

MAP NO. 95 D 5, 12 ASSESSMENT REPORT x
PROSPECTUS
CONFIDENTIAL x
OPEN FILE

DOCUMENT NO.: 092005
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: Trenching, Soil Geochem.

REPORT FILED UNDER: Archer, Cathro and Associates (1981) Ltd.

DATE PERFORMED: June 9 and September 8, 1987

DATE FILED: January 19, 1988

LOCATION: LAT.: 60°31'W

AREA: Quartz Lake

LONG.: 127°52'W

VALUE \$: 19,975.00

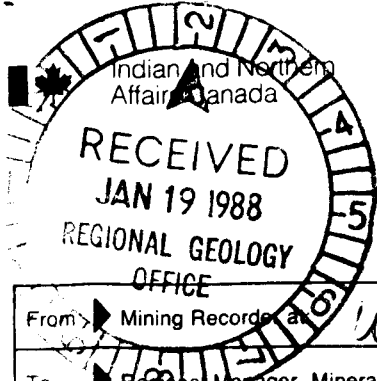
CLAIM NAME & NO.: PIGLET 1-32 YA70902-33
 QUIVER 1-2 YA68429-30
 QUIVER 11-12 YA68439-40
 QUIVER 21-24 YA68449-52
 QUIVER 25 YA68709

QUIVER 30 YA68714
QUIVER 32 YA68716
QUIVER 34 YA68718
SOW 1-5 YB00422-26

WORK DONE BY: J.T. Dennett; W.D. Eaton

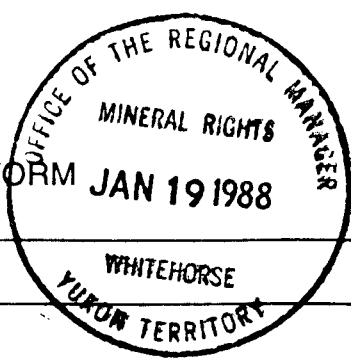
WORK DONE FOR: Archer, Cathro and Associates (1981) Ltd.

| DATE TO GOOD STANDING | REMARKS: #8 PORKER |
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Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada

TRANSMITTAL FORM JAN 19 1988



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| M.R. file no. |
| R.M.M.R. file no. |
| Date forwarded 12 JAN 88 |

From Mining Recorder at WATSON LAKE.
 To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

| | | |
|---|---|--|
| <input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT | Name | |
| <input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT | Name | Lease no. |
| <input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE | Name | Lease no. |
| <input type="checkbox"/> SECURITY DEPOSIT | | |
| <input type="checkbox"/> FINANCIAL ABILITY | | |
| <input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO. | From | To |
| <input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. | Owner | |
| <input type="checkbox"/> DIAMOND DRILL LOGS | Claims | Claim sheet no. |
| <input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT | Claims <u>P16, 27, QUINER, SOW</u> | Claim sheet no. <u>95-0-5/12</u> |
| | Type of report <u>Trenching, Soil (Gr. 1st)</u> | Submitted by <u>Archer, Cathro & Associates</u> |
| | Cls. work performed on <u>P16, 27, 106, 8-10, 14, 27, 29</u> | \$ req. for ren. application <u>19,975.00</u> |

[Signature]
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REPLY ACTION Date returned

092005

Approved for comment required

Jan 19, 1988

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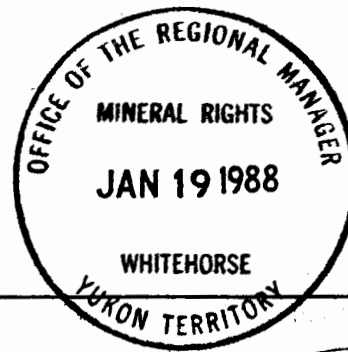
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ARCHER, CATHRO

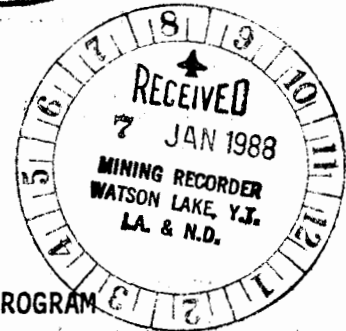
& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016-510 WEST HASTINGS STREET
VANCOUVER, B. C. V6B 1L8



(604) 688-2568



Report On

SOIL GEOCHEMICAL AND BULLDOZER TRENCHING PROGRAM

Piglet 1-32; Quiver 1, 2, 11, 12, 21-24, 25, 30, 32, 34;

and Sow 1-5 Claims

(YA70902-YA70933, YA68429, YA68430, YA68439, YA68440

YA68449-YA68452, YA68709, YA68714, YA68716, YA68718

and YB00422-YB00426)

NTS 95D/12

Latitude 60°31'; Longitude 127°52'

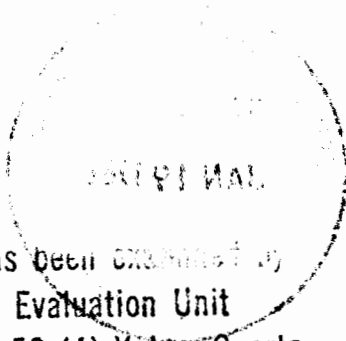
December, 1987

J.T. Dennett, B.Sc.

