EXPLORATION REPORT ON THE SOUTH SCUD PROPERTY

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GALORE CREEK DISTRICT G. S. Davidson, P. Geol. January 1991 EXPLORATION REPORT ON THE SOUTH SCUD PROPERTY (Canyon 18, 19, 35, 36)

GALORE CREEK DISTRICT NTS 104 G/3,6

FOR: YUKON MINERALS CORPORATION 11003 84th Street Edmonton, Alberta T6G 0V6

BY:G.S. Davidson, P. Geol.

JANUARY, 1991

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SUMMARY

An exploration program was undertaken on behalf of Yukon Mineral Corporation in the Galore Creek District from August 27 to September 5, 1990. A three man crew, based at the Scud River Camp, sixty kilometres south of Telegraph Creek, utilized a 500D helicopter for set-outs and pick-ups. The South Scud, Scud Glacier and Barrington River claim groups were examined during the program.

Exploration focused on the South Scud property after the discovery of several zones of quartz-chalcopyrite veining, 500 metres east of the legal corner post for Canyon claims 18 & 19. The mineralization occurs in a series of 1-20 cm. wide quartz veins hosted by granitic rocks. Feldspar porphyry dykes parallel the vein zones. The most extensive mineralized zone outcrops on a steep slope (4,500' asl.) over a strike length of 450 metres and averages 25 metres in width. It consists of narrow quartz chalcopyrite-bornite veins, striking 120-140 degrees, in granodiorite and diorite. Grab samples assayed up to 0.12 oz./ton gold and 20.8% copper. A picket grid was established over the mineralized area to facilitate geological mapping and soil sampling. A total of 154 soil and 31 rock samples were collected and analyzed for Au-Ag-Cu-Pb-Zn-As-Sb. Geochemical anomalies (Cu-Au) are open along strike to the northwest. Peak values in copper and gold are 1550 ppm and 97 ppb respectively.

The vein zones discovered on the South Scud Property are copper porphyry style occurrences. There is good potential to find similar showings along the margin of the Hickman Pluton.

An exploration program to prospect, map and sample areas along trend of the mineralization is proposed in this report. The recommended budget for the South Scud property is \$49,875.

INTRODUCTION

The South Scud property consists of 80 units situated at the headwaters of the Scud River in the Galore Creek District, Liard Mining Division (NTS 104 G-3,6). The property is located 70 km south of Telegraph Creek in the Boundary Ranges of the Coast Mountains of northwestern British Columbia. The Galore District is the focus of a major gold-copper exploration boom. Numerous Vancouver based resource companies are actively exploring the region.

The Scud River basin was explored in the 1950's following the discovery of the Galore Creek orebody by Kennco Copper. The area of the South Scud property was investigated by Silver Standard Mines Ltd. in the mid 1960's.

In June, 1988 the Canyon 18, 19, 35, 36 claims were staked and later acquired by Homestake Mineral Development Co. and Equity Silver Mines Ltd. Reconnaissance level exploration was performed by Homestake in 1989.

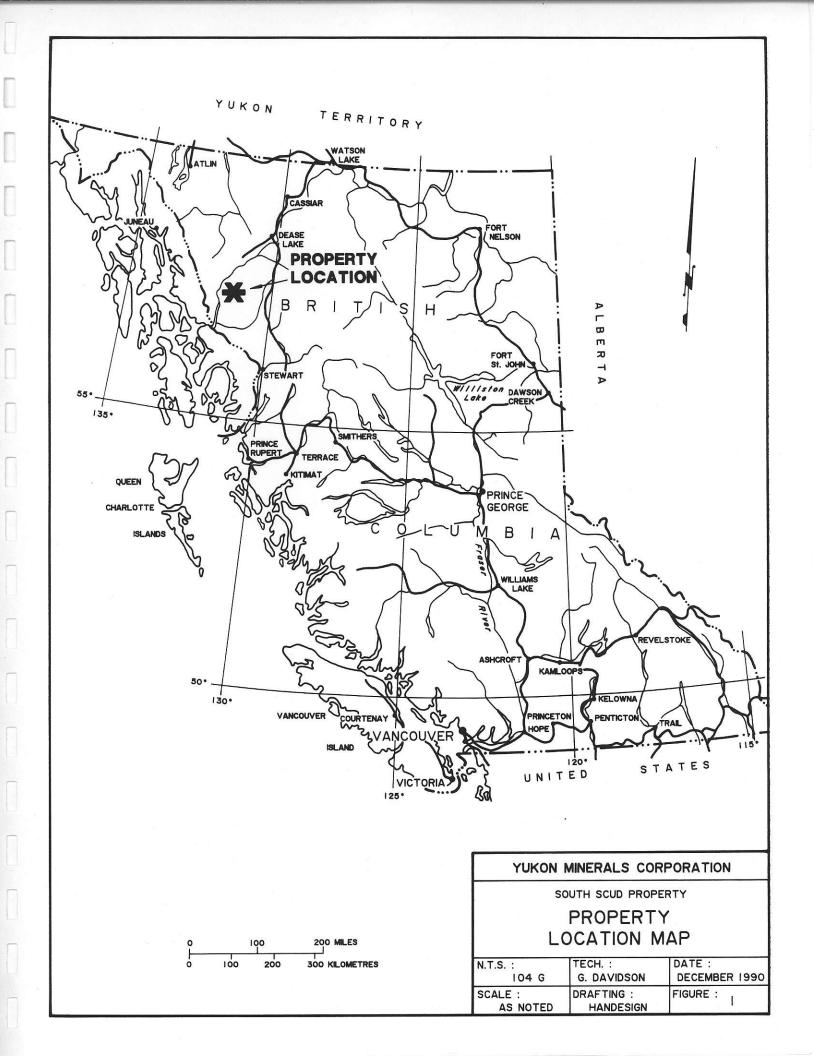
Yukon Minerals Corp. entered an agreement with Equity Silver Mines Ltd. to acquire an interest in the South Scud property in August, 1990.

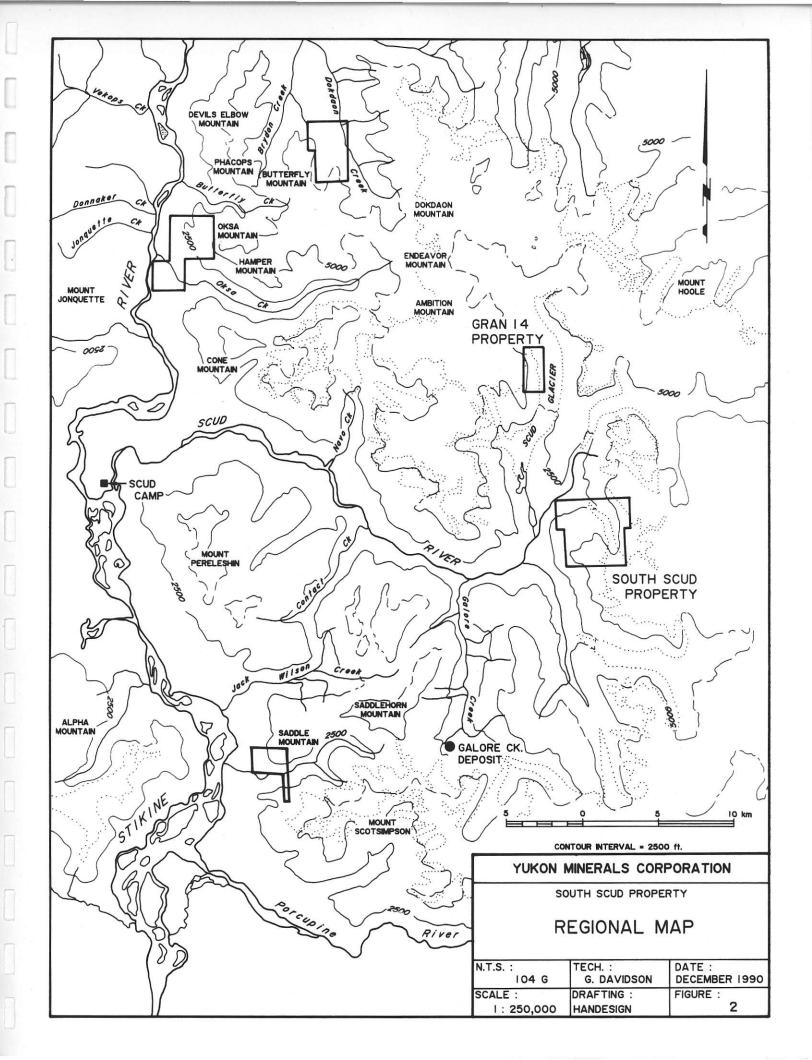
This report describes an exploration program performed by the writer assisted by R. Stack and R. Anchikoski of McCrory Holdings Ltd. from August 28 to Sept. 5, 1990. The report was prepared at the request of B. Preston, director of Yukon Minerals Corp.

LOCATION AND ACCESS

The South Scud property is located approximately 170 kilometres northwest of Stewart and 20 kilometres east of the confluence of the Stikine and Scud rivers in northwestern British Columbia (see Figures 1 & 2). Geographical coordinates are 57 deg. 15' North, 131 deg. 10' West.

Access to the area is by plane to the Scud River or Galore Creek airstrips and then by helicopter to the property. In August, 1989 the crew flew to the Scud River strip, utilizing camp facilities provided by Coast Mountain Geological Ltd. Helicopter set outs and pick ups from the Scud River Strip to the property were provided by Northern Mountain Helicopters Ltd.





PHYSIOGRAPHY

Extensive alpine topography, snowfields and glaciers surround the deep U-shaped Scud River valley. The South Scud property lies on a steep north to northwest sloping mountain face at the headwaters of the Scud River. Elevations on the property range from 450 meters at river level to 2300 meters. Glaciers cover large areas in the centre and on the eastern margin of the claim block. Below treeline (1250m) slopes are covered in dense spruce forest and thick alder brush. Higher elevations feature cliffs, talus slopes, glacial debris and snowfields. Outcrop is abundant at all levels.

The Coast Mountains of northwestern British Columbia have a cool wet climate; winters are long and snow packs are very deep. The exploration season lasts from late June to the end of September.

