

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 90.03.16

ASSESSMENT REPORT 18603

MINING DIVISION: Slocan

PROPERTY: Senator  
LOCATION: LAT 49 49 30 LONG 117 26 00  
UTM 11 5519044 468830  
NTS 082F14W

CAMP: 006 Slocan Camp

CLAIM(S): Rain 1-6, Senator, V&M, Get There Eli  
OPERATOR(S): Yukon Min.  
AUTHOR(S): Goldsmith, L.B.; Kallock, P.  
REPORT YEAR: 1989, 46 Pages

COMMODITIES

SEARCHED FOR: Gold, Silver, Lead  
KEYWORDS: Jurassic, Nelson Batholith, Granite, Felsic Dykes, Quartz Veins  
Argentiferous Galena, Sphalerite

WORK

DONE: Geological, Geochemical, Physical  
GEOL 50.0 ha  
Map(s) - 4; Scale(s) - 1:200  
LINE 12.9 km  
ROAD 2.5 km  
SAMP 45 sample(s) ; AU, AG, PB, ZN  
SOIL 302 sample(s) ; AU, AG, PB, ZN  
Map(s) - 2; Scale(s) - 1:2500

RELATED

REPORTS: 17168  
MINFILE: 082FNW206, 082FNW164, 082FNW162

LOG NO: 0404	RD.
ACTION:	
FILE NO:	

FILMED

SOIL GEOCHEMICAL SURVEY,  
UNDERGROUND ROCK CHIP SAMPLING,  
AND GEOLOGICAL MAPPING  
GET THERE ELI, SENATOR, V&M AND RAIN 1-6 MINERAL CLAIMS  
MEMPHIS CREEK, SLOCAN, B.C.  
SLOCAN MINING DIVISION  
LATITUDE 49°49' NORTH, LONGITUDE 117°26' WEST  
NTS 82 F/14W

Prepared for  
YUKON MINERALS CORPORATION

ARCTEX ENGINEERING SERVICES

Locke B. Goldsmith, P. Eng  
Consulting Geologist

Paul Kallock  
Consulting Geologist

November 19, 1988

GEOLOGICAL RANCH  
ASSESSMENT REPORT

18,603

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**SOIL GEOCHEMICAL SURVEY AND UNDERGROUND  
ROCK CHIP SAMPLING AND GEOLOGICAL MAPPING  
RAIN 1-6 MINERAL CLAIMS  
MEMPHIS CREEK, SLOCAN, B.C.**

**SUMMARY**

The Rain claim group is located in the Memphis creek drainage, 6.0 km northeast of Slocan, B.C. Exploration for gold, silver, lead, and zinc dates back to the late 1800's. Parts of four of the old underground workings which are present on the property have been mapped and numerous rock chip samples gathered from the vein exposures underground.

Two of the old mines contain significant values in gold. Possibility for delineating additional mineralization is greatest at the Get-There-Eli adit where values up to 0.490 oz gold per ton and 16.00 oz, silver per ton have been returned from a 0.5 m width of the quartz-pyrite vein.

A soil geochemical survey of the property has also been undertaken. Several anomalous areas including soil values up to 85 ppb gold 10.8 ppm silver and significant lead and zinc have been outlined.

A programme of detailed soil geochemical sampling and geological mapping is recommended in anomalous areas. A diamond drilling programme to test for the east and northeast extension of the Get-There-Eli vein could also be undertaken during Phase I exploration. A budget of \$93,000 should be allowed for the initial drilling and detailed surface work. If results are encouraging trenching and additional diamond drilling may be warranted in Phase 2 which would cost an estimated \$163,200. Total cost of Phases 1 and 2 is \$256,200.

## PROPERTY, LOCATION, AND ACCESS

The Rain 1-6 mineral claims are located in southeastern British Columbia, 6.0 km northeast of the town of Slocan, B.C. The claims are situated along the middle and upper reaches of Memphis Creek which flows westward into Slocan Lake. The claims lie within the Slocan Mining Division in NTS Map Sheet 82F/14 W. Coordinates north 49°49' latitude and west 117°26' longitude cross the property. Elevation ranges from 930 m in the bottom of Memphis Creek on the west side of the claims to 1525 metres above sea level in the northeastern corner.

The claims are owned by Yukon Minerals Corporation and consist of 8 units totalling approximately 175 hectares and are listed as follows:

<i>Claim Name</i>	<i>No. of Units</i>	<i>Lot No.</i>	<i>Record No</i>	<i>Record Date</i>
Rain 1	1		4270(4)	April 5, 1984
Rain 2	1		4271(4)	April 5, 1984
Rain 3	1		3717(3)	March 30, 1983
Rain 3	1		3718(3)	March 30, 1983
Rain 4	1		3718(3)	March 30, 1983
Rain 5	1		3719(3)	March 30, 1983
Rain 6	1		3720(3)	March 30, 1983
Senator	1	15282	5772(6)	June 16, 1988
V&M		4260)	5773(6)	June 16, 1988
Get There Eli		4261	5773(6)	June 16, 1988

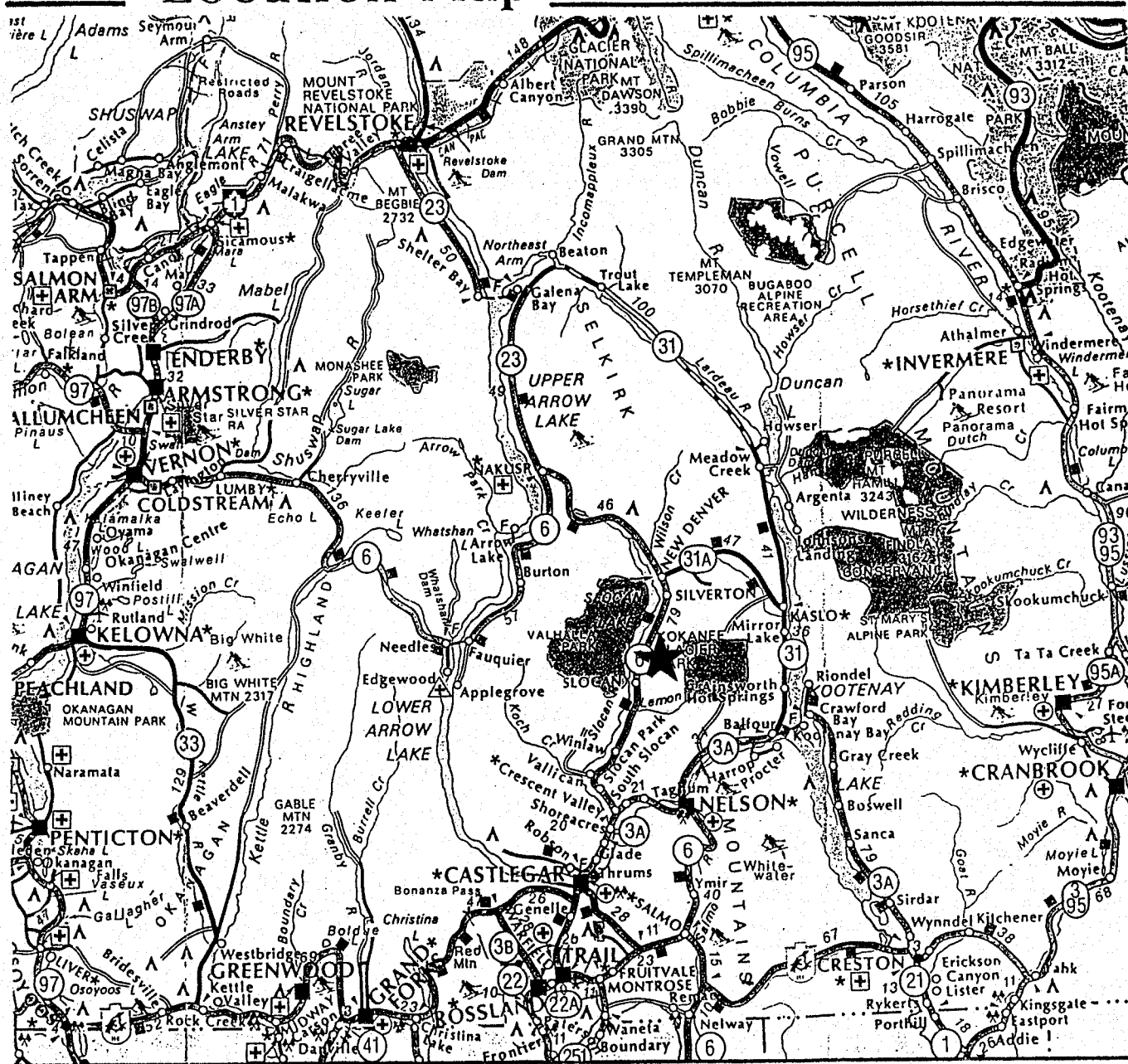
Access to the claims can be made by travelling 7.5 km north of Slocan B.C. on Highway 6, then east on a gravel and dirt road which leads up the north side of the Memphis Creek drainage into the center of the claim group. The highway is 0.5 km west of the west side of the claims.

## HISTORY

According to Cairnes (1934), exploration and mining took place at several of the adits which are now within claims shortly before and after the turn of the century. The Coronation was originally staked in 1896, and shortly thereafter 2 tons were shipped which contained 20% lead and 380 oz. silver per ton. The Colorado claim was staked in 1895. In the period 1904-1915 27 tons were produced which averaged 156 oz Ag/ton. The V&M mine, which is believed to be the Get-There-Eli adits, produced 12 tons in 1901 which averaged \$7.00 in gold and 58 oz Ag/ton. The Batchelor (Senator) workings produced 22 tons in 1906-1907 which yielded 14 oz. gold and 1,396 oz. silver.

Obvious exploration has been carried out at the Rain claim group since Cairnes report of 1934. A road has been constructed from Highway 6 up to the Colorado adits. Underground diamond

# Location Map



GET THERE ELI, SENATOR, V&M AND RAIN 1-6 MINERAL CLAIMS

SLOCAN MINING DIVISION

MEMPHIS CREEK, SLOCAN, B.C.

NTS 82 F/14 W

## YUKON MINERALS CORPORATION

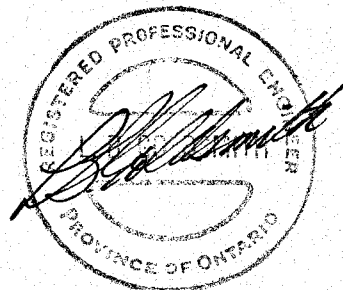
To accompany report by

Locke B. Goldsmith, P.Eng.  
Consulting Geologist

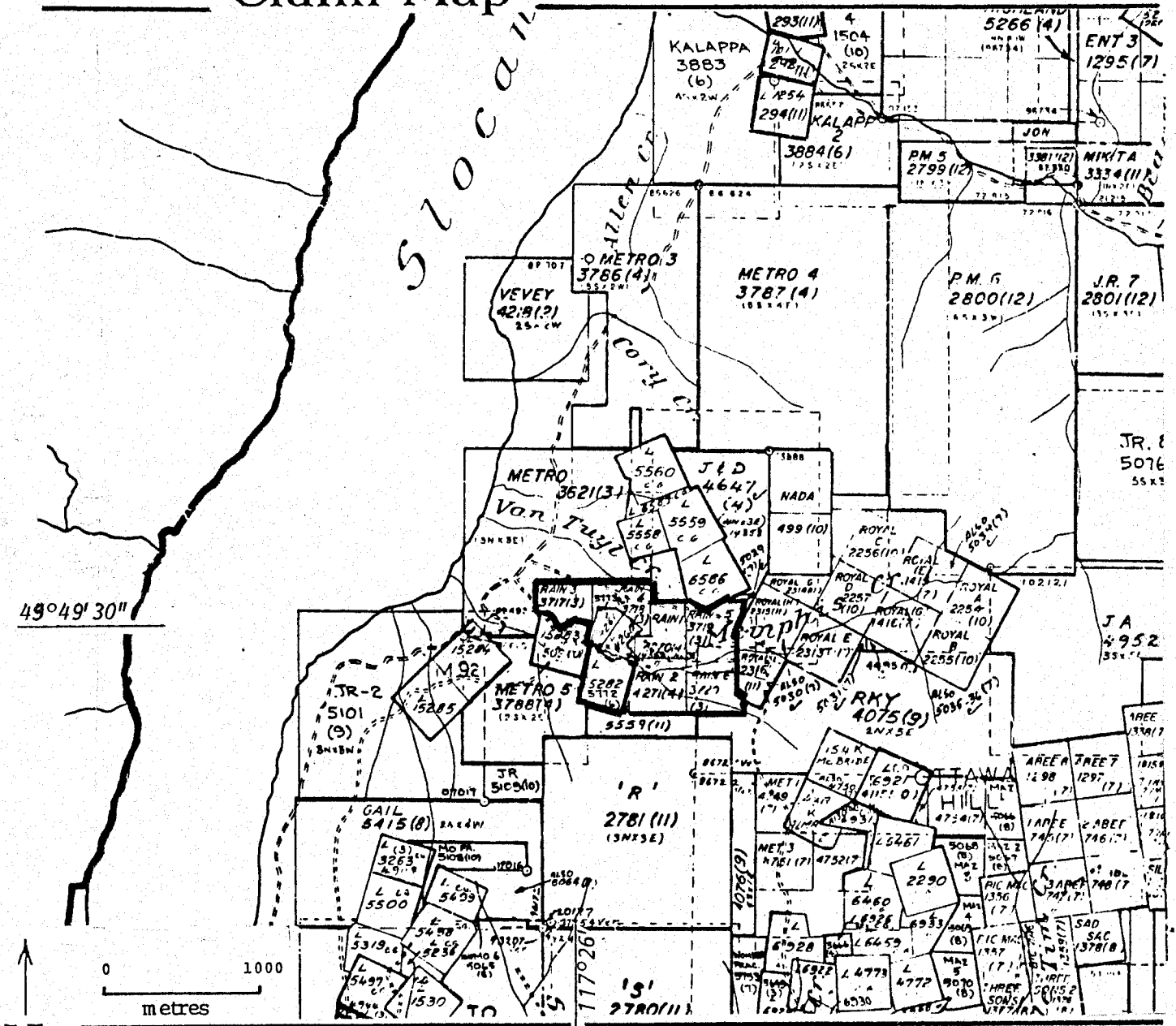
Paul Kallock  
Consulting Geologist

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November 1988



# Claim Map



GET THERE ELI, SENATOR, V&M AND RAIN 1-6 MINERAL CLAIMS

SLOCAN MINING DIVISION  
MEMPHIS CREEK, SLOCAN, B.C. NTS 82 F/14 W

## YUKON MINERALS CORPORATION

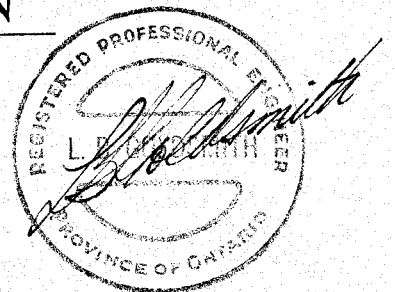
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November 1988



drilling has also been undertaken at the lower Colorado adit as evidences by scattered core and at least two drill holes.