W.D. Eaton, B.A., B.Sc.

Work done between June 4 and September 8, 1987

092005



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 19975.00.


for 
Regional Manager, Exploration and
Geological Services for Commissioner,
of Yukon Territory.

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INTRODUCTION

Hyland Gold Joint Venture (Silverquest Resources Ltd., Novamin Resources Inc. and NDU Resources Ltd.) was formed in spring 1987 to explore Silverquest's Piglet claims in southeastern Yukon (see Figure 1 on the following page). The claims cover a 3,000 by 2,300 m area of weakly to strongly anomalous gold, arsenic and bismuth soil geochemical response from which grab samples taken in 1986 returned up to 4.0 g/t Au over 10 m.

The 1987 Hyland Gold Joint Venture (HGJV) field program was funded by Novamin and NDU, and was conducted between June 4 and September 8 by a crew of four under the authors' supervision. Work included minor soil geochemistry on the margin of the existing grid, road construction, bulldozer trenching and resurveying of baselines and crosslines cut in the early 1970's to convert the old imperial grid to metric. The Authors' Statements of Qualifications appear in Appendix I while personnel who worked on the project are listed in Appendix II.

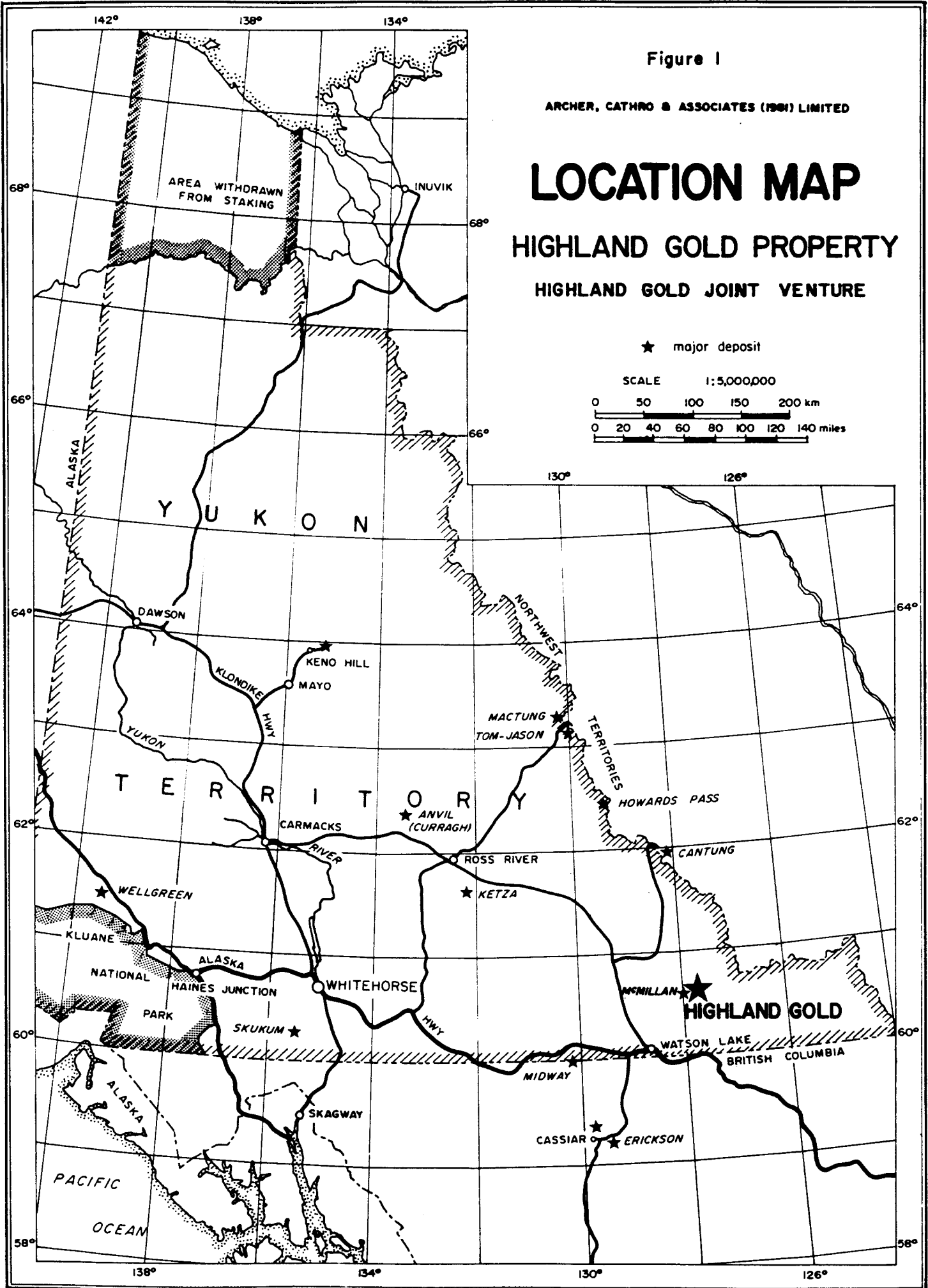


Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

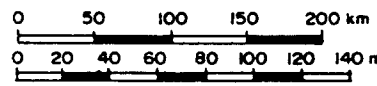
LOCATION MAP

HIGHLAND GOLD PROPERTY

HIGHLAND GOLD JOINT VENTURE

★ major deposit

SCALE 1:5,000,000



AREA WITHDRAWN FROM STAKING

INUUVIK

YUKON

DAWSON

KENO HILL

MAYO

KLONDIKE HWY

TERRITORY

CARMACKS

★ ANVIL (CURRAGH)

MACTUNG

TOM-JASON

NORTHWEST TERRITORIES

HOWARDS PASS

CANTUNG

★ WELLGREEN

★ KETZA

KLUANE

ALASKA

NATIONAL PARK

HAINES JUNCTION

★ SKUKUM

WHITEHORSE

★ HIGHLAND GOLD

★ SMILLAN

WATSON LAKE

BRITISH COLUMBIA

MIDWAY

SKAGWAY

★ CASSIAR

★ ERICKSON

PACIFIC OCEAN

PROPERTY, LOCATION AND ACCESS

The Hyland Gold Property consists of 49 contiguous mineral claims (see Figure 2 in the pocket) registered with the Watson Lake mining recorder as follows:

| <u>Claim Name</u> | <u>Grant Numbers</u> | <u>Expiry Date</u> |
|-------------------|----------------------|--------------------|
| Piglet 1-32 | YA70902-YA70933 | 12 March, 1995 |