PROPERTY

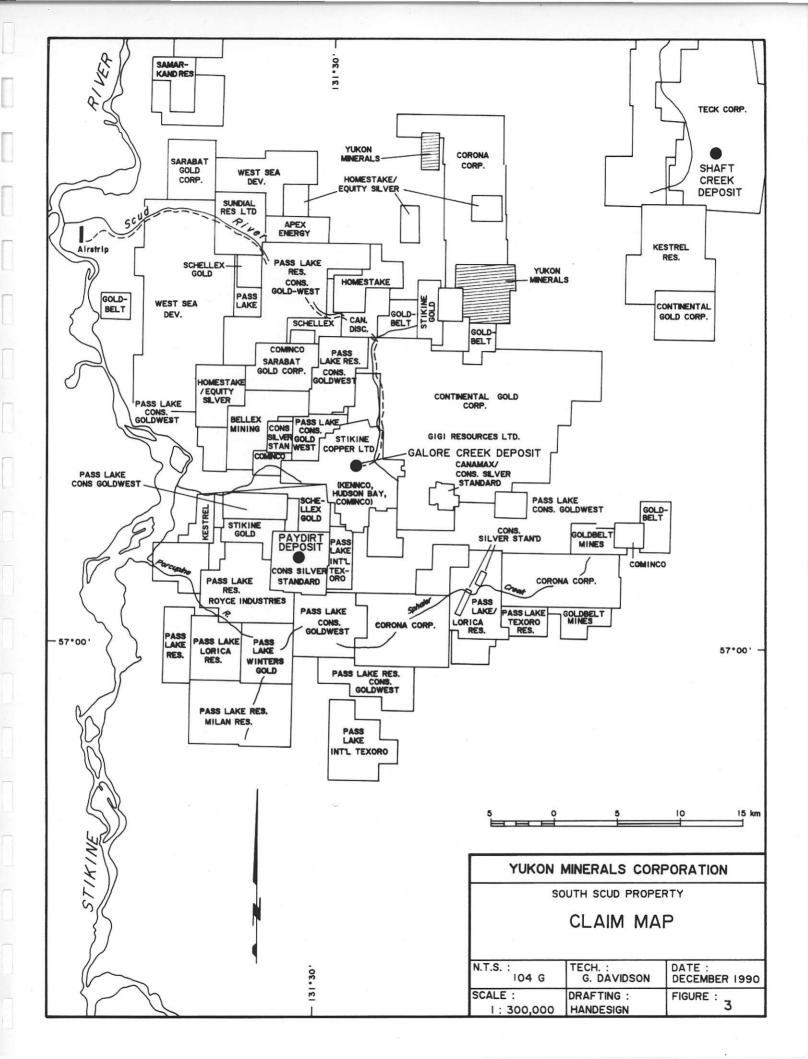
The South Scud property consists of 4 claims containing 80 units, as listed in Table 1.

TABLE 1 Claim Data

| Claim Name | Units | Record Number | Expiry Date |
|------------|-------|---------------|---------------|
| Canyon 18 | 20 | 4674 | 14 June, 1992 |
| Canyon 19 | 20 | 4675 | 14 June, 1992 |
| Canyon 35 | 20 | 4735 | 28 June, 1992 |
| Canyon 36 | 20 | 4736 | 28 June, 1992 |

The claims were staked by Mr. E. Asp and sold to Homestake Mineral Development Co. and Equity Silver Mines Ltd. Yukon Minerals Corp. is operating under the terms of an agreement to acquire an interest in the South Scud property.

The writer located the Legal Corner Posts for Canyon 18 & 19 on a large area of bedrock just bellow the terminus of the central glacier. The Legal Corner Posts for Canyon 35 & 36 were not found. Figure 3 shows the property ownership in the Galore camp.



REGIONAL GEOLOGY

The Galore Creek district lies in the Stikine Arch located on the western edge of the Intermontane Belt of the Canadian Cordillera.

Granitic batholiths of the Coast Plutonic Complex intrude the older volcano-sedimentary sequence. Recent geological mapping in the area by the Geological Survey Branch of the Ministry of Energy, Mines and Petroleum Resources of B.C. was released in Open File 1989-7 (D. Brown et al). Figure 4 shows the regional geology and the Table of Formations is presented in Table 2.

At the Scud Glacier a complex wedge of volcanic and sedimentary rocks lie on the west side of the Hickman Pluton. This wedge consists of Stikine Assemblage Permian limestones, unconformably overlain by volcanics and sediments of Triassic or older age. On the west side of the glacier fault bounded blocks of Upper Triassic Stuhini Group volcanics overlie the older undifferentiated volcanics.

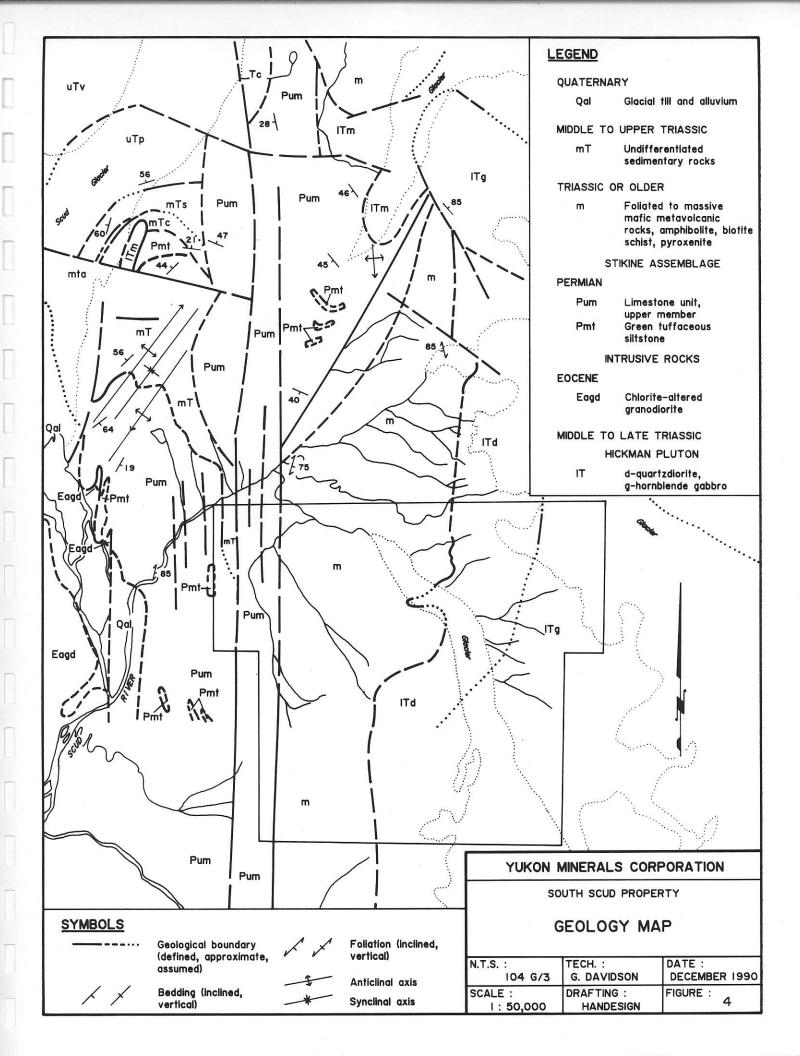
The stratified rocks are intruded by a variety of felsic rocks ranging in age from Triassic to Tertiary. Underlying much of the area is the Hickman Pluton (Triassic), a granitic body with an interesting megacrystic phase that outcrops on the South Scud property. Syenite and orthoclase porphyry stocks of Late Triassic to Early Jurassic age occur at Galore Creek and are closely associated with most of the significant showings in the district. Younger Jurassic, Cretaceous and Tertiary granodiorite to quartz diorite bodies intrude all the older units.

Porphyry copper mineralization at Galore Creek occurs in Upper Triassio volcanics intruded by syenite stocks. The Central Zone hosts reserves of 125 million tonnes grading 1.06% copper and 400ppb gold. Gold deposits in the "Golden Triangle" occur in alteration zones in siliceous Upper Triassic tuffs, and in quartz veins and shear zones related to syenite and porphyry, plugs and dykes.

HISTORY

Placer prospectors entered the Stikine drainage in the mid 1800's; a few minor occurrences were reported. By 1899-1890, the Klondike rush was in full swing and many of the stampeders travelled up the Stikine to Telegraph Creek and then overland to the Yukon River system. Lode prospecting began around this time, however little of significance was discovered until the 1950's when the Galore Creek deposit was found.

The area of the South Scud property was partially staked in 1964 by Silver Standard Mines Ltd. Geochemical sampling and mapping were reported. The claims composing the South Scud property were staked in June, 1988. Homestake performed prospecting, rock and sediment sampling and preliminary mapping in 1989. They reported minor sulphide mineralization in quartz veinlets at contacts between intrusive and volcanic rocks.



1990 EXPLORATION PROGRAM

Introduction

The 1990 field program was performed from August 27 to September 5 by a three man crew based at the Scud River airstrip. Reconnaissance traverses on the South Scud property located copper mineralization in a series of parallel quartz veins hosted by granite on the east side of the claim group. A 3.5 km picket grid was established over the showing to facilitate mapping and soil geochemistry.

Property Geology

The property is underlein by granitic intrusives of the Hickman Pluton and mafic metavolcanic and sedimentary rocks of Triassic age. Permian limestone outcrops along the western edge of the claims (see Figure 5).

The contact between the Hickman Pluton and mafic volcanic rocks runs diagonally across the property from the southwest to the northeast. The contact is a 10-50 m wide zone consisting of blocks of diorite and metasediment in coarse megacrystic granite. The contact zone is well exposed on a steep northeast facing slope on the eastern half of the property.

Downslope of the contact a complex assemblage of diorite sills in argillite lies between the pluton and mafic volcanic rocks. The metasediments contain up to 5% pyrite and produced a moderate arsenic geochemical anomaly.

Bodies of ultramafic rock intrude the Permian limestone and the mafic volcanics. The ultramafic lenses lie along thrust faults in the limestone; zones of quartz-carbonate-mariposite alteration occur at the limestone-ultramafic contact. A large body of peridotite outcrops below the LCP for Canyon 18 & 19. Serpentinization and minor quartz-carbonate alteration occurs in fractures and at the margins of the sill.

Two types of dykes intrude the sequence; an older set of grey plagioclase porphyry dykes and younger (Eocene ?) rhyolite dykes. The porphyry dykes strike 120 deg. and are cut by the younger rhyolite dykes, trending 10-30 deg.. The dykes outcrop along fault zones which are slightly gossanous. Fractures parallel to the faults host mineralized quartz veins.

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Mineralization

Mineralization occurs in fracture zones in megacrystic granite and in diorite. Argillic and propylitic alteration of the host rocks is common. The sulphide-quartz veins average 2 cm in width and are oriented parallel to the plagioclase porphyry dykes. Malachite and azurite staining covers crevices in the mineralized zones.

The main zone of veining occurs at the edge of a rocky upland where a steep scarp drops to a glacier. The edge of the upland is broken into enormous blocks with deep cracks and cliffs. The main zone has been traced for 450 m along strike and averages 25 m in width. Within the zone the distribution of individual veins is variable; concentrations average one vein for every metre of rock. Veins are composed primarily of quartz containing veinlets and blebs of chalcopyrite and minor bornita. A few veins contain sections of massive chalcopyrite, but on average they run 5% chalcopyrite. Rock samples assayed up to 3520 ppb gold and 20.8% copper.

A second zone of fracture filling quartz-chalcopyrite veining outcrops 50 m west of the baseline on grid line 3+00N. This zone

occurs in megacrystic granite beside a plagioclase porphyry dyke.

Mineralization has been traced for 100 m and averages 2 m in width. Two samples from this zone assayed up to 331 ppb gold and 2.35% copper.

The stibnite occurrence near the LCP consists of blebs and veins of stibnite in a brecciated quartz-diorite dyke intruding mafic volcanics and granodiorite. The best mineralization is exposed in the creek bed at the toe of a glacier, it consists of stibnite in the interstices between breccia fragments and in quartz veinlets. The mineralization is limited to a few narrow sections of the dyke; rock samples returned low values in gold and silver.