A road has also been constructed which leads past the Get-There-Eli adits, almost reaching Memphis Creek, directly north of the Senator adit.

## CURRENT EXPLORATION

During September 1988 a hip chain and compass survey totalling 12.9 km of grid line was conducted at the Rain claim group. 302 soil samples were collected at 50 m spacings along the grid lines.

Six old mine and prospect adits were also mapped and 40 rock chip samples were collected from underground. 5 surface samples from the adit areas were also collected.

The claim boundaries were not surveyed. Their approximate position is shown in relation to geographic points (mainly the position of Memphis Creek) as encountered during the soil grid survey and as shown on the 1:50,000 scale government claim and topographic maps.

## REGIONAL GEOLOGY

The Get There Eli et al. claim group lies within the western margin of the Kootenay Arc, a complex metamorphic and structural belt bounded on the east by the Purcell Anti-clinorium and on the west by the Okanagan metamorphic and plutonic complex. The suture zone between Quesnellia and the North American continent parallels the western margin of the Kootenay Arc. During accretion, widespread alkalic to calc-alkaline intrusive activity affected the area, the largest body being the Mid-Late Jurassic Nelson batholith. The Rain claims lie within the batholith near its western border.

The Nelson batholith is a composite, I-type or hornblende-biotite suite granitic rock of predominantly granodiorite composition (Little, 1960). K-Ar model ages, Rb/Sr whole rock isochron dates and Ar/Ar apparent ages (Harrison, 1985) indicate the age of emplacement is 160-+6 Ma (early-Late Jurassic). Emplacement of this post-tectonic batholith has been related spatially and temporally by many (Cairnes, 1934; Andrew et al., 1984) to the mineralizing event. Partial resetting of K/Ar dates by Tertiary plutonism has occurred along the northwestern margin of the batholith, near the lake (Parrish, 1984).



## PROPERTY GEOLOGY

Most rock outcrops and rock exposures in the adits of the Rain claims are granite of the Jurassic Nelson Batholith. Texture of the granite is often characterized by large megacrysts of feldspar. Less often the intrusive appears to be a medium to coarse-grained granodiorite.

Younger dykes of fine-grained mafic rocks such as diabase were noted in a few areas such as underground in the Coronation adit. Felsic dykes, which also display moderate iron stain are common along the road cuts on the claim.

Fault structures are the key elements which have localized veins. Trend of these veins varies from north-south in the Get-There-Eli adits to northeast-southwest in the Senator and Colorado adits to east-west in the Coronation adit. Post mineral faults are very common in all adits and have frustrated past exploration. Most faults display normal dip slip movement which result in steps of the vein in the Senator adit which have 1-3 metres displacement. In the Get-There-Eli adit the larger north-south fault in the center of the workings may have slightly more than 3 m displacement. An unknown amount of rotation may also have taken place along this fault.

## SOIL GEOCHEMICAL SURVEY

A soil geochemical survey of eleven east-west lines between 900 and 1200 metres in length were positioned with hip chain and compass. Soil samples were collected at 50 m intervals along all lines. Distance between lines was generally 100 metres. Field work was completed from September 10 to 15, 1988.

Soil samples were collected at the "C" soil horizon, between 10 and 50 cm in depth with the aid of a narrow bladed spade. Samples were collected in kraft manilla envelopes and shipped to Chemex Labs in North Vancouver, B.C. Certificates of Analysis for lead, zinc, silver and gold, along with analytical procedures are included in the appendix. Values for each element are plotted on 1:2500 scale maps in the pocket of this report. A total of 302 soil samples are displayed.

Results were processed with a computer programme to derive lognormal probability plots from which threshold and anomalous values were generated. Graphs and parametres are included in the Appendix.

Number of values, n = 273

	Au ppb	Ag ppm	Pb ppm	Zn ppm
Threshold	10?	1.2	36	156
Anomalous	20?	1.7	38	196

## Gold

There are too few gold values above the lower detection limit (5 ppb) to allow a meaningful statistical treatment with probability plots. Eight of the 273 soil samples contained 15 or more parts per billion gold. Four of these samples are located along the slopes adjacent to Memphis Creek. At 1+00S, 0+00 and 1+00S, 1+00E values of 35 and 65 ppb Au respectively, may reflect transport of material from the dumps of the Senator and Get-There-Eli adits, or they may represent mineralization from unexplored extensions of these veins.

The highest gold value in soil came from 3+00S 4+00E where 85 ppb was returned. It is also coincident with anomalous lead and zinc. Two hundred metres to the northeast, 30 ppb gold was returned from soil at 2+00S 5+50E. Again lead and zinc and also silver are anomalous from this area which is located 50 m north of the Coronation adit.

At 3+00N 4+50E near Van Tuyl Creek, 20 ppb Au is coincident with high lead and zinc values. On lines 2+00N and 3+00N at 1+50E samples of 15 and 20 ppb are adjacent to each other and along the northerly trend of the Get-There-Eli structure.

An isolated value of 50 ppb gold is present in soils at the northeast corner of the grid at 2+00N 11+00E.

## Silver

Three areas of the claim group show multisample high silver values in soils. The strongest of these areas lies between the Get-There-Eli and Senator adits. On line 1+00S at 1+00E, 2+00E, and 2+50E soil samples contained 2.8, 10.8 and 2.0 ppm silver. Source of these high values may be in part attributed to dumps, contamination from roads or trails or from unexplored extensions of the Senator or Get-There-Eli veins.

On line 2+00S three adjacent samples contain > 1.0 ppm Ag. These include 1.3, 1.0 and 4.0 ppm Ag at 4+50E, 5+00E, and 5+50E.

The third area of high silver values lies on line 6+00S where 3.6 and 1.6 ppm Ag are located at 2+50E and 3+00E.

A single point of 1.1 ppm Ag was found at 3+00S 9+50E. This location lies 50 m south of the short adit at the creek near the Colorado adits. The sample lies along the projected trend of a shear zone which is exposed in the short adit.

## **Lead**

High values of lead in soil samples are most abundant on lines 2+00S and 3+00S on both sides of Memphis Creek. Six samples between the Senator and Coronation adits (a distance of 400 metres) contain greater than 50 ppm lead.

Other single point anomalies include 2+00S 9+00E where 130 ppm lead are present between the upper and lower Colorado adits. Another is located near the road at 2+00N 5+50E where 134 ppm lead are present.

## **Zinc**

Very high zinc values in soils are present in the Memphis Creek area between the Senator and Coronation adits. These samples coincide with high lead and partially with high silver and gold. The highest zinc value of the survey, 410 ppm, is located at 3+00S 4+00S.

High zinc values up to 298 ppm are located in the vicinity of the Colorado adits. Other isolated anomalous values include points along line 3+00N and 4+00 and in the western half of lines 5+00S and 6+00S.

## **UNDERGROUND GEOLOGICAL MAPPING AND ROCK CHIP GEOCHEMISTRY**

Maps of four adit areas at 1:200 scale are included in the pocket of this report. Numerous rock chip samples have been collected from accessible parts of the underground workings. The samples were collected with rock hammer and chisel. They are generally a continuous chip sample across the vein and represent the true width and grade of the vein. Values of samples are shown in the certificates of assay and rock sample descriptions in the Appendix and on the underground plan maps of each area. Mapping and sampling was completed on September 20 to 22, 1988.

### **Get-There-Eli Adits**

The upper adit is 34 m long. It follows a quartz-pyrite vein which trends generally N25°30'N. The vein was sampled at 4 locations near the adit level. It varied from 0.30 to 0.61 m in width. From the portal to 23 metres inside the adit, the vein has been stoped upward to the west. From 22m inside the portal to 29m the vein has been extracted downward to the east, for a slope distance of 11 to 18 m where a steep normal fault has displaced the vein. East of this fault the vein appears to have been uplifted between 3 and 8 metres relative to the west side.

The lower adit is caved toward the portal and therefore is only accessible through the stopes from the upper adit. For a distance of 40 m northwesterly from the caved area, the lower adit follows a steeply dipping quartz vein which displays abundant clay, chlorite and shearing. This vein/shear is subparallel to the previously mentioned fault. Movement along this plane may have also displaced the main vein somewhat.

Three raises have tested the main vein east of the lower adit. The central raise was inaccessible. Five samples of the vein from the other two raises returned encouraging values. The highest metal values came from the northeast corner of the workings where a 0.5 m chip sample, number 35N, returned 0.490 oz Au/ton, 16.00 oz

Ag/ton, 0.30% Pb and 0.37 % Zn.

### **Senator Adit**

The Senator adit is 49 m long and follows a N30°E47°S quartz vein for most of its length. Between 25 and 35 metres from the portal and between 42 and 46 metres from the portal, overhand stopes are present on the northwest side of the adit. The vein was mined for a distance of 2 to 5 metres upward toward the northwest before encountering several normal faults which have dropped the vein down in a stepwise fashion. Splits of the vein and dramatic changes in dip complicate the structural pattern.

Ten rock chip samples were collected from various parts of the Senator workings. Best values were from Sen-8, being 0.178 oz Au/ton and 31.5 oz Ag/ton across 0.30m of quartz veining located below the first stope. Sen-1, located at the southeast end of the exploration crosscut, contained 0.142 oz Au/ton and 11.10 oz Ag/ton across 0.30 m of quartz vein which contains 3% pyrite.

An adit eleven metres in length which is partially caved is located 4 metres northwest and parallel to the main Senator adit. Minor quartz was seen near the portal and a north-trending shear is present near the face.

### **Coronation Adit**

The Coronation adit trends N80°E and follows a 57° - 60° north-dipping quartz vein for 40 metres. There are no other stopes or cross cuts from the adit. A short caved adit and trench 3 metres south and several metres above the main adit level probably explored the same vein.

Two steep shear zones cut the vein at an oblique angle within the adit. Hosts for the vein include coarse-grained granite, granodiorite, and diabase.

Four samples were collected from the vein within the adit. Each sample was 0.25 to 0.30 m wide. The highest values Coro 32, which is 32m from the portal, are 0.006 oz Au/ton, 19.00 oz Ag/ton, 0.55% Pb, and 1.67% Zn. In addition to sphalerite and galena, traces of tetrahedrite(?) were also visible in hand sample from the quartz vein at this location.

A select sample of quartz vein material from the dump of the Coronation adit which showed 5% galena and 15 - 20% sphalerite assayed 0.012 oz Au/ton, 70.4 oz Ag/ton, 1.20% Pb, and 10.90 % Zn.

### Colorado Adit

The Memphis Creek road ends at the portal of the main Colorado adit. From the portal the adit continues 50 m northeast and then 81 metres easterly from which point a steep raise extends upward toward the north. This raise probably connects with the workings of the upper Colorado adit.

From the raise, the main adit continues eastward 15 m to a south branch and then onward without significant vein development for an additional 51 m to the face.

At 25 m in the south branch of the adit there is a N55°E 75°S quartz vein with abundant clay gouge on its margins. The vein was followed for 15 metres and a steep raise to the north was driven where galena mineralization was encountered. The drift extends eastward another 15 m but this vein narrows and is lost in several clay- filled shear zones.

Six samples were collected from the drift. Each had low gold values. High silver values were obtained from sample Colo-IS which was 0.8 m wide and consisted mostly of argillic-altered granite adjacent to the quartz-galena vein. It contained 0.004 oz Au/ton, 6.65 oz Ag/ton, 0.27% Pb, and 0.30% Zn. Sample Colo 00 was 0.30 m wide and included the quartz-galena vein which assayed 0.002 oz Au/ton 0.77 oz Ag/ton, 2.00% Pb, and 1.26% Zn.

At least two recent diamond drill holes were observed in the main Colorado adit. They are located near the main south branch of the adit. They were oriented northerly at +45° and horizontal to test the area below the upper adit.

The upper Colorado adit lies 90 metres east of the lower portal and is approximately 35 metres above the main level. The upper adit was driven on a N30°-50°E 35°-40°S trending quartz vein for a distance of 40 m. Stopes indicate removal of material above and northwest of the adit level. Two steep declines are located in the drift area. Beyond the stope area the adit turns easterly on a shear zone with minor quartz. A north-trending, gently east-dipping shear zone was also explored for 16 metres of its length without exposing mineralization.

Three rock chip samples were collected in the underground workings of the upper adit. Each returned value of silver between 3.79 and 6.56 oz/ton but did not contain appreciable gold.

Outside the portal a 0.15 m sample of quartz vein in outcrop (sample 10S) showing 5% galena (?) and 3% chalcopyrite assayed 0.008 oz Au/ton, 23.6 oz Ag/ton 0.54% Pb and 2.70% zinc. This vein, which trends N20°W 55°E toward the portal is probably the same vein which was explored underground.

A select piece of dump material of the upper adit was assayed and found to contain <0.002 oz Au/ton, 43.0 oz Ag/ton, 0.54% Pb, and 0.03% Zn.

North of the portal a trench or gully has exposed siliceous iron-stained rock which was sampled in two locations, neither of which was found to contain significant metal values.

## CONCLUSIONS

The Get-There-Eli et al., claim group is underlain mainly by granite of the Jurassic Nelson Batholith. At least four veins are present on the claims which have been explored in the past by numerous underground workings. Several of the veins have produced a limited tonnage of lead, silver, and gold mineralization during the turn of the century.

The Get-There-Eli adit area shows the greatest potential for locating additional precious metal mineralization below and to the northeast of the old workings. Assays from this region of the workings contained up to 0.490 oz Au/ton and 16.00 oz Ag/ton from quartz vein material which is 0.50 m wide.

Significant values of gold were also returned from samples collected in the Senator adit. Areas of potential gold mineralization lie beneath and to the south east of the stoped area of the adit where values up to 0.178 oz Au/ton and 31.5 oz Ag/ton were obtained from a 0.30 m quartz vein. High assays were also obtained at the southwest end of the workings where 0.142 oz Au and 11.10 oz Ag/ton are present in a 0.30 m wide quartz vein. Numerous fault zones are present at the Senator adit which complicate geological interpretation.