| Quiver 1-2 | YA68429-YA68430 | 11 March, 1992 |
| Quiver 11-12 | YA68439-YA68440 | 11 March, 1992 |
| Quiver 21-24 | YA68449-YA68452 | 11 March, 1992 |
| Quiver 25 | YA68709 | 11 March, 1992 |
| Quiver 30 | YA68714 | 11 March, 1992 |
| Quiver 32 | YA68716 | 11 March, 1992 |
| Quiver 34 | YA68718 | 11 March, 1992 |
| Sow 1-5 | YB00422-YB00426 | 11 March, 1993 |

The claims are located on NTS map sheet 95D/12 at latitude 60°31' and longitude 127°52' along the southeast edge of Quartz (Hulse) Lake, some 70 km northeast of Watson Lake.

Access in 1987 was by float-equipped, Beaver, Otter and Cessna 185 aircraft operated by Watson Lake Flying Services from a base at Watson Lake. The HGJV campsite is located on a sandy creek delta on the south shore of the lake in the northwest corner of the claim block. Weekly food and supply trips were made to Watson Lake with each trip consisting of two flights. On the first flight, fuel was flown in and empty drums, samples and one crew member were sent to town, later that day the crew member returned to camp with supplies and more fuel and additional drums were sent out on the backhaul. Helicopter support was provided on a casual basis by a Frontier Helicopter Ltd. Bell 206B operating from Watson Lake. In spring the bulldozer was mobilized to the property by following the Mel property winter road for 35 km from Contact Creek on to the Alaska Highway to the Coal River, then cutting a new 40 km trail from Coal River to the property.

HISTORY

The Quartz Lake area of southeastern Yukon has been prospected for placer gold and base metal deposits since the late 1800's when the McMillan lead-zinc-silver showing was discovered. This occurrence, 5 km west of the Hyland Gold property, has received more or less continuous exploration, including extensive drilling, since the late 1940's and is presently held by Liard River Mining Company Ltd. (Noranda Mines Ltd., Asarco and New Jersey Zinc).

The area now covered by the Hyland Gold property was first staked as the SN claims in August, 1954 by Liard River Mining as part of a large claim block around the McMillan deposit. Work included mapping, hand trenching, soil sampling and an EM survey in 1954 and four drill holes, about 1.5 km to the west, in 1955.