Thirty one rock samples were collected on the property and analyzed for Au-Ag-Cu-Pb-Zn-As-Sb. Rock sample descriptions, values and certificates of analyses are presented in Appendix 1. Sample locations are shown on Figure 5.

Soil Geochemistry

Geochemical anomalies in gold and copper are present over the main mineralized zone. The anomalies are open along strike to the southeast and northwest. The strongest response for copper is 1550 ppm and for gold is 97 ppb. Arsenic values are moderately anomalous in areas underlain by pyritic metavolcanic rock. The soil geochemistry is shown in Figures 6-8 (map pocket).

Two centour soil lines were run at the west end of the property

to cover the contact between mafic volcanics, ultramafics and limestones. Weakly anomalous values in zinc, arsenic and silver were returned from samples taken below a large area of quartz-carbonate-mariposite alteration.

DISCUSSION

The South Scud property contains copper porphyry style mineralization in granitic rocks at the western edge of the Hickman Pluton. The main showing consists of a 450 by 25 m zone of quartz-chalcopyrite-bornite veining in a fracture zone surrounding several feldspar porphyry dykes, striking 120 deg.. Samples of quartz-sulphide veins produced gold values ranging from 71-3520ppb and copper values of 0.54-20.8%. The zone occurs at the edge of a steep scarp in highly broken ground above treeline. This area would be difficult to evaluate by drilling ar trenching; however the full extent of the mineralization has yet to be established. An HEM survey over the main showing would provide data on the concentration of sulphide mineralization at depth and along strike.

Prospecting north of the grid at lower elevations and on the steep slopes east and south of the grid should be performed. Also, the potential for other mineralized zones along the margin of the Hickman Pluton is excellent.

Rock samples from the stibnite showing near the LCP and from quartz-carbonatemariposite alteration zones have produced low to background precious metal values. These targets do not warrant further evaluation.

RECOMMENDATIONS

An exploration program consisting of prospecting, grid development, geophysical surveys, mapping and sampling is recommended for the South Scud property. The following program is proposed:

| Geologist, 15 days @ \$300/day | 4,500 |
|--------------------------------------|--------|
| Prospector, 15 days @ \$225/day | 3,375 |
| Line cutters, 30 mandays @ \$200/day | 6,000 |
| HEM survey, 7 days @ \$500/day | 3,500 |
| Camp & supplies | 5,000 |
| Transportation, mob. & demob. | 17,500 |
| Assays | 1,500 |
| Report, drafting, etc. | 4,000 |
| SUB TOTAL | 45,375 |
| Contingency 10% | 4,500 |
| TOTAL | 49,875 |

REFERENCES

- Brown, D.A., and M.H. Gunning. 1989; Geology of the Scud River Area, B.C. Ministry of Mines and Petroleum Resources. Paper 1989-1.
- Kerr, F.A., 1948; Lower Stikine and Western Iskut River Areas, British Columbia, Geological Survey Memoir 246.
- Homestake Mineral Development Company, 1989; Report on Exploration Activities in the Galore Creek District for 1989.
- Souther, J.D., 1971: Telegraph Creek Map Area, B.C.; Geological Survey of Canada Paper 71-44.

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TABLE OF FORMATIONS

STRATIFIED ROCKS

QUATERNARY

Qal; Glacial Till and Alluvium

MIDDLE TO UPPER TRIASSIC

mT; Undifferentiated sedimentary rocks; graphitic argillite, black, red and green chert, green tufaceous siltstone and greywacke

TRIASSIC OR OLDER

m; Foliated to massive mafic metavolcanic rocks, amphibolite, biotite schist, minor pyroxenite

STIKINE ASSEMBLAGE

PERMIAN

Pum; Limestone Unit: Upper member

INTRUSIVE ROCKS

TERTIARY

Dykes; andesite, basalt, felsite

EOCENE

Eagd; Chlorite-altered, plagioclase-phyric granodiorite

MIDDLE TO LATE TRIASSIC

HICKMAN PLUTON

ITd; Coarse-grained, plagioclase-megacrystic, magnetite-bearing hornblende quartz diorite

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CERTIFICATE

I, GRAHAM DAVIDSON, of the City of Whitehorse, in the Yukon Territory, HEREBY CERTIFY:

- 1. That I am a consulting geologist and that I worked on the subject property in 1990.
- 2. That I am a graduate of the University of Western Ontario (H. BSc., Geology, 1981).
- 3. That I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists & Geophysicists of Alberta (No. 42038).
- 4. That I have been engaged in mineral exploration on a full time basis for nine years in the Yukon and Northwest Territories, and British Columbia.

SIGNED at Whitehorse, Yukon this 14th day of January, 1991.

G.S. DAVIDSON, P.Geol.

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| Sample No. | Sample Type | Location | Description | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm |
|---------------|----------------|---|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 18201 | Grab | Near LCP, base of glacier 4,500' | Quartz breccia zone in a grey felsic porphyry dyke contains stibnite veins along margins of fragments | 275 | 2.4 | 20 | 928 | 1170 | 460 | 6660 |
| 18202 | Grab | near 18201 4400' | Band of quartz- carbonate in peridotite minor pyrite | 34 | 0.2 | 17 | 279 | 346 | 19 | 99 |
| 18203 | Grab | 4500', see geology map | Malachite strained, altered megacrystal granodiorite and grey feldspar porphyrydike | 71 | 0.5 | 6770 | 208 | 279 | 67 | 57 |
| 18204 | Grab | same as above | Malachite stained, altered granodiorite, calcite veins | 72 | 1.1 | 2.33% | 121 | 204 | 132 | 33 |
| 18205 | Talus | West margin of claims, 3,800' | Quartz vein breccia, black graphitic matrix, limonite | 46 | 0.4 | 170 | 114 | 149 | 42 | 34 |
| 18206 | Talus | West margin of claims, 4,200' | Diorite, fine grained pyrite veins | 54 | <0.1 | 131 | 73 | 118 | 88 | 28 |

SOUTH SCUD PROPERTY

| Sample No. | Sample Type | Location | Description | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm |
|---------------|----------------|---------------------------------------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 18207 | Grab | West margin of claims at 4,500' | Serpentinized ultra mafic rock, many quartz-carbonate veinlets | 39 | <0.1 | 55 | 62 | 97 | 94 | 54 |
| 18208 | Grab | West margin of claims at 7,800' | Quartz carbonate altered ultramafic rock, fuchsite | 47 | <0.1 | 29 | 57 | 78 | 99 | 49 |
| 18209 | Talus | West margin of claims at 4,750' | Quartz vein, no sulphides | 54 | <0.1 | 73 | 112 | 164 | 45 | 3 |
| 18210 | Grab | Edge of icefield 5,500' | Megacrystal granodiorite, magnetite, limonite | 58 | 0.2 | 149 | 74 | 87 | 54 | 6 |
| 18211 | Grab | Scud grid | Argillite, 2% pyrite, heavy limonite stain | 70 | <0.1 | 208 | 57 | 94 | 113 | 16 |
| 18212 | Grab | Scud grid | Quartz vein, chalcopyrite and bornite, malachite stain, diorite | 1750 | 15.8 | 7.15% | 12 | 97 | 245 | 43 |
| 18213 | Grab | Scud grid | Chalcedony bands in megacrystal granodiorite, limonite | 75 | 2.5 | 1040 | 91 | 133 | 160 | 29 |
| 18214 | Grab | Scud grid | Narrow quartz- chalcopyrite-bornite veins in megacrystal granodiorite | 109 | 1.3 | 5470 | 9 | 25 | 125 | 17 |

South Scud Property Page 3

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| Sample No. | Sample Type | Location | Description | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm |
|---------------|----------------|-------------------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 18251 | 1m chip | Near LCP, base of glacier | Shear zone along contact between diorite and grey felsic porphyry dyke, minor stibnite and pyrite, clay gouge | 123 | <0.1 | 36 | 73 | 8.6 | 116 | 7980 |
| 18252 | Grab | same as above | Quartz-carbonate alteration zone on same shear zone described in 18251, pyrite, fuchsite | 115 | 0.2 | 78 | 32 | 169 | 2840 | 265 |
| 18253 | Grab | Near LCP | Argillite, red weathering, minor pyrite | 63 | 0.6 | 290 | 21 | 140 | 93 | 73 |
| 18254 | Grab | West margin of claims, 4,400' | Metasedimentary rock intruded by diorite, minor pyrite | 51 | 2.4 | 55 | 17 | 107 | 54 | 33 |
| 18255 | Grab | West margin of claims, 4,600' | Quartz-carbonate- fuchsite alteration zone in limestone | 52 | <0.1 | 71 | <1 | 30 | 68 | 63 |
| 18256 | Grab | same as above | Quartz breccia in shale, minor pyrite | 55 | <0.1 | 55 | 2 | 33 | 97 | 62 |
| 18257 | Grab | Scud grid | Diorite, shear zone beside rhyolite dyke, chalcopyrite | 1166 | 83.9 | 3.94% | 8 | 1009 | 174 | 45 |

South Scud Property Page 4

| Sample No. | Sample Type | Location | Description | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm |
|---------------|---------------------------------|-----------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 18258 | 1m chip | Scud grid | Chip sample across mineralized diorite, chalcopyrite | 43 | 1.1 | 1690 | 7 | 199 | 121 | 26 |
| 18259 | 1m chip | Scud grid | Brown weathering skarn zone, chalcopyrite, pyrite | 56 | 2.2 | 1710 | 4 | 82 | 74 | 26 |
| 18260 | Talus | Scud grid | Brown weathering skarn, chalcopyrite, pyrite | 1154 | 30.8 | 2.19% | 8 | 296 | 80 | 31 |
| 18261 | Grab (15 cm wide vein) | Scud grid | Quartz-chalcopyrite vein in megacrystal granodiorite, malachite staining | 2931 | 71.6 | 16.8% | 98 | 574 | 579 | 133 |
| 18265 | Grab | Scud grid | Grey feldspar porphyry dyke, chalcopyrite | 152 | 3.9 | 2.25% | 16 | 214 | 502 | 25 |
| 18266 | Grab | Scud grid | Quartz-chalcopyrite vein in granodiorite along strike from 18265 | 331 | 5.3 | 1.35% | 16 | 175 | 203 | 22 |
| 18267 | Grab | Scud grid | Quartz-carbonate breccia zone, .25m wide, minor galena and arsenopyrite | 45 | 0.4 | 359 | 2080 | 3500 | 4310 | 265 |
| 18268 | Grab | Scud grid | Shear zone, 1m wide, chalcopyrite | 45 | <0.1 | 2930 | 75 | 112 | 126 | 27 |

South Scud Property Page 5

| Sample No. | Sample Type | Location | Description | Au ppb | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | Sb ppm |
|---------------|----------------|-----------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 18272 | Grab | Scud grid | Quartz-chalcopyrite vein (5 cm wide) in granodiorite | 391 | 20.8 | 4.23% | 58 | 81 | 136 | 27 |