The Coronation adit was the shortest and least developed of the four workings which were examined. The east to west - trending quartz vein contained values up to 0.006 oz Au/ton and 19.00 oz Ag/ton from underground samples of quartz with galena and sphalerite mineralization in widths up to 0.25m. A select sample of dump material outside the adit contained 0.012 oz Au/ton and 70.4 oz Ag/ton. Past production of 2 tons grading 20% Pb and 380 oz Ag/ton probably came from hand picked material originating in a surface trench and short caved adit above the main workings.

Sampling of the two Colorado adits also revealed local high silver values but relatively low gold values. A northeast-trending vein exposed in the southeast drift of the main level assayed up to 0.004 oz Au/ton and 6.65 oz Ag/ton across a width of 0.80 m. Past production undoubtedly came from stopes of the upper adit. An indication of the grade of the vein is shown by a select sample of the dump which contained <0.002 oz Au/ton and 43.00 oz Ag/ton. Vein material which remains in outcrop outside the portal contained 0.008 oz Au/ton and 23.6 oz Ag/ton.

As with the other adits on the claims, post mineral faulting has disrupted the sulfide bearing quartz veins of the Colorado adits.

The soil geochemical survey has delineated several areas that may reflect previously undetected metal bearing veins or extensions of the previously mined veins.

The area between the Senator and Get-There-Eli adits returned up to 65 ppb gold and 10.8 ppm silver from soils. On-site examination may determine if these high values are contamination from the old workings, or from possible extensions of the previously explored veins.

The area along both sides of Memphis Creek west of the Coronation adit contains high gold (up to 85 ppb), silver (up to 4.0 ppm), lead (up to 152 ppm), and zinc (up to 410 ppm).

Several other areas of the property display moderately high metal values in soils such as on portions of lines 5+00S and 6+00S and 4+00N and 3+00N.

## **RECOMMENDATIONS**

Detailed soil, geochemical sampling at 50m line spacing and 25m sample stations should be carried out in anomalous areas such as the Coronation, Senator, and Get-There-Eli zone along both sides of Memphis Creek. Geological mapping should also be undertaken in these areas.

A programme of diamond drilling is recommended to test for extensions of gold-quartz mineralization to the east and northeast of the Get-There-Eli underground workings. This may best be accomplished by establishing a drill site on the switchback which is 100m northeast of the upper portal.

Encouraging values of gold and silver were obtained from the Senator adit. However, exploration of this area by diamond drilling is not recommended at this time due to the expense of building a road across Memphis Creek and the high proportion of post mineral faults which cut the Senator vein, greatly complicating delineation of appreciable tonnage.

Dozer and/or backhoe trenching and diamond drilling to test soil anomalies may be required if future detailed sampling and geological mapping are encouraging. An expanded diamond drill programme may also be warranted if initial drilling in the Get-There-Eli area is encouraging.

## COST ESTIMATE

### Phase I

Detailed soil geochemical survey and geological mapping; diamond drilling of the Get-There-Eli structure.

Soil geochemical survey	1,500	
Geological mapping and core logging	4,000	
Diamond drilling, 500 m at \$110/m	55,000	
Drill site or road construction	2,000	
Geochemical analyses and assays	4,000	
Food and lodging	2,000	
Vehicles and transportation	2,500	
Engineering, supervision	3,500	
Reporting	<u>3,000</u>	
	77,500	
Contingencies at 20%	<u>15,500</u>	
Total Phase 1	93,000	\$ 93,000

### Phase 2

Trenching and diamond drilling of soil anomalies and possibly at Get There Eli area.

Dozer or backhoe; trenching, roads and drill sites	5,000	
Diamond drilling, 1000 m at \$110/m	110,000	
Assays	2,000	
Geological and engineering supervision	10,000	
Food and lodging	3,000	
Transportation and vehicles	3,000	
Reporting	<u>3,000</u>	
	136,000	
Contingencies at 20%	<u>27,200</u>	
Total Phase 2	163,200	<u>163,200</u>
Total Phases 1 and 2		\$256,200



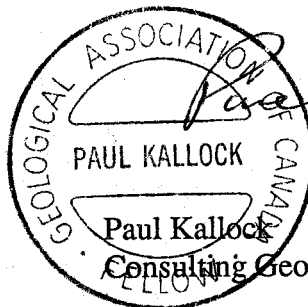
Results of Phase 1 should be compiled into an engineering report; continuance to Phase 2 should be contingent upon favourable conclusions and recommendations of an Engineer.

Respectfully submitted,



*Locke B. Goldsmith*

Locke B. Goldsmith, P.Eng.  
Consulting Geologist



*Paul Kallock*

Paul Kallock  
Consulting Geologist

Vancouver, B.C.  
November 19, 1988

**ENGINEER'S CERTIFICATE****LOCKE B. GOLDSMITH**

1. I, Locke B. Goldsmith, am a registered Professional Engineer in the Province of Ontario and the Northwest Territories, and a Registered Professional Geologist in the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and am a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and the Australasian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 30 years.
4. I have co-authored the report entitled, "Soil Geochemical Survey, Underground Rock Chip Sampling, and Geological Mapping, Get There Eli, Senator, V&M, and Rain 1-6 Mineral Claims, Memphis Creek, Slocan, B.C.", dated November 19, 1988. The report is based upon fieldwork and research supervised by the author.
5. I have no ownership in the property. I own 6,000 shares of Yukon Minerals Corporation which were acquired by vending the property.
6. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds. Sheets of analyses in the Appendix could be omitted from a prospectus because all values are plotted on maps.



Respectfully submitted,

*Locke B. Goldsmith*  
Locke B. Goldsmith, P.Eng.  
Consulting Geologist

Vancouver, B.C.  
November 19, 1988

**GEOLOGIST'S CERTIFICATE**  
**PAUL KALLOCK**

I, Paul Kallock, do state: that I am a Geologist with Arctex Engineering Services, 301 - 1855 Balsam Street, Vancouver, B.C.

**I Further State That:**

1. I have a B.Sc. degree in Geology from Washington State University, 1970. I am a Fellow of the Geological Association of Canada.
2. I have engaged in mineral exploration since 1970, both for major mining and exploration companies and as an independent geologist.
3. I have co-authored the report entitled, "Soil Geochemical Survey, Underground Rock Chip Sampling, and Geological Mapping, Get There Eli, Senator, V&M, and Rain 1-6 Mineral Claims, Memphis Creek, Slocan, B.C., Slocan Mining Division." The report is based on my fieldwork carried out on the property and on previously accumulated geologic data.
4. I have no direct or indirect interest in any manner in either the property or securities of Yukon Minerals Corporation, or its affiliates, nor do I anticipate to receive any such interest.
5. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds. Sheets of analyses in the Appendix could be omitted from a prospectus because all values are plotted on maps.

Paul Kallock  
Consulting Geologist

Vancouver, B.C.  
November 19, 1988

**REFERENCES**

- Cairnes, C.E. 1934. Slocan Mining Camp, B.C. GSC Memoir 173.
- Harrison, T.M. 1985. Thermal History of the Nelson Batholith, B.C. Geol. Soc. Amer., Programs and Abstract, Cord. Sect., p. 360.
- Little, H.W. 1960. Nelson Map Area, West Half, B.C. GSC Memoir 308, 205 p.
- Nicholson, G.E. March, 1988. Summary Report on the Rain 1-6 Mineral Claims, Slocan Mining Division. Private report for Yukon Minerals Corporation.
- Parrish, R.R. 1984. Slocan Lake Fault: A Low Angle Fault Zone Bounding the Valhalla Gneiss Complex, Nelson Map Area, Southern B.C. In: Current Research, Part A. GSC Paper 841, pp. 323-330.

COST STATEMENT:

Consultant and Management:

L. Goldsmith	3.25 days @ \$450.00/day	\$ 1,462.50
--------------	--------------------------	-------------

Field Personnel:

P. Kallock	5.00 days @ \$360.00/day	1,800.00
G. Bennett	9.50 days @ \$260.00/day	2,470.00
M. Beaupre	6.00 days @ \$260.00/day	1,560.00
G. Savard	6.00 days @ \$260.00/day	1,560.00

Other:

Food & Accomodation	961.44
Vehicle Rental	1,021.95
Equipment & Supplies (incl. dozer)	2,075.09
Analysis	4,805.79
Report Preparation	<u>3,957.18</u>

TOTAL PROJECT COST	<u>\$21,673.95</u>
--------------------	--------------------

**APPENDIX**

PC

07:11:30 RAIN

12/15/88

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Au Unit = ppb N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 3

# of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	5.000	4.943	93.00
		5.058	
2	5.159	4.256	5.40
		6.254	
3	49.260	32.064	1.60
		75.679	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	4.986 5.116
2	3.512 7.580
3	20.871 116.265

#####

08:47  
12/15/98

RAIN

LOGARITHMIC VALUES  
=====

VARIABLE = AU  
UNIT = ppb  
H = 273  
N CI = 25

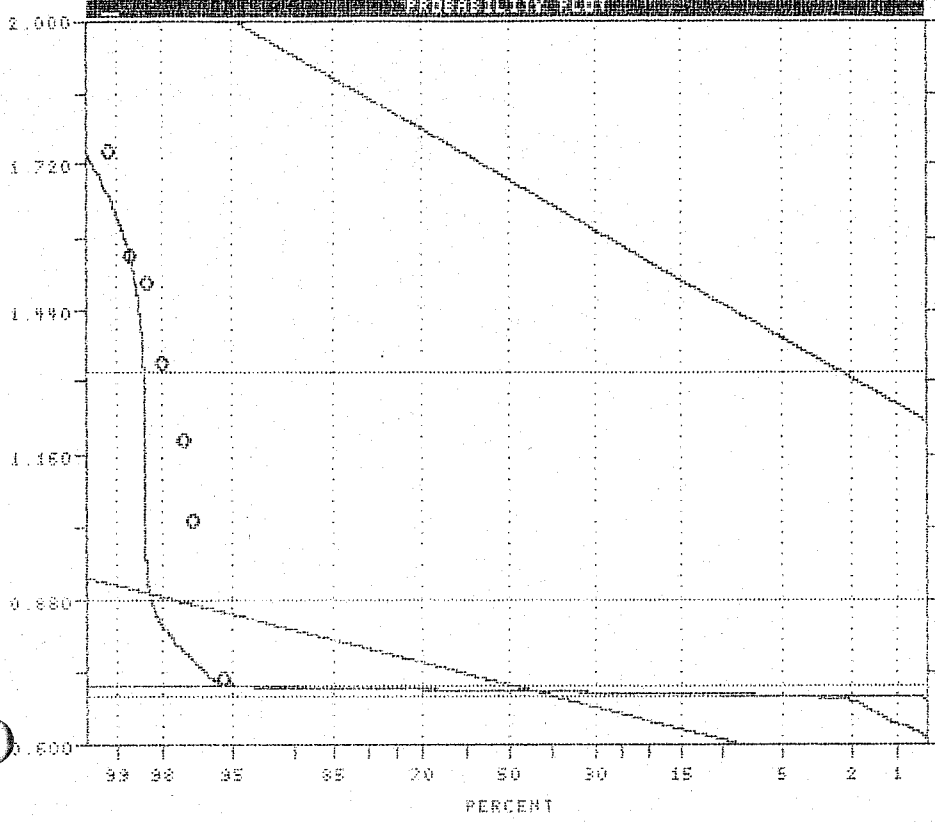
POPULATIONS  
=====

Pop.	Mean	Std.Dev.	%
1	0.6390	0.0050	93.0
2	0.7126	0.0235	5.4
3	1.6925	0.1865	1.6

Pop. THRESHOLDS  
-----  
=====

1	0.6390	0.7090
2	0.5455	0.8737
3	1.3195	2.0654

USERS VISUAL  
PARAMETER ESTIMATES





PC

\*\*\*\*\*

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Ag Unit = ppm N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 3

# of Missing Observations = 0.

=====  
Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	0.239	0.137	95.10
2	1.087	0.873	2.90
3	3.342	1.708	2.00

=====  
Default Thresholds.

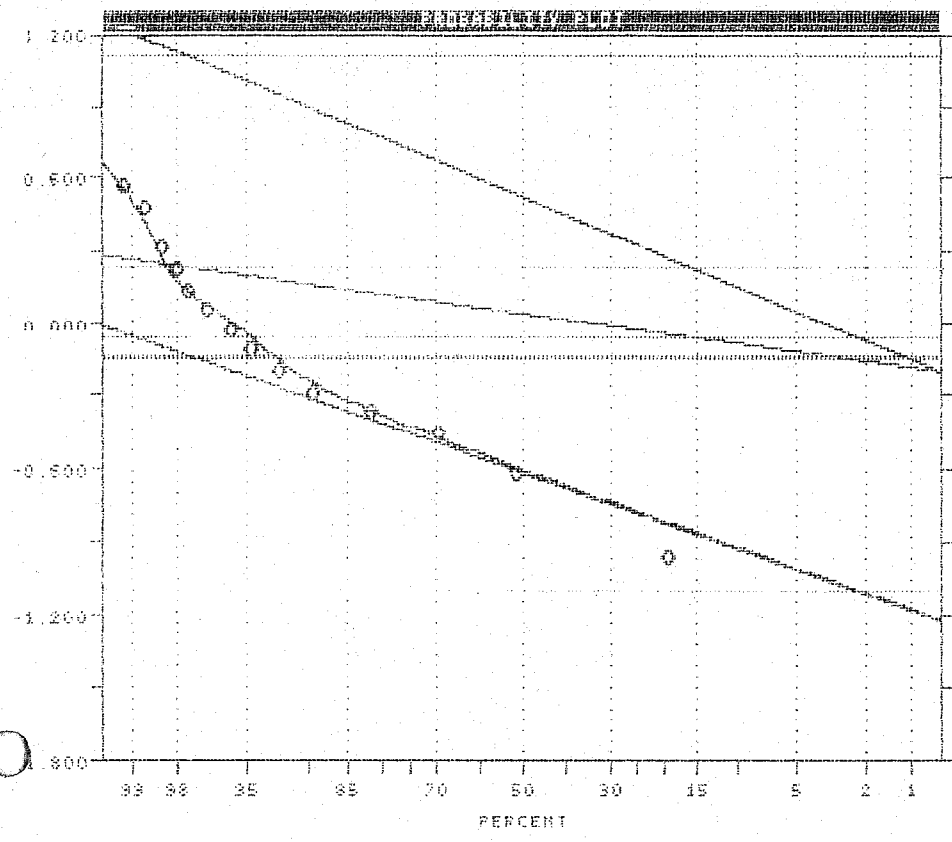
Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	0.078 0.730
2	0.701 1.687
3	0.873 12.789

\*\*\*\*\*

NO. 03  
12/15/88

RAIN



LOGARITHMIC VALUES

\*\*\*\*\*

VARIABLE = A9  
 UNIT = ppk  
 N = 273  
 N CI = 25

POPULATIONS

\*\*\*\*\*

Pop.	Mean	Std. Dev.	%
1	-0.5212	0.2422	95.1
2	0.0263	0.0954	2.9
3	0.5240	0.2314	2.0

Pop. THRESHOLDS

\*\*\*\*\*

Pop.	Lower	Upper
1	-1.1057	-0.1368
2	-0.1545	0.2271
3	-0.0588	1.1058

USERS VISUAL  
PARAMETER ESTIMATES

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Aq Unit = ppm N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 3

# of Missing Observations = 0.

=====

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -706.760

Parameterized Degrees of Freedom = 5

Population	Mean	Std Dev	Percentage
1	0.251	0.144	95.58
2	1.096	0.877	2.82
3	2.747	1.794	1.60

=====

Default Thresholds.