The property was restaked as the Porker 1-56 claims in July, 1973 by Hyland Joint Venture (Marietta Resources International Limited, Mitsubishi Metal Corporation and Messrs. Landon T. Clay and Harris Clay) which carried out detailed mapping, prospecting and grid soil sampling the same year. Hyland JV conducted a gravity survey over the north part of the claims in 1974 and drilled four holes totalling 303 m in the northeast part of the present property in 1975.

Kidd Creek Mines Limited staked the Cuz and Quiver claims on the northeastern, eastern and southern fringe of the Porker property in winter 1981. Geological and geochemical surveys were done in 1982, while rock sampling and hand trenching was performed in 1985.

Most of the Porker claim group expired in spring 1984 and the area was immediately restaked as the Piglet 1-32 claims by Archer, Cathro & Associates (1981) Limited which conducted a wide-spaced grid soil sampling program on the property later that year. Archer, Cathro acquired twelve Quiver claims on the north side of the Piglet block in spring 1986 before selling the entire property to Silverquest Resources Ltd. which performed prospecting, close spaced grid soil sampling and hand trenching the following summer.

PHYSIOGRAPHY AND GEOMORPHOLOGY

The property covers moderately rugged terrain with elevations ranging from 920 m on the shore of Quartz Lake to 1320 m on ridge crests. It lies below treeline which locally occurs at about 1465 m and exhibits mossy black spruce and deep moss on wet northerly-facing slopes, thick tangles of alder and willow on wet slopes with a southerly aspect, and relatively open mixed pine and white spruce stands on dry hilltops and southwest-facing slopes. Outcrop is restricted to small cliffs on the upper slopes and scattered exposures in creek cuts.

The area has been subjected to heavy Pleistocene glaciation with local ice direction apparently from the north or northwest as determined from scour marks and distribution of glacial deposits. Most north-facing slopes are bare while south and west-facing hillsides are mantled with a variable thickness of glacial till. A prominent terrace of glaciofluvial material lies along the northeast and west boundaries of the property at about 1070 m elevation. This is part of a relatively continuous deposit of similar material that rims both sides of Quartz Lake and adjoining valleys.

GEOLOGY

Regional Setting

Figure 3 in the pocket illustrates the general geology of the Quartz Lake area which is predominantly underlain by sedimentary rocks that are part of the Selwyn Basin, a Late Precambrian to Early Mesozoic continental margin sequence. Locally, the rocks consist of quartzite and phyllite with interbedded grit, quartz-feldspar pebble conglomerate and limestone, all of which belong to the Hadrynian Grit Unit or the partially correlative, predominantly Lower Cambrian Phyllite Unit. Both units exhibit lower greenschist regional metamorphism.

Although the property is located near the southwestern end of a northeast-trending belt of Mid-Cretaceous to Tertiary granitic plutons, there are no large surface exposures of intrusive bodies in the immediate vicinity. Evidence for a nearby buried intrusion is seen 2 km east of Quartz Lake where sedimentary rocks in a two square kilometre area are thermally metamorphosed to garnet-staurolite schist.

The McMillan deposit, which lies 5 km west of the Hyland Gold property, contains approximately one million drill indicated tonnes grading 10% Zn, 5% Pb and 56 g/t Ag. The deposit is open-pittable and consists of both stratabound and structurally controlled massive sulphide mineralization hosted by Hadrynian to Cambrian sedimentary rocks. A case can be made for either a syngenetic origin and therefore a Hadrynian or Cambrian age of mineralization, or a later hydrothermal replacement of existing strata, perhaps related to an unroofed Tertiary intrusive body. Lead isotope and fluid inclusion data support the latter hypothesis.

Property Geology

The claims are underlain by weakly metamorphosed limestone, phyllite, metaquartzite and orthoquartzite of the Grit and Phyllite Units, as shown on Figure 4 on the following page and Figure 5 with more detail in the pocket. Bedding generally strikes north to north-northwest and dips moderately to steeply toward the west. A few broad folds are seen in the coarse units, while chevron folds occur locally in the phyllites. A number of large faults cut all units making stratigraphic relationships difficult to interpret.

The major rock types are briefly described below while detailed petrographic descriptions of representative specimens appear in Appendix III.

Hqu consists of blocky weathering, tan, grey and pale green lithic quartzites, orthoquartzites, calcareous quartzites and minor sandstones. Occasional clay altered interbeds are present within the quartzite sequence and petrographic examination of one of the interbeds identified it as a highly altered carbonaceous, quartz-pyrite-tourmaline replaced, dacitic tuffaceous sedimentary rock. Individual quartzite beds range from 50 cm to 50 m thick.

