	2	South Exposure	5.0	1"-2"	B	M	below rock bluff.	-				
SSA	LHEN		open Slopes		A-13			Taken Kolow Talus					
3.68	Staburgow	10-	Sugarth wapesnet	St. S. C.	1"-3"	G.	M	slide,	1			- la	-

2001 + 11 11 11 - 242 20057 + 12 Best - 249

AREA

DATE TIME 10. 1900

COLLECTOR: Chandles Brown

PROJECT: 406

LOCATION I

LOCATION REF.

111 1100

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	dorizon & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS	
STB	2484	1	open; light brushs	SE, S.C	516		C	Tolus Slope with		
3/69	Stn 5 + 00 W		Slopes South		2."-4"	B.G.		harger rocks,		
STO	24801	1	Thick small poplar	S.G.	A + 8		M to C	Totus Stores Larger nocks; Rocks to 8" alloweday,		
3740	Sind too W		Slopes South.		1"-3"	B.G.				
598	1.2/2N	~	roplars kight	S.C.	A+6 .	-12	M,	Slopes to South west,		
3/ 9/	81434004	-	Euch bruch,		1"-2"	+-				
SSB	2 48N	1	Poplars Light	5.6.	876	B.G.	B.G. O	Slopes to South		
31.72	Staa + 00W		Buckbrush,		o″−4″	C				
5 T.B	LHSN	Ŕ	opens Longer	T.F	19	131.	M	Tolas Slide; Sample	- N. 1	
41.23	Strit + 00W		Trees		1"			ngve to sind.		
S S B	B.L.	A -	Edge of popler	St.C.	6	Lt R	F	Slide.		
3124	49 - 0010	1	Addle of anotas		6-10					
558	Biki	Ŷ	Thicket's	S.G.	5	B	C	fight buck brush.		
3195	46 + 00 N		sourcere asper		6 -10 E + B				-	
310	73.41	1	Rock Outerops.	TIF.		Lt.G.	F	anticrops.		
3126	45 7 00 N		Thick Small		E E			Wert side of midde e		
528	Diff. 1	1	poplar and Buck	St. H.	1"-2"	BL	M	Beek out these		
<u>31912</u> 2 + g	144 + 00N		Truck Small peplar		DTB			west side of ridges		
OLD O		$\rightarrow$	Grossy Alena	S.C.	1"-11"	B,	M	Rack ourserons		
558	LUG N	7	Thick small poplars	s.c.	B	В		Fast side of ridge,		
2100	ELER LADE		Brick beinnis Gransen Stopen		511-211		M			
SSB	1.4/4/W	1	Smell poplars,	s.c.	A+6	B.BI. M		Small scartered		
3/80	StA3 + 00 E		Southern exposure,		1"- 3"		M	and setting the set		
SSR	h id id (d	M	span press	SiG.	В	вС		Bettom of dunw. Talus and rocks everywhere.		
3/8/	Stan + GOE		Southern emposare.		2"-3"		C			
· S & U	L4147 12	X.	Rock bluffs.	st.C.	P +B	-		Taken helow work bluff		
3112	Strut + OOE	20	hight brush.		1- 2%"	В.	F. 40 M.			
550	1.41 Q W	1	Thick Small	0.0	19 + G	DF: 3 .	C	Small serviced rocks		
Sec. Sec.	Jac + ROWS	ie.	South 3.	5.6.	2"-4"					
#### GEOCHEMICAL SOIL SURVEY DATA

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COLLECTOR: Charles BUNNE

were in ever 240+75N

AREA: 1. MAR AND TOTAL

DATE: June 10, 1820

4

PROJECT: 406

LOCATION REF. L. MORET. 6.0

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	PEMARKS	ANALYTICAL RESULTS
NO.	LOCATION	SLOPE	Philipockarin	TYPE	DEPTH	COLOUR	TEATORE		
558	24000		Ena papilar		2.18			Small Scotteral rocks;	
3194	SLAZ + ADWA	E.	Samer broods .	SIC	21	B	N	grossy Spors.	
STA	LAND		Eoge of bushs		R			Very little soil have.	
31.85	11- 1 × 3000	2	Should then a state.	SLI AL	T. 18	H.GI.	÷Ē.		
238	2440		Soye at build		Dire.		-	0.11	
3126	Stand + 00 ml	5	corn windge .	5.C	+ 11	B	M	South Scattered Mouns,	
STR	£ 49400		pople. Thickels		B			This area rules to coplar	
3100	STATI AND	12	Genzey slope	. S.C	5- 8."	ß	M	draws and open moldes.	
STO	NYANY		popla. Thicket's		A.B			Token Where latass Tolus,	
8128	SING + acm	12	Covered Talis,	SL. 14	1"+2"	BL.	$\widehat{\tau}$	Small samale.	
STB	Lanne		Light poplar:		A			Near large embedded	
3)29	Stab- 00W	L.	open Tolus	T.F.	Topa	B/i	C	rocks,	
558	central.		Light poplar;		月 * 13			Small sentlered macks.	
3190	SING & ROW	46	open slope,	S.C.	2"-4"	B	M		
578	1. 1. 1. 19		open slopes		R			Have little soil here.	
39.91	Strg + DOW	14	Talus stide,	St. H.	/ - 3 "	81.	F	Berry many services and the	
576	LHHN		Poplar Stopes	C d	<i>刑→</i> 2		W. J. A.	Lots of ender bruch	
3192	Ston 10 + crack	L.	Tolur elide	31.77	1"+2"	G	121, 40 % 1		
258	140+95N		South Stepes		ALB			C II and I I	
3193	514 10 × 4061		Thick Longe Fir.	S.G.	3"-5"	B	C	Small Scallered rocks	
SSB	L40+ASN	~	South day of		P 1B			a superior d'ache	
3194	30 A 2 . 2 . 5 . 5	7	Light poplar	5.4.	1-24	B	M	small scottered mochsi	
228	LHD+DSM		Large Sur 5 small		19 + 13			open slopes	
3195	Mr. L. S. may	- 24	Shipe	S.C.	1-2"	15	C	Few small rocks.	
Ser	140 + 75 M		Lawye Fresh 1	21. 2. 4	AY6			open stope's	
3196	Station a rec	2	South Stop G	Dr. S.C.	1"-3"	G	M	few small mochs.	
\$51	$\mathcal{L} \neq 0 \neq \gamma \leq R^2$		open grandy -	C+ 0	ß		-	outerop few fee ?	
4.9.2	Shirt Gard	3	Slope	SFIC	2"-1"	B	F	$_{LO} \in \pi T_{r}$	
558	140 + 15 N		abes Jaurill	C.I. M	R	11 - 5	E.	Small southered rocks,	
1.000	man S. A. March	1	Stepti	Sar U	$2 = d^{\prime\prime}$	Lt. B.	1	1	

# GEOCHEMICAL SOIL SURVEY DATA

Lucenow at The art

COLLECTOR: Charles Binat

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ATTA.

DATE: Trine 10 1920

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PROJECT:

LOCATION BIR.

- 77

SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANAL	THCAL RESU	175
					DIPTH						
5(5)3	Lupton	ing and services	Hight Grands		1. P.L.			Sector - Pres - Pres			
2/27	104 - 0042	1	South Slunt	34.16	- 3	E.E.	19	Secold Keshir	1		
6.5%	140705A/	-	Thick pupiers	St. C.	1748	01	14	Reading to and a second			
30.00	1103 10340		STUDE RULE COST		11 - 4	DD					
57	1407050		Tollis slopes	CLAS	10 × 6 .;			Accounty more bluff			
33.37	SIND + OUL	N.	Fron For Trees.	DETA. DI	2"-4"	B	1 11	Stapes South.	Junior State		marker.
556	L40+95N		Forle blues		19 + 13			Taken on moele bluffa			
1210.20	04 - A.	Z	Very steep.	St.C.	1"-2"	B	M	Near longe for stuarp.			
-2492 	FL.		Track West		A+B			Token un - ook bluff.			
dens.	40 - 20 11	Ľ.	Few Sir trees.	S.G.	$T^{\alpha}=\otimes^{\alpha}$	B	C .	Same gross; very steep.			
550	LHOTAGN	1000	ODENS		$\mathcal{B}$			Very broken up avea.			
Small	51. 14.0A.C	1	work outerops.	S.C.	3"	B	M				
STA	LHONDEN		Tolas slames		E) AB			paplar and for .			
20.05	510 5 + 805	1		S.G.	1"-3"	B	C				
SSH	140-105 N		Talue Sheer		Ate			Scattered for tores.			
6 m.	C	1	1.1	H	1"-0"	B	M		a manual soor		
ES P	L40+25N		Talue chie		11 11 15			ponday and S			
35-0	State and	1	Latra areas	H	1-2"	Ъ	M	repror unit ele.			
\$5.8	140 + 7510		Tolus slupe;		nte						
2244	Sheer and	1 Ju		0.C.	1"-2"	B	M	for Lodes.			
53.8	-741	1	The Income gendage;		DYG			ennoved work with			
2009	411 - 11 12 12	Ľ	Top of bluff.	Stis G	1= 0 12	B	M	resto tann our crops,			
9.5.A	73.1		Fir Levess grossy		B			puplaris such sufference			
0010	HELLAND	12	West side of mildge	St. S.G.	14-24	B	C				
578	B.L.		poplar slope		13			Humus cover on			
no.i	112	4	West side of ridge	SL. H	1"-3"	8/.	F	Talus slepe.	13/2 1		
-2211	1.0.9.17										
		1									

Base Station 2540 (7:35 AM) Base Station (202 5:35 PM)

0

# CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

COLLECTOR: Charles Brunne

DATE: Juste 11, 19:0

PROJECTI 406

LOCATION REF. South Fork.

AREA: Sallis Creek

SAMPLE	LOCATION	PHYSICCPAPHY	STREAM SIZE	STREAM	DIST	RIBUT	ION	COLOUR	TEXTURE	REMARKS	ANALYT	ICAL RESUL	TS
NO.	LOCATION	PHIJOGRAPHI	C. F. S.	GRADIENT	R	A	L						
5172 27-15	Bridoe Main Provet. OO	Open: Low Bush,	- 12	2.50				B	C	High, swift water; Hand to get Sample. Elevation: 5760'			
SLB	Man Branch. 1930	Opens Low Bushi	+ 4	1.5 .				B	С	Deep Swift water, Hood to Tet Somple's underground Stream.			
813	1400	Small Meadew,	+ 9	.5*				B	M	Deep and Cold's Stream Slow and Winding,			
5478	Mary Branch 1500	Smallmroduw	+ 9	,5*				$\mathcal{B}$	F	10' Below Fork, Elevation: 3800'			
S1.8	Mary Branch . 1530	Small Meadow	+ 8,5	, 5 *				$\mathcal{B}$	. F	20' obove Fork ELEVATION 5800!			
SLR	Marn Branchi 1525	Small Mendow	+ 4.5	, 5 *				$\mathcal{B}$	F	ELEVATION: 5800			
SL B	Bronch. 2100	Low Bush: Dalley clasing In:	+ 4,5	.3*				B	M.t.C.	Open Volley Bottom; Jockpines both Sides.			
51.8	Brench . 2800	Low Bush ; Wolley Clasing	+ 4 , S	1,5 *				$\mathbb{B}/,\mathbb{B}$ ,	F. to M	Open Valley Battom; Jackpines both sides:			
54B 2000	Mergerenek 3780	Low Bush's Narrow Valley	+ 4,5	2.50				DK.B.	F	Fork in Stream. Elevation: 5890			
S1/8 S5.27	Man Brench 35 au	Lew Bush ; Norrow Unlie /	+ 4.0	2.5°				В	F. to M	Lorgent Fork North Side of volley,			
54.6	1480	Lew Bush ; Norrow Velley	+ . 5	2.5*				В	C	Smallest fork South Side of valley.		-	
548 3323	Main Broach 4200	Volley Widows. Tochpine and Edges.	7 3.2	.50				Dk. B	F	Low Buckbrush; Stream Slow and Crooked,			
SLB 3224	MainsBranch. 1/900	Wide Vollay: Jackprine and Sprine.	+ 317	7.				B	F	Below Forks in Streom.			
92.8 30.55	Bianch 4920	Which Unley ; Jackpine and Spence ;	4 2.9	1.				В	C	Abour Forks; Largest Branch.		1	
518 522%	Branch H210	Wide Valley; Jockpone + Spring	4115	1.				В	C	Rhove Forks; Smalles T Branch: Elspotions: 5900'			
ACP 53	96	1. un -								and the second second second second			

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

ALECTOR: Charles BINNIE

#### Cloudy and Cool.

AREA: SALLUS CREEK

DATE: June 11 19.38

PROJECT: 406

6

LOCATION REF. South Fork.