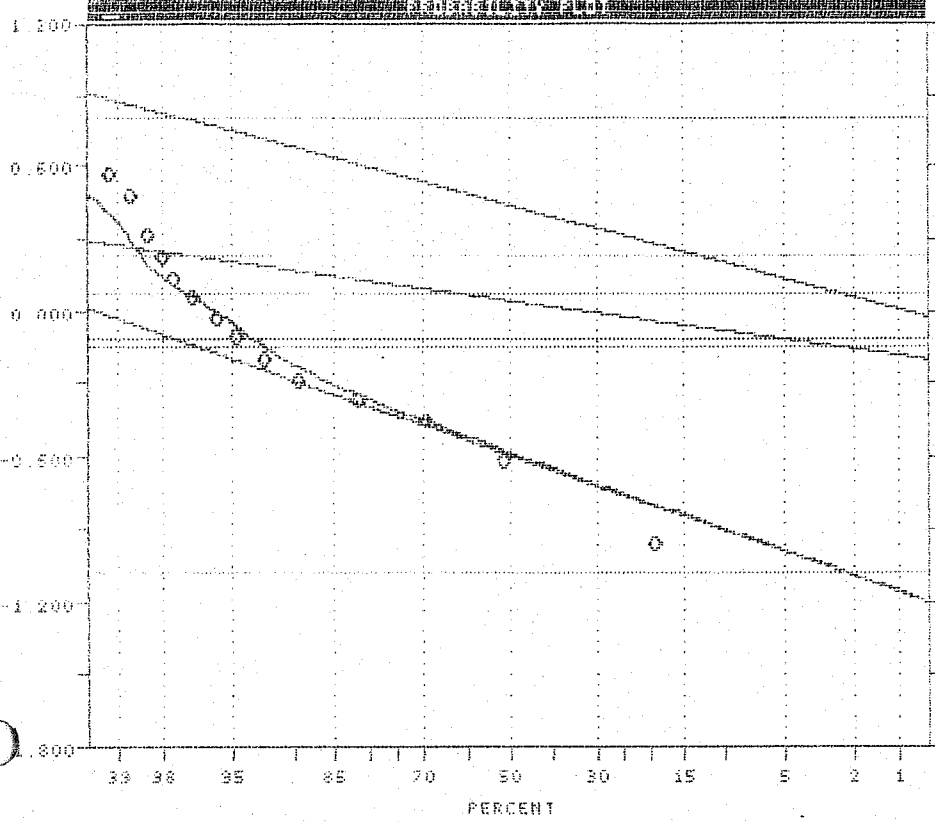
Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	0.082 0.770
2	0.702 1.709
3	1.172 6.439

#####

5153  
12/15 88

RAIN



LOGARITHMIC VALUES

=====

VARIABLE = Rj  
UNIT = DPH  
N = 273  
N CT = 25

POPULATIONS

=====

Pop.	Mean	Std. Dev.	%
1	-0.5997	0.2432	95.6
2	0.0397	0.0965	2.8
3	0.4388	0.1950	1.6

THRESHOLDS

=====

Pop.	Mean	Std. Dev.
1	-1.0862	-0.1132
2	-0.1534	0.2328
3	0.0688	0.6038

CLASS INTERVAL HL  
PARAMETER ESTIMATES

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Pb Unit = ppm N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

=====  
Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	10.295	5.445	96.50
2	90.713	60.205	3.50

=====  
Default Thresholds.

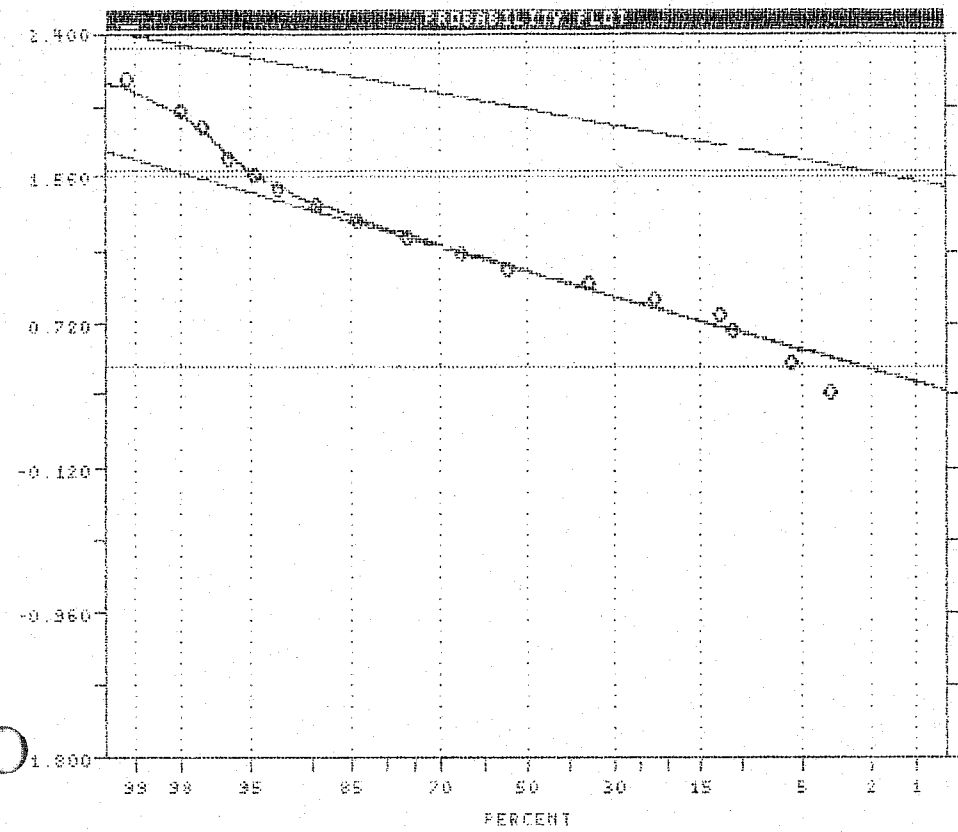
Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	2.680 36.806
2	39.957 205.944

#####

21:06  
12/15/88

RAIN



LOGARITHMIC VALUES

=====

VARIABILE = Pb

UNIT = ppH

N = 273

N CI = 25

POPULATIONS

=====

Pop.	Mean	Std. Dev.	%
1	1.0126	0.2786	96.8
2	1.9577	0.1780	3.5

POP. THRESHOLDS

Pop.	Lower Threshold	Upper Threshold
1	0.4593	1.5659
2	1.6016	2.3137

USERS VISUAL  
PARAMETER ESTIMATES

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Pb Unit = ppm N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

=====

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -714.750

Parameterized Degrees of Freedom = 3

Population	Mean	Std Dev	Percentage
1	10.506	5.539	96.98
2	80.906	53.805	3.02

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	2.920 37.803
2	35.782 182.938

#####

24.53  
12/15/88

RRIN

LOGARITHMIC VALUES

=====

VARIABLE = Pb  
UNIT = ppm  
N = 223  
N CI = 25

POPULATIONS

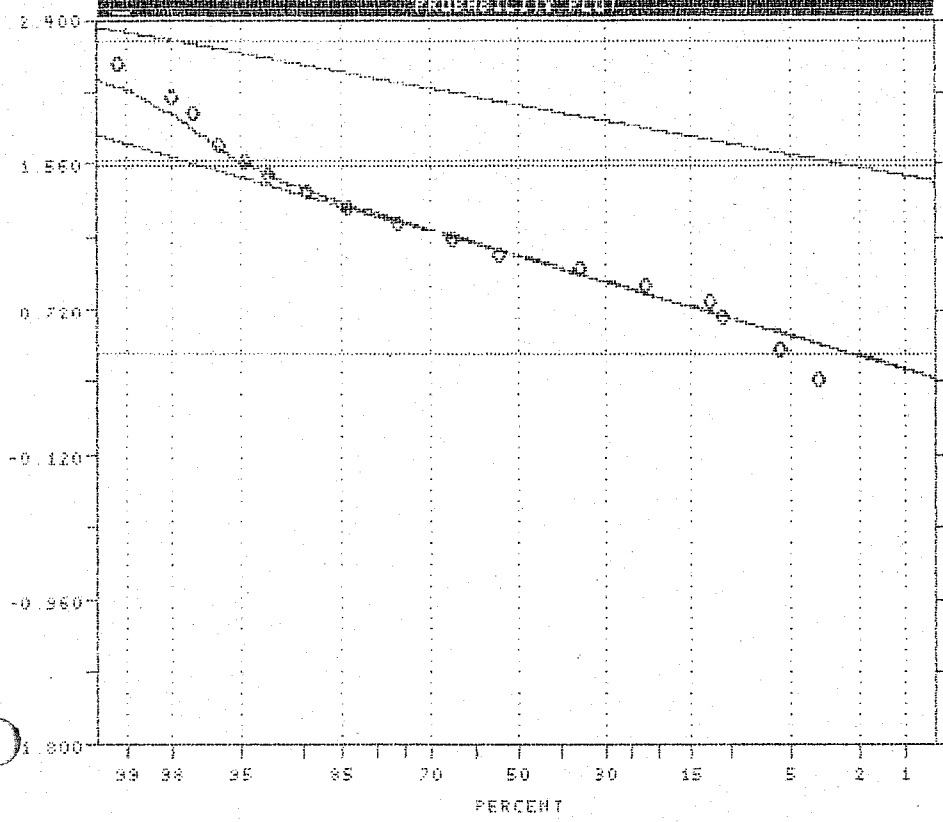
=====

Pop.	Mean	Std. Dev.	x
1	1.0214	0.2780	37.0
2	1.9080	0.1772	3.0

THRESHOLDS

=====

Pop.	Mean	Std. Dev.
1	0.4654	1.5775
2	1.5537	2.2623



CLASS INTERVAL ML  
PARAMETER ESTIMATES



#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Zn Unit = ppm N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 3

# of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	68.995	68.351	66.00
2	152.166	134.415	31.00
3	258.915	207.739	3.00

=====

Default Thresholds.

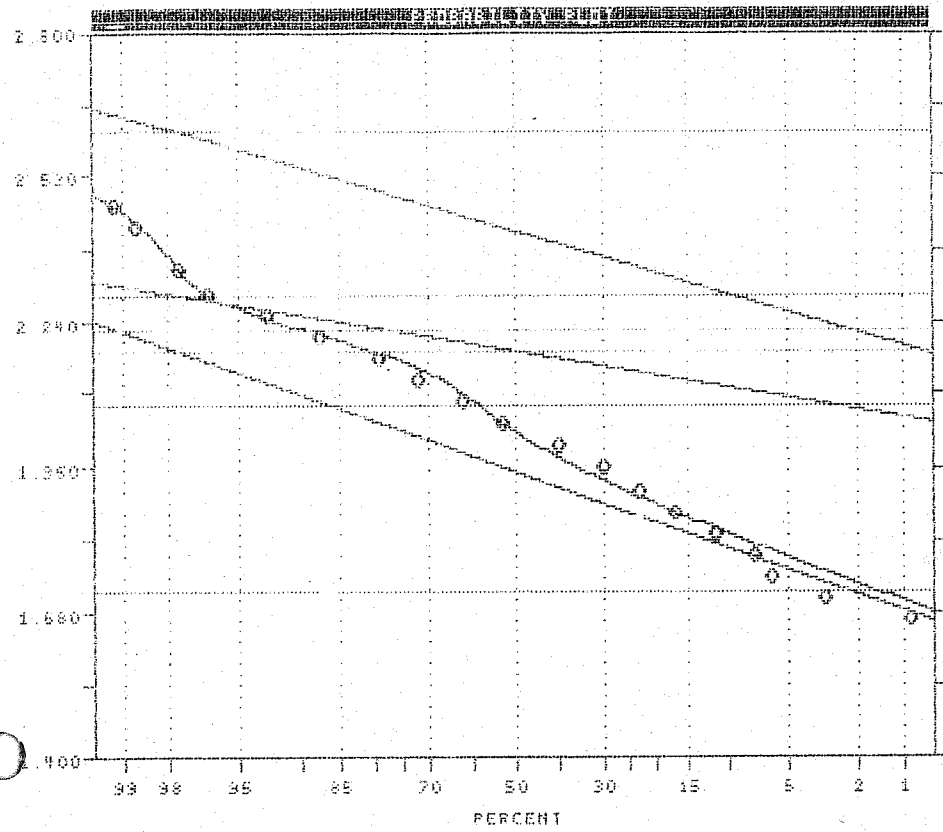
Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	52.496 150.869
2	118.735 195.009
3	166.678 402.194

#####

RD 53  
12/15/88

RAIN



LOGARITHMIC VALUES

\*\*\*\*\*  
 VARIABLE = Zn  
 UNIT = ppm  
 N = 273  
 N CI = 25

POPULATIONS

Pop.	Mean	Std Dev.	N
1	1.9434	0.1146	56.0
2	2.1822	0.0532	31.0
3	2.4132	0.0955	3.0

POP. THRESHOLDS

Pop.	Lower	Upper
1	1.7201	2.1786
2	2.0746	2.2301
3	2.2113	2.6044

USERS VISUAL  
 PARAMETER ESTIMATES

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = RAIN.DAT

Variable = Zn Unit = ppm N = 273  
N CI = 25

Transform = Logarithmic Number of Populations = 3

# of Missing Observations = 0.

=====

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -754.041

Parameterized Degrees of Freedom = 5

Population	Mean	Std Dev	Percentage
1	92.419	70.940	66.33
2	153.308	135.461	30.92
3	242.989	194.864	2.75

=====

Default Thresholds.