Hgr is dominantly comprised of dark grey to buff, poorly sorted quartz and feldspar grits. The quartz grains are typically subrounded to subangular and are bluish to milky. Feldspars are generally altered to clay. The larger grains are supported by sand size matrix.

Hph1 includes thinly laminated grey, black and green phyllites that are occasionally graphitic. These rocks commonly appear as interbeds in Hqu and Hgr, but also form relatively homogeneous sequences up to 50 m thick. They are often highly fractured and sheared.

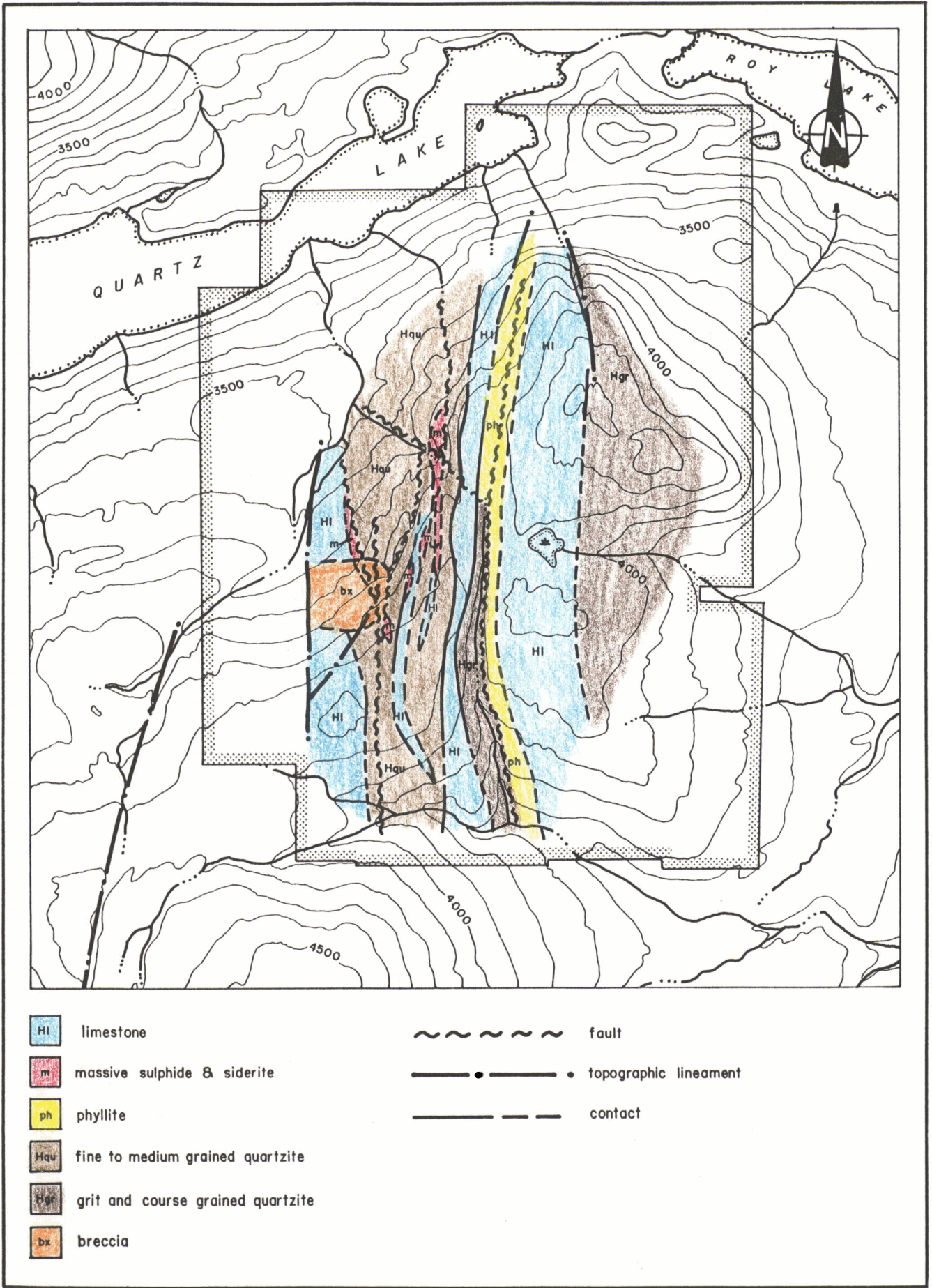


Figure 4 : GENERALIZED GEOLOGY

HYLAND GOLD PROPERTY

Hph2 consists of pink, tan, maroon and green phyllitic siltstones and phyllites that may be correlative with Hph1.