September 17,1990

Work Order # 08366

File # 08366a

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

| | Sample | ppb Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|-------------|--------|--------|-----------|--------|--------|--------|---------------------|--------|
| | 18201 | 275 | 2.4 | 20 | 928 | 1170 | 460 | 6660 |
| | 18202 | . 34 | 0.2 | 17 | 279 | 346 | 19 | 99 |
| | 18203 | 71 | 0.5 | 6770 | 208 | 279 | 67 | 57 |
| | 18204 | 72 | 1.1 | >10000 | 121 | 204 | 132 | 33 |
| | 18205 | 46 | 0.4 | 170 | 114 | 149 | 42 | 34 |
| | 18206 | 54 | <0.1 | 131 | 73 | 118 | 88 | 28 |
| | 18207 | 39 | <0.1 | 55 | 62 | 97 | 94 | 54 |
| | 18208 | 47 | <0.1 | 25 | 57 | 78 | 99 | 49 |
| south scud | 18209 | 54 | <0.1 | 73 | 112 | 164 | 45 | 3 |
| OCK SAMPLES | 18210 | 58 | 0.2 | 149 | 74 | 87 | 54 | 6 |
| | 18211 | 70 | < 0.1 | 208 | 57 | 94 | 113 | 16 |
| | 18212 | 1750 | 15.8 | >10000 | 12 | 97 | 245 | 43 |
| | 18213 | 75 | 2.5 | 1040 | 91 | 133 | 160 | 29 |
| | 18214 | 109 | 1.3 | 5470 | 9 | 25 | 125 | 17 |
| | 18215 | 58 | 4.8 | 1650 | 28 | 81 | 485 | 53 |
| | 18216 | 47 | 2.5 | 2330 | 80 | 138 | 356 | 54 |
| | 18217 | | 0.5 | 258 | 23 | 89 | 770 | 37 |
| | 18218 | 36 | <0.1 | 85 | < 1 | 68 | 98 | 9 |
| | 18220 | 17 | <0.1 | 34 | 13 | 33 | 44 | 12 |
| | 18221 | 44 | 0.8 | 97 | 12 | 36 | 34 | 8 |
| | 18222 | 68 | <0.1 | 46 | 11 | 71 | 51 | 28 |
| | 18223 | 75 | | 37 | 13 | 56 | 52 | 24 |
| | 18251 | 123 | <0.1 | 36 | 73 | 86 | 116 | 7980 |
| | 18252 | 115 | 0.2 | 78 | 32 | 169 | 2840 | 265 |
| | 18253 | 63 | 0.6 | 290 | 21 | 140 | 93 | 73 |
| | 18254 | 51 | 2.4 | 55 | 17 | 107 | 54 | 33 |
| | 18255 | 52 | <0.1 | 71 | <1 | 30 | 68 | 63 |
| | 18256 | 55 | <0.1 | | 2 | 33 | 97 | 62 |
| | 18257 | 1166 | 83.9 | >10000 | | 1009 | 174 | 45 |
| | 18258 | 43 | | 1690 | 8 7 | 199 | 121 | 26 |
| | 10000 | -I •J | علد و عله | 1000 | 8.9.X | 100 | يان الهنة مان. ا | .u.v |

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: [403] 668-4968 Fax: [403] 668-49



September 17,1990

Work Order # 08366

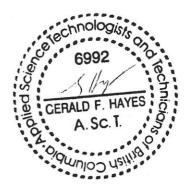
File # 08366b

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

| | Sample | ppb Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 18259 | 56 | 2.2 | 1710 | 4 | 82 | 74 | 26 |
| | 18260 | 1154 | 30.8 | >10000 | 8 | 296 | 80 | 31 |
| | 18261 | 2931 | 71.6 | >10000 | 98 | 574 | 579 | 133 |
| SOUTH SCUD | 18262 | 114 | 3.9 | 4380 | 39 | 72 | 382 | 52 |
| ROCK SAMPLES | 18263 | 69 | 7.8 | 3640 | 15 | 76 | 751 | 28 |
| | 18264 | 24 | 21.2 | >10000 | 14 | 78 | 169 | 20 |
| | 18265 | 152 | 3.9 | >10000 | 16 | 214 | 502 | 25 |
| | 18266 | 331 | 5.3 | >10000 | 16 | 175 | 203 | 22 |
| | 18267 | 45 | 0.4 | 359 | 2080 | 3500 | 4310 | 265 |
| | 18268 | 4.5 | <0.1 | 2930 | 75 | 112 | 126 | 27 |
| | 18270 | 15 | <0.1 | 232 | 61 | 53 | 75 | 16 |
| | 18271 | 4.7 | <0.1 | 136 | 41 | 17 | 93 | 20 |
| | 18272 | 391 | 20.8 | >10000 | 56 | 81 | 136 | 27 |
| 7 | 18273 | 3520 | 115.7 | >10000 | 292 | 1060 | 406 | 57 |
| | | | | | | | | |

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem



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Northern Analytical Laboratories Itd.

Seutember 1/,1990

Work Order # 08366

File # 08366c

Yuhan Minerals Corp. 17 4078 - 4th Ave. Whitchorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

| Sample | % Cu |
|----------|------|
| | |
| 18004 | 2.33 |
| 18212 . | 7.15 |
| 18:257 | 3.94 |
| 18260 | 2.19 |
| 18081 | 16.8 |
| 18264 | 1.59 |
| 18245 | 2.25 |
| 1.81.218 | 1.35 |
| 1.85771 | 4.23 |
| 18-70 | 20.8 |

Cu -- Aqua Regia Digestion/AAS Assay



B



SOUTH SCUD

SIL LINES

September 17,1990

Work Order # 08366

File # 08366d

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

| | | 5. | | | | | |
|-----------|--------|-----------|----------|---------|--------|----------|--------|
| Sample | ppb Au | a ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
| 18219 | <10 | 0.5 | 138 | 6 | 61 | 86 | 5 |
| L1 0+00N | <10 | 0.9 | 35 | 5 | 25 | 17 | 6 |
| L1 0+50N | <10 | 0.6 | 91 | <1 | 18 | 90 | 14 |
| L1 1+00N | <10 | 0.8 | 134 | 10 | 93 | 163 | 17 |
| L1 1+50N | <10 | 0.2 | 77 | 1 | 67 | 128 | 12 |
| L1 2+00N | <10 | | 144 | < 1 | | 58 | 5 |
| L1 2+50N | <10 | <0.1 | 91 | < 1 | 5 | 67 | 2 |
| L1 3+00N | <10 | 1.6 | 113 | < 1 | 2 | 68 | 5 |
| L1 3+50N | <10 | 0.8 | 72 | <1 | 1 | 57 | 1 |
| L1 4+00N | <10 | <0.1 | 72 53 | <1 1 | <1 | 63 | < 1 |
| L1 4+50N | <10 | | 114 | 1 | 41 | 129 | 6 |
| L1 5+00N | <10 | 0.1 | 48 | < 1 | 52 | 133 | 11 |
| L1 5+50N | <10 | | | < 1 | 29 | 124 | 2 |
| L1 6+00N | 10 | <0.1 | 71 | 9 | 87 | 48 | 4 |
| L1 6+50N | <10 | 0.1 | 84 | 7 | 145 | 120 | 4 |
| L1 7+00N | <10 | < 0.1 | 58 | <1 | 59 | 116 | 3 |
| L1 7+50N | <10 | <0.1 | 70 | 9 | 51 | 190 | 2 |
| L1 8+00N | 14 | 1.1 | 134 | 52 | 430 | 203 | 5 |
| | | 1.8 | | 23 | 151 | | < 1 |
| L1 9+00N | 10 | 0.3 | 48 | | 94 | 173 | < 1 |
| L1 9+50N | <10 | 0.7 | 66 | 31 | 177 | 218 | 11 |
| L1 10+00M | 1 11 | 0.8 | 78 | 18 | 98 | 146 | 20 |
| L1 10+501 | 10 | 1.3 | 158 | 24 | 368 | 218 | 37 |
| L1 11+00M | | 0.4 | 80 | 31 | 338 | 257 | 28 |
| L2 0+00N | 15 | 0.1 | 91 | 16 | 64 | 247 | 3 |
| L2 0+50N | <10 | 1.0 | 29 | <1 | 34 | 100 | 1 |
| L2 1+00N | <10 | <0.1 | | | 19 | 104 | <1 |
| L2 1+50N | <10 | | 43 | < 1 | 20 | 141 | <1 |
| | 17 | | | < 1 | 23 | 143 | <1 |
| | | <0.1 | | < 1 | 15 | 134 | <1 |
| Au 15e | g Fire | Assay/AAS | | | | rechnolo | Olsis |

Metals -- Aqua Regia Digestion/AAS Geochem

Gerald F. Haye GERALD F. Haye A.Sc. T.

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890



SOUTH SCUD GRID September 17,1990

Work Order # 08366

File # 08366e

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

| Sample | ppb Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|-------------|--------|--------|--------|--------|--------|--------|--------|
| L2 3+00N | <10 | <0.1 | 19 | < 1 | 6 | 122 | < 1 |
| L2 3+50N | <10 | < 0.1 | 14 | < 1 | 22 | 217 | < 1 |
| L2 4+00N | 61 | 0.1 | 37 | < 1 | 41 | 190 | < 1 |
| L2 4+50N | 32 | <0.1 | 17 | <1 | 24 | 208 | < 1 |
| L2 5+00N | <10 | <0.1 | 61 | < 1 | 26 | 171 | < 1 |
| L2 5+50N | | <0.1 | 56 | <1 | 43 | 191 | < 1 |
| 2+00N 0+00E | <10 | 0.4 | 141 | 14 | 65 | 74 | 7 |
| 2+00N 0+25E | | 0.4 | 178 | 11 | 64 | 86 | 5 |
| 2+00N 0+50B | 12 | 0.4 | 182 | 12 | 85 | 13 | 5 |
| 2+00N 0+75E | <10 | 0.3 | 131 | 10 | 65 | 36 | 6 |
| 2+00N 1+00E | | 0.2 | 233 | 7 | 69 | 20 | 7 |
| 2+00N 1+25B | <10 | 0.4 | 291 | - 8 | 47 | 54 | 5 |
| 2+00N 1+50E | <10 | 0.2 | 144 | 8 | 50 | 19 | 5 |
| 2+00N 1+75E | | 0.3 | 127 | 14 | 68 | 38 | 5 |
| 2+00N 2+00E | | 0.3 | 49 | 4 | 50 | 27 | 4 |
| 2+00N 2+25E | <10 | 0.3 | 61 | 11 | 28 | 31 | 5 |
| 2+00N 2+50B | <10 | 0.2 | 49 | 14 | 38 | 48 | 4 |
| 2+00N 2+75E | | 0.4 | 127 | 3 | 38 | 96 | 6 |
| 2+00N 3+00E | | 0.5 | 149 | 4 | 57 | 111 | 6 |
| 2+00N 3+25E | <10 | 0.3 | 150 | 5 | 61 | 68 | 5 |
| 2+00N 3+50E | < 1 0 | 0.3 | 99 | 6 | 46 | 96 | 6 |
| 2+00N 3+75E | 23 | | 63 | 8 | 37 | 113 | 7 |
| 3+00N 0+00W | 23 | 0.3 | 179 | 12 | 76 | 95 | 6 |
| 3+00N 0+50W | 16 | <0.1 | 266 | 6 | 77 | 164 | '7 |
| 3+00N 1+00W | 10 | <0.1 | 143 | 23 | 94 | 236 | 6 |
| 3+00N 1+50W | <10 | <0.1 | 238 | 6 | 71 | 156 | 6 |
| 3+00N 2+00W | <10 | <0.1 | 202 | 5 | 64 | 182 | 4 |
| 3+00N 2+50W | <10 | 1.0 | 199 | 4 | 86 | 201 | 5 |
| 3+00N 3+00W | 29 | 0.6 | 154 | 32 | 109 | 235 | 3 |
| | 20 | 5.0 | ~ V L | | 200 | | 2 |