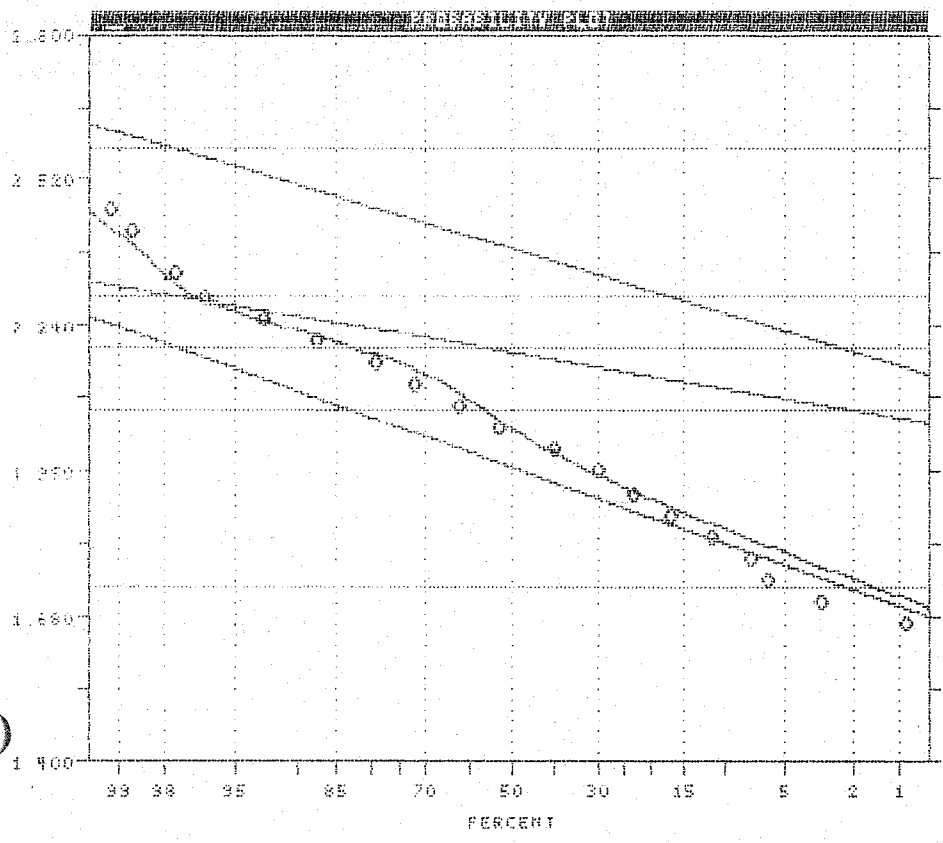
Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	54.452 156.860
2	119.692 196.365
3	156.271 377.828

#####

06.24.83  
12:15:48

RAIN



LOGARITHMIC VALUES

=====

VARIABLE = Zn  
 UNIT = ppm  
 N = 273  
 N CI = 25

POPULATIONS

=====

Pop.	Mean	Std. Dev.	n
1	1.9658	0.1149	66.8
2	2.1256	0.0538	30.9
3	2.3856	0.0959	2.7

POP. THRESHOLDS

=====

Pop.	THRESHOLDS
1	1.7860 2.1558
2	2.0781 2.2931
3	2.1839 2.5773

CLASS INTERVAL HL  
PARAMETER ESTIMATES



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1  
PHONE (604) 984-0221

To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

A8824193

Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SER.

**CERTIFICATE A8824193**

ARCTEX ENGINEERING SERVICES  
PROJECT : RAIN  
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 8-OCT-88.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	20	Assay: Crush,split,ring

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
398	20	Au oz/T: 1/2 assay ton	FA-AAS	0.002	20.00
385	20	Ag oz/T: Aqua regia digestion	AAS	0.01	20.0
312	20	Pb %: HClO4-HNO3 digestion	AAS	0.01	100.0
316	20	Zn %: HClO4-HNO3 digestion	AAS	0.01	100.0



# Chemex Labs Ltd.

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 212 BROOKSBANK AVE., NORTH VANCOUVER,  
 BRITISH COLUMBIA, CANADA V7J-2C1  
 PHONE (604) 984-0221

To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project: RAIN

Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SER.

Page No. : 1  
 Tot. Pages: 1  
 Date : 8-OCT-88  
 Invoice #: I-8824193  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8824193

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Pb %	Zn %						
ELI 10N	208	---	0.107	20.4	0.11	0.03					
ELI 14N	208	---	0.086	14.00	0.06	0.02					
ELI 28N	208	---	0.150	12.70	0.32	0.34					
ELI 33N	208	---	0.076	8.46	0.08	0.06					
ELI 35N	208	---	0.490	16.00	0.30	0.37					
SEN 01	208	---	0.142	11.10	0.14	0.08					
SEN 02	208	---	0.020	3.91	0.03	0.01					
SEN 03	208	---	0.092	7.58	0.07	0.04					
SEN 04	208	---	0.018	1.87	0.03	0.02					
SEN 05	208	---	0.018	1.43	0.02	0.02					
SEN 06	208	---	0.012	1.78	0.05	0.01					
SEN 07	208	---	0.353	45.1	0.21	< 0.01					
SEN 08	208	---	0.178	31.5	0.10	0.02					
SEN 09	208	---	0.010	1.63	0.08	0.01					
SEN 10	208	---	0.008	0.66	< 0.01	0.01					
CORO 00	208	---	0.012	70.4	1.20	10.90					
CORO 10	208	---	< 0.002	0.93	0.07	0.28					
CORO 20	208	---	0.002	1.39	0.09	0.09					
CORO 32	208	---	0.006	19.00	0.55	1.67					
CORO 40	208	---	< 0.002	0.22	0.01	0.04					

*W. Stan...*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project: RAIN

Comments: CC: PAUL KALLOCK CC: ARCTEX ENGINEERING SERVICES

Page No. : 1  
Tot. Pages: 1  
Date : 13-OCT-88  
Invoice #: I-8824325  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8824325

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Pb %	Zn %						
COLO MAIN 00	208 ---	0.002	0.77	2.00	1.26						
COLO MAIN 01N	208 ---	< 0.002	0.95	0.09	0.11						
COLO MAIN 3.5N	208 ---	< 0.002	0.06	0.02	0.03						
COLO MAIN 16 N	208 ---	< 0.002	0.01	< 0.01	< 0.01						
COLO MAIN 32N	208 ---	< 0.002	0.01	< 0.01	< 0.01						
COLO MAIN 01S	208 ---	0.004	6.65	0.27	0.30						
COLO MAIN 3.3S	208 ---	0.002	0.20	0.09	0.16						
COLO MAIN 14S	208 ---	0.004	0.44	0.05	0.15						
COLO UPPER 10N	208 ---	< 0.002	3.79	0.04	0.01						
COLO UPPER 14N	208 ---	< 0.002	5.91	0.10	0.01						
COLO UPPER 16N	208 ---	< 0.002	6.56	0.05	0.02						
COLO UPPER 40N	208 ---	< 0.002	0.07	0.01	0.01						
COLO UPPER 42N	208 ---	< 0.002	0.03	0.01	0.01						
COLO UPPER 02S	208 ---	< 0.002	43.0	0.54	0.03						
COLO UPPER 10S	208 ---	0.008	23.6	0.54	2.70						
COLO UPPER 05W	208 ---	< 0.002	0.54	0.02	0.06						
ELI LOWER 01N	208 ---	0.012	0.31	0.04	0.32						
ELI LOWER 12N	208 ---	0.048	12.80	0.07	0.04						
ELI LOWER 15N	208 ---	0.032	11.20	0.05	0.02						
ELI LOWER 18N	208 ---	0.034	4.55	0.04	0.02						
ELI LOWER 22N	208 ---	0.194	56.0	< 0.17	0.13						
ELI LOWER 26N	208 ---	0.004	0.85	< 0.01	0.01						
ELI LOWER 34N	208 ---	0.164	16.30	0.05	0.11						
ELI LOWER 38N	208 ---	0.006	0.42	< 0.01	0.01						
ELI LOWER 40N	208 ---	0.004	0.47	< 0.01	0.01						

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :

*W. St. Martin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1  
PHONE (604) 984-0221

To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

A8823689

Comments: CC: ARCTEX - SILVERTON CC: C. M. IZZARD

CERTIFICATE A8823689

ARCTEX ENGINEERING SERVICES  
PROJECT : RAIN  
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 25-SEP-88.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	273	Dry. sieve -80 mesh; soil. sed.

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	273	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	273	Pb ppm: HNO <sub>3</sub> -aqua regia digest	AAS-BKGD CORR	1	10000
5	273	Zn ppm: HNO <sub>3</sub> -aqua regia digest	AAS	5	10000
6	273	Ag ppm: HNO <sub>3</sub> -aqua regia digest	AAS-BKGD CORR	0.2	200





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212 BROOKSBANK AVE. NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project: RAIN

Comments: CC: ARCTEX - SILVERTON CC: C. M. IZZARD

Page No. : 1

Tot. Pages: 7

Date : 25-SEP-88

Invoice #: I-8823689

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R						
BL 0+00 0+50E	201	---	<< 5	14	139	0.5					
BL 0+00 1+00E	201	---	<< 5	12	108	0.3					
BL 0+00 1+50E	201	---	<< 5	8	116	0.2					
BL 0+00 2+00E	201	---	<< 5	5	106	0.3					
BL 0+00 2+50E	201	---	<< 5	26	175	0.3					
BL 0+00 3+00E	201	---	<< 5	26	166	0.2					
BL 0+00 3+50E	201	---	<< 5	8	91	0.1					
BL 0+00 4+00E	201	---	<< 5	26	154	0.2					
BL 0+00 4+50E	201	---	<< 5	2	99	0.1					
BL 0+00 5+00E	201	---	<< 5	14	90	0.1					
BL 0+00 5+50E	201	---	<< 5	3	126	0.2					
BL 0+00 6+00E	201	---	<< 5	1	164	0.1					
BL 0+00 6+50E	201	---	<< 5	24	132	0.2					
BL 0+00 7+00E	201	---	<< 5	10	130	0.2					
BL 0+00 7+50E	201	---	<< 5	2	120	0.1					
BL 0+00 8+00E	201	---	<< 5	4	135	0.3					
BL 0+00 8+50E	201	---	<< 5	20	125	0.7					
BL 0+00 9+00E	201	---	<< 5	3	156	0.6					
BL 0+00 9+50E	201	---	<< 5	9	148	0.5					
BL 0+00 10+00E	201	---	<< 5	4	128	0.4					
BL 0+00 10+50E	201	---	<< 5	14	125	0.2					
BL 0+00 11+00E	201	---	<< 5	9	89	0.2					
L1+00N 0+00E	201	---	<< 5	3	40	0.1					
L1+00N 0+50E	201	---	<< 5	4	62	0.4					
L1+00N 1+00E	201	---	<< 5	3	51	0.2					
L1+00N 1+50E	201	---	<< 5	8	165	0.6					
L1+00N 2+00E	201	---	<< 5	14	163	0.3					
L1+00N 2+50E	201	---	<< 5	12	134	0.3					
L1+00N 3+00E	201	---	<< 5	10	103	0.2					
L1+00N 3+50E	201	---	<< 5	10	116	0.3					
L1+00N 4+00E	201	---	<< 5	4	94	0.1					
L1+00N 4+50E	201	---	<< 5	6	95	0.1					
L1+00N 5+00E	201	---	<< 5	32	150	0.2					
L1+00N 5+50E	201	---	<< 5	10	116	0.1					
L1+00N 6+00E	201	---	<< 5	6	90	0.1					
L1+00N 6+50E	201	---	<< 5	6	66	0.1					
L1+00N 7+00E	201	---	<< 5	8	140	0.4					
L1+00N 7+50E	201	---	<< 5	10	105	0.2					
L1+00N 8+00E	201	---	<< 5	6	150	0.3					
L1+00N 8+50E	201	---	<< 5	12	215	0.2					

CERTIFICATION :

*Jan R. Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project: RAIN

Comments: CC: ARCTEX - SILVERTON CC: C. M. IZZARD

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Date : 25-SEP-88

Invoice # : I-8823689

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R						
L1+00N 9+00E	201	< 5		2	90	0.6					
L1+00N 9+50E	201	<< 5		8	80	0.1					
L1+00N 10+00E	201	<< 5		8	136	0.2					
L1+00N 10+50E	201	< 5		10	95	0.3					
L1+00N 11+00E	201	< 5		12	122	0.2					
L2+00N 0+00E	201	< 5		4	79	0.1					
L2+00N 0+50E	201	< 5		4	56	0.3					
L2+00N 1+00E	201	< 5		9	70	0.1					
L2+00N 1+50E	201	1 5		8	112	0.2					
L2+00N 2+00E	201	5		6	100	0.3					
L2+00N 2+50E	201	< 5		12	105	0.2					
L2+00N 3+00E	201	<< 5		2	45	0.1					
L2+00N 3+50E	201	<< 5		28	90	0.1					
L2+00N 4+00E	201	< 5		6	110	0.1					
L2+00N 4+50E	201	< 5		30	160	0.2					
L2+00N 5+00E	201	< 5		14	150	0.3					
L2+00N 5+50E	201	< 5		134	106	0.2					
L2+00N 6+00E	201	<< 5		20	68	0.1					
L2+00N 6+50E	201	< 5		8	130	0.4					
L2+00N 7+00E	201	< 5		16	154	0.4					
L2+00N 7+50E	201	< 5		18	154	0.3					
L2+00N 8+00E	201	<< 5		10	148	0.2					
L2+00N 8+50E	201	<< 5		8	95	0.1					
L2+00N 9+00E	201	<< 5		6	95	0.2					
L2+00N 9+50E	201	<< 5		10	147	0.3					
L2+00N 10+00E	201	< 5		8	94	0.3					
L2+00N 10+50E	201	5		14	92	0.3					
L2+00N 11+00E	201	5 0		16	80	0.2					
L3+00N 0+00E	201	< 5		9	73	0.2					
L3+00N 0+50E	201	< 5		4	60	0.1					
L3+00N 1+00E	201	5		10	124	0.5					
L3+00N 1+50E	201	20		22	120	0.3					
L3+00N 2+00E	201	< 5		4	94	0.1					
L3+00N 2+50E	201	<< 5		7	145	0.4					
L3+00N 3+00E	201	<< 5		12	72	0.2					
L3+00N 3+50E	201	< 5		10	150	0.4					
L3+00N 4+00E	201	< 5		30	95	0.2					
L3+00N 4+50E	201	20		66	170	0.7					
L3+00N 5+00E	201	< 5		6	153	0.2					
L4+00N 0+00E	201	< 5		12	80	0.4					

CERTIFICATION :