H1 is comprised of dark grey, fine-grained, fissile limestone with up to 5% white calcite forming thin lenses and laminations. Limestone beds range from 1 m to more than 100 m thick. Massive siderite (H1s) lenses up to 10 m thick occur along the margins of the limestone and as distinct horizons within it.

A 300 by 200 m breccia zone (BX) located in the southwestern part of the property is mapped as a separate unit. The rocks are medium to dark brown weathering and consist of 65 to 95% wallrock fragments in a limonite matrix. Fragments are typically angular to subangular and are often only slightly rotated. Thin section examination of one specimen showed that the fragments were quartzites (Hqu); however, the breccia appears to cut across other stratigraphic units and presumably should include other types of fragments as well. The breccia is described in more detail in the Mineralization section.

The only other rock type identified on the property is a 25 cm wide, porphyritic dyke of basaltic composition that was discovered in one of the bulldozer trenches. Thin section descriptions of the rock appear in Appendix III.

The majority of the faults on the property trend north or northeast and dip steeply westward. They are subparallel to bedding and often follow phyllitic horizons. Four prominent northerly-trending airphoto linears cut across the property and correspond with a series of overburden-filled depressions, cliffs and vegetation anomalies. Many of the trenches crossed these linears but only a few reached bedrock because of a thick layer (greater than 6 m) of talus and/or fluvial material that fills the depressions. Where exposed, the linears are large, steeply-dipping faults.

MINERALIZATION

Five types of mineralization have been identified on the property. The following descriptions are generalizations based principally on surface work and more complete descriptions are included in the Bulldozer Trenching section of this report.

1. Pyrite and arsenopyrite occur with yellow limonite, scorodite and rarely jamesonite and malachite in narrow veins with or without quartz gangue. These veins are widespread and parallel the major faults but appear to lack lateral continuity. Specimens of scorodite stained quartz return erratic gold assays ranging from near background to 18.17 g/t while massive jamesonite samples assayed up to 3.91 g/t Au and 4.65 g/t Ag.

2. A limonite breccia zone is developed in a 300 by 200 m area toward the south end of the main soil geochemical anomaly and is exposed in a series of low hummocks that may be rotated blocks in a large slump. The breccia typically consists of 0.5 to 2 cm in diameter barren white quartzite fragments surrounded by medium brown limonite.

Microscopic tourmaline is common in the breccia while scorodite stains and traces of pyrite are occasionally present. Grab samples taken in 1986 from surface exposures returned up to 4.80 g/t Au over 10 m. Multi-element analyses on moderate to well mineralized breccia specimens showed they are strongly enriched in arsenic (5,500 to >10,000 ppm), and moderately anomalous for bismuth (35 to 800 ppm), antimony (30 to 300 ppm) and silver (8 to 35 ppm), but contain near background values for other significant metals (as shown in Appendix IV). There is no direct correlation between the abundance of limonite and gold grade.

Although large faults and topographic linears trend through the breccia zone, the exact relationship between them and the mineralization is not yet known.

3. Disseminated and fracture filling pyrite and arsenopyrite are common in quartzite horizons away from the breccia zone but rocks of this type have not returned any significant assays. Quartzites containing this type of mineralization often exhibit a bleached, sugary appearance where the sulphides have been leached away leaving pits and characteristically contain greenish-yellow to light brown limonite. Multi-element analysis show that these rocks often contain more arsenic than the well mineralized breccias.

4. Heavily disseminated to massive pyrite with lesser arsenopyrite and pyrrhotite occur in lenses along limestone contacts and are intimately associated with siderite horizons. The sulphide concentrations and siderite both contain high gold backgrounds (typically between 0.10 and 1.0 g/t) and appear to be replacement mineralization that is in part localized by large faults. Although these rocks occur in a similar geological environment to the nearby McMillan deposit, they contain no significant lead, zinc, copper or silver values.

5. Graphitic shears with anomalous gold contents were recognized in a few 1987 trenches and are described in some detail in the Bulldozer Trenching section. The highest chip sample assay obtained to date from the property (12.70 g/t Au over 1.0 m) came from one of these shears. These structures are recessive weathering and are the most difficult type of mineralization to prospect for.