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890



September 17,1990

Work Order # 08366

File # 08366f

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

ppm Sb Sample ppb Au ppm Ag ppm Cu ppm Pb ppm Zn ppm As 2 3+00N 0+25E 0.3 159 6 65 166 <10 124 4 56 149 1 3+00N 0+50E < 0.1< 103+00N 0+75E 5 <0.1 105 5468 <1 <10 4 59 96 < 1 3+00N 1+00B < 10< 0.1175 7 <0.1 223 65 108 <1 3+00N 1+25B <10 142 11 62 116 1. 3+00N 1+50B <10 0.6 8 <10 97 1 53 158 3+00N 1+75E <0.1 2 70 121 <1 153 3+00N 2+00B < 10< 0.12 3+00N 2+25E <10. < 0.1102 71 96 <1 110 49 1()4 <1 3+00N 2+50E <0.1 <1 <10 168 41 128 <1 3+00N 2+75E <10 0.2 <1 158 4 <0.1 228 4 60 3+00N 3+00E <10 123 4 3+00N 3+25E < 10< 0.1186 1 61 2 10 3+00N 3+50E 32 114 43 108

BARRINGTON IVER CUNTOUR SOIL LINE

SOUTH

SCUD

GRID

0.1 73 133 63 94 10 L4()+00(), 40.3 63 18 57 79 L4 0+50N 20141 L4 1+00N 39 0.6 130 20 101 76 95 53 0.7 190 12 L4 1+50N 147 30 L4 2+00N 33 0.5 102 6 127 12 78 126 L4 2+50N 45 0.5 9.4 174 565 96 254 L4 3+00N 224 45 91 88 12 <10 0.9 L4 3+50N 37 8 27 85 47 1.0 L4 4+00N 25 L4 4+50N 16 0.5 54 11 141 36 123 28 12 L4 5+00N 35 0.4 0.5 67 13 79 121 L4 5+50N 4617 82 115 L4 6+00N 329 0.4 48 L4 6+50N 0.3 38 7 41 30 16 64 86 30 10 L4 7+00N < 10().48 21 69 L4 7+50N 0.5 25 <10

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem



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105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: [403] 668-4968 Fax: [403] 668-4896



Y1A 4K8

September 17,1990

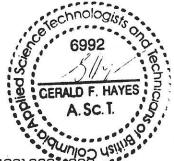
Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Work Order # 08366

File # 08366g

Assay Certificate For Samples Provided

| L4 9+50N 36 1.3 43 7 92 77 L4 10+00N <10 0.3 48 6 60 25 L4 10+50N <10 1.2 132 5 122 22 L4 11+00N 182 1.0 25 10 32 53 L4 11+50N <10 0.7 18 10 21 70 L4 12+00N <10 1.7 35 14 35 93 L4 12+50N 25 0.8 90 13 75 9 (+00N 0+00 16 <0.1 119 11 19 155 (+00N 0+50W 15 <0.1 331 17 116 244 (+00N 1+50W <10 <0.1 68 <1 28 137 (+00N 1+50W <10 <0.1 229 <1 74 177 (+00N 2+50W 18 <0.1 129 <1 49 162 (+00N 3+50W 11 <0.1 230 <1 46 149 (+00N 3+50W 12 <0.1 84 5 64 167 (+00N 3+50W 12 <0.1 82 <1 60 140 (+00N 3+50W 12 <0.1 69 <1 30 91 (+00N 3+50W 12 <0.1 69 <1 30 91 (+00N 3+50W 12 <0.1 129 <1 47 93 (+00N 3+50W 12 <0.1 129 <1 47 93 (+00N 3+50W 12 <0.1 69 <1 30 91 (+00N 3+55W 12 <0.1 69 <1 30 91 (+00N 3+55W 12 <0.1 129 <1 47 93 (+00N 3+55W 12 <0.1 129 <1 47 93 (+00N 3+55W 12 <0.1 155 <1 47 93 (+00N 0+55E <10 <0.1 124 2 37 75 (+00N 0+55E <10 <0.1 125 <1 47 93 (+00N 1+50E 15 <0.1 254 1 49 94 (+00N 1+55E <10 <0.1 129 3 33 28 (+00N 1+55E 15 <0.1 254 1 49 94 (+00N 1+55E 23 <0.1 303 10 28 49 (+00N 2+55E 23 <0.1 303 10 28 49 (+00N 2+55E 32 <0.1 1230 15 33 53 | Sample | ppb Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|--|-------------|--------|----------|--------|--------|--------|---------------|--------|
| L4 9+00N <10 1.4 44 9 46 101 1 L4 9+50N 36 1.3 43 7 92 77 L4 10+00N <10 0.3 48 6 60 25 L4 10+50N <10 1.2 132 5 122 22 L4 11+00N 182 1.0 25 10 32 53 L4 11+50N <10 0.7 18 10 21 70 L4 12+00N <10 1.7 35 14 35 93 1 L4 12+50N 25 0.8 90 13 75 9 (+00N 0+00 16 <0.1 119 11 19 155 (+00N 0+50W 15 <0.1 331 17 116 244 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 <100 | L4 8+00N | <10 | 0.5 | 26 | | | | 5 |
| L4 9+50N 36 1.3 43 7 92 77 L4 10+00N <10 0.3 48 6 60 25 L4 10+50N <10 1.2 132 5 122 22 L4 11+00N 182 1.0 25 10 32 53 L4 11+50N <10 0.7 18 10 21 70 L4 12+00N <10 1.7 35 14 35 93 L4 12+50N 25 0.8 90 13 75 9 (+00N 0+50N 15 <0.1 331 17 116 244 (+00N 0+50N 15 <0.1 331 17 116 244 (+00N 1+50N <10 <0.1 68 <1 28 137 (+00N 1+50N <10 <0.1 229 <1 74 177 (+00N 2+50N 18 <0.1 129 <1 49 162 (+00N 2+50N 11 <0.1 84 5 64 167 (+00N 3+50N 12 <0.1 84 5 64 167 (+00N 3+50N 12 <0.1 82 <1 60 140 (+00N 2+50N 12 <0.1 69 <1 30 91 (+00N 3+50N 36 <0.1 84 5 64 167 (+00N 3+50N 36 <0.1 119 11 <1 25 62 (+00N 3+50N 36 <0.1 119 <1 30 91 (+00N 0+55E 19 <0.1 155 <1 47 93 (+00N 0+5E 19 <0.1 155 <1 47 93 (+00N 1+5E 19 <0.1 129 3 33 28 (+00N 1+5E 15 <0.1 254 1 49 94 (+00N 1+5E 23 <0.1 303 10 28 49 (+00N 2+5E 23 <0.1 303 10 28 49 (+00N 2+5E 23 <0.1 303 10 28 49 (+00N 2+5E 25 23 <0.1 303 10 28 49 (+00N 2+5E | L4 8+50N | 25 | 1.0 | 148 | | | 3 | 4 |
| L4 10+00N <10 0.3 48 6 60 25 L4 10+50N <10 1.2 132 5 122 22 L4 11+00N 182 1.0 25 10 32 53 L4 11+50N <10 0.7 18 10 21 70 L4 12+00N <10 1.7 35 14 35 93 L4 12+50N 25 0.8 90 13 75 9 4+00N 0+00 16 <0.1 119 11 19 155 (400N 0+00 16 <0.1 331 17 116 244 $-$ 4+00N 1+50N <10 <0.1 68 <1 28 137 4+00N 1+50N <10 <0.1 276 16 132 315 4+00N 2+50N 18 <0.1 129 <1 49 162 4+00N 3+05N 18 <0.1 230 <1 46 149 $-$ 4+00N 3+05N 12 <0.1 84 5 64 167 4+00N 3+05N 12 <0.1 82 <1 60 140 $-$ 4+00N 3+05N 12 <0.1 84 5 64 167 4+00N 3+05N 12 <0.1 82 <1 60 140 $-$ 4+00N 3+55N 12 <0.1 82 <1 60 140 $-$ 4+00N 3+55N 12 <0.1 84 5 64 64 167 4+00N 3+55N 12 <0.1 84 5 64 64 67 4+00N 3+05N 15 <0.1 155 <1 47 93 $-$ 4+00N 1+55E <10 <0.1 155 <1 47 93 $-$ 4+00N 1+55E 19 <0.1 155 <1 47 93 $-$ 4+00N 1+55E 19 <0.1 155 <1 47 93 $-$ 4+00N 1+55E 15 <0.1 254 1 49 94 4+00N 1+55E 15 <0.1 254 1 5 33 53 4+00N 2+55E 23 <0.1 1230 15 33 53 4+00N 2+55E 23 <0.1 1230 15 33 53 4+00N 2+55E 23 <0.1 1230 15 33 53 4+00N 2+55E 32 <0.1 1230 15 33 53 4+00N 2+55E 32 <0.1 1230 15 33 53 4+00N 2+55E 32 $-$ | L4 9+00N | <10 | 1.4 | 44 | | | | 10 |
| L4 $10+50N$ <10 1.2 132 5 122 22 L4 $11+00N$ 182 1.0 25 10 32 53 L4 $11+50N$ <10 0.7 18 10 21 70 L4 $12+00N$ <10 1.7 35 14 35 93 11 L4 $12+50N$ 25 0.8 90 13 75 9 (400N 0+00 16 <0.1 119 11 19 155 (400N 0+50W 15 <0.1 331 17 116 244 (400N 0+50W 10 <0.1 276 16 132 315 (400N 1+50W <10 <0.1 229 <1 74 177 (400N 2+50W 18 <0.1 1230 <1 49 162 (400N 3+00W 11 <0.1 230 <1 49 162 (400N 3+50W 36 <0.1 84 5 64 167 (400N 3+50W 36 <0.1 84 5 64 167 (400N 3+50W 36 <0.1 111 <1 25 62 (400N 0+25E <10 <0.1 1230 30 91 (400N 0+25E <10 <0.1 1254 47 93 (400N 0+25E <10 <0.1 1254 149 94 (400N 1+50E 15 <0.1 254 149 94 (400N 1+55E 16 <0.1 | L4 9+50N | 36 | 1.3 | 4.3 | 7 | 92 | '7 ' 7 | 9 |
| L411+00N1821.025103253L411+50N<100.718102170L412+00N<101.735143593L412+50N250.89013759(400N 0+0016<0.11191119155(400N 0+50W15<0.133117116244(400N 0+50W15<0.168<128137(400N 1+00W<10<0.127616132315(400N 1+50W<10<0.1230<174177(400N 2+50W18<0.1129<149162(400N 3+00W11<0.1230<146149(400N 3+50W36<0.184564167(400N 3+50W36<0.182<160140(400N 0+25E<10<0.1155<14793(400N 0+50E63<0.1111<12562(400N 0+50E63<0.1111<12562(400N 0+50E63<0.1119<14071(400N 0+50E63<0.1119<14071(400N 0+50E63<0.112423775(400N 0+50E15<0.125414994(400N 1+50E15<0.1 | L4 10+00M | 1 <10 | 0.3 | 48 | 6 | 60 | 25 | 3 |
| L411+50N<100.718102170L412+00N<10 | L4 10+50M | 1 <10 | 1.2 | 132 | 5 | 122 | 22 | 6 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | L4 11+00h | 182 | 1.0 | 25 | 10 | 32 | 53 | 8 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | L4 11+501 | 1 <10 | 0.7 | 18 | 10 | 21 | 70 | 8 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | L4 12+00t | 1 < 10 | 1.7 | 35 | 14 | 35 | 93 | 12 |
| $ \begin{pmatrix} 4400 & 0+50W & 15 & < 0.1 & 331 & 17 & 116 & 244 \\ 4400 & 1+00W & < 10 & < 0.1 & 68 & < 1 & 28 & 137 \\ 4400 & 1+50W & < 10 & < 0.1 & 276 & 16 & 132 & 315 \\ 4400 & 2+00W & < 10 & < 0.1 & 229 & < 1 & 74 & 177 \\ 4400 & 2+50W & 18 & < 0.1 & 129 & < 1 & 49 & 162 \\ 4400 & 3+00W & 11 & < 0.1 & 230 & < 1 & 46 & 149 \\ 4400 & 3+50W & 36 & < 0.1 & 84 & 5 & 64 & 167 \\ 4400 & 3+50W & 36 & < 0.1 & 82 & < 1 & 60 & 140 \\ 4400 & 3+55W & 36 & < 0.1 & 69 & < 1 & 30 & 91 \\ 4400 & 0+25E & < 10 & < 0.1 & 69 & < 1 & 30 & 91 \\ 4400 & 0+55E & 63 & < 0.1 & 111 & < 1 & 25 & 62 \\ 4400 & 0+55E & 63 & < 0.1 & 111 & < 1 & 25 & 62 \\ 4400 & 0+55E & 63 & < 0.1 & 119 & < 1 & 40 & 71 \\ 4400 & 0+75E & 19 & < 0.1 & 155 & < 1 & 47 & 93 \\ 4400 & 1+55E & 10 & < 0.1 & 254 & 1 & 49 & 94 \\ 4400 & 1+55E & 15 & < 0.1 & 254 & 1 & 49 & 94 \\ 4400 & 1+55E & 16 & < 0.1 & 156 & 5 & 45 & 86 \\ 4400 & 1+75E & 16 & < 0.1 & 129 & 3 & 33 & 28 \\ 4400 & 1+75E & 16 & < 0.1 & 303 & 10 & 28 & 49 \\ 4400 & 2+55E & 23 & < 0.1 & 303 & 10 & 28 & 49 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 32 & < 0.1 & 1230 & 15 & 33 & 53 \\ 4400 & 2+55E & 2+55E$ | L4 12+501 | 1 25 | 0.8 | 90 | 13 | | 9 | 7 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | (4+00N 0+00 | 16 | < 0.1 | 119 | 11 | 19 | 155 | 4 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 4+00N 0+50W | 15 | <0.1 | 331 | 17 | 116 | 244 | < 1 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 4+00N 1+00W | <10 | <0.1 | 68 | < 1 | 28 | 137 | <1 |
| 4+00N 2+50N 18 < 0.1 129 < 1 49 162 $4+00N 3+00N$ 11 < 0.1 230 < 1 46 149 $4+00N 3+50N$ 36 < 0.1 84 5 64 167 $4+00N 3+50N$ 12 < 0.1 82 < 1 60 140 $4+00N 3+55N$ 12 < 0.1 82 < 1 60 140 $4+00N 0+25E$ < 10 < 0.1 69 < 1 30 91 $4+00N 0+50E$ 63 < 0.1 111 < 1 25 62 $4+00N 0+50E$ 63 < 0.1 155 < 1 47 93 $4+00N 1+00E$ 26 < 0.1 1124 2 37 75 $4+00N 1+50E$ 15 < 0.1 254 1 49 94 $4+00N 1+75E$ 16 < 0.1 156 5 45 86 $4+00N 1+75E$ 16 < 0.1 129 3 33 28 $4+00N 1+75E$ 16 < 0.1 129 3 33 28 $4+00N 2+00E$ 32 < 0.1 1230 15 33 53 | 4+00N 1+50W | <10 | <0.1 | 276 | 16 | 132 | 315 | 2 |
| 4+00N 3+00W 11 <0.1 | 4+00N 2+00W | <10 | < 0.1 | 229 | < 1 | 74 | 177 | <1 |
| 4+00N 3+50W 36 <0.1 | 4+00N 2+50W | 18 | <0.1 | 129 | < 1 | 49 | 162 | 4 |
| 4+00N 3+85W 12 <0.1 | 4+00N 3+00W | 11 | <0.1 | 230 | <1 | 46 | 149 | < 1 |
| 4+00N 0+25E <10 | 4+00N 3+50W | 36 | <0.1 | 84 | 5 | 64 | 167 | <1 |
| 4+00N 0+50E 63 <0.1 | 4+00N 3+85W | 12 | <0.1 | 82 | < 1 | 60 | | < 1 |
| 4+00N 0+75E 19 <0.1 | 4+00N 0+25E | < 1 0 | <0.1 | 69 | <1 | 30 | | < 1 |
| 4+00N 1+00E 26 <0.1 | 4+00N 0+50E | 63 | <0.1 | 111 | <1 | 25 | | 3 |
| 4+00N 1+25E <10 | 4+00N 0+75E | 19 | <0.1 | 155 | < 1 | 47 | | < 1 |
| 4+00N 1+50E 15 <0.1 | 4+00N 1+00E | 26 | <0.1 | 119 | < 1 | | | < 1 |
| 4+00N 1+75E 16 <0.1 | 4+00N 1+25E | < 1.0 | <0.1 | 124 | 2 | 37 | 75 | <1 |
| 4+00N 2+00E 32 0.1 129 3 33 28 4+00N 2+25E 23 <0.1 | 4+00N 1+50E | 15 | <0.1 | 254 | | 49 | | 1 |
| 4+00N 2+25E 2.3 < 0.1 30.3 10 28 49 4+00N 2+50E 32 < 0.1 1230 15 33 53 | 4+00N 1+75B | 16 | <0.1 | 156 | | 45 | | < 1 |
| 4+00N 2+50E 32 <0.1 1230 15 33 53 | 4+00N 2+00B | 32 | 0.1 | 129 | 3 | 33 | 28 | < 1 |
| 4+00N 2+50E 32 <0.1 1230 15 33 53 | 4+00N 2+25B | 2.3 | < () . 1 | 303 | 10 | 28 | 49 | <1 |
| 4+00N 2+75R 44 <0.1 143 17 28 43 | 4+00N 2+50E | 32 | <0.1 | 1230 | 15 | 33 | | <1 |
| | 4+00N 2+75E | 44 | <0.1 | 143 | 17 | 28 | 43 | < 1. |