*Hart Bichler*



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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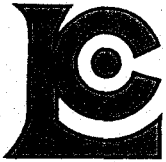
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R						
L4+00N 0+50E	201	< 5	14	102	0.2						
L4+00N 1+00E	201	< 5	10	107	0.2						
L4+00N 1+50E	201	< 5	22	190	0.3						
L4+00N 2+00E	201	< 5	16	120	0.1						
L4+00N 2+50E	201	< 5	14	185	0.2						
L4+00N 3+00E	201	< 5	22	168	0.3						
L4+00N 3+50E	201	< 5	18	165	0.2						
L4+00N 4+00E	201	< 5	36	260	0.3						
L4+00N 4+50E	201	< 5	16	126	0.2						
L4+00N 5+00E	201	< 5	10	85	0.2						
L1+00S 0+00E	201	< 35	32	108	2.8						
L1+00S 0+50E	201	< 5	40	155	0.7						
L1+00S 1+00E	201	< 65	42	134	10.8						
L1+00S 1+50E	201	< 5	20	148	2.0						
L1+00S 2+00E	201	< 5	14	145	0.2						
L1+00S 2+50E	201	< 5	12	140	0.1						
L1+00S 3+00E	201	< 5	28	92	0.1						
L1+00S 3+50E	201	< 5	20	142	0.2						
L1+00S 4+00E	201	< 5	12	110	0.2						
L1+00S 4+50E	201	< 5	12	82	0.2						
L1+00S 5+00E	201	< 5	24	135	0.2						
L1+00S 5+50E	201	< 5	16	165	0.2						
L1+00S 6+00E	201	< 5	10	107	0.2						
L1+00S 6+50E	201	< 5	16	168	0.3						
L1+00S 7+00E	201	< 5	8	88	0.3						
L1+00S 7+50E	201	< 5	11	102	0.2						
L1+00S 8+00E	201	< 5	8	70	0.2						
L1+00S 8+50E	201	< 5	8	60	0.9						
L1+00S 9+00E	201	< 5	10	72	0.3						
L1+00S 9+50E	201	< 5	20	90	0.2						
L1+00S 10+00E	201	< 5	10	84	0.2						
L1+00S 10+50E	201	< 5	12	70	0.1						
L1+00S 11+00E	201	< 5	12	77	0.1						
L2+00S 0+00E	201	< 5	18	90	0.1						
L2+00S 0+50E	201	< 5	10	76	0.5						
L2+00S 1+00E	201	< 5	18	110	0.2						
L2+00S 1+50E	201	< 5	30	120	0.5						
L2+00S 2+00E	201	< 5	60	125	0.3						
L2+00S 2+50E	201	< 5	36	170	0.2						
L2+00S 3+50E	201	< 5	80	156	0.2						

*Hart Bichler*

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project: RAIN

Comments: CC: ARCTEX - SILVERTON CC: C. M. IZZARD

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Date : 25-SEP-88

Invoice #: I-8823689

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R								
L2+00S 4+00E	201	< 5	20	160	0.1								
L2+00S 4+50E	201	< 5	80	246	1.3								
L2+00S 5+00E	201	< 5	46	137	1.0								
L2+00S 5+50E	201	< 30	152	260	4.0								
L2+00S 6+00E	201	< 5	34	122	0.2								
L2+00S 6+50E	201	< 5	10	120	0.3								
L2+00S 7+00E	201	< 5	20	138	0.1								
L2+00S 7+50E	201	< 5	10	115	0.1								
L2+00S 8+00E	201	< 5	16	122	0.2								
L2+00S 8+50E	201	< 5	14	200	0.2								
L2+00S 9+00E	201	< 5	130	298	0.3								
L2+00S 9+50E	201	< 5	42	108	0.5								
L2+00S 10+00E	201	< 5	22	110	0.3								
L2+00S 10+50E	201	< 5	20	76	0.2								
L2+00S 11+00E	201	< 5	18	65	0.3								
L3+00S 0+00E	201	< 5	10	130	0.2								
L3+00S 0+50E	201	< 5	10	168	0.3								
L3+00S 1+00E	201	< 5	8	135	0.2								
L3+00S 1+50E	201	< 5	10	112	0.5								
L3+00S 2+00E	201	< 5	14	194	0.5								
L3+00S 2+50E	201	< 5	18	62	0.1								
L3+00S 3+00E	201	< 5	10	74	0.7								
L3+00S 3+50E	201	< 5	24	134	0.3								
L3+00S 4+00E	201	< 8	120	410	0.2								
L3+00S 4+50E	201	< 5	14	142	0.7								
L3+00S 5+00E	201	< 5	10	98	0.2								
L3+00S 5+50E	201	< 5	140	285	0.3								
L3+00S 6+00E	201	< 5	12	112	0.1								
L3+00S 6+50E	201	< 5	22	120	0.2								
L3+00S 7+00E	201	< 5	12	124	0.2								
L3+00S 7+50E	201	< 5	10	122	0.2								
L3+00S 8+00E	201	< 5	12	94	0.2								
L3+00S 8+50E	201	< 5	10	100	0.3								
L3+00S 9+00E	201	< 5	10	78	0.2								
L3+00S 9+50E	201	< 5	20	194	1.1								
L3+00S 10+00E	201	< 5	18	195	0.5								
L3+00S 10+50E	201	< 5	28	90	0.4								
L3+00S 11+00E	201	< 5	12	88	0.3								
L4+00S 0+00E	201	< 5	22	108	0.1								
L4+00S 0+50E	201	< 5	11	100	0.3								

*Hart Bickler*

CERTIFICATION :



# Chemex Labs Ltd.

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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
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V6E 2E9

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## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R						
L4+00S 1+00E	201	< 5	10	134	0.4						
L4+00S 1+50E	201	< 5	10	152	0.3						
L4+00S 2+00E	201	< 5	7	105	0.3						
L4+00S 2+50E	201	< 5	13	98	0.6						
L4+00S 3+00E	201	< 5	10	56	0.5						
L4+00S 3+50E	201	< 5	16	167	0.3						
L4+00S 4+00E	201	< 5	8	75	0.4						
L4+00S 4+50E	201	< 5	8	52	0.2						
L4+00S 5+00E	201	< 5	22	122	0.2						
L4+00S 5+50E	201	< 5	10	107	0.3						
L4+00S 6+00E	201	< 5	10	117	0.6						
L4+00S 6+50E	201	< 5	8	103	0.1						
L4+00S 7+00E	201	< 5	10	113	0.1						
L4+00S 7+50E	201	< 5	14	110	0.2						
L4+00S 8+00E	201	< 5	4	73	0.1						
L4+00S 8+50E	201	< 5	14	108	0.3						
L4+00S 9+00E	201	< 5	14	132	0.2						
L4+00S 9+50E	201	< 5	14	70	0.2						
L4+00S 10+00E	201	< 5	18	130	0.2						
L4+00S 10+50E	201	< 5	16	110	0.1						
L4+00S 11+00E	201	< 5	4	73	0.5						
L5+00S 0+00E	201	< 5	20	100	0.2						
L5+00S 0+50E	201	< 5	16	198	1.3						
L5+00S 1+00E	201	< 5	9	90	0.4						
L5+00S 1+50E	201	< 5	10	102	0.4						
L5+00S 2+00E	201	< 5	3	48	0.3						
L5+00S 2+50E	201	< 5	2	64	0.3						
L5+00S 3+00E	201	< 5	5	49	0.1						
L5+00S 3+50E	201	< 5	4	108	0.5						
L5+00S 4+00E	201	< 5	12	155	0.6						
L5+00S 4+50E	201	< 5	10	80	0.2						
L5+00S 5+00E	201	< 5	10	128	0.9						
L5+00S 5+50E	201	< 5	6	64	0.4						
L5+00S 6+00E	201	< 5	6	116	0.2						
L5+00S 6+50E	201	< 5	6	56	0.4						
L5+00S 7+00E	201	< 5	10	102	0.2						
L5+00S 7+50E	201	< 5	18	100	0.1						
L5+00S 8+00E	201	< 5	4	162	0.3						
L5+00S 8+50E	201	< 5	9	82	0.4						
L5+00S 9+00E	201	< 5	14	104	0.5						

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

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To: ARCTEX ENGINEERING SERVICES

2390 - 1055 W. HASTINGS ST.  
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V6E 2E9

Project: RAIN

Comments: CC: ARCTEX - SILVERTON CC: C. M. IZZARD

Page No. : 6

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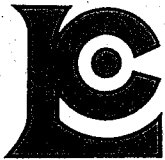
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## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R						
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L5+00S 10+00E	201	---	< 5	8	78	0.3					
L5+00S 10+50E	201	---	< 5	10	109	0.3					
L5+00S 11+00E	201	---	< 5	6	49	0.5					
L6+00S 0+00E	201	---	< 5	8	130	0.7					
L6+00S 0+50E	201	---	< 5	16	178	0.8					
L6+00S 1+00E	201	---	< 5	10	130	0.4					
L6+00S 1+50E	201	---	< 5	5	105	0.4					
L6+00S 2+00E	201	---	< 5	10	106	0.6					
L6+00S 2+50E	201	---	< 5	12	158	3.6					
L6+00S 3+00E	201	---	< 5	10	172	1.6					
L6+00S 3+50E	201	---	< 5	8	122	0.4					
L6+00S 4+00E	201	---	< 5	7	150	0.4					
L6+00S 4+50E	201	---	< 5	8	59	0.2					
L6+00S 5+00E	201	---	< 5	8	78	0.3					
L6+00S 5+50E	201	---	< 5	4	70	0.4					
L6+00S 6+00E	201	---	< 5	7	82	0.2					
L6+00S 6+50E	201	---	< 5	9	88	0.4					
L6+00S 7+00E	201	---	< 5	3	50	0.2					
L6+00S 7+50E	201	---	< 5	14	180	0.5					
L6+00S 8+00E	201	---	< 5	22	93	0.6					
L6+00S 8+50E	201	---	< 5	10	115	0.4					
L6+00S 9+00E	201	---	< 5	8	95	0.5					
L6+00S 9+50E	201	---	< 5	10	85	0.5					
L6+00S 10+00E	201	---	< 5	6	57	0.4					
L6+00S 10+50E	201	---	< 5	6	150	0.3					
L6+00S 11+00E	201	---	< 5	10	100	0.4					
L0+00 0+50W	201	---	< 5	2	47	0.2					
L0+00 1+00W	201	---	< 5	2	66	0.1					
L0+50N 1+00W	201	---	< 5	12	106	0.4					
L1+00N 0+50W	201	---	< 5	10	100	0.4					
L1+00N 1+00W	201	---	< 5	10	180	0.4					
L1+50N 1+00W	201	---	< 5	12	160	0.5					
L2+00N 0+50W	201	---	< 5	10	130	0.3					
L2+00N 1+00W	201	---	< 5	9	133	0.3					
L2+00N 1+50W	201	---	< 5	9	135	0.2					
L2+00N 2+00W	201	---	< 5	8	124	0.3					
L2+00N 2+50W	201	---	< 5	6	92	0.2					
L2+00N 3+00W	201	---	< 5	12	210	0.2					
L2+00N 3+50W	201	---	< 5	6	160	0.1					

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

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## CERTIFICATE OF ANALYSIS A8823689

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm Aqua R						
L2+00N 4+00W	201	---	< 5	12	185	0.2					
L2+50N 1+00W	201	---	< 5	10	138	0.2					
L2+50N 4+00W	201	---	< 5	6	100	0.4					
L3+00N 0+50W	201	---	< 5	6	84	0.2					
L3+00N 1+00W	201	---	< 5	12	188	0.2					
L3+00N 1+50W	201	---	< 5	10	65	0.2					
L3+00N 2+00W	201	---	< 5	6	75	0.1					
L3+00N 2+50W	201	---	< 5	6	50	0.1					
L3+00N 3+00W	201	---	< 5	7	82	0.1					
L3+00N 3+50W	201	---	< 5	8	92	0.1					
L3+00N 4+00W	201	---	< 5	12	96	0.2					
L3+50N 1+00W	201	---	< 5	10	72	0.1					
L3+50N 4+00W	201	---	< 5	12	170	0.5					
L4+00N 0+50W	201	---	< 5	26	110	0.4					
L4+00N 1+00W	201	---	< 5	12	103	0.1					
L4+00N 1+50W	201	---	< 5	12	75	0.2					
L4+00N 2+00W	201	---	< 5	6	68	0.1					
L4+00N 2+50W	201	---	< 5	2	51	0.1					
L4+00N 3+00W	201	---	< 5	8	116	0.4					
L4+00N 3+50W	201	---	< 5	8	125	1.1					
L4+00N 4+00W	201	---	< 10	12	80	0.2					
L1+00S 0+50W	201	---	< 5	8	87	0.1					
L1+00S 1+00W	201	---	< 5	22	150	0.3					
L2+00S 0+50W	201	---	< 5	66	125	0.4					
L2+00S 1+00W	201	---	< 5	24	86	0.5					
L3+00S 0+50W	201	---	< 10	5	55	0.1					
L3+00S 1+00W	201	---	< 10	12	103	0.2					
L4+00S 0+50W	201	---	< 5	22	116	0.2					
L4+00S 1+00W	201	---	< 5	20	102	0.4					
L5+00S 0+50W	201	---	< 10	16	83	0.2					
L5+00S 1+00W	201	---	< 5	18	135	0.3					
L6+00S 0+50W	201	---	< 5	18	102	0.4					
L6+00S 1+00W	201	---	< 5	14	125	0.5					