SOIL GEOCHEMISTRY

In 1984 wide spaced grid soil sampling was conducted over much of the property and in 1986 the grid was expanded and sample density increased in anomalous areas. Details of the work are described in a 1986 report by R.C. Carne and W.H. Halleran for Silverquest Resources Ltd. The sampling outlined a north-trending, 400 m wide, 2500 m long belt of largely coincident, strongly anomalous gold, arsenic and bismuth response, as shown on Figures 6, 7 and 8, respectively, in the pocket. This belt is the main area of interest and lies on a relatively well drained and frost free, mostly west-facing slope located in the western third of the property. It is obscured to the west and north by thick deposits of glaciofluvial till and may be terminated by a fault at the south end. The eastern edge of the anomalies is highly irregular and no geological or geomorphological control has been identified. Toward the southern end of the anomaly it appears to swing sharply to the east and this easterly trend merges with a second less distinct north-trending belt developed in the eastern third of the property. The second belt is much more erratic and less intense, but this may be due in part to thicker vegetation and more frost which makes good quality soil samples difficult to obtain. The east-trending anomaly and second north-trending belt both exhibit anomalous gold and arsenic values but lack the strong bismuth response that typifies the main area of interest. A fourth, smaller anomaly (400 by 200 m) is located near the north end of the grid, approximately halfway between the two north-trending belts.

Soil geochemistry in 1987 was confined to a 250 by 600 m area at the south end of the main area of interest. Samples were taken at 30 m intervals on compass and topofil controlled lines spaced 60 m apart. A total of 164 samples

was collected and sent to Chemex Labs Ltd. in North Vancouver, B.C. where they were dried, screened to -35 mesh, pulverized to -140 mesh and geochemically analyzed for gold using a fire assay preparation and neutron activation finish.

The work returned scattered weakly to strongly anomalous gold values (up to 344 ppb) with the best values occurring on the main anomalous trend, as shown on Figure 6. No analyses were done for the other metals.

BULLDOZER TRENCHING

General

Bulldozer trenching was done with a ripper-equipped Caterpillar D7E bulldozer contracted from E. Caron Diamond Drilling Ltd. of Whitehorse. The bulldozer and a sloop was walked three-quarters of the way to the property in March but encountered deep snow in a pass between two creek systems and had to be temporarily abandoned. They were mobilized the rest of the way in April. A casual helicopter based in Watson Lake was used to position additional fuel and supplies when required.

A total of 653.5 hours of bulldozer time was used between June 4 and September 1. During this period, 2.7 km of four-wheel drive roads and 5.4 km of bulldozer trails were constructed, 4125 linear m of bedrock was exposed in 22 trenches, and 3000 linear m of overburden was stripped from trenches that did not reach bedrock.

All trenches that reached bedrock were sampled using chisels and hammers to cut narrow, continuous channels along the floors. Samples were taken at approximately 5 m intervals along the entire length of each trench except in particularly interesting or uninteresting areas where sample intervals were shortened or lengthened as required. Five hundred and eighty-seven samples were collected and sent to Chemex Labs where they were dried, crushed, ring pulverized, screened to -140 mesh and homogenized before a one assay ton split was taken and fire assayed for gold using a gravimetric finish. Forty-seven selected chip samples were later reanalyzed for thirty-two elements by the Induced Coupled Plasma technique. Eight soil samples were collected along the bottom of one trench (87-14) which did not reach bedrock, in order to compare

the geochemical response deep in the soil profile to that at surface. They were also sent to Chemex and analyzed for gold by the same geochemical technique used for soils from elsewhere on the property. All assay certificates are reproduced in Appendix IV.

Results

All but three of the twenty-two trenches were cut along the main belt of geochemical response in the west part of the property. Trench locations are illustrated at 1:5,000 scale relative to claim boundaries, geology, and gold, arsenic and bismuth soil geochemical anomalies on Figures 2 and 5 through 8, respectively, and at 1:1,000 scale on Figures 9 to 11. Assays from the trenches are generalized on Figure 6 and shown in detail on Figures 9 to 11. All of the above mentioned figures are in the pockets.

Trench results generally confirmed earlier geological mapping based on outcrop, talus and rock fragments in soil but, as might be expected, showed that the recessive rock types are more abundant than suspected. All five types of mineralization were exposed in one or more of the trenches but the only significant values came from limonitic breccias and graphitic horizons.

The highest single assay (12.70 g/t Au across 1.0 m) was obtained from a graphitic shear in Trench 87-11. This shear is located 16 m west of a major north-trending fault and is surrounded by intensely quartz-pyrite-tourmaline altered tuffaceous quartzite. The weighted average grade across the shear zone and the altered wallrock is 2.3 g/t Au over 15.5 m. Similar graphitic rocks do not appear in trenches south of Trench 87-11 but are exposed at the west end of Trench 87-2, 290 m to the north. The rocks in this trench contain less gold (up to 1.0 g/t Au over 5.0 m), show less replacement and are further from the

fault, suggesting that mineralizing fluids may have channeled up the fault and selectively replaced reactive beds adjacent to it.