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: [403] 668-4968 Fax: [403] 668-496

SOUTH SCUD GRID



September 17,1990

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8 Work Order # 08366

File # 08366h

Assay Certificate For Samples Provided

| Sample | pr | ob Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|-------------|----|-------|--------|--------|--------|--------|--------|--------|
| 4+00N 3+00E | | 46 | 0.1 | 6 | 5 | 19 | 88 | < 1 |
| 4+00N 3+25E | | 50 | <0.1 | 36 | 3 | 13 | 45 | < 1. |
| 4+50N 0+00 | | 4.3 | <0.1 | 113 | < 1 | 4() | 130 | < 1 |
| 4+50N 0+25E | | 37 | <0.1 | 112 | <1 | 31 | 151 | 1. |
| 4+50N 0+50E | | 50 | <0.1 | 195 | < 1 | 44 | 128 | < 1 |
| 4+50N 0+75B | | 28 | <0.1 | 103 | < 1 | 28 | 139 | < 1 |
| 4+50N 1+00E | | 36 | <0.1 | 66 | < 1 | 41 | 204 | < 1 |
| 4+50N 1+25E | | 97 | < 0.1 | 58 | < 1 | 45 | 167 | < 1 |
| 4+50N 1+50B | | 55 | <0.1 | 96 | <1 | 27 | 75 | < 1 |
| 4+50N 1+75E | | 12 | <0.1 | 244 | <1 | 29 | 144 | < 1. |
| 4+50N 2+00B | | 35 | <0.1 | 754 | 13 | 28 | 189 | 8 |
| 4+50N 2+25B | | 20 | < 0.1 | 22 | 1 | 12 | 117 | < 1 |
| 4+50N 2+50E | | 27 | <0.1 | 493 | 6 | 45 | 187 | < 1 |
| 4+50N 2+75E | | 28 | <0.1 | 38 | 4 | 16 | 165 | < 1 |
| 5+00N 0+00 | | 32 | <0.1 | 22 | 2 | < 1 | 188 | < 1 |
| 5+00N 0+50W | | 23 | <0.1 | 73 | 5 | 28 | 165 | <1 |
| 5+00N 1+00W | | . 26 | <0.1 | 62 | 5 | 20 | 196 | <1 |
| 5+00N 1+50W | | 22 | <0.1 | 132 | 36 | 98 | 304 | < 1 |
| 5+00N 2+00W | | | ins | | | | | |
| 5+00N 2+50W | | 39 | <0.1 | 85 | 1 | 85 | 668 | < 1. |
| 5+00N 3+00W | | 15 | <0.1 | 20 | < 1 | 43 | 46 | < 1 |
| 5+00N 3+50W | | 61 | <0.1 | 18 | 3 | 14 | . 88 | < 1. |
| 5+00N 4+00W | | 38 | <0.1 | 157 | 28 | 1.09 | 339 | 4 |
| 5+00N 0+25E | | 42 | <0.1 | 198 | 41 | 140 | 308 | < 1 |
| 5+00N 0+50K | | 47 | <0.1 | 87 | 16 | 64 | 170 | < 1 |
| 5+00N 0+75B | | 3.3 | 0.2 | 232 | 5 | 45 | 81 | < 1 |
| 5+00N 1+00E | | 19 | <0.1 | 24 | 11 | 20 | 36 | < 1 |
| 5+00N 1+25E | | 23 | <0.1 | 253 | 14 | 43 | 118 | 1 |
| 5+00N 1+50E | | 39 | <0.1 | 41 | 8 | 31 | 50 | < 1. |
| 5+00N 1+75E | | 73 | <0.1 | 1550 | 4 | 58 | 81 | 6 |

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

SOUTH SCUD GRID



September 17,1990

Work Order # 08366

File # 08366i

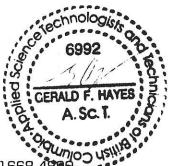
Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8