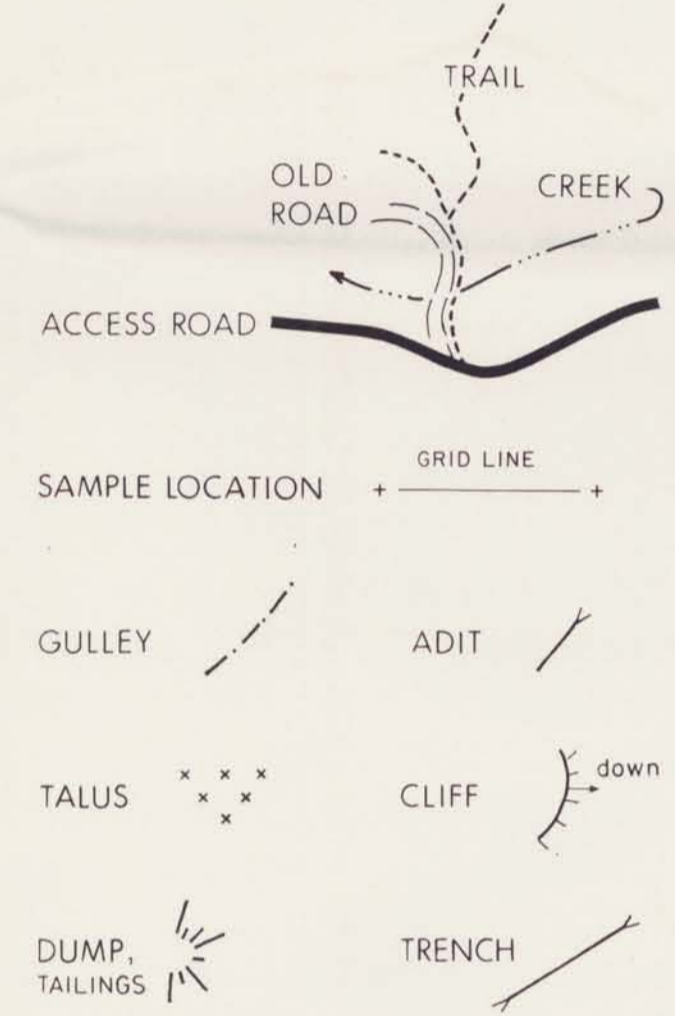
CERTIFICATION :

*Hart Buchler*

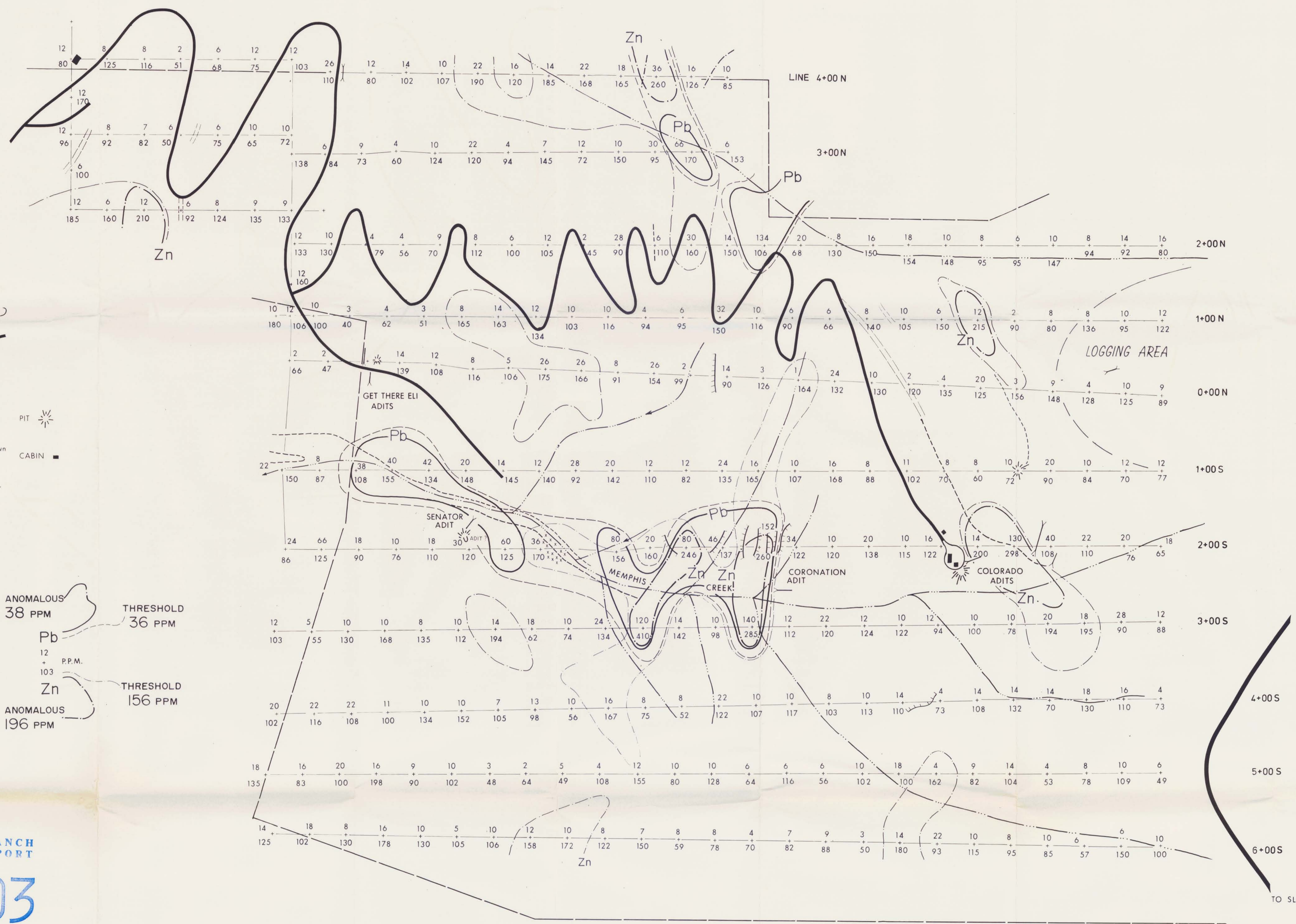




4+00 W 3+00 W 2+00 W 1+00 W 0+00 1+00 E 2+00 E 3+00 E 4+00 E 5+00 E 6+00 E 7+00 E 8+00 E 9+00 E 10+00 E 11+00 E



ANOMALOUS 38 PPM Pb THRESHOLD 36 PPM  
 12 P.P.M.  
 103 Zn THRESHOLD 156 PPM  
 ANOMALOUS 196 PPM



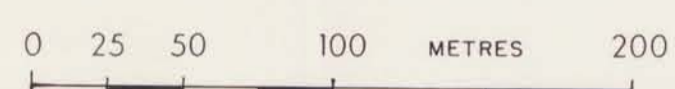
TO SLOCAN

GEOLOGICAL BRANCH ASSESSMENT REPORT

**18,603**  
 Yukon Minerals Corporation

RAIN 1-6 MINERAL CLAIMS  
**Memphis Creek Project**  
 SLOCAN MINING DIVISION nts 82 F / 14 W

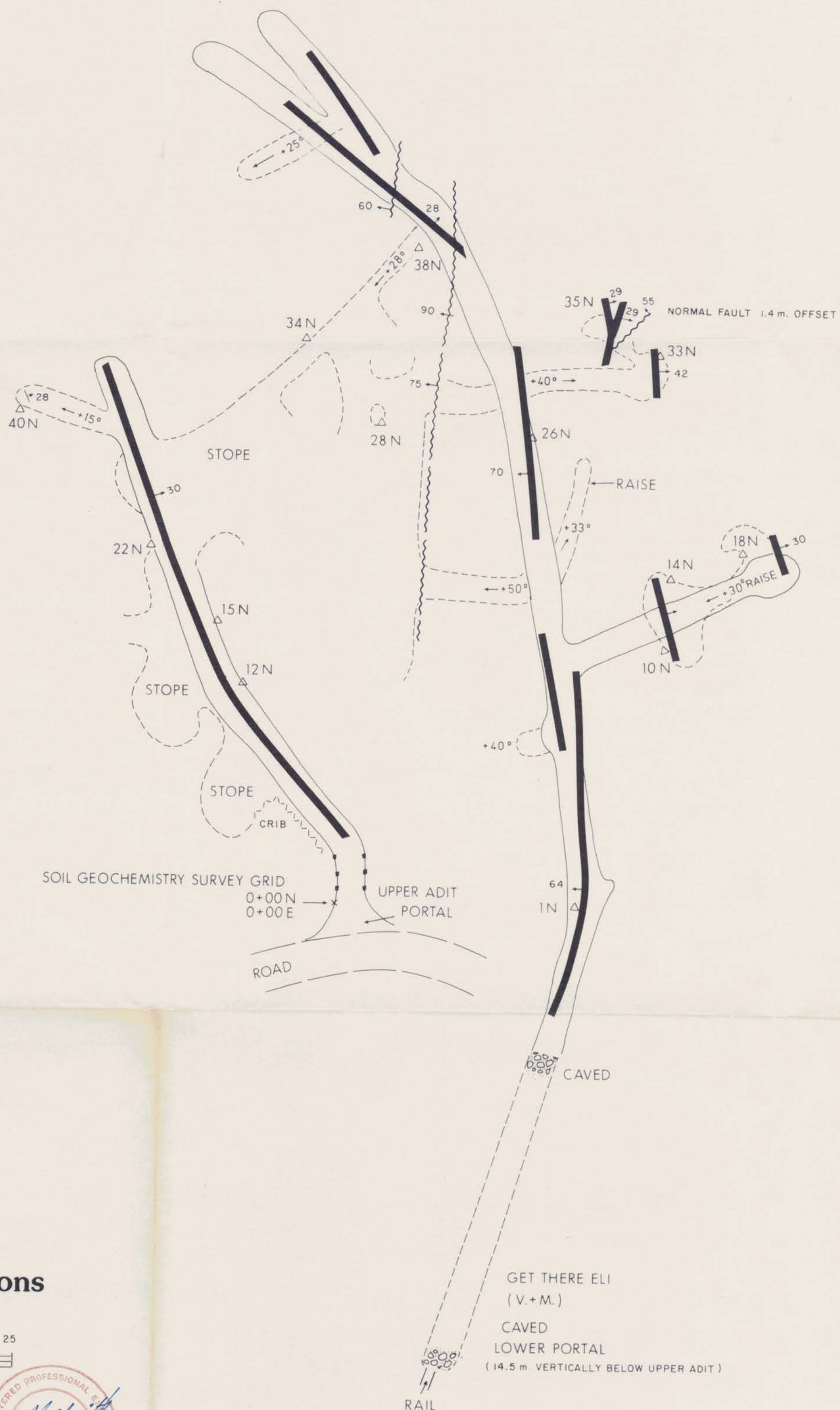
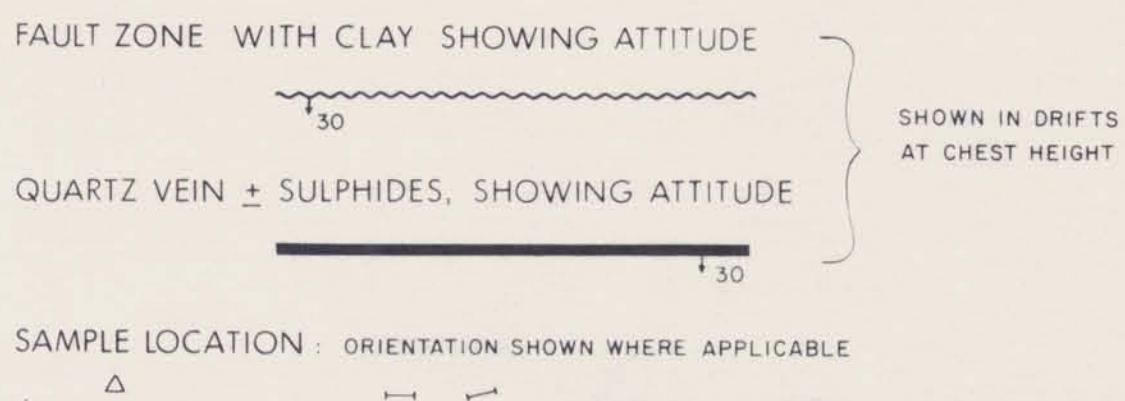
**GEOCHEMISTRY Pb/Zn**



TO ACCOMPANY REPORT BY  
 PAUL KALLOCK, GEOLOGIST  
 L.B. GOLDSMITH, P.ENG., CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES SEPTEMBER 1988

ROCK CHIP SAMPLE	TRUE WIDTH IN METRES	ASSAYS			
		% Pb	% Zn	oz./TON Ag	oz./TON Au
ELI ——— 1N	0.2	0.04	0.32	0.31	0.012
12N	0.6	0.07	0.04	12.80	0.048
15N	0.4	0.05	0.02	11.20	0.032
18N	0.15	0.04	0.02	4.55	0.034
22N	0.3	0.17	0.13	56.00	0.194
26N	0.3	< 0.01	0.01	0.85	0.004
34N	0.3	0.05	0.11	16.30	0.164
38N	1.0	< 0.01	0.01	0.42	0.006
40N	0.65	< 0.01	0.01	0.47	0.004
ELI ——— 10N	0.3	0.11	0.03	20.40	0.107
14N	0.18	0.06	0.02	14.00	0.086
28N	0.75	0.32	0.34	12.70	0.150
33N	0.22	0.08	0.06	8.46	0.076
35N	0.5	0.30	0.37	16.00	0.490