SAMPLE	LOCATION	PHYSIOGRAPHY	STREAM SIZE	STREAM	DIS	TRIBUT	ION	COLOUR	TEXTURE	REMARKS	AN/	ALYTI	CAL R	ESULTS
NO.			C. F. S.	GRADIENT	R	A	L	*						
818 9225	19101 13100001 15600	Norrow Unlieys Spruce	+ 6	5 *				B	С	Stream has underground . Forder; Nove water than measured.		5		
\$48	M. 8,	Norrow Dolleys Spruce + Jockpine,	+ 6	5'				B	C	MAIN STREAM below Forks, Eleventions Rain				
528 528	M.3	Norrow Delleys Jockpines	(+ <sup>4</sup>	5				B	C	Largest Fork.		-		-
3229 S4.6	5765 MI.9	Nerraw Velley; Tadepines	+ 2	5 *				11.8,	F	Snallesy Fork; Comes from Swamp.				
52.50 SLB	M, 3	Norrow Volley's Jockpine.	+ 4	3 '	-			B	C	Swompy; Light Buck Brush,				
SLG	M.B.	Norrow Walleys Swampy Slot.	+ 3.5	2'				DKB	F	Buckbrush; Smoll Spruce,				
52 <i>8</i>	M. B.	Lides Flat Swemp.	+ 3	.5*				B	с	Feeder Swamps; Forks IN Stream,				-
543 \$43	M.B	Wead's East	+ 2,5	. 5`				B	C	Langest Swamp: Elevelor, 5980				
S18 9395	M.TB 7545	Wide Flat Swamp Heads South	+ .5	, 5 *				P	M.t. C.	Smollest Fork goes south. Uphill climb,				
51.6	M.B 7700	Dalley Norrews: Small spores Jackpine,	+2.1	1.5 *				$\mathcal{B}$	C	Stream about to climb; running Coster.				
54 <i>8</i> 5297	14.3 8400	Dalley Norrows. Small spruce - Jack piece .	4.2	1.5 *				B	M	Stream Murriag Sest. Electrons: 6020				
848 2288	M.B 8920	Jackprine; bery Narrow Dalley	+2	1.5"				B	F. 1. M	Below fork: very slow YUNNING Elevation: 6040				
51.6 3239	M. 3 8975	Jockpines Very Norrow Valley	+1,5 -	1.5				B	F. to 19,	Swompy, very ston running, Largest Fork,				
51.8 70.40	M.B 8975	Jackpine; very Narvow Volley From South	+.5	2.				В	F.to M	Comes through beilders from North went, Forks South.				
54B	M.B 9100	Jockprises Norres Dolley	+ 1.5	.5 *				B	C.	Starts to climb East,				
ACP 53	16													

CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

Cloudy and Cool.

AREA: Sollus Creek.

DATE: Jone 11 1900

ALECTOR: Charles BINNIE

PROJECT: 406

LOCATION REF .: South Fork

SAMPLE	LOCATION	PHYSIOGRAPHY	STREAM SIZE	STREAM	DIS	TRIBUTI	ON	COLOUR	TEXTURE	REMARKS	ANAL	YTICAL	RESULTS
NO.			C. F. S.	GRADIENT	R	A	L						
51.8	Manni Burnich, Blac	Wide Flats Spruce.	+1,2	8 °				B	C	Stream very small; Snow banks,			
SLB.	M.3	wide Stady Lange spece .	÷ /: 2	ц *		-		B	C	ground frozens Ice in Stream bed in spots.			
3343 	M.B.	Sprice \$10%	+ , 7	5.5'				B	M	ground frozen; Ice ins Stream bad in apits.			
SLB	M.B	Spruce Stat about Swamp,	÷, /	4.5'				14. 731.	F	Streom just o trickle,			
516	LEFT Fork	Norren Valley, Jackpines	+ 2	8 '				B	C	Left, fork old blaged trail follows creek.			
<u>3246</u> \$48	L.)=,	Yocky Jeckprine Hillside - Norraus	+1.5	6.				B	M.	A.J.S #32 Grange ribbon althis Point			
3242 \$48	Lif	Valley widews; Jackpine,	+ 1.5	3 '				B	C	Main Stream below Sark			
51.8	L.F.	Volley Widews; Jackpine	+1	з,				B	C	Above more fort; Hills are necky.			
SL8 3250	L.F. 6800	Dolley widents	+,5	3'				B	M	Feeder fork. Elevation: 6020			
SLB Basi	L. F 7000	Norraus Here, Jackpine.	+ , 5	1.5.				B1.	M	Bottom Edge of Swamp,			
SKB 3258	L.F. 7,700	wide Flot Swamp	+ • <b>3</b>	,5'				G. B1	F	Creek ewas in small Seeder. Flaudion: 1025	*		
518	Right Fork 4200	Namew Dolley	+.5	4				В	11	Juckpines Creek Leads South mises guickly.			
S18 2254	. R.F 4900	Spruce Dulley	+.25	9'				В	C	Valley rises sharply; Very Narrow,			
818 3055	R. 5 5606	Spruce Dalley	+, /	8'				B1.	F	Levels of here; energy a trickles runs portly inderground			
ACP 539	76												



JOHNS-MONVILLE Co. Ltd. J. Low CANADIAN GEOCHEMICAL SOIL SURVEY DATA

C. DINNIE

COLLECTOR: Charles Private

Cornery and weren

AREA: 5500' Sallus Creek

DATE: Trate 12 1920

PROJECT: 40%

LOCATION REF. Lilloget B.C.

AMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	A	NALYTI	CAL RESULTS
NO.	Start 4-000	SLOPE		ТҮРЕ	DEPTH -	COLOGN	Interest				
D)	5500'		Small Jackpine;		月十5	les inter		Taken 35' from Creek.			
56	200	10	Grany Stat.	C.H	1-5"	B. BL	I E				
ß		12	Sprice Tackpines	Contraction of the second s	p,			Sincell there is .			
5.7	- 205	~	Grassy	S.G.	1/2"-1 "2"	B	C	C.F.S 2.5			
S.E			open Tackproch		B			Gentler Stope: Small			
59	- 100	4	Grassy	S.C.	2-6"	B	F. to M	Sprace,			
15			Opens Jockprive; .		B		1	Gentle Slope's Small			
59	600	K	Grasey	5, 51,	2'-5"	B	Fto Mi	Spruce,	-		
B			open Tork pine		B			Edge of small thick			
260	200	K	Grassy Slope.	S.S4.	1-3"	B	F. F. MI.	Jackpine.			
56			Thick Jackpines		B			Some emposed rocks,			
201	1000	E	Grossy Slope	St.C.	1-2%	B	F	have been a second and the second			
ΞE		0	Thick Jockpinich	10.0	B	-		Thick Sprice Down		1	
262	1200		Grany Slope	5.C.	2-5	B	M	Timber.			
5/3		11	Lpick Lasks were	0.0	B	P		Thick Spruce's Some			
14.5	1400	K	Garagy Slope	SIC ;	1"-3"	Ð	M	expersed works,			
SE		1	Sprince and	0.11	R	1		Gressy Swamp; Tall			
0.4	1600	L.	Dawn Timber	Citta	12-13	6	M	Springer			
30		11	Thick Spruce	0	B		10	Cane owned rock.			
245	1800	1	and Jackprove	~ 1	3'-4	5	/*				
s B		11	Thick Jockpine;	SLC.	6	R	6	Some large Jackpine and			
14.60	2000		Down Timber.		1"-3	U	1	Small aproce.			
5.8		V	THER JOCK DUNE?	St. C	Б	HR	c	Sown Trabter's South			
22.7	22.00	~	Light bruch.		1-2			specific c			
SP		10	Ince Jacepines	St.C	5	D	N	Down Timber Small			
2.5	2400		hight brushi		2-4			- SEAMEL			
2.2.65		11	Jackpine Stope.	5.0	5	-1	10	inecs raider ; more		-	
26-9	36.00	0	-5 1 51		2-2		1 11				
1		10	Jackpine Slope	SL.S.	011 12	B	N	district Longer's More			
3,242	1 2 900		1		121-51	1 2	1 11	1			

# CANADIAN JOHNS-MANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA Sound and Warm

COLLECTOR: Charles BINNE

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Grony

1.9

PROJECT: 1/04

LOCATION REF. Lillaget B.C.

11

AREA: 3500' Sollas Creek

J. KIMI

June 12 1900 DATE: ANALYTICAL RESULTS HORIZON SOIL REMARKS DRAINAGE COLOUR TEXTURE AMPLE PHYSIOGRAPHY & DEPTH LOCATION TYPE SLOPE NO. Small scattered rocks. 380 Swell Thick B F SL.C 2"-6" 12 Juckpine. 2000 Small creek. R Horne, Open 2 S.G. B 500. C.F.S - 2.5. 1"-2" Sprace 3170 192 Few Scotlered rocks. Small Jackpine: NA G.SL.C. R 2 21-17-1 Ginney Slope 3400 Numerous half buried 3 Small Jacksines mocker S.G. C B 2 31-11 Grassi Stope 86.00 Numerous half buried mockey, B Small Jackpins B M St. 5, G. ; Grossy Slope. 19-24 1 2800 B Numerous holf buried rocks. Small Jack pines B M SL, S. 5"-5" 4 Guarcy Slope 4000 R Numerous hold barried Jack sine Stopes R C St. 5 G. muelesi 1"-2" 10 Move openie 4200 Numerous half burned Jockpine Slope, B C rocks Groting R GL.G.C. V MOVE SHEW 2"-5" 4400 Few Sentieved morks, B Jack Dive Glope ; 338 F Lt. B. St.C. Grossy Slepe, 0-5" V HIBNE COMPANY 4600 B Covered Hillside, Failpine Slope, B M S.C. 1 Grossyn 1"-2" 4800 Covered Hillsides -3 Jechpine Stopes B SI.C. Some alder, 12 Mi 11-5" 5000 Grassy 3201 B Jackpine Stopes Jockprine Thicket, P S4.C. M 2' 5" V. Grassy Jackprine Slopes 5200 Open Jackpines covered 3 558 F. t. M. Hill side. Stic. B 2 1"= 3" 5400 Grassy Langer Jackpines light Jackpine Slope's SL. S.C. B i-M Roush. 2"-6" Greasy 51.00 Some Spruce. Damp The Game Glaper B B St. C.

2"-1-"

F

	2			*		50			0
				GEOC	HEMICAL	SOIL SU	RVEY DI	ATA	0
COLLEC	TOR: Charles	BINNE	······································		Sover	) and w	$E \in \mathcal{V}^{1}(\mathbb{R}^{d})$	AREA: <u>J500' Salles</u>	Creek
DATE:	June 12 4	1920		PRC	DJECT: 4	0%		LOCATION REF .: 1, 1/ 00 e +	"B.C
SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS .	ANALYTICAL RESULTS
\$-\$R 2254	6000	Ł	Thick Jackpine	9.C.	₿ \$ <sup>10</sup> -4 <sup>+</sup>	Bi	M	Some resposed rocks. Money,	
5.8B 3287	6200	e	Thick Jackparve	St, S,	B 3''-4''	B	F	Some emposed rocks; Mossy	
$S \in E$	4400	E	Smell Tackpine and spring's	St. G.C.	B	···B	M	Flot open Ground	

3287	6200	ę	Thield Jackpine	St.S.	3"-6"	·B	F	Massy
55B	6400	E	Smell Tackpine and springs	St. G. C.	B 3"-8"	···B	M	Flot open Ground
358	1.5.00	Ł	Small Talkpine. and spruce f	St.S.	B. 2"-6"	B	F	Albaue Spruce Flat an bench.
516	4 6 6 6	4	Larger Tackpine	51. 2. 14	R+B 2"-2"	B. BI.	M	Above Spruce Flat on bench.
928 928	Carte .	t	Sprites and Foregoines Flat.	St.C.	B 2"-6"	B	F	Sprace Knoll above Flat,
538	7200	4	Spruce and Jacopine, Swann,	H	A 1"-3"	BI	F	Damp area.
5 5 G	7400	e	Spritt and Interprine.	SŁ, H	А / <sup>#</sup> -3*	BI.	F	Very Swampy
SL-B	5600	E	Sprice and Jackpine Swamp	S. G.	P 1'-3'	E	C	Small Creek. C.F.S. + 2.
SSE	40.00	V	Springer and Tailupines	S.I., H.	H 2" - 8"	31	F .	Swamp.
2015 2018 2014	9.000	K	Spruce and Jackpines	St. H. S.	1778 2"-5"	B.BI.	M	Edge of Swomp
56	X 3 20	w	Spinic and Incorring 1	Fl	17	- Bl.	F	Edge of Swamp.
\$50	2400	4	Edge of Swamp	G. C.	B 21-67	B	с	Just about Swamp.
100 3399	8600	1	Tackpine and Spruce.	С.н.	#18 1"-7"	B.BI.	M	At end of Swamp.



# CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

Rowy and foggy. C.B. WAVE

5500 Good Fork.

AREA: Sallas Creek

DATE TIME IN 1970

COLLECTOR: Abardes Prover

PROJECT: 406

LOCATION REF .: 1. 110001, B.C.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS	
123.0	0.6.0.0									
3300	00 00	~>	Creek battow	G,	2	3	C	Swift, Crist drops ropidly,		
STB.			Jackprine, sparses;		Э			North emposives Rock cliff.		
33.01	2.00	10	Down Timber.	S.C.	$\overline{T}^{i} = 3^{\overline{T}^{i}}$	3	M	are opposite and of corek.		
528			Jackpiner, Tpruse ;		P-73			old Burn's Mossy Lover,		
3232	4100	21	Down Timber	S.C.	1"-2"	B	M	1		
538			Spraces Thebpine		n-B			old burn. Mossy Cours.		
3363	600	$\sim$	and buck bound.	St. C .	1- 2"	B	M			
\$ 5 <u>1</u> 7			Sprace and		R-0			FL CC		
3.3.64	8.00	Z	Timber,	SL.C.	1:57"	B	M	rage of sprice.		
558			Langer spraces		19 · B					
3985	1000	->	Down Timber.	HIL.	1=23"	BI.B	M	Mossy Lovered grounds		
206			Small spruces		$\beta_{1} = \beta_{2}$			old Burn.		
3386	1200	~	very Thick,	H.C.	1"-6"	BI. B	M			
58Z			Small that spines		-6'	-		More opens ald barns		
330.2	1400	>	Some Jackprove.	SLIC,	31-8"	F	M			
S.S.B		~~~	Sprine and Shipping		<del>R</del>		-	South readyes some		
3318	1600	~	Denio Timber,	11.	1 -4 -	B1,	F	rock.		
SSB			space inconst aprilate		A-B			Down Timbers old		
3964	18:00	1	ON & Tarkpirer.	St.C.	1 -5 "	B	F	Bass.		
5 58			Thak spruce		В			Very Difficult going,		
33.10	2000	77	and Jackforde,	St. C ,	21-5"	В	M			
556			Thick spine		19 - B			Very Difficult gaing.		
3397	22.00	100	$\gamma \ll d + \overline{\mathbb{Q}}_{(1,1)}[\gamma] \approx c$	H.C.	2"-5"	B.G.	M			
S. 2 0		-	Edings - Epinier	ct C	3					
3212	2400	>	and Thelyane,	Stic.	2"-5"	B	M	More Open		
							·			
				E		and a sure of the sure of the		I see a second se		

#### GEOCHEMICAL SOIL SURVEY DATA eson. South Fork.

COLLECTOR: Chamles Browns

Sallus Creek. AREA:

DATE: There 1990

406 PROJECT

LOCATION REF. Lilloget, B.C.

SAMPLE	1001700	DRAINAGE	NUVCIOCOADUV	SOIL	HORIZON	COLOUR	TEVTIDE	DEMADIKS	ANAI	YTICAL RESULTS
NO.	LOCATION	SLOPE	PHISIOGRAPHI	TYPE	DEPTH	COLOOK	TEATORE	REMARKS		
2517	Set 50 has.		Longen Tarbpoore		$\mathbb{Q}^{k} \sim \mathbb{G}$			More opening Leas down		
3313	2600	>	and Spruck +	S.C.	268"	E	M	Timber		
SAP			Sprice and Palean		3			Prove opening less down	2 J	
2214	2.800	X	To I' Dinmeteri	StiC.	2-5	B	M	Timberi		
35B .			Spence and Balance		-8			Move open's less down .		
3315	3000	$\rightarrow$	To 1' Diameter.	S.C.	2"-6"	B	181	Timber.		
\$58		1	Sprice and		3			Move opens less down		
3316	32.00	1	Batson To 1'	S.C.	$\mathcal{X}'' = \mathcal{G}^{(B)},$	B	$[\mathcal{M}]$	Timber.		
SSB	the state of the second		Smaller Sprines		B a			L.ION. Stn. SE, old		
3519	3400	12	and Balsam.	G.C.	2"-4"	G. B	C	Greid,		
						15				
_								the second s		
										-
						-				
	Sec. Stander									
		1								
						-				
							-			
						1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.				
					VI. Contractor					
				17-95		5				
					1		1		and the second sec	

These Station Elevertans Reading	Bushus die 1	
1144	CANADIAN JOHNS- QANVILLE Co. Ltd.	
. 0	GEOCHEMICAL SOIL SURVEY DATA	
	North Fork Anto Cilla Antok	

COLLECTOR: Cha-les BINNIE

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AREA: Sollus CrEEK

DATE JUNE 10, 1990

PROJECT: 406

LOCATION REF. LILLOUET BC

SAMPLE	LOCATION	DRAINAGE	PHYSIOCRAPHY	SOIL	HORIZON	COLOUR	TEXTINE	REMARKS	AN	ALYTICAL	RESULTS	
NO.	LOCATION	SLOPE	PHISIOGRAPHI	TYPE	DEPTH	COLOGN	TEXTORE					
SSB	MIF. Sciller	11	Produce thepe , Links Brick	Ľ	A	BI.	F.	Edge of Swamp				
<u>33.18</u> \$\$.6	KF OD	4	Incoprine slopes		1 =6 F	BI.	F	Edge of Swamp				
3319 	7 0 00	E	Jockpine slopes light bruch,	H.C.	R-8 1'-3"	20% B1.	M	Edge of Swamp				
5 8 /2 0 5 8 /2 5 8 /2	9400	r	Jackpine slopes light brush.	S.G.	B 5'-5"	11.3	C	Edge of Swamp				
55R 3322	9600	4-	Jackpine slopes hight brush.	с. Н,	7-8 15"-0"	B.B/,	M	Edge of Swamp				
\$3.6 \$3.23	9 800	~	Jerpine Flaty light broot	H	A 1''-6''	B1.	F	Dry Swamp bod				
\$1978 3372.4	10,000	V	Josépine Slopes light bruch,	C.H.	1-3"	B.BI.	M	Edge of Swamp,				
858 2345	10,200	2-	Joelepine Flat. light brief.	Н	- <sup>2</sup> 1 − 2 − " 1	B/.	F	Dry Swamps hed.				
558 3826	10,400	4	Tarkprise Flats Light Bruch	G, H	A-B 1"-8"	B1.B	F.	ON Edge of Feeder Swamp.				
882 23.2.2	10,600	10	Jackprick Flots light Brick.	SL.C	161 31-011	B	F	Small Thick Jackjeine ,				
53.8° 33.38	10,600	2	Jackprove Stopes	St.C.	15 2''-4''	B	F	Larger Jackpine; More Open.				
S/%/2 33.5.7	10,800	2	Grossy Grossy	52. C,	1 - 3 "	B	F	Larger Jackpine's More Open.				
3 i B 3 3 0 0	11,000	2	Jackpine Slope; Grosey	St.G.C.	B 1"-6"	B	М	Larger Jackprines More open.				
928 3281	11 400	12	Give sty	s.c.,	0 11 11 11 11 11	B	м	Larger Jackpines More open.				
5 8 41 5	11600	1	Sectore Stepes	St.G. C.	2"-6"	B	M. 70. C .	Langer Jackprine ; More				



AINWELLE SU. LUN. A A IS IS A CAN A PART GEOCHEMICAL SOIL SURVEY DATA

#### Howk Fork

AREA: Spilling Corelt

COLLECTOR, Charles Provente

14,500

PROJECT: 2/0/

LOCATION REF. / Man. A. R.C.

DATE:	Frank 15,1	200			HODITON		1		A	ALYTI	CAL RE	SULTS
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS -				
606	11,800	Ľ	Sprice and Supports generally	St.S.C	3 0"-6"	B	M	NEar Creek				
816 916	11,900	4	Thick spruce	14	7) 2"-10"	13/,	F	Telen in smell Slew Flowing Streem.			_	
58.39 58.6	12,100	6	Jorkpine; Grasey Store,	St. C	B 24" 5"	B	M	opeo Hillside				
<u>8495</u> 848	12,900	K	Jackpive; Girry	St.C.	B 2"-5"	B	F	open Hill codes Some				
<u>3336</u> 558		V	Theter Thekpoor	G.C.	8	B	C	Small Thick Jackpine				
3332 55D	13,3.00	1	Thicker Jackpine	St.C.	B 2"-5"	B	M	Small Thick Jockpine				
3338	10,000	12	Open Jackproces	St.S.C	3	B	M	open, Some scattered		~		
9889 8822	12,900	E	Greesy Slope, Thick Tackprive	: SZ.C	B	B	M	Some Down TIMBER,				
<u>2340</u> 558	12,10.0		Concey Slope Thick Jockpowe	\$ 04.0.	2 " - H	11.6	F	Some Scottered				
<u> 21241</u> 8 5 R	18,300		Genery Stopt. Open Technice	SiG.	3	14.8	15	Some Scottered				
5-42	13,500	K	Convery Slope,		2"+ 2"			Some Senttored rock.				
<u>3142</u>	13,900	- K	Jack pines Grassy Slope open Fir and	/ S.C.	3'-6'	5		Some Scattered rock				-
33.44	13,904	K	Tackprives Grassy Stape	St.C.	2"-4" B	B	F	0 0 41 1 2 1				
53B 23HJ	14,100	K.	Taclyine & Gress) Stops	St.C.	H"-/2		M	Some Scottered Tools				
\$\$B \$\$44	14,240	1	Steep	SL.S.	1'-3"	B	IM	Some Scattered Rock	-			
53 R		1	open First	St.C.	1	B	M	Some Scattered Kock.				1



COLLECTOR: Charles Binning

, AREA: Sollis Creek

DATE: June 15 1920

PROJECT: 406

LOCATION REF. Lill DOFT. B.C.

SAMPLE	LOCATION	DRAINAGE	DHYSIOGRADHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALY	FICAL RE	SULTS	
NO.	LUCATION	SLOPE	PHISIOGRAPHI	TYPE	DEPTH	COLOON						
558 20418	Hof Sollas	12	Dectoures Greaty Slope	St.C	B 0"-6"	$\mathcal{B}$	14	Light. Brush.				
50E 50E	14 900	Ľ	Jackpines Granty Slape	H.C.	A-B 2"-5"	B1.	¢	Alder Drow				
258	15,100	2	Tackproves Gressy Stone.	St.C.	3	В	M	open Hillside,				
								-				
							÷					

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### CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA



AREA: D ANOMALY

COLLECTOR: <u>C. Binnie</u> DATE: July 8/70

PROJECT: 406

LOCATION REF. 3000' CONTOUR

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	MORIZON	COLOUR	TEXTURE	R	EMARKS		ANALY	TICAL R	ESULTS	
NO.	Location	SLOPE		TYPE	DEPTH									
D 017	600 G19" F + F L68	40°	3030	Talus	4."	BL.	Gr. Hu.	ORGANIC	Roots					
Д 0.13	00 + 50'	17	1 *	Soil TAlus	C/3"	Br.	st Gr	33	11					
D 019	00 + 100'	17	1)	n 11	Cyn :	n	р ц	с.е. Ц	ii.		1			
20	00 + 150'	11	11	μ μ	d/5"	μ	ม 17	41						
2	00 4200'	TI.	1)	11 11	¢/3"	ii.	14 13		+1					
2	00 4250'		1.	0	G/6"	11	N 4 <sup>1</sup>	11	11					
D 083	00 + 300'	17	L)	11 13	¢/3"	DK Br.	2 <sup>4</sup> 12	31	11			_		
2	4 350'	n	17	Soil	C/6"	Br	р 13	μ	11					
D 025	00 + 400'	370	3040	п	°/3''	11	0 10	. 11	Εt	12				
D	60 4450'		11	п	C+B/3"	н	и 	71	n					
P	0 0 + 500'	11	21	п	¢/6"	21	n H	n	η					
7	0 0 4 550'	-11	31	п	Byyn	ч	ST	Ĵi:	11					
P 039	0 0 1 600'	¥1	11	n	C/6"	11	ST Gr	J <sub>1</sub>	()					
2	00 + 650	360	ъ.Г	н	C/3"	1)	11							
121	+700	11	11	1.1	C/."	11	1) 11							

### CANADIAN JOHNS ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA



AREA: P ANOMALY

COLLECTOR: C. BINNIE

DATE: July 8/20

PROJECT: 406

LOCATION REF. 3000' CONTOUR

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESUL	.TS
D 032	00 +750	36°	3 050'	Soil Talus	¢/2"	1.7 13r.	ST Sd Gr.	ORGANIC Roots Offset S. To Miss Cliff		
Р 033	00 7 850	37°	3080'	11 11	C/4"	11 17	ST. Sd.Gr.	11 11 (1) (1) (1) (1) (1)		
D 034	00 +950'	400	3200'	11	C/5"	11 	н н 13			
P 035	00 + 1050	1.3	3240	5011	B/4"	Br Brey	St. Sd.	11 11 S.W. 11 11 11		
D 036	00 1200 ·	н	3270'	11	B/3"	BR	ST.			
Р 0.37	00 + 1≵50°	37°	3300'	11	C/4"	a	ST Sd GH	Top of Cliff		
P 038	00 4 1200'	11	3260	Soil TAlus	111	и	0 -0 -14	Off SET NW To CONTOUR	-	
D 039	+/300'	и	3200'	TAlus	5 "	н	и р и			
D 040	00 100121 +	11 .	3140'	u	2"	11	Sd Gr	р. 13		
2 041	STK(00)	11	3050	- 11	3"	Grey	11	Regained Contour		
										-
										-

## CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA



COLLECTOR: C. BINNIE

AREA: 3000' CONTOUR D. ANOMAL

DATE: July 13/70

project: 406

LOCATION REF. STK 1171

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE		REMARKS	 ANALY	TICAL R	ESULTS	
NO.		SLOPE		ТҮРЕ	DEPTH								
р 042	STK 1171 + 50 W.	35°	3000'	TAlus	6''	BL.	sd. Gr.	ORGANIC	Roots				
P 0.43	1171 +100	11 .	11	Soil TAlus	°/4''	Br.	51. Sd/Gr.	D	U.				
D 044	1171 +150	11	17	13 ) 1	1 <sup>10</sup> /a	11	ST. Gr.		n				
D 45	SSK	71	11	11	C/7 .	/1	n n	7,	11				
P 046	1170 450	11	11	TAlus	4"	BL.	Sd. Gt	6	11				
D 47	1175 +100	11	11	Soil TAlus	C/6"	Br.	St Gr	Ŭ 1	1.7				
D 048	1170 +150	11	11	Thlus	5 "	11	Sd Gr.	17	U.				
D 049	1170 +200	11	11	11	6"	11	1) 11	17	· 4				
D 050	1170 +250	1.1	11	1)	4"	11	n 11	17	ŤĿ.				
D 051	170 +300	1.1	ai A	Soil Talus	C/8"	BL	Gr.	11	11				
P 052	1170 +350	11	и	51 17	¢ 15"	Br	ar ex	(I	1.1			-	
P 053	1170 + 400	<i>i</i> )	л -	Soil	C/4"	11	у). Н	i (	•1				
D 054	1170 +450	11	п	П	C/6"	11	5) 11	11	vi				
D 055	1170 1500	h	11	11	B/4"	Dk Br.	St.	п	ü				
D 056	1170 4550	4	2980"	11	C/3"	Br.	St <sub>Sd</sub> Gr	. 11	n				

# CANADIAN JOHNS JANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

AREA: 3000' CONTOUR D. ANOMAL

 $\bigcirc$ 

DATE: JULY 13 170

COLLECTOR. C. BINNIE

PROJECT: 406

LOCATION REF. STK 1171

1.1				1	HODITON	0100-00-00-00-00-00-00-00-00-00-00-00-00					ANA	YTICAL R	ESULTS
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	MORIZON & DEPTH	COLOUR	TEXTURE	REM	ARKS				
D	1170 +600	35°	2970'	Talus	SUFFACE	Grey	Sd. Gr						
P	1170	11	24	Soil	C/3"	LT. Br.	$\frac{\eta}{\dot{\eta}}$	Organic	Roots				
058 D	1170	14	þ	Soil	0/5"	Br.	SK Sd. Gr.	(A) bi	9	+			
059 D	1700	i.	н	1/4/05	0/8"	LT. Br.	ST Br	7.	11				
0.60 D	+750	N	n.	Soil	C/6"	Br.	11	2.4	b.				
061 D	+ 300	11		Soil	¢/4"	13	1) 1)	ь	9				
062 D	4850	11	h	11	¢/4"	p T	tr u	14					
083	+900 1170			Soil	C/5"	II.	11 11	11	ų.				
064	+950		3000'	1	"/"	13	9	25	11				
0.65 P	4/000		11		Ċ/un	11		1+	b				
066 P	+ 1050	11			C/2"	- 11	u u	L1	H				
067	4 1100		3000		15	11	+1	h	11				
0.68	+ 1150		N	) (	///	11	11 11	11	Û.				
0.69	-1200				/11	11	13	11	11				
070	+ 1250	11			/11		ST	11	ы				
071	STK 1164	37	P	11	1/12		Sddr			1	1		1 1

## CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA



COLLECTOR: C. BINNIE

AREA: 2750 CONTOUR D" ANOMALY

DATE \_\_\_\_\_ 19 170\_

project: 406

LOCATION REF. SSK 1184

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS
P 072	0+00	360	a 800'	Soil	C/4	BR.	ST. Gr.	200' N.5° E / OrgANic of 55K 1164/ Roots	
D 073	0456 E	17	1.1	ir:	*Z.	43	и: Л	ORGANIC Roots	
D 074	D+106 "	11	9	0	"/"	1)	33 - 15	· ή,	
D	0+150 m	12	в	11	₩Z	11	- 00 - 10	.11 /1	
D	\$ 200	1.5	33	$n \downarrow$	"Z <sub>11</sub>	11	14 14	12 61	
D	+ 250 .	5.)	n	11	"/4	н	n 11	4 11	
.D	0 4 500 "	1.)	N	1)	C/8"	11	2+ 14	<u>11</u> 1+	
2	+ 350 .	n.		TAlus	6''	BL.	Sd. Gr	5 11	
D 0 88	\$ 400 H	ye. "	h	Soil Talus	C/611	Br.	и 1-1	11 (i	
581	0+450 1	3.4	4/	1 4 .1 4	1/11	11	ST. Sd.	19 (P.	
2	A 506 1	n.	h.	5011	C/4"	Grey		10 14	
10 83	2 550 11	11	н	Soil Talus	9/5"	BL	Sd. Gr	0 is	
D 0.84	0 1 600 ···	11	13	TAlus	3"	Grey	11 11		
D 085	3 650 "	h	23	11	Ð	. 11	11 13		
D 36	9700 H	11	11	51	54	Br	St. Sd.Gr.		

CANADIAN JOHNS ... ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C Binnie

LOCATION REF. SSK1164

AREA: 2750 CONTOUR "D" A NOMAly

DATE:	E. July 13/70				PROJECT: 406			LOCATION REF. <u>SSK1164</u>			
SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	AN.	ALYTICAL	RESULTS
D 087	0 + 750' EAST	370	2860'	Soil Talus	C/8	Br.	ST. Sd.	ORGANIC RAUTS			
D 88	0 1 800 E	μ	.K.4.	H. A A	C/6	ti.	й - 11 - 11	Ic. 1.			
D 089	4 850 "	19	14	ал 1)	"Za	4	16	- 1. <sup>9</sup>			
D 0.90	9 900 "	11	6	Talus	12"	h	90 90 10	<i>a</i> . 11			
D	9 950 "	u	6	Soil Talus	%"	ü	1) 3) 3]	11 II -			
29092	STK 172. 9 1000 11	42°	2840	Talus .	3"	17	и - р - ц	y 7.1			
D 093	0 + 1050 "	17	11	11	þ	11	и и И	- u u			
				1. A.							
											-
						-					
				10				*			

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## CANADIAN JOHNS ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C. BINNIE

AREA: 3500' CONTOUR D' ANOMALY

DATE: July 14 /70

PROJECT: 406

LOCATION REF. 55K1266

SAMPLE	LOCATION		PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS			ANALY	TICAL R	ESULTS	
		JEOFE			DEPTH									
D	55K 12.66	010	2500'	0.1	1.1	RE	Sel	ACC. ' D. To						
694	0 + 00	20	23.0-	2011	-15	1.01.	Gr.	OKGAMIC MODIA						
P	0450	N 9 -	14	11	C/s"	í i	ч <sub>11</sub>	n vi						
2	0,100	14		11	94"		5	· (1						
D 96	0,150	71	t)	Soil	@/5"	Dk Br	ST Gr	r, 24		1				
D97	0	1	ti -	suil	96"	Br.	St. Sd.	II. IA						
D	\$5k1265	-0	11	11	0/5	11		h 1.						
D	0 + 300	11	91	17	C/6	n	56 55 5.1	h 4						
P 101	0 4 350	11	11	Suil TAlus	J.5	0	95 14 14	93 <sup>- 1</sup> P						
D 102	0 4 400	-11	1.	15 11	1/11	1		<b>v</b> i – – – – – – – – – – – – – – – – – – –						
D 103	6 4450	11	17	13 13	Q/3"	ii.	0 9 10	ù h						
D 104	04550	37°	3530	Soil	B/4"	ч.	st. Sd.	ti <sup>11</sup>						
									4					

20

# CANADIAN JOHNS ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA



COLLECTOR: C. BINNE

AREA: 3500 CONTOUR 15". ANDMALY

DATE: JULY 14/70

PROJECT: 406

LOCATION REF. 5513 772

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANAL	YTICAL RESULTS
1107.		SLOPE		TIPE	DEPTH					
105	SSB 772	38*	3600'	Soil	C/3"	13 F.	ST Sd G.F	Organic Pasts		
D 106	772 750	4	- (t)	'n	8+5/4 "	11	0 16 10	11. 11		
D 107	772 + 100		ii.	1)	13/4 <sup>ii</sup>	RL.	st. sd.	4. 4. 14 14.		
D 103	772		41	11	C/6"	BK	ST. Sd	9 <sub>4</sub> . (j		
D 104	S55 773	4	11	Talus	2 "	Brey	G.F.	14 N		
D 110	773 450	.ee	4	11	15"	BR.	ST. Sd. Gr.			
							1			
										*

CANADIAN	JOHN	S-(	ANVILI	. E	Co.	Ltd
6506	*******					

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: U. LIM

AREA	ROADCU	T

. C. Auger . The William

DATE JULY 15

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PROJECT: 406

LOCATION REF.

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SAMPLE		DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS		ANALY	TICAL I	ESULTS	
NO.		SLOPE		TYPE	DEPTH								
R001	0+00		3400'	SOIL TALUS	с З'	LIGHT ERDWN	SAND GRIVEL	ORGANIC RIDOTS					
ROOZ	0+50				с, б'	11	11	1.					
<u>5003</u>	1+00			11	с 6'	۶.	,,	11					
R004	1+50			1,	3'		7,	17					
R005	2+00			11	с 4,		••	· //					
R006	2+50			4	11	BROWN	11	,,					
R0 <b>07</b>	3100			11	¢, 5,	"	SILT SAND GPAVEL	,					
ROOB	3450			11	¢.	* ,	~ 11	11					
୧୯୦୨	4100			1,	11	.,	1,	1,					
RDIO	4450			,.	11	11	11	1,					
Roll	0400			11	С 3'		• /	1,					
Ronz	0+50			4	C 3'		"						
FOIS	1+00			• •	с 5'	ORWSE FRAVV	1,	11					
R014	1+50				6'	EKENI	,,						
R015	2 +00			1	C S'	<b>a</b> 1	SAND GARYS :	11					

A Contraction of the second se	ىلىدە ئەككەرلىكى مەرەپلەتغانلىكى ئەتكەر بىلىغىنىدىغىنىيە بىلىغىغۇرىغى بىلىكە بىلاركى بىلىكە بىلىكە بىلىكە بىلىك ئىلىدا ئەتكەرلىكى بىلىكە بىل	<del>ۮڟڂٮڹٵڂڣڐڂڐ؋ڟۊ؞ٮڣٛ؞ٵڲ؆ؿۜڝڲۺ؞ۮٞڟ</del> ڔڡڣ	an a			
	CANADIAN	JOHNS-	ANVILL	E Co.	Ltd.	
	GEOC	HEMICAL SO	IL SURVEY	DATA		
LIM				ARE	A: ROADCUT.	

COLLECTOR: V. LIM

1. Sec. 20

EA:	ROADCUT.	

.

DATE \_\_\_\_\_ 15, 1970

project: 406

LOCATION REF.

SAMPLE NO.	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS		ANALY	TICAL F	RESULTS	
					DEPTH								
Roil	2450		2680	& TALUS	5'	FROWN	SAND SAND	DRGATIC RESTS					
R017	0 +00		2580	1.	с 4	ERCWN	SAND GRAVEL	,,					
Ro18	0 +50			1,	4	BROWN	1						
R019	1+ 00		2020	,.	C 2.	<u>'</u> 1	31	11					
											1		
	1												
				,			-						
							-						
								· · · · · · · · · · · · · · · · · · ·					
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# CANADIAN JOHNS-/ NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

TAX 1.01 17: 243



ELLECTOR. C BINNIE

AREA: UPPER GIBBS CRUTCK

DATE: JULY 2, 1970

406 PROJECT:

LOCATION REF. 58G 2671

SAMPLE NO,	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE		COLOUR	TEXTURE	REMARKS	YTICAL RI	ESULTS	
<b>E</b> ;coi	556 2071 0.tcc	38.	4500 <sup>i</sup>	Soll	C 5*	BROWN	SANID SCRAVEL	ERGANIC REDTS			
6002	2.11 C + 50	jr.	j.	17	"	• 3	11	4.1			
6003	2071		11	11	с 7"	<i>t</i> 1					
4ت2ى	2371 1450	11	17		C 5"	11	SILT SAND GRAVEZ	"			
Cars	556 2071 C roo	1,	1,	1.	77	"	"	1,	2	· •	. 41
inte	2.72 C +50	1,	"	.,	C 10''	PARK BROKN					
Sec7	272	.,		1.	。 フ"	1.	11	;•			
6028	2072 1450	38.	1.	11	с ~"	BROWN	CLAY SAND GROUCL	, t			
6009	5562273	25	"	"	С 5		SAND GRACEL				
6610	2673 0450	- 11	11	•	C 3"		CRACEL	',			
6011	2073	"	"	11	с 4″	••	SILT SALD GRAFEL	',			
6012	2:73 1+50	1,	1,	1,	1.		GRAVEL CLAY	م			
6013	SSC 2074 0100	1,	),	4	••	••	CLAY SAND CHUTVER	1,			
604	2074	1,	4	1	С 5''	1,	SARU Givtuez	١,			
6:5	2074	12	1.	11	C 3''	<b>.</b>	CLAY CRALL	"			

CANADIAN JOHNS-M\_NVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNIE

1

AREA: APPER GIBBS CREEK

DATE: JULX 2, 1970

project: 406

LOCATION REF.

AMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	AN	ALYTICAL	RESULTS	
NO.	Location	SLOPE		TYPE	DEPTH							
5016	5562074	25	4500	5014	C. 5"	DARK BROWN	ERHUEL CLAY	ORGANIC ROUTS				
5017	2175 Otsc	••	•1	11	C 4″	n	SILT SANP GRHUEZ	.,				
 8ا می	2075 0150	30	17	4	С 5″	11	15		-			
5-019	2075 1400	11	''	4	с 4"	BREWN	17	11				
:U20	2075	4	17	ų	11	*844KK	CL,4-1 GR-NEZ	4				
હ્ન્ય	5592076 0 tw	1	"	11	C .	PHA'K BALINA	CRAUE SAND CLAY	• <b>)</b> ·				
22مانى	2076	.4	17	4	¢ 4"	24	GANUEL SILT CLAY	,,				
وريسي	2074 1700	r,	1,	4	1,	• •	h	"				
6e24	2076 1+30	4	11	17	<i>(</i> 1	BRUND	SICT SMND GRHDEL	.1				
6.25	2077 atu	1.	1,	••	\$"	DARK BROWL	17	1,				
											_	
												-
					-	-						

CANADIAN JOHNS- ANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C B in Mit

8

AREA: <u>G. ANUMALY</u> LOCATION REF.: <u>5000' CONTOUR</u>

DATE July 7/70

PROJECT: 406

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RES	SULTS
NO.		SLOPE		TYPE	DEPTH					
G	SLG	350	5000'	Talus	3"	d	Scl			
026	2040			1410-2	ļ	GP.	GH			
& 027	2040	1 <sup>+</sup>	- })	£1	4"	BL.	Gr st	ORGANIC ROOTS		
8	2040	þ	υ	Soil	C/11	BR	ST	i i u i		
028	+100			TATUS	12		Gr Gr			
6 129	2040	u.	h	TAlus	2″	BL.	11 11 11	<i>i</i> 1 (1		
Ģ	STO	D	1)	TAlus	11	11	Gr.	1, 4		
030	2041			FINES	+		51			
6	2041	h	11	TAlus	6''	Gr. BL.	Sa. Gr.	11 11		
G	2041	13	11	11	3"	11	1t	11 4		
032	+100									
4 1)33	+ 150	13	13	2 .	6"		1:			
G	STB	11	11	13	5"	11	1	ORGANIC ROUTS		
G Q	2042	);		11	5″	11	ST Sd A	11 11		
1	2142				· · · · · · · · · · · · · · · · · · ·	1 T	11 II			
136	+ 100	h	11	11	6	BL.	- 11 <u>- 11</u>	11 /J		
G 037	2042 +150	n	h	Soil Talus	C/4"	DK. BR.	ST Gr.	h //		
6	STG- 2043	1 r	11	TALUS	311	LT. BR.	ST Sd Gr	11 11		
G 039	2043 750	4	11	Soil Talus	<sup>C</sup> /4	BR	ST. Gr.	11 11		
A.0	2043 4100	11	1]	11	"/"	1	11 11	1, 1,		

CANADIAN JOHNS MANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BinNie

23

AREA: G. ANOMALY

DATE: July 7/70

PROJECT: 406

LOCATION REF. 5000 CONTOUR

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS		ANALY	TICAL	ESULTS	<u> </u>
NO.		SLOPE		ТҮРЕ	DEPTH								
G	2043 +150	350	5000'	Soil Talus	C/4"	ßr.	ST. Gr.	OrgANIC ROOTS					
C D42	SSG 2044	11	)e	Soil	1.	27. Br	31 11	<b>1</b> 1 , ,					
G DHS	2044 750	11	Т. р.	11	¢/3"	Br.	1.8 2.8	и					
e DHH	2044 +100	ונ	n	Soil Talus	C/4''		74 24	n 11					
G 045	2044 +150	IJ		31 11	10	11	در د ا	21 21	, ,			   	
G	ST& a045	יו	<i>I</i> X	TAlus	4''	BL.	1) /1	11 11					
6	2045 +50	11	11	<b>)</b> I	2"	BR.	**	11 12					
G 548	2045 +100	11	<b>*</b>	η	5″	Dk. Br.	18 7 1	0 ij					
6	2045 +150	11	1)	11	4"	33 7 9	12 11	نا الر					
6	STG 2046	32°	μ	Soil Talus	C/6"	Br.	5d. ST. B+	41 IL					
G	2046 +50	11	17	Soil	C/4"	11		11					
G	2046 +100	11	11	11	<sup>21</sup> /n	**	स भ भ	** 14					
6	2046 + 150	<i>p</i>	11	<i>  </i>	C/3"	11	0 11 11	н "					
6.	SSG 2047	0	ii	1f	"/4	ħ	1) 11 13	<i>11</i>					
0.55	2047 750	11	11	-11	"/11	11	11 11 11	<i>II</i> II					

CANADIAN	JOHNS-MANVILLE Co. Ltd.	•

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNIE

0

AREA: <u>G</u><u>ANOMALY</u>

DATE July 7 /70

PROJECT: 406

LOCATION REF. 5000' CONTOUL

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON	COLOUR	TEXTURE	REM	ARKS		ANALI	TICAL R	ESULTS	1
<u> </u>					DEPTH									ļ
G	2047	32	5000'	Soil	C/4"	Br	ST 3d	OFA ANIC	Poots					
056	Ŧ /00	~		TAUS			Gr				<u> </u>		<u> </u>	<u> </u>
G	2048	,,	μ	Soil		Dk	Sd.	11	11					
057	+150					Br	04.						└	
G	556	11	p -	11	C/2"	B.		16	11					
058	2070						<i>*</i> 1							
G	2048	77	` н	Soil	C/4'	31		ч	11					
059	750			TATUS				+				·		
G	2040	"	11		C/_		58	21	<i>F</i> t					
360	7700		······		1 2		11							<u> </u>
G	2048	11	11	11	1	11	51.	n	11					
061	+ 150			<u> </u>							+			
1 3	520	11	11		1	i i i		11	24					
032	2044						57							
5	2049	11	11	5011	Clark	17	Sel	Ĵi.	71					
1063_	30						Gr	+						
Gr Gr	2049	11	11	11	C/3"	н	11	11	17			1		
064	+/00			Gail		<u> </u>	- 11 - 12			+	<u> </u>			
G	2049	11	14	5011	1.		15	•,						
065	+150			1.1105							┼		┟╌──┤	+
9	300	17	2 F		1.	P	A.1	11	D		ļ	l		
066	2050			11		Dh	ST							<u>├</u> ──┦
G	+ 50	11	11		1 2."		G	11	14			e e		
$\frac{2.67}{2}$	2050		 	Soil	C	NA.	12							
11.18	+100	"	h		3"	Br	Sd Gr	11	11					
G	8050			11	C / "	Lr.	11					1		
	+150	11	11		14	Br.	11							
2	1556	1/		11	Chin	r	11		()					
27A	2051		11		1	L LÈ	11			l	1			

CANADIAN JOHNS LANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNIE

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AREA: <u>G ANOMALY</u>

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DATE: July 7/70

PROJECT: 406

LOCATION REF. 5000' CONTOUR

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	RE/	MARKS	 ANALY	TICAL R	ESULTS	
NO.		SLOPE		TYPE	DEPTH								
G	2051	35°	5000'	Soil	<sup>C</sup> /3"	Br.	ST ar.	ORGAN	ic Roots				
G	2051	11	1)	11	C/."	pk. Bh	11	11	11				
6 G	2051	35°	11	/3	"/"	ßr.	h		· • •				
G	55G 2052	"	11	Soil	11/11	++	11	ie .	s#	 		   	·
<u>974</u> G	2052	11	1)	Soil	C/3"	11	ST Sd	h	• 1				
675 G-	2052	11		Soil		Dk. Br.		41	4				
<u>576</u> G	2052	л	1)	Soil	C14"	11	ST Gr.	li li	11				
6- G-	\$5G	н	11	11	11 /u	Br		L.	11				
<u>078</u> G	2053	<i>n</i>	Ъ	11	11	+1	11 	11	11				
<u> </u>	2053	))	р	11	C/3"	Dk. Br.	n + 1	11	]7				
6 6	2053	1)		11	11 /11	Br	14 #3	34	53				
G	55G 2054	1]	13	Soil Talus		- 11	()  }	31	19				
					-								
							-	5					

CANADIAN JOHNS-/ NVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

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COLLECTOR: C. BINNIE

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AREA: G. ANOMALY

DATE \_\_\_\_\_ 9/70\_\_\_\_

project: 406

LOCATION REF. 5500 CONTOUL

SAMPLE	LOCATION		PHYSIOGRAPHY	SOIL	HORIZON &	COLOUR	TEXTURE	REMA	RKS		ANALY	TICAL R	ESULTS	
NO.		SLOPE		1175	DEPTH		ļ							
G	2140	270	5420'	Soil Tu	C/ul	Grey	ST. Sd.	ORGANIC	Roots					ļ
//3	4 800	122	5.960	TATUS	/ 7 		Gr CT			-				,
Q- 1/4	2140	11	17	1,	C/2"	11	Gr	14	11				:	
4-	ST& 2139	11	17	h 17	C/3"	71	ST Sel Gr	ie	1,					
Q.	2139	11	11	н 17	C/2"	11	st Gr	11	li -					
A-	R139 7/20	11	1,	. h.	C <sub>15</sub> "	BR.	34 1	17	4,					
<u>A</u> 118	2139 + 150	25°	1.	soil	°/3"	71	CIAY Gr.	11	**					
<u> </u>	STG 2138	11	1.	Soil	C/4"	11	ST Sd Gr		14					
	2138	11	17	Soil Talus	A/1"	BL J Bt	Hu. Clay		<sup>1</sup> 1					
d lai	2138	1,		Soil	C/3"	BR	Clay ST. Gr	1.4	<i>! •</i>					
G- /2 2	2138 +150	11	21	11	°/4″	21	Chy Gr.	11	; ;					
G 123	SSG 2/37		ş.,	Soil Talus	¢′,"	2 J	ST. Sd. GK	F 4	١į					
12 4	2137 450	11	, <b>!</b>	Soil	° /5"	BL	st Gr	. §	•1					
<u>,</u> , , , , ,	2137	, *	11	Soil Taluc	"In	Grey	11 11	л	st.					
G- 124	8/37 1/50	, t	F <b>6</b>	Soil	¢/3"	Br	ST Sd Gr.	1)	24					
G- 127	556	56°	5500'	11	4/3"	h	ST. Gr.	11	11					

ACF 5343

CANADIAN JOHNS- ANVILLE Co. Ltd. GEOCHEMICAL SOIL SURVEY DATA

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COLLECTOR: C BINNIE

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G. ANOMALY AREA:

DATE:

July 9/70

PROJECT: 400

LOCATION REF. 5500 CONTOUR

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS		ANALYTICAL RESULTS				
											1			
- 083	STG- 2147	380	5490	Talus	4"	Grev +Bh	sd Gr	Organic Root	s					
G - 224	2147 +50	μ	74	<b>}</b> 1	71	Grey	11	h - h				-		
6 - 1085	2147 +100	11	11	11	5 "	BR.	ST Sd GA	ir is						
G - 085	2147+150	л	11	11	11	21	ST Gr	÷4 17						
- 037	STG 2146	11	1,	11	Li	11	ST. sd. Gn	ş1 li						
1 G 1 - 088	2146 450	л	17	TAlus Fines	11	Grey	5 d G=							
- 089	2146	]1	1,	) <b>1</b> (	ju -	//	))  }							
1 G	2146 +150	h	11	TAlus	4"	11	Clay Sd Gr	21 11	, , , , , , , , , , , , , , , , , , , ,					
G 9 041	STG 2145	F)	¥1	n	6''		ST SJ GH	<u>,</u> , ,, ,,						
G G 2 D 92	2145 +50	1)	11	h	11	,,	17 11 11	,, ,,						
3 G 2 093	2145 +100	н	5420'	<i>µ</i>	11	11	24 27 23	<b>3.4</b> P				•		<u>-</u>
2 G 2 D94	2145 + 150	36°	5460'	13	4"	BL.	n - () 	J. i						
2 0 95	55G 2144	34°	+7	Soil Talus	C/4	Br	ST Sd <u>Gravel</u>	31	•					
- <del>6</del> 2 096	2144 +50	11	11	1 }}	5/6	Grey	6 8 2 6 2 3	17	lı					
G - 097	8144 4100	11	11	11 11	C/3	11	11 11 11	**	<b>31</b>					i

CANADIAN JOHNS JANVILLE Co. Ltd.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR: C BINNIE

G ANOMALY AREA:

DATE: July 9/70

PROJECT: 406

LOCATION REF. 5500' Contour

SAMPLE	LOCATION	DRAINAGE	PHYSIOGRAPHY	SOIL	HORIZON	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
NO.		SLOPE		TYPE	DEPTH							
ß	2144	2110	5111		1	8.	GT	a Realize Parts				
048	+150	54-	2400	501/	C/2"	Dr.	50	OKGANIC HIBIS				
099	STG 2143	32°	4	Soil Talus	C/2.5"	BL BL.	Hu Gr.	11 11				
4 100	2143	4	j)	11	B/2"	BL.	St G	- II II				
B	2143		//	Soj /	B+4/3"	11	នា អប	11 11				
<u>161</u> Ø	2143			41	5/2"	Grey, B:	GT GT	R u				
102	+150				ABK/	. 15 <b>n</b>	11					
G 103	8TG 2142	p	/)	11	5"	Br	н	lı <i>ş</i> ,				
G 104	2142 450	11	1.	<b>,</b>	B/C/3/1	Grey Br	57. 94.	h y				
G	2142		ر ا	)1	C/2"	11 11	ST 9"	h ie				
05 	2142		/'	Talus	SUXFACE	grey	st sd Gr	h 11				
- <u>106</u> G-	STG		} )	11	5"	BL	sd. Gr.	) 1 1				
- 107 - G-	2141	<i>"</i>	) i	Talus	4"	BL	tr 12	i, i,				
  	2141	0	17	Soil	C 15'	Br.	N 11	11 17				
6	2141	- ()	<u>)</u> )	Soil	C/3"	BL. + Br.	1) 1)	17 11				
- <u></u> G	STG	1 <i>f</i>	21	1 <u>A105</u>	11	Grey	- <del>))</del>  )	41 E\$				
<u>     </u>   G+      2	2140 2140 450	17	5420'	Soil	A+B/ /3"	B+	ST. Hu.	1 <i>e</i> 11				

#### APPENDIX IV

#### DATA STATISTICS

#### CUMULATIVE FREQUENCY DISTRIBUTION












Cumulative Frequency Distribution (lognormal population) By C.P. Lin - April 1971



APPENDIX V DIAMOND DRILLING RECOPD AND SECTIONS



Cumulative Frequency Distribution (lognormal population)



Cumulative Frequency Distribution (lognormal population) By C.P. Lin - April 1971







SALLUS CR. PROJ. HOLE NO. SA - 70 - 3 DRILL SECTION D . 200 5300 5300' D.D.H. SA-70-3 LOOKING , NORTH EAST 5200 \$200' 5100' 5100 ROCK TYPE . . . DYKE - IGNEOUS INTRUSION Limestone Argitite <u>500</u>0 5000' Disconingto Are to flates 1.1 Catal Wig Carle. Le ore is at 325' Dert was staining to freekows of Oto Unix at 340th and 344.6th. on orange staining at 354.6 that 362 th 4900 4900' PROJ. 4.06 \* \*\*\* te y tey - a ve a 1, 1931 SCALE : 1" : 50' : JAN. 15, 1911 DATE LOGGED BY : C. I. CHOI Added by the state of the state and a los and and a second state of the second second

### Diamond Drill Record

NAME OF PROPERTY \_\_\_\_\_\_\_ SALLUS CREEK PROJ. 406

HOLE NO. 54-70-2 LENGTH \_\_\_\_\_ LOCATION \_30' NOO'E from AC-242

a . .

AZIMUTH DIP AZIMUTH FOOTAGE DIP FOOTAGE

HOLE NO. 54-70-2 SHEET NO. 2-1

.

REMARKS

LOGGED BY <u>C. 1. choi</u>

ELEVATION <u>5300'</u> AZIMUTH <u>North</u> DIP <u>54'</u>

LATITUDE <u>121° 47' 50' 48'</u> DEPARTURE \_\_\_\_\_

AGE		Ro	ck Unit	SAMP	LECO	<u>ORE]</u>		A	. 5 5 A 1	
то	DESCRIPTION	NO.	SULPH	FROM	FOOTAGE TO	TOTAL	?%	%	OZ/TON	oz/t
41'	No Core									
	NX & BX CASING.									
45'	Laminated Crystalline Limostone white & Grouph black fine groined wall developed Lamination partly Corburated	5A2-01		41'	50'					
	stained Light brown on points.	<i>" 02</i>		50'	60'					
76'	massive Coystalline Linestone	. 03		60	70 80					
	fine to medium provinsed. Carbon on jointe. "In" calcite Vain along the juinte.	. 05		80'	90'					
118'	Carbonstand Crystalline Limestone	* 06		90'	100'		and a second			
	Medium grained, while 5 (mysts black faminated. Continues Laminations, 8 distinctive Classager, Sugary Crystal.	·· 07		100'	110'					
120'	Steined Light brown on juinte. Guarge.	" 08		110'	120'					
	stained Lack brown & buff . Altered lime & Chay.			120'	, 30					
136'	Carbonated Arg: 11:10	• 11		140'	150					
	Park (romy to Grayst block, fire grained. Slaty cleavage, fill the sacrossing throad calcita veins is crystals in joints is fractures.	* 12		150	160'					
	Reddish breas alterations in faints. blocky and braken Care.	" 13		160'	170'					
148'	Graphitic Argillite Gragish black, fine grained, stained brown and Light brown in family. minor Carbon on joints. Slety Claovage.		4-5 %	170'	180					
	A G E TO 41' 45' 76' 118' 120' 136' 148'	A G E TO DESCRIPTION Al' No Core No \$ \$\$ CASING. AS' Lawinelad Crystattine Linestone whith & Gaystattine Linestone whith & Gaystattine Linestone whith & Gaystattine Linestone fine to mation genined. Lawinelad attention between whith & Gaysta black discretions lawineline. Caston on joint. No calcut this day the joint. 18' Contracted Crystattine Linestone Reliven genined. whith & Gaystat. Solutions Lawineton. a distinctive Charger. Supery Crystat. Strined Light bown on juick. 120' Guarge. Schined Light bown on juick. 136' Corboarded Registith Desk Gray to Grapid black fire genined. Staty Charage. fill the secondary thread calcut verse is crystate in first & fractore. Redivis Bown alleration in first. blacky and broken Cree. 148' Grapistic Argistith Grapistic Argistith	A G E DESCRIPTION R.   TO No. No.   41' No Core Standa   41' Standa Core   41' Standa Standa   42' Standa Standa   42' Standa Standa   43' Standa Standa   44' Standa Standa   45' Standa Standa   45' Standa <td>AGE DESCRIPTION Rest unit   TO No. 540000   21' No. Cost No. 540000   25' Lowinshid Crystalline Linestone walt developed Lowinshim. partly Costandid   26' Massive Crystalline Linestone No. 540000   26' Massive Crystalline Linestone No. 5400000   27 Costandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 5400000   29' Corbandad Crystalline Linestone No. 5400000   20' Corbandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 54000000   29' Shinad Chegethite Shinad Costalline Linestone</td> <td>AGE DESCRIPTION Reference   TO NO. SUBSTITE NO. SUBSTITE   AI' No. Construction No. SUBSTITE   AI' No. Construction No. SUBSTITE   AI' No. Substite FROM   AI' No. Substite Substite   AI' Substite Substite   AI' Substite Substite   AI' Substite Substite   Substite Contract Substite   Substite Contract Substite   Substite Contract Substite   Substite Contract Substite   Substite Substite Substite   Substite Substite Substite   Substite Substite Substit   Substite Substite</td> <td>A G E DESCRIPTION Reference   TO NO. Subject FROM TO   Al' Arite &amp; SX CASING. Al' SO'   Al' Arite &amp; SX CASING. Al' SO'   Al' Soired Graph &amp; Education world doubyed Laminshim. publy Cabinals - 22   Shined Light &amp; Encodient graph &amp; Education - 22 SO'   Arite Graph &amp; Education Carbon and all encodient - 26 SO'   Arite Carbon and Crystalline Lineather - 26 SO' 80'   Arite Carbon and Crystalline Lineather - 26 SO' 80'   Arite Carbon and Crystalline Lineather - 26 Arite 80'   Arite Carbon and Crystalline Lineather - 27 100' 100'   Arite Carbon and Crystalline Lineather - 27 100'</td> <td>AGE   DESCRIPTION   Reck unit S donate to COTAGE     TO   NO. Support FROM   TO   TO     AI'   No. Support FROM   TO   TO     AI'   No. Support From FOOTAGE   No. Support From FOOTAGE     AI'   No. Support From FootAge   AI'   SO'     AI'   No. Support From FootAge   AI'   SO'     AI'   No. Support FootAge   AI'   SO'     AI'   No. Support FootAge   AI'   SO'     AI'   So'   AI'   SO'     AI'   So'   AI'   So'     Support FootAge   AI'   So'   AI'     Support FootAge   AI'   So'   Go'     TO   TO   TO   TO   TO     Support FootAge   AI'   So'   Go'   Support     Support FootAge   AI'   So'   So'   S</td> <td><math display="block">\frac{A  G  E}{T3} = B  B  C  C  C  O  B  C  C  C  O  B  C  C  C  O  B  C  C  C  O  B  C  C  C  C  C  C  C  C  C</math></td> <td>AGE   DESCRIPTION   Recently of <math>200 \text{ M}^{-1}</math> (COBE)   No.     TO   NO.   Source Constrained   Source Constrained   Source Constrained Constone Constrained Constrain</td> <td>AGE   DESCRIPTION   Reference (CORE)   No.     10   No.   Reference (CORE)   3   %   02/10%     21'   No.   Reference (CORE)   3   %   02/10%     21'   No.   Reference (CORE)   3   %   02/10%     21'   No.   General Corport   State (Corport)   3   %   02/10%     24'   No.   State (Corport)   State (Corport)   3   %   02/10%     25'   Lowinshit (Corport)   State (Corport)   State (Corport)   3   %   02/10%     26'   models (Corport)   State (Corport)   State (Corport)   State (Corport)   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   &lt;</td>	AGE DESCRIPTION Rest unit   TO No. 540000   21' No. Cost No. 540000   25' Lowinshid Crystalline Linestone walt developed Lowinshim. partly Costandid   26' Massive Crystalline Linestone No. 540000   26' Massive Crystalline Linestone No. 5400000   27 Costandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 5400000   29' Corbandad Crystalline Linestone No. 5400000   20' Corbandad Crystalline Linestone No. 5400000   28' Corbandad Crystalline Linestone No. 54000000   29' Shinad Chegethite Shinad Costalline Linestone	AGE DESCRIPTION Reference   TO NO. SUBSTITE NO. SUBSTITE   AI' No. Construction No. SUBSTITE   AI' No. Construction No. SUBSTITE   AI' No. Substite FROM   AI' No. Substite Substite   AI' Substite Substite   AI' Substite Substite   AI' Substite Substite   Substite Contract Substite   Substite Contract Substite   Substite Contract Substite   Substite Contract Substite   Substite Substite Substite   Substite Substite Substite   Substite Substite Substit   Substite Substite	A G E DESCRIPTION Reference   TO NO. Subject FROM TO   Al' Arite & SX CASING. Al' SO'   Al' Arite & SX CASING. Al' SO'   Al' Soired Graph & Education world doubyed Laminshim. publy Cabinals - 22   Shined Light & Encodient graph & Education - 22 SO'   Arite Graph & Education Carbon and all encodient - 26 SO'   Arite Carbon and Crystalline Lineather - 26 SO' 80'   Arite Carbon and Crystalline Lineather - 26 SO' 80'   Arite Carbon and Crystalline Lineather - 26 Arite 80'   Arite Carbon and Crystalline Lineather - 27 100' 100'   Arite Carbon and Crystalline Lineather - 27 100'	AGE   DESCRIPTION   Reck unit S donate to COTAGE     TO   NO. Support FROM   TO   TO     AI'   No. Support FROM   TO   TO     AI'   No. Support From FOOTAGE   No. Support From FOOTAGE     AI'   No. Support From FootAge   AI'   SO'     AI'   No. Support From FootAge   AI'   SO'     AI'   No. Support FootAge   AI'   SO'     AI'   No. Support FootAge   AI'   SO'     AI'   So'   AI'   SO'     AI'   So'   AI'   So'     Support FootAge   AI'   So'   AI'     Support FootAge   AI'   So'   Go'     TO   TO   TO   TO   TO     Support FootAge   AI'   So'   Go'   Support     Support FootAge   AI'   So'   So'   S	$\frac{A  G  E}{T3} = B  B  C  C  C  O  B  C  C  C  O  B  C  C  C  O  B  C  C  C  O  B  C  C  C  C  C  C  C  C  C$	AGE   DESCRIPTION   Recently of $200 \text{ M}^{-1}$ (COBE)   No.     TO   NO.   Source Constrained   Source Constrained   Source Constrained Constone Constrained Constrain	AGE   DESCRIPTION   Reference (CORE)   No.     10   No.   Reference (CORE)   3   %   02/10%     21'   No.   Reference (CORE)   3   %   02/10%     21'   No.   Reference (CORE)   3   %   02/10%     21'   No.   General Corport   State (Corport)   3   %   02/10%     24'   No.   State (Corport)   State (Corport)   3   %   02/10%     25'   Lowinshit (Corport)   State (Corport)   State (Corport)   3   %   02/10%     26'   models (Corport)   State (Corport)   State (Corport)   State (Corport)   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   %   <

### diamond drill record

STARTE	-Air	23 <sup>th</sup> , 1976 FINISHED 1976				<u> </u>				A S S	AYS
F O O FROM	T A G E TO	DESCRIPTION			NO. SULF	FROM	FOOTAGI TO	E TOTAL 14914 Sc.	36 76	% oz/*	TON OZ/TO
182	222'	Corbonated Argittite		5	12	180'	140	Core			
		Dark grey to Greyist black. fine grained. partly gua	utzitie		-16	190'	200				
-		and Crystals in joints and fractures.	leite Ve	בשיר	-17	200'	210				
		Yellow alteration staining on the fores of fints and	dark Cleave	ie.e	-18	210'	600	"			
		Arson pyrite througent the Core.	minu		-14	200	230	4			
202	233	Argillitas			As - 7	178	1.58	' sludg	<		
		Dark gray, fine grained. slightly laminuted.			-8	188	198	1 4			
		Blacky and broken cure. Some Carbon and fina Calcite crystula fill on junts and fracture for		-	-9	193	200	p' "			
		miner rust alteration - brown to reddish brown									