Assay Certificate For Samples Provided

| Sample | ppb Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|-------------|--------|--------|--------|--------|--------|--------|--------|
| 5+00N 2+00E | 36 | 0.5 | 110 | 23 | 22 | 61 | < 1 |
| 5+00N 2+25E | 25 | <0.1 | 583 | 11 | 53 | 52 | 4 |
| 5+00N 2+50E | 24 | <0.1 | 130 | 10 | 25 | 75 | < 1 |
| 5+50N 0+00 | 49 | <0.1 | 194 | 58 | 164 | 325 | 12 |
| 5+50N 0+25B | < 1.0 | <0.1 | 46 | 5 | 46 | 148 | 5 |
| 5+50N 0+50E | 31 | <0.1 | 134 | 5 | 47 | 160 | 2 |
| 5+50N 0+75E | 41 | <0.1 | 27 | 12 | 31 | 126 | < 1. |
| 5+50N 1+00B | 47 | < 0.1 | 79 | 20 | 63 | 180 | 3 |
| 5+50N 1+25K | 73 | 0.2 | 228 | 8 | 84 | 305 | 6 |
| 5+50N 1+50E | 17 | < 0.1 | 127 | 1 | 42 | 223 | 8 |
| 5+50N 1+75E | 24 | 0.2 | 45 | 4 | 22 | 166 | 1 |
| 5+50N 2+00B | 10 | < 0.1 | 18 | 2 | 36 | 97 | < 1 |
| 5+50N 2+25B | 18 | <0.1 | 118 | 1 | 39 | 176 | 7 |
| 5+50N 2+50B | 40 | <0.1 | 264 | 5 | 51 | 162 | 6 |
| 5+50N 2+75E | 31 | <0.1 | 402 | 4 | 55 | 188 | 2 |
| 6+00N 0+25E | 27 | <0.1 | 133 | < 1 | 32 | 213 | 4 |
| 6+00N 0+50E | 38 | <0.1 | 179 | 10 | 58 | 233 | 6 |
| 6+00N 0+75E | 16 | <0.1 | 53 | 26 | 4() | 173 | < 1 |
| 6+00N 1+00E | 36 | <0.1 | 109 | 7 | 54 | 237 | 3 |
| 6+00N 1+25E | 3.3 | < 0.1 | 210 | 1 | 45 | 280 | 6 |
| 6+00N 1+50B | 49 | <0.1 | 38 | <1 | 33 | 201 | 1 |
| 6+00N 1+75E | 46 | <0.1 | 149 | 1 | 83 | 277 | 5 |
| 6+00N 2+00B | <10 | <0.1 | 59 | 3 | 32 | 228 | 2 |
| 6+00N 2+25E | <10 | <0.1 | 257 | 2 | 64 | 223 | 4 |
| 6+00N 0+50W | <10 | <0.1 | 182 | 1 | 46 | 256 | 8 |
| 6+00N 1+00W | <10 | <0.1 | 140 | 36 | 124 | 352 | 5 |
| 6+00N 1+50W | 12 | 0.7 | 136 | 6 | 167 | 363 | 12 |
| 6+00N 2+00W | < 1.0 | 0.4 | 94 | 5 | 80 | 203 | 5 |
| 6+00N 2+50W | 10 | <0.1 | 83 | <1 | 48 | 261 | 7 |
| 6+00N 3+00W | 13 | < 0.1 | 41 | <1 | 51 | 175 | 4 |

Au -- 15g Fire Assay/AAS

Metals -- Aqua Regia Digestion/AAS Geochem



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-489

SOUTH SCUD GRID



September 17,1990

Work Order # 08366

File # 08366j

Yukon Minerals Corp. 17 - 4078 - 4th Ave. Whitehorse, Yukon Y1A 4K8


| Assay Certificate | For | Samples | Provided |
|-------------------|-----|---------|----------|
|-------------------|-----|---------|----------|


| | Sample | ppb Au | ppm Ag | ppm Cu | ppm Pb | ppm Zn | ppm As | ppm Sb |
|------------|-------------|--------|--------|--------|--------|--------|--------|--------|
| SOUTH SCUD | 6+00N 3+50W | <10 | <0.1 | 4() | 3 | 37 | 143 | < 1 |
| GRID | 6+00N 4+00W | 11 | | 84 | 13 | 76 | 202 | < 1 |

Au -- 15g Fire Assay/AAS Metals -- Aqua Regia Digestion/AAS Geochem









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| | | | 2+00 | | | | 00 + 0 + 0 | | | | | |
|----------------|---------------------------|--------|---------|---------|---------|--------------|------------------|--------|-----|--|--|----------|
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 33) 210 | 49 | 46 | <10 | <10 | | | | | | | | <u>-</u> |
| | . — | | | | | | | | | | | |
| 73) | +7 0 27 | 24 | 10 | | | 31 | | | | | | |
| | | | | | | | | | · | | | |
| 23 | 39 | 73 | 36 | 25 | 24 | | | | | | | |
| 253 | 41 | 1550 | 110 | 583 | 130 | | | | | | | |
| 97 | | | 35 | | 27 | | | | | | | |
| 58 | - 0 | 244 | | 22 | 493 | 38 | | | | | | |
| | | | | | | | 46 | | | | | |
| 124 | 254 | | 129 | 303 | 0 | 0 | 6 | 36 | • · | | | |
| | | | | | | | | | | | | |
| | | | -10 | <10 | <10 | | | <10 | | | | |
| | | | | | | \sim | | \cap | | | | |