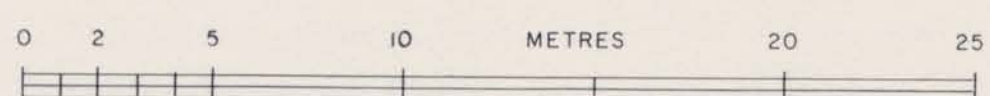
## Yukon Minerals Corporation

### Memphis Creek Project

SLOCAN MINING DIVISION NTS 82 F / 14 W

GET THERE ELI ADITS

### GEOLOGY and sample locations



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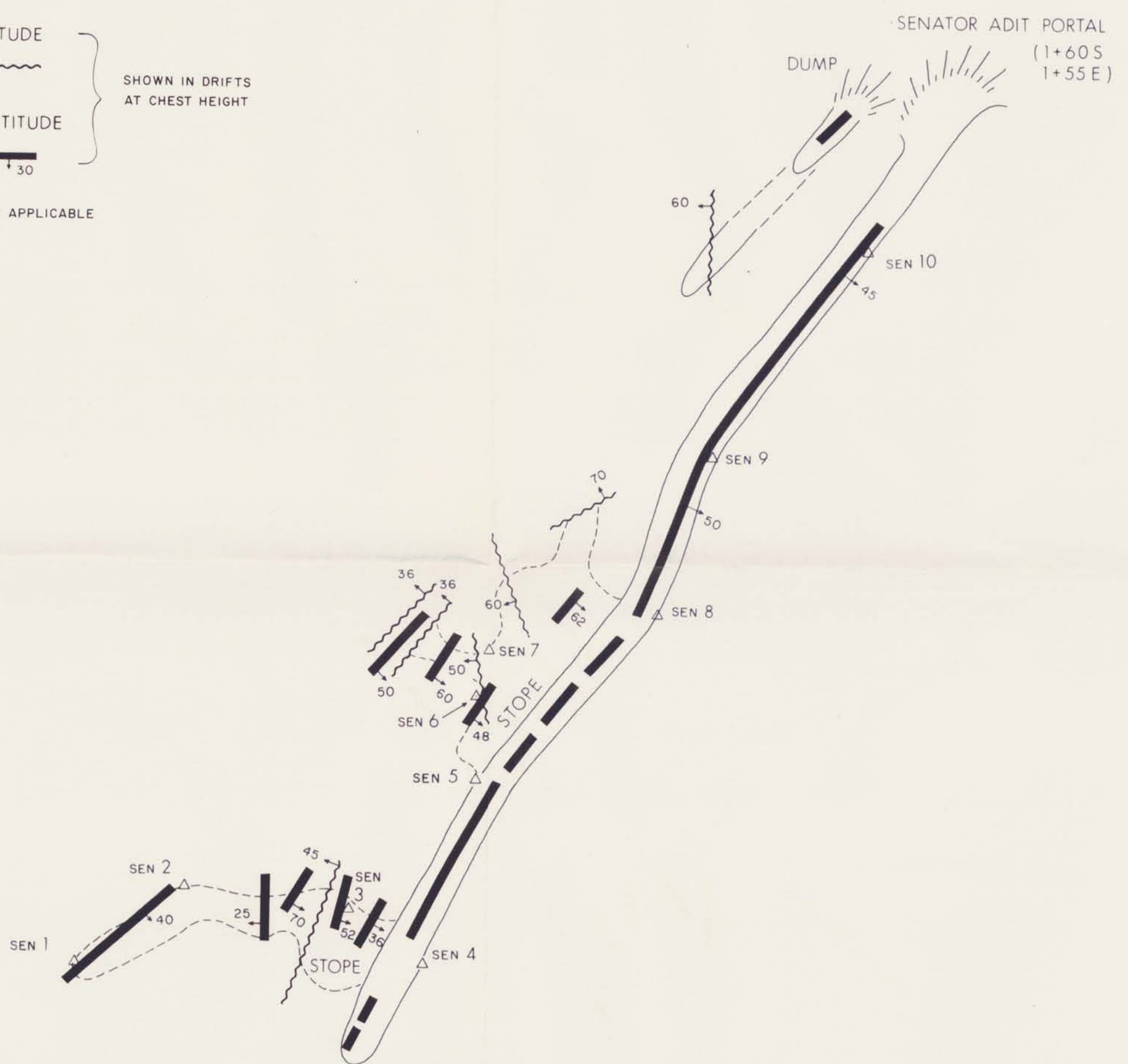
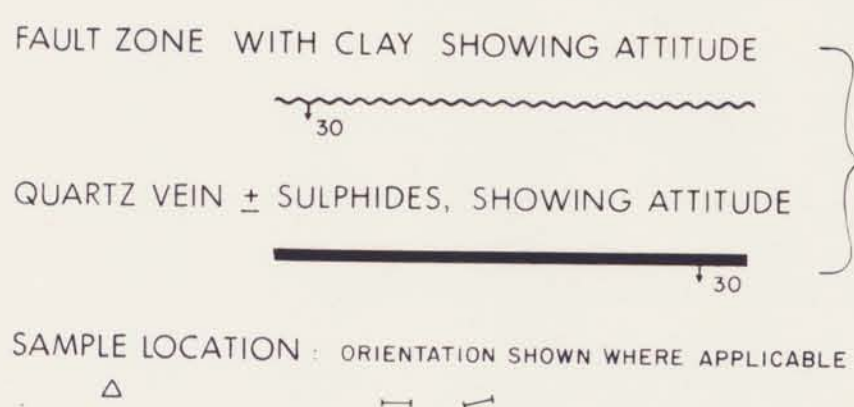
SEPTEMBER 1988

GET THERE ELI  
(V.+M.)  
CAVED  
LOWER PORTAL  
(14.5 m. VERTICALLY BELOW UPPER ADIT)

GEOLOGICAL BRANCH ASSESSMENT REPORT

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ROCK CHIP SAMPLE	SAMPLE THICKNESS TRUE WIDTH IN METRES	ASSAYS			
		% Pb	% Zn	oz./TON Ag	oz./TON Au
SENATOR — 1	0.3	0.14	0.08	11.10	0.142
2	0.15	0.03	0.01	3.91	0.020
3	0.4	0.07	0.04	7.58	0.092
4	1.0	0.03	0.02	1.87	0.018
5	0.3	0.02	0.02	1.43	0.018
6	1.5	0.05	0.01	1.78	0.012
7	0.8	0.21	<0.01	45.10	0.353
8	0.3	0.10	0.02	31.50	0.178
9	0.6	0.08	0.01	1.63	0.010
10	0.6	<0.01	0.01	0.66	0.008



## Yukon Minerals Corporation

### Memphis Creek Project

SLOCAN MINING DIVISION NTS 82 F / 14 W

SENATOR ADIT

### GEOLOGY and sample locations



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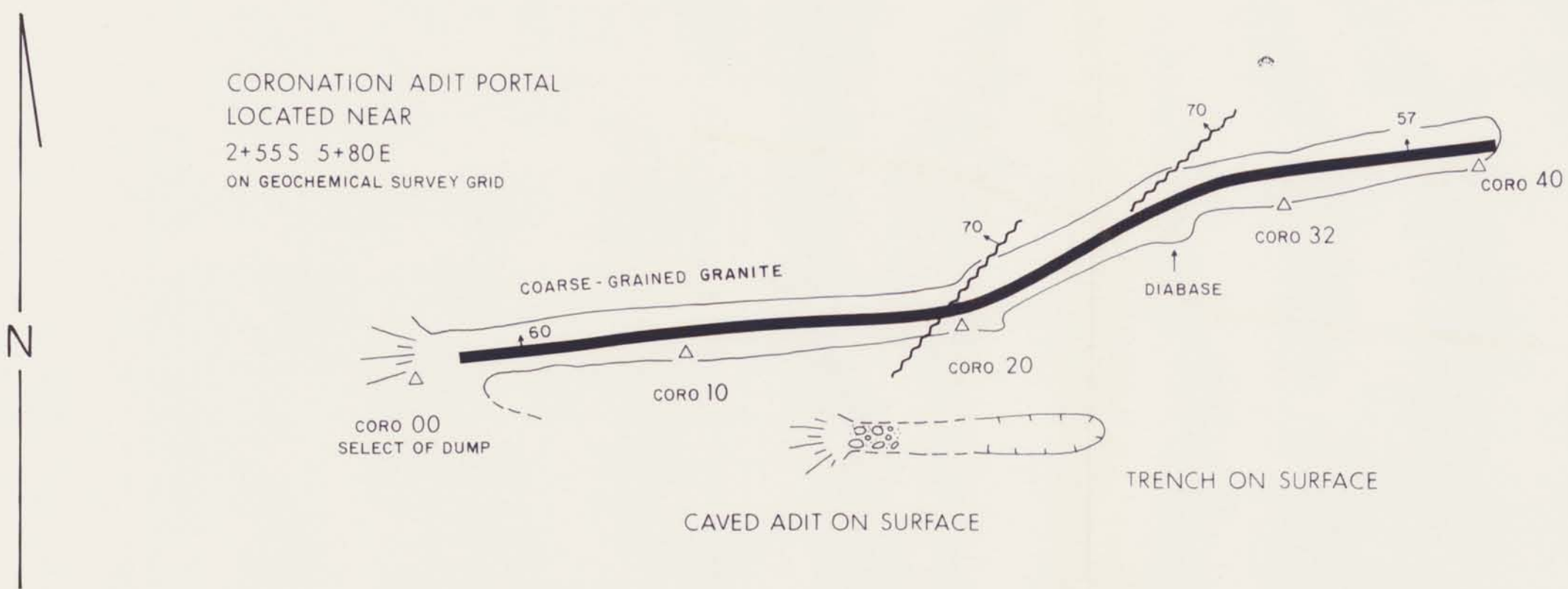
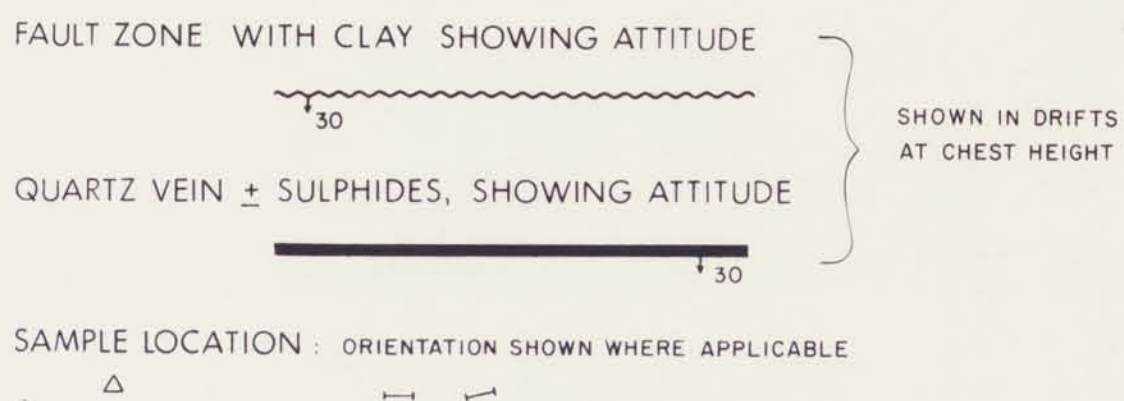
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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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ROCK CHIP SAMPLE	SAMPLE THICKNESS		ASSAYS			
	TRUE WIDTH IN METRES		% Pb	% Zn	oz./TON Ag	oz./TON Au
CORONATION 00	SELECT OF DUMP		1.20	10.90	70.40	0.012
	10	0.3	0.07	0.28	0.93	<0.002
	20	0.3	0.09	0.09	1.39	0.002
	32	0.25	0.55	1.67	19.00	0.006
	40	0.3	0.01	0.04	0.22	<0.002



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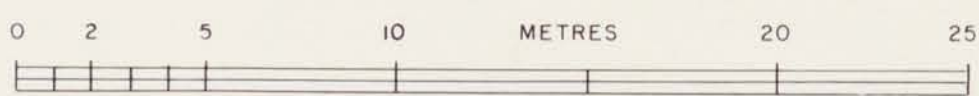
### Memphis Creek Project

SLOCAN MINING DIVISION NTS 82 F / 14 W



CORONATION ADIT

### GEOLOGY and sample locations



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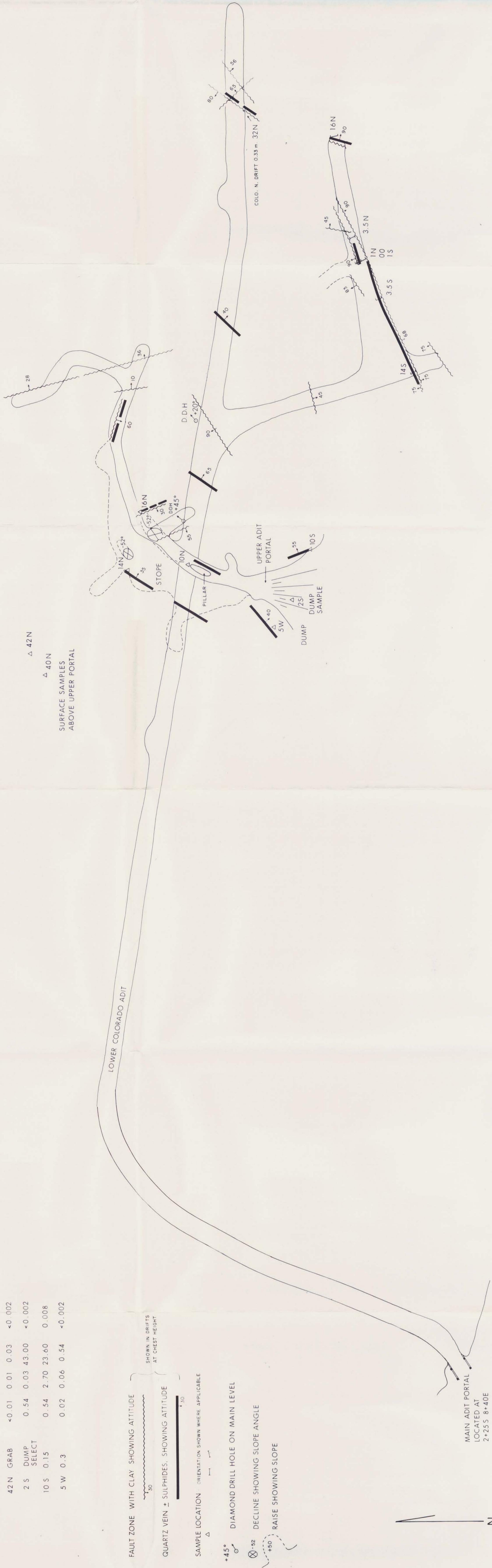
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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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ROCK CHIP SAMPLE	SAMPLE THICKNESS TRUE WIDTH IN METRES				ASSAYS			
	VEIN	Pb	Zn	Ag	%	oz./ton	%	oz./ton
COLORADO MAIN 00	0.3	2.00	1.26	0.77	0.002			
IN N.WALL 0.3	0.09	0.11	0.95	<0.002				
3.5N 0.5	0.02	0.03	0.06	<0.002				
16N 3.6	<0.01	<0.01	0.01	<0.002				
32N 0.3	<0.01	<0.01	0.01	<0.002				
1.5 SWALL 0.8	0.27	0.30	6.65	0.004				
3.5S 0.75	0.09	0.16	0.20	0.002				
14S	0.05	0.15	0.44	0.004				
COLORADO UPPER 10N 1.0	0.04	0.01	3.79	<0.002				
14N 0.7	0.10	0.01	5.91	<0.002				
16N 0.3	0.05	0.02	6.56	<0.002				
40N GRAB	<0.01	<0.01	0.07	<0.002				
42N GRAB	<0.01	0.01	0.03	<0.002				
2S DUMP SELECT	0.54	0.03	43.00	<0.002				
10S 0.15	0.54	2.70	23.60	0.008				
5W 0.3	0.02	0.06	0.54	<0.002				



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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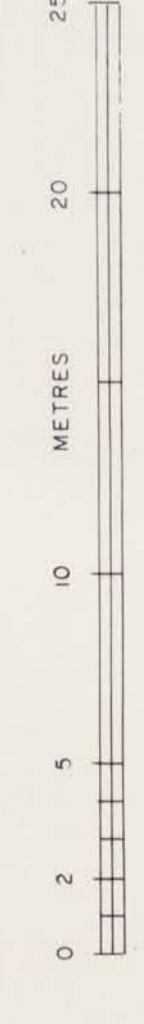
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Memphis Creek Project

SLOCAN MINING DIVISION INTS 82F/14W

COLORADO ADITS

GEOLOGY and sample locations



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