## \_\_\_ DIAMOND DRILL RECORD

s

-	DI /A		)nd Brill Regord					······	HOLE	NO SA-	76 - 3 St	EET NO.	3.1
N	IAME OF	- PROPE	RTY SALLUS CREEK PROL 406 FOOTAGE E	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	REMA	RKS			
н	IOLE NO	. <u>SE-</u>	-70-3 LENGTH 0' 7	'c'	11:45 21								
L	OC A T 101	N <u>30</u>	1000 to from st. 110-242					<b> </b>					
L.	ATITUD	E <u>/.2/~4/4</u>	262' AZIMUTH $N45'$ W DIP <u>ZC</u>						1.0000		~ /	chei	
ь 9	TARTED	<u> </u>	2 / 9 25 FINISHED										
F					C.	SAM	PLE			,	A S S A	YS	,
ŀ			DESCRIPTION	N	o. sul P	H FROM	FOOT	GE TOTAL	- 36	%	OZ/TON	OZ/TON	
╞	FROM	- 10											
	D'	, <del>,</del> , '	All and an Course										
	×,	.,											
88	17'	12	Considered Couch they live town	5/	3 -01	17'	20						
911-9	· •		fine to medium invited. with white and dank grey tomination	"									
Ш. М			wait developed tomination. Sugary Crystals		-02	20'	. 30	5°					
			Highly wasthered and decomposed. blocky and broken care	11.	-03	30'	4	2 <sup>4</sup>					
	:		Stained reddish brown and biff - Carbonstad antire length	4			5	<i>n</i> '					
	22'	27'	Weathared wasty Aplito		- 04	4.6						1	
			Highly weathered, oxidized and decomposed. madium to Coarse	"	-05	50	6	c'					
			frinad. Light greyish brown to dark brown.										
			iros staining as the faces of fracturer. K- Faltspar - Ractin		-00	60'	7	o'					
			Stand reddith Brown on fractures,										
	27'	4.2'	Lanianted Crystalline Limestorie	<i>"</i> ,	-07	70	b						
			fire to medium grained, milley while and Corrych block lario	// <b>.</b> .		80	0	<i>n</i> '					
			Sugary Crystels. Oxidized and decomposed blocky and mussive	۶   (	-08	30	Í	· .					
			Carte Continuous lamin-tion. statued gellow she brown on the										
ĥ			faces of fourture and print. Silicified and altered between	~									
лте			41' and A3'										
			River pyrites are coaled on the faces of fracture at the										
NDGE			ctep 14 of 41.5 fait.										
ANGR	4.2'	50'	Weathered Rusty Aplite										
Ľ			Meeting to coase ground, milly gray to grayest braces										
			Trying Oxidized and decompessed.						I		1		

# Aiamond Brill Record

ØIA			FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH	HOLE 1	NO. <u>5A-</u>	<u>///}</u> shi	еет no. <u>2</u>	<u>-2</u>
NAME O HOLE NO LOCATIO LATITUD ELEVATI	F PROPE D. <u>SA</u> N <u>30</u> E <u>21°47</u> ON <u>5</u>	$\frac{2572623}{270-3} \text{ Length} $	<i>c'</i>	76	16 45 - 45				R EM AI	RK5	<u> </u>	Cho;	
STARTED	<u> </u>	7, 1970 FINISHED		<u> </u>	· · · · · · · · · · · · · · · · · · ·				<del></del>	<u></u>		<u> </u>	<u></u>
FOOT	TAGE	DESCRIPTION			NO. SULP	SAM		AGE TOTAL	- %	76	OZ/TON	OZ/TON	
50'	6.8'	Kactinized K-Feldspar Stained reddish bries and dark brien, blocky a Cole, Irea and sulfides staining on the faces of fraction Crystalline Linestone fine grained. matty white and grayish black lamin discontinues lamination Oxidized and decomposed. Partly silicified and Carbondad, Anddish brien SI on the Surfaces and fractures. massive and briken	rud bucke end fair. Sins he sering care ,										
11ED,	115	fine grained on they white and pregish black, discontinues temination, partly sugary crystale. entire length, distinctive characyes, minor stain blocky and broken Core. Resolutes and broken Core. fractures and surprise. Is and colorite very at 81' Lanipated Crystalline Linnestone. fine to madian grained. Oxidized and Conternated	carbonit ng m so fuces of	and infaces									
LANGRIDGE LIN		Brithy white and dark gray, will developed Continue Sugary Crystals. Yellowish brown & prover staining and surface. Blacky Care & historican Je" wide coldite Upin at 104 part.	on the fi	actives									

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### AMOND DRILL RECORD

HOLE NO. \_\_\_\_\_\_ LENGTH \_\_\_\_\_

NAME OF PROPERTY \_\_\_\_\_\_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
	<u> </u>			I	L

HOLE NO. 54 - 70-2 SHEET NO. 2-2

REMARKS \_\_\_\_

LOCATION 30 Nove from AC-242 LATITUDE <u>121° 47' 50' 48'</u> DEPARTURE \_\_\_\_\_ ELEVATION 5300 AZIMUTH North DIP 54° LOGGED BY C. 1. Choi STARTED \_\_\_\_\_\_ FINISHED \_\_\_\_\_ ASSAYS SAMPLE FOOTAGE DESCRIPTION FOOTAGE OZ/TON OZ/TON 22 % NO. SULPH FROM TO TOTAL FROM то Laminated Argillite 182' 148' white & Dark Gray fine grained Carbon & Calcita Crystal on joints and fractures. stained Light brown and Reddish brown on priols. Continues Lamintion. distinctive channesse. 152'- 153' a miner amount of disarinated pyrite & Arsen pyrite 162' - 170' mine pyrite 170' - 180' Considerable amounts of disseminated pyrite & Arsen, pyrite Approximately 4-5% Sulfides (?)

### SAMOND DRILL RECORD

NAME OF HOLE NO	= PROPE	ERTY <u>SALLES CREEK PROLACE</u> <u>Vers</u> LENGTH	E DIP A	ZIMUTH	FOOTAGE	DIP /		REMA	IO. 2022	SH	EET NO	
ELEVATION STARTED	DN <u>.</u> <u>Ne</u>	SEPARTORE     DIP     ZE       SEPARTORE     DIP     ZE       2     SEPARTORE     DIP     ZE		,				LOGGE	о вү	¢.•7.	de.	
FOOT	AGE			C.	SAMF	PLE			,	SSA'	YS	
FROM	то	DESCRIPTION	NC	. SUL PI	FROM	FOOTAG TO	E TOTAL	- %	%	OZ/TON	OZ/TON	
11.ª'	,3/'	Rusty altered Linestone Gray to Dock to an and half fine ground Highly existent and decomposed. Colork cogstals on the faces of fire Highly existent and decomposed. Colork cogstals on the faces of fire	Jures SA3-	ej	90'	100'	2	Je -				
131'	1351	Argittites fine ground. Gray to grayish black. Highly esidiged and partly	-/	c	100'	110'						
		decoupond. Marty and broken are Thread Carbon wains ( stock work?) and sulfides staining along the freehous and hedding planes.	-	1.2	120'	130						
135	7431	Ary. 11. tes silt, sand, Graveli and some blocky core.	9-1 13-1	13 14	130'	140						
ų. Ta		fine grained Greysh black. party sheared and carbon shear jone (?) Thread Carbon veins on the faces of forchares.		2 1	150'	.60						
743	161	fine grained . Dark Gray massive and blocky core Oxidized and attack staty tecture										
		Flored Carbone Voine associated with sulfite staining along the foreboose and withing places you" to it interche Redition brown string along the stockward. (Carbon)										

			ND BRILL RECORD							NO S	A-70	- 3_ сне	ET NO.	3.4
					ZIMUTH	FOOTAGE	DIP	AZIMUTH	REM	ARKS				
	NAME O	F PROPER	TY SALLUS CREEK THEL ACC	105	10 16 19					4.0.0	<u></u>			
	HOLE NO	5. <u>SA-</u> A	NECE from st. Ac-242		1 4 5 00			T	4					
	LOCATIO	N <u></u>	DEPARTURE				ļ	<u> </u>	4			~ , ,	Chal	
	ELEVATI	ON	2.60 AZIMUTH AZIMUTH DIP		<u> </u>	<u>  </u>	l	<u> </u>		GED BY	Y <u> </u>	<u>, /, c</u>		
	STARTED	pre-	7 / 70 FINISHED	1		<u> </u>	PLE			<u> </u>	A	5 5 A Y	r s	_
	FOO	TAGE	DESCRIPTION			<u> </u>	FOOT	AGE			76	OZ/TON	OZ/TON	
	EROM			- N ·	D. SULF	5 FROM		о тот						
												l		
			Carbon to Areatite											
	161	120	Dark even fire stringed . Oxidiged and altered	13	1	160		70'						
ď			Staty cleaving. Carbonato veins fit is this factures and hadding											
- 116			planes. Yellowsh brown and reddish brown staining on the follos	<u>_</u>	3-17	170		80						
Ň			of fracture. Blacky and broken Eare.			. 6.		90'						
-	15	169'	Altered Linestone	193	7-73	100								
			Dark briss and gray . fine grained	A.	1-19	190	3	.ec'						
			Highy oxidiged and decomposed. Stained raddish Wroser and			2.4		2/0'						
			buff an the fractiones and surfaces. Dissensionaled mines amounts		1-20	2.01								
			of droy fine grand pyrite in the faces of this fracture.	A	2:21	2/1	o'   _	226						•
	169	186	Carbonated Roy Mile											
			Dick gray fine grained, well devaloped Staty chaveyer.	5 H	3-22	.22	σ΄ -	230'	li li					
			Closely speed carbonate trins filling this forchises and budding	9										
			planes. You To You winch mude. Mine calcite crystale on the face	~ K/	3-23		30' -	246						
			of forstore. Light brown and dock brown stanning on the					a <b>5</b> 0						
			fourtures. Alassive and blocky core	þ,	43-24	2.	20	~~~	l.					
	156	191	Graphitic Argillite											
	e)		Greyish black. fine grined. Staly claninger. partly sheared											
	MITE		and contenstal. Some cardinate voir fit in the fractore	ы.										
			Readist brown and dark brown staining on the facis of											
	5015		fractures and scheared planes.											
	ANG		blacky and broken core.	l										
	<b>[</b>		、					]						l

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يستعلقه المعاد مستووات معملون

#### RECORD -----

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NAME OF	PROPERTY	_SAL	11.5	CEEEK	P	300. 406.	
HOLE NO.	51 - 70-	.3	LENGTH				· · ·
LOCATION	30	16 66 G	fron	st. A	6-242		
LATITUDE			DEPARTI	JRE			<u> </u>
ELEVATION	52 80		AZIMUTH	11 -	51.1	DIP 74	,*

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
Q'	70	1,250	•		
	-				

HOLE NO. 54-76- 3 SHEET NO. 35

REMARKS \_\_

LOGGED BY \_\_\_\_\_ I. Chai

00	FAGE				SAMP	LE			A	SSAN	'S
ROM	то	DESCRIPTION	NO.	SUL PH- IDES	FROM	FOOTAGE TO	TOTAL	36	%	OZ/TON	OZ/TON
· 7/ *	197'	Feldspor Diorita Dyke (?) Gray to dart gray, making granned, Highly critical and decomposed. Phenologist of Feldspor, Discominitad minor fine grained pysita in diorita, tarching of pyrita on Surfaces of Cura Highly broken cara.									
2 7'	2 •1'	Creaphotic Arguitte Gregish black fire grained. Staty clouvingor. Partly carbonited and sheared. Reditish brises and yellowsh brown statining on the faces of fractions and sheared plane. Highly broken and blacks care.			•						
	254'	E Corbonated Arrillite Dark gray. fire grained. Staty change. Party linestone tarkers. Corbonated vains fill in this features and building planes. 1/2 To 1/8 mach wide. 1/8" with contain building planes. 1/2 To 1/8 mach wide. 1/8" with contain vains fillin building planes at 206" and 215". Cataile Crystals on fractures partly. Yollowshi brawn radding braws and partly 1964 Generics yether locating on the faces of feature and partly 1964 Generics gather locating on the faces of feature and partly 1964 Generics faces of fracture between 205" and 233". Marky and some kinken Care. Directionated means here are 205" and 233".									