141 178 182 131 283 291 144 127 49 61 49 127 149 150 99 63

. 7+00N

L 6+00N L 5+50N

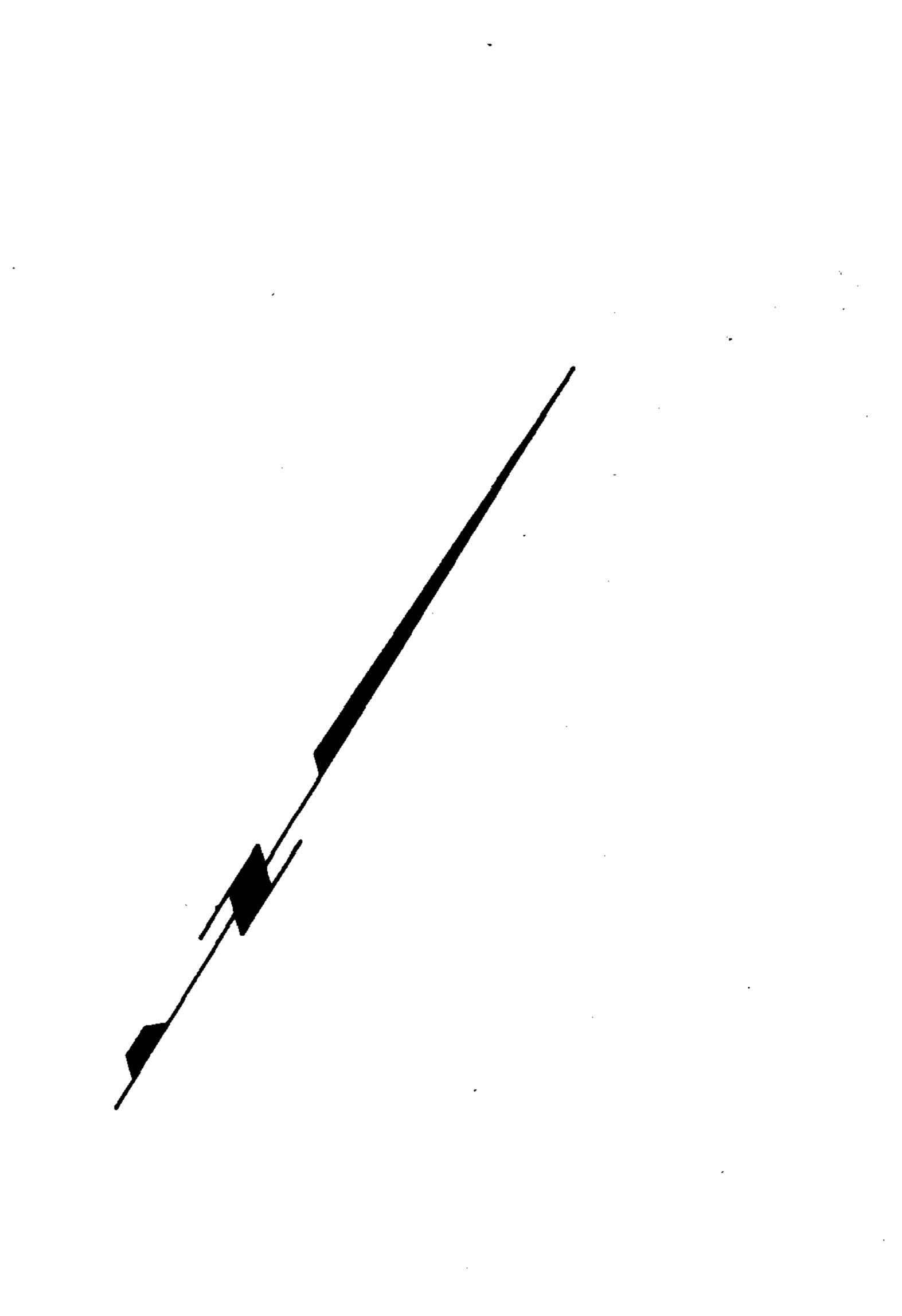
L 5+00N L 4 + 50N

L 4+00N3+00N

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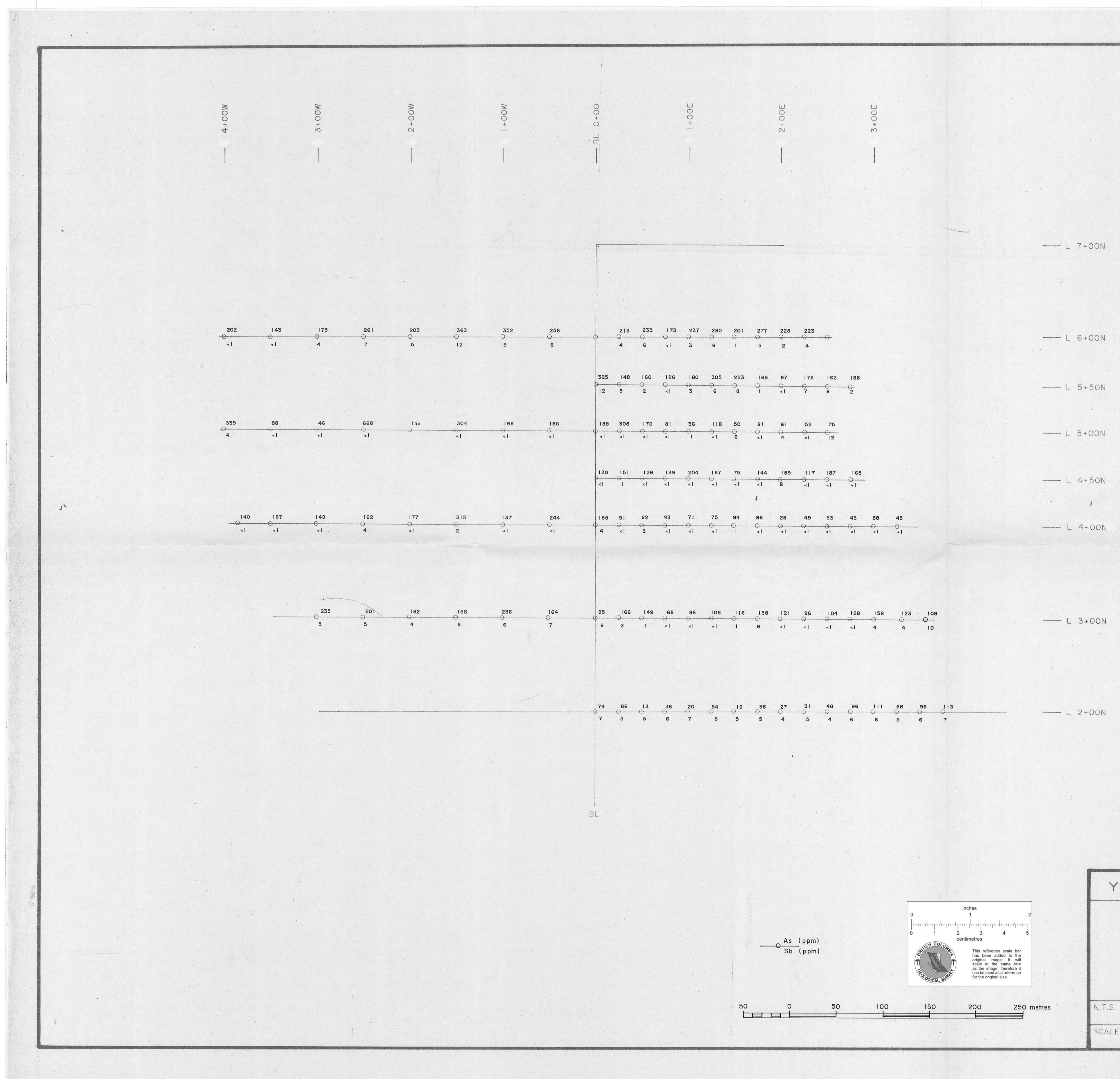
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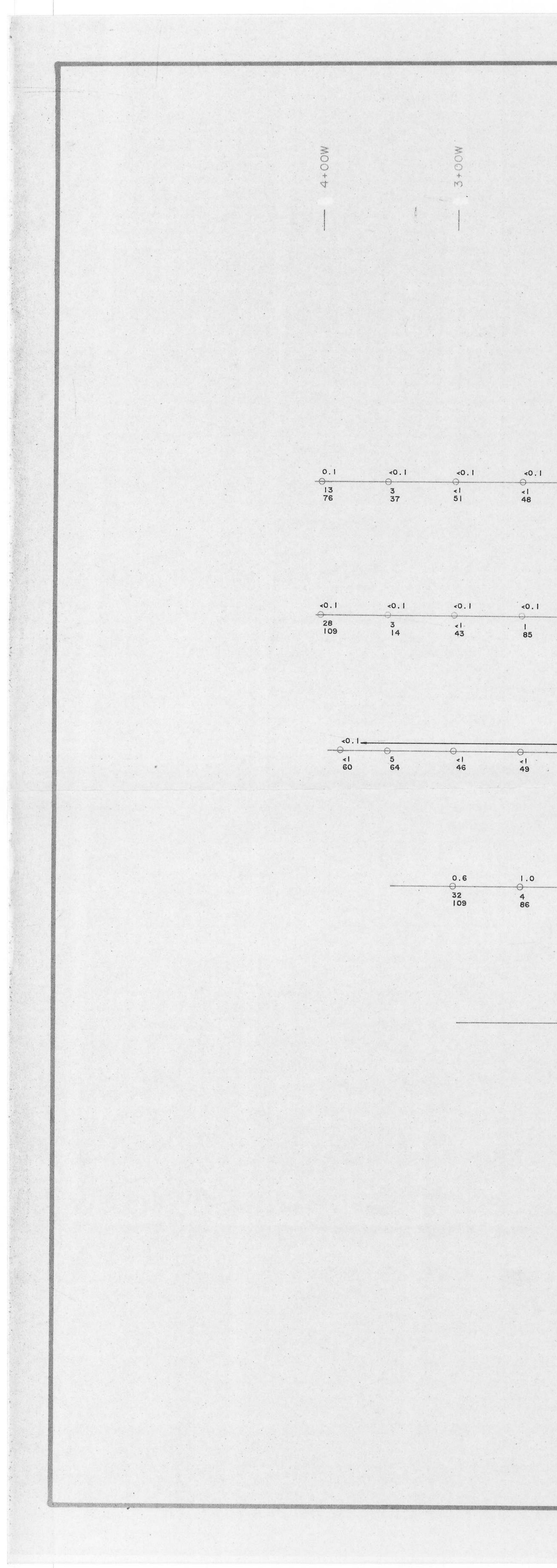
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YUKON MINERALS CORPORATION SOUTH SCUD PROPERTY Vie GEOCHEMISTRY

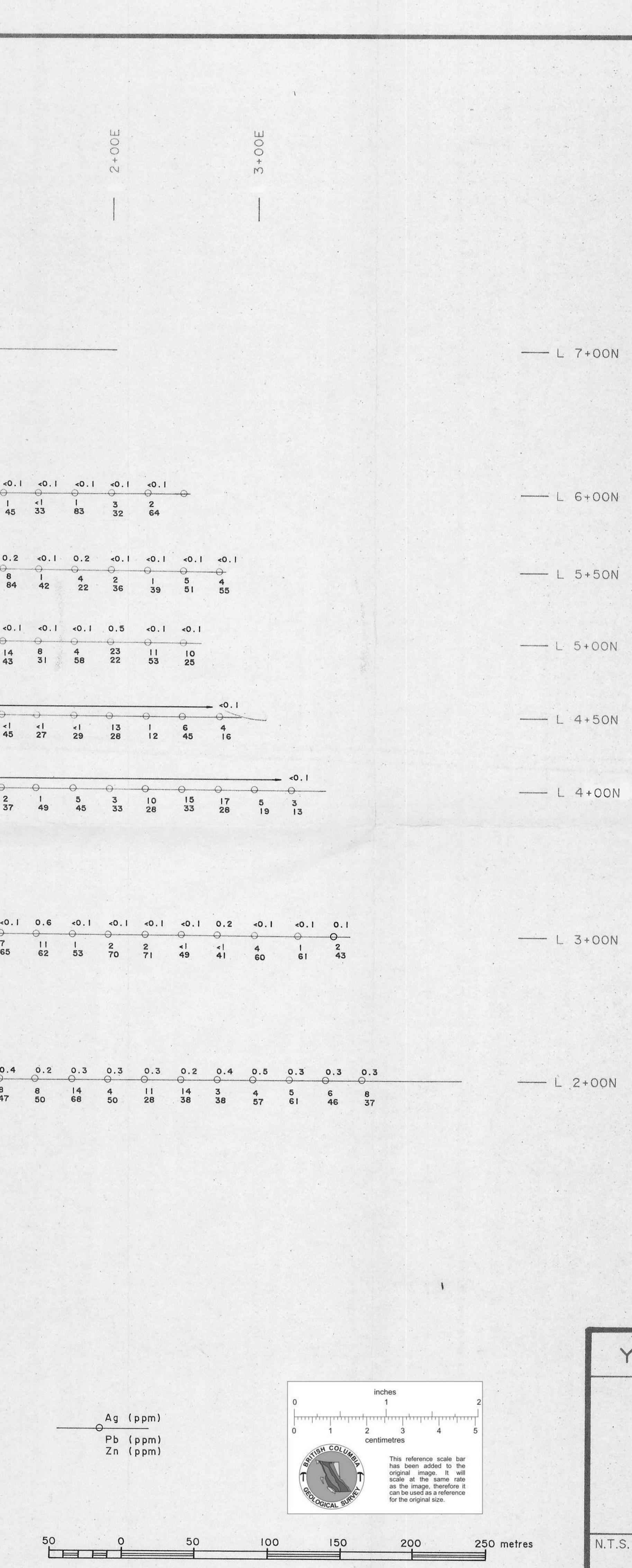
As (ppm), Sb (ppm)

| N.T.S. : | 04 G | TECH. : G. DAVIDSON | DATE : DECEMBER 1990 |
|----------|---------|------------------------|-------------------------|
| SCALE : | : 2,500 | DRAFTING : HANDESIGN | FIGURE No. : 7 |



| | . 2+00W | | MOO + 1 | | | | | | H 1+00E | |
|---------------|---------------------|----------------------|------------------------|----------------------|-------------------|------------------|----------------------|------------------|-----------------------|-----------------------|
| | | | | • | | | | | | • |
| | | | .* | | | | | | • | |
| • | | | | | | | | | | |
| | | | | | | | | | | |
| <0.1 | 0.4 0 5 80 | 0.7 0 6 167 | <0.1 0 36 124 | <0.1 0 1 46 | | <0.1 <1 32 | <0.1 | 0 | <0.1 0 7 54 | <0.1 () 1 45 |
| | | * | | * | <0.1 58 164 | <0.1 5 46 | <0.1 5 47 | <0.1 12 31 | <0.1 0 20 63 | 0.2 0.2 8 84 |
| <0.1 | ins | <0.1 | <0.1 | <0.1 | <0.1 | | | 0.2 | <0.1 | <0.1 |
| 0 85 | | 36 98 | 5 20 | 5 28 | | | 16 64 | 5 45 | -0 11 20 | |
| | | | | | <0.1 | 0 | 0 | - 6 | à | 0 |
| | | | | | <1 40 | < 31 | <1 44 | <1 28 | <1 41 | <1 45 |
| 0 <1 49 | | 0 | <1 | <0.1 ⊖ 17 | <0.1 | ⊖ <1 30 | <1 25 | ↔ <1 47 | -) ≪1 40 | 0 2 |
| | | 132 | 28 | 116 | 19 | 30 | 25 | 47 | 40 | 2 37 |
| | | | | | | | | • | | |
| 1.0 | <0.1 | <0.1 | <0.1 | <0.1 | 0.3 | 0.3 | <0.1 | | <0.1 | <0.1 |
| 4 86 | 5 64 | 6 71 | 23 94 | 6 77 | 12 76 | 6 65 | 4 56 | 5 54 | 4 59 | 7 65 |
| | | | | | | | | | | |
| | | | | | | | | | | 1 |
| | | | | | 0.4 14 65 | 0.4 | 0.4 0 12 85 | 10 | 0.2 7 | 0.4 0 8 47 |
| | | | | | | 64 | 85 | 65 | 69 | 47 |
| | | | | | | | | | | |
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| YUKON MI | NERALS COR | PORATION |
|--------------------|-------------------------|-------------------------|
| SOL | TH SCUD PROPE | RTY |
| | GEOCHEMISTRY | |
| Ag | ppm), Pb (ppm), Zn (| ppm) |
| N.T.S. : 104 G | TECH. : G. DAVIDSON | DATE : DECEMBER 1990 |
| SCALE : 1:2,500 | DRAFTING : HANDESIGN | FIGURE No. : 8 |