The most widespread mineralization is associated with the limonitic breccia zone which is best exposed in Trench 87-6. This zone produced assays up to 2.54 g/t Au over 5 m and the higher values are surrounded by broad halos grading between 0.4 and 1.0 g/t Au. The mineralization is strongly weathered, even at the bottom of 6 m deep trenches. Two strong faults mark the east side of the breccia while to the west it extends under deep till. The geological control on the north side is not known but to the south the breccia appears to narrow and weaken, becoming a 20 to 30 m wide stockwork zone with a 5 to 10 m wide strongly fractured core. Limonite in the stockwork zone tends to be lighter in colour and scorodite is more abundant. The best values in it were obtained from Trench 87-13 where a 25 m exposure average 1.54 g/t Au, including one interval that assayed 3.98 g/t Au across 5 m. This trench is located 450 m south of the breccia zone and is in an area of weak soil geochemical response.

Trenching elsewhere on the property showed that thick glaciofluvial till extends further uphill than previously suspected in some areas (locally up to 1220 m a.s.l.) but is virtually absent on ridge tops and upper slopes, as illustrated on Figure 6. The limit of thick till cover corresponds with the lower edge of the anomalous soil geochemical anomalies on the east and north side of the grid, but trenches cut into the edge of the till (87-6 and 87-8) show that the mineralization continues beneath it.

The large east-trending anomaly at the south end of the main belt was tested by three trenches, of which two (87-14 and 87-15) were completed. All contained deep till and bedrock, where exposed, consisted of unmineralized

limestone and phyllite. Soil samples taken from deep in the soil profile returned strongly anomalous gold values comparable to those from surface, suggesting that the metals were transported by glacial or fluvial processes. The sources of the gold in the till may have been the limonite breccia zone and it is possible that it was smeared out by a southeasterly moving glacier. An alternative explanation is that the gold is derived from a north-trending fault zone located beneath a strikingly linear creek immediately west of the anomaly, and that the anomalous till represents an old creek channel that formerly drained the structure. In order to test the idea that the creek coincides with a major, mineralized fault, a trench (87-22) was cut across the linear trend directly north of the creek's headwaters. This trench exposed strongly sheared phyllites but returned only near background gold values.

CONCLUSIONS AND RECOMMENDATIONS

The 1987 trenching program at the Hyland Gold property has confirmed that the gold-arsenic-bismuth soil anomalies are associated with an extensive, well mineralized system developed in strongly faulted, sedimentary rocks. Based on the characteristics of the mineralization, the metal signatures and the nature of the host rocks, the property has potential for hosting at least four types of precious metal deposits, as discussed below.

1. The limonite breccia zone may be part of a large tonnage, medium grade, stockwork-type deposit similar to those presently being mined in the southwestern U.S.A. by open pit methods using cyanide extraction either in vats or on heap leach pads. Although the mineralization in the breccia zone is well oxidized at surface and is probably amenable to cyanidization, work must be done to determine the extent of the zone, the depth of oxidation, leachability of sulphide mineralization beneath the oxide zone, and cyanide consumption (which could be excessive because of the high arsenic content). The presence of strong surface oxidation in a glaciated terrane indicates that the breccia is extremely porous and permeable, which would make it suitable for leaching.
2. The graphitic shear zones resemble mineralization at the Carlin Mine in Nevada and have potential for a medium tonnage, medium to high grade deposit. Mineralization of this type would be more complex to treat than the limonite from the breccia zone and could require milling before cyanidization. Exploration of these targets should focus on the intersection between chemically reactive, graphitic beds and major fault structures that could act as channels for mineralizing faults. VLF-EM

surveys may be useful in tracing the graphitic horizons and faults between trenches and through till covered areas.


3. The siderite and sulphide-rich replacement lenses along the limestone contacts show a number of similarities with the manto-type gold deposit currently being developed at the Ketzka property, 260 km northwest of Hyland Gold. Both Ketzka and Hyland Gold occur in Hadrynian or Lower Cambrian limestones in the vicinity of silver-lead-zinc occurrences. The Ketzka deposit consists of a gold-rich, largely oxidized, massive sulphide lens that is reportedly surrounded by a siderite horizon containing scattered pyrrhotite, arsenopyrite and pyrite with low gold values. The discovery lens, which outcrops at Ketzka, is quite small (about one-half million tonnes grading 13.7 g/t Au) but recent drilling has located other buried lenses. VLF-EM and magnetic surveys should be conducted at Hyland Gold to test for buried massive sulphide lenses that could be the gold-rich core to the more extensive siderite horizons.
4. Although none of the veins on the property has demonstrated sufficient continuity or grade to make them significant targets in themselves, the possibility of a relatively small but high grade vein should not be overlooked. Discovery of such a deposit would probably result from exploration for one of the larger types of targets.