LOCATION: 30' 160'E for 11-242	PROPERTY:	Sallus	Cont	Parisaid
DATE STARTED: Nov. 3. 1970			C/ KK	1 1200 - 4400
DATE COMPLETED:	HOLE NO:	S.C.W	#1	
TOTAL DEPTH:	SHEET NO:	1-5		

	FOOTAGE								F	IBRE	12		
GEOLOGICAL DESCRIPTION	FOOTAGE	REC	Ħ	1 32	A/15	4	16	-14	Ť	3	16	- 1	16
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Hight	304-36			+	<u>/                                    </u>	σŬ	10		~/f	: 24	-2	1.110	1.1
fine years lerge to dark gray									<u>├</u>				
fresh Core Staty Texture										t——	-		-
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### ELEVATION OF COLLAR: 5225 ELEVATION OF BOTTOM: BEARING: Due West

DIP: - 33"



DATE STARTED: Nev. 3, 1970HOLE NO:DATE COMPLETED: Nev. 9, 1970HOLE NO:TOTAL DEPTH: 385'SHEET NO:	SCW # 1-5	/	()	5 A	- ;	<i>L</i> ?	-13	)				
GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	$\frac{1}{32}$	1/16	/ <u>1</u> 8			F 36			45   1
Argillite Dark Group fine grained Staty Chearge blocky Core partly Carbonstion	3c6 - 3c3	/.5			C:	; ta.		-5 c - == 	2 	- <i>a</i> . /=		
Arg. Mile Crocy to Gregish black fine gained, Strongly briten Care staty Cleanage Carbon in faith partly.	3:2'- 3)7				Con Ar of rom	fai in in in in		Ce. 177 177	d t.a t.a t.a	-e-+ -e-+ 	· · ·	6
Grenphitic Argillits Dark Grey to Gregists plack fine grained, partly early testure	-350 - 36.5	18			C. 117 - 51				( in 1			
Partly showned planes, Stringly briken (a partly showned planes, Carbon in frints.	E a :1	÷,		/e				1'~~/  	J:;4	8		
•						· · · · · · · ·						

# × ... ELEVATION OF COLLAR: 5250 ELEVATION OF BOTTOM: 49 50 BEARING: Dure West DIP: -55' REMARKS (VEIN TYPE) its of firs sained 25% r i dante tother Sludge A converte of 331- 347 and fine 44 347'- 367' 1.25 cm metal - ----367 -- 367 ever and hedd h al pyrite s 5. and Cleverges 4. deate Villar

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LOCATION: 30 A 6 2 From Across DATE STARTED: Nov. 3, 1970 DATE COMPLETED: TOTAL DEPTH: PROPERT HOLE NO SHEET N

PROPERTY: Sallus Creck, PROJ. 4-6 HOLE NO: S C W # 1 SHEET NO: 1-4

		.	5		0				F	IBRE	VEIN	15	4
GEOLOGICAL DESCRIPTION	FOOTAGE	REC	Ŧ	$\frac{1}{32}$	1/1	18	16	14	3/ 16	3	7	2	9 16
Carbineted Argillite	233'-272'	20'			ΤĿ	120	/	1	1	-4	i.d.		i Cice
- Dark Giry to crey, brack							· · · · ·	\$*e **	5		5		
Altered to prover black		·			Ste	-97		12	10.5		· <del>· · · · ·</del>	·7 - \$	' <i>f</i> a
				 	2	·chi.	1	5.	11.	1.	دبر برم		/ 4
			∦ ₩	 	1.	to the		<u></u>		<u>د من م</u>			
									kc kc		6	2	
				-				 	 				
Creephitic Argillite Corporat	272'-289	7'	∦ ∦	   	H	-1./4 172		lecc }	hest.		//	de	11 <u></u>
Carbon all prints à clausinges			∦. ↓ ↓	 	-77							e.t.	
blacky & briken			·							Z			
Arilli	289'-299	6	/		1		5,	Kai.	1.19			<i>.</i>	2
light gray to Dark gray					SA	1 2).	đ	1	15	5	61-2- 		
		<u> </u>			-6.	-757	d.or.	hla t		ferre.	6.1	51	.1 <i>f</i> .
placky & brikers Stightly them side						- <i>0</i>							
								<u> </u>					
		-											
Graphitic Argillite	299'-304	2'				/ _/ /	4		4	6	5.1	1/ 1	12
- Corbin on Jords & Cleaveges					ci	1879							
blocky & broken Lore			_										
							<u> </u>			 	 		

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ELEVATION OF COLLAR: 5250 ELEVATION OF BOTTOM: BEARING: Due West DIP: - 55\* Rock S Rock S Rock S Rock S REMARKS  $\begin{array}{c|c} 5 & 1 \\ 5 & 1 \\ 8 & 16 \\ \end{array}$ (VEIN TYPE) dacy A late 37/ Sludge 2416-247 that she Im the pyrta 457 erits 505 | |-----Dp Test at 300' Ec/ ---they is breeze Tube High 550-16 minstered Concerted Right 52' 1. perla 40% ----11

LOCATION: 30 NOCE from AC-242 DATE STARTED: Nov. 3, 1876 HOLE NO	Y: Sallus Cr. I: S.C. W#	ak ¥]	F,	Res.	+06	,					
TOTAL DEPTH: SHEET N	0: /-3										
GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	<b>ж</b>	Des 1 1/1	с. 1	0+. 3		fit T		NS	<u></u>
				32 / 10	8	10	-	10			10
Coystelline linestone	175-190	19'		Kus	1.	hi	n'ng	d	41 4		en
fire grained partly setticities			• ; +	- for	en er	C/c		· · /	-ser (P	1	75
-dark grey distinctive cleavages				1	ling -		ertf	102	- 107.02	1.1	/
										+	
Cirystalline lineston	190'- 201	9'		ir	, ,	sta		7			
fine to predium grained				/z.	ch	d	500	14.0	le	in er er	1.
Inminited alternation				f.	ints	•					
partly silicified at 193'-196'											
										_	
PH-pHy fort								,	<u>-2</u> q+	ach	the
Ceystallin line time	201-220	91			ight T	4 1	rust	2	grip.	ß.c	Di j
fine to reading grained					19/.e	100	420	10	Let ur	in	15
abundant Gresy part.					lun		-F	Hry		- <u> </u>	 
Sand & Gravels	220-223	5"			tre	ub-	2	· / ·	kile		
fragments of Acgillita.					10.	\$Æ	- 6	or e			
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ELEVATION OF COLLAR: 5250' ELEVATION OF BOTTOM: Due West BEARING: -550 DIP: Rock S PYR REMARKS (VEIN TYPE) \_\_\_\_\_ ling of pyrit. 100% -176' 90% along the 7 pillitz-1' - 202' on building 50%. 10%

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#### LOG DRILL

LOCATION: 30' N 60" 5 fr Ac - 242 PROPERTY: Sallus Crak PRAJ. 406 DATE STARTED: Nov. 3, 1970 HOLE NO: S.C. W #1 DATE COMPLETED: SHEET NO: /-2 TOTAL DEPTH: FOOTAGE GEOLOGICAL DESCRIPTION 34'- 87' 87'-109' 41

ELEVATION OF COLLAR: 5250 ELEVATION OF BOTTOM: BEARING: Due West DIP: -55° REMARKS (VEIN TYPE) Crystelline Linestone phalium grained, undistinguished classifies Sificified & Corporated Curbonic on Classages 30% Weathered Aplita Dyte Median to Coorse grained Stained reddish brown in features Light Grey. 1/4" Cate to Veins between 111-112" 20% Coystalline linestone fine grained grey and grayist black faminated allerouting silicified & Corbonited distinctive Cleaverger 1091-113 100% 4 113'-145" 20' Carbonated Crystelline lingestone 67% fine to Madin ground lawinated, discontinuus lawination Stained Yellowish brown in forchures Crystallion linestone fine to medium grained Laminetad alterniting between gray to grayish black distinctive cleaveges along the same dip 70% 145'- 170 181 170'-175' 5' Constattion limeston medium grained Light Gray Carbone on Cleanoges 110 staining due & leaching puede 100% from cheacages and forchers between 170'-172 C I cha! 

· · · · · · · · · · · · · · · · · · ·	LOCATION: 30' NGC'E fran Ac-242 DATE STARTED: Nov. 3, 1970 DATE COMPLETED: TOTAL DEPTH:	PROPERTY: HOLE NO: SHEET NO:	Sallus Creek <del>S.C.W #1-</del> I-1	PRal. 406 SA70-1	

		$\begin{array}{c c c c c c c c c c c c c c c c c c c $		< ن	C								(			
GEOLOGICAL DESCRIPTION	FOOTAGE	REC	Ξ	$\frac{1}{32}$	1⁄16	18	$\frac{3}{16}$		$\frac{5}{16}$	<u>3</u> 8	7 7 16	1/2	9 16			
														+		
Lost Core	0'-10'	0									 		<u> </u>			
								<u> </u>						ŀ		
Carbonated Coystalline limestone white & Greyish black lawsinated	10' - 34'	5'			5	4.	de	<u>يک</u> بون	con. f	lar	5.00	ro.le	:Te	4		
distinctive cleavages						 		<u> </u>								
		*		↓ ↓				<u> </u>	<u>↓</u>	 	 		 	+		
Rusty Aplita dyte	34' - 35'	5"				+			<u> </u>		 	 	+ 	┿		
Steined Yellowsh brown			 					+	+				 	+		
Kauliniger K - Feloger								1								
Carbonated Constalling timestope	35' -40'	6											<u> </u>			
fine to medium grained					 			<u> </u>	<u> </u> 	. <u> </u>	<b>∔</b> ∔ _	<u> </u>				
Grey sh block Costinens lamination, Silicified botween 30'- 40'				-				<u> </u>			<u> </u>					
								+	•+	- <u> </u>	+	+	+	-+-		
Weathered Aplita Dyke	40' - 51'		,   	.   _					-	+				-+		
rust & oxidation along the fints					     		-		_		+			+		
												-				
Crystalling linestone Cartly Carbonate	51'- 79'	<u>ر</u>		. <del>  -</del>	-		_  _			<u> </u>		<u> </u>				
Law antad alteranting		-				 			_			 				
disconfines Laminution Silicous at 51'-61'						_	-							_		
				- <b>!</b> - <b> </b>												
Highly weathered Aptile Dyke	79'- 84	د '	1		27	101		ve uki	y	<i>f</i>	- /	مندر مرج س	•••	•		
Stained Orange brows in fractures																
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ELEVATION OF COLLAR: 50' ELEVATION OF BOTTOM: BEARING: Due West s Press. F. % Pyre St. F. % Total F. % Pyre St. DIP: - 55 REMARKS (VEIN TYPE) \_\_\_\_ ----\_\_\_\_\_ 0 Studge A at 20'-26' 12% leins 50% ----10% 20% 90% ---------pyrita 40% - --- -- İl

AME OF DLE NO. DCATION ATITUDE	PROPERT	ND DRILL RECORD	FOOTAGE	DIP 724 6.7*	AZ IMUT	H FO	OTAGE		митн	HOLE NO	о. <u>97-74</u> о ву <u>С</u>		<u>/</u>	
ARTED.	Dec	7 JUZE FINISHED				36 1	SAMP	OOTAGE		- %	95	OZ/TON	OZ/TON	
FOOT	AGE	DESCRIPTION			NO. 5	JL PH- DES	FROM	TO	TOTAL	1	1			
FROM	то										1	1		
387	38.1 <sup>4</sup>	Argentites Gray & gray sh Week. fine granned. Destinctive chooses, Hyply hickory cure, surty altertion on the faces of frection Contrain some despendent pyrate gladies on the faces fracture and bedding plane	of this		₩3 -35 :#3 -37		350 390	3/0						
383	391	Carbonsted Angelite Grey to sark grey. fire grained, staty classinger. Per and programted. Highly broken (ac. contain some disseminated pyrite flakes on the fores and partly associated with conducted thread cars. Carbonate thread cars fill with this fractures of planes.	thy showing of this of past.	t fræðu eng	-,43 ,46		400	4-59						
MITED,	407'	Argittes Dork gray & grayest black, styptly tamented for Portly quartering to take. Fresh one, stilly charge I's with Quarter wars at 396 feet with the Issumments and the wall of soin. Very charge special Carbondo thread works along the out and a special Carbondo thread works along the out and a special Carbondo thread works along the out and a special Carbondo com Joy the forders	in grand 4 me of pop 1 pockt by af conc het pryce	d rite phore hes le	,									
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ANGRIDGE LIMITED, EM. 6-1168	9°	370	at 335.6 <sup>th</sup> and 346.6 <sup>th</sup> . Considerable arounds of discours what you's places in the con- it forchases out meeting places are seen by thered a ware. Apple and you's same are set by thered a ware it is as don't that poorly and apple systers are a Considerable server. Cracehore place of another before really Contained statutes. Revery there are the forces of fractures and same and childrals knows on the force of fractures. Revery there are areaded pick flates on the considerable around a discommanded pick flates on the fractures and same of a second disched with there be commended and the force of the second of the flates on the fractures and same of a second of pick flates on the fractures and same of a second discours of the there be some arguittle polities and the grade with the of the some arguittle polities and the first with for the second of the second of the flates of the some arguittle polities and the first for some arguittle polities and the first for the second of the second of pick and the first some arguittle polities and the first for the second of the second of pick and second first are the for the second of pick and second different the second of the second of the first for the second of the second of the second of the second first are around a discourse of the second of the second first around the second of the second of the second of the second first are the second of the second of the second of the second first around the second of the second of the second of the second first around the second of t	forer to houst to the the the that the to the the to the t	ten et 1. 1. 1. 1.										

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.33%.5	359	Argillites Gregeste black and Jack greg five gradent. Partly Car and altered. Staty cleavages. Five Quarter views () wide 3 filling the feedback of argittle. Lewen Grange stationing on the faces of this feedback 35t. 6 feet and 362 pert. Pickably above stations da leading of Moly C?) Light and J.L. Has staring O. the feedback of	hended & to 4 at 5 Gt: Vere				0					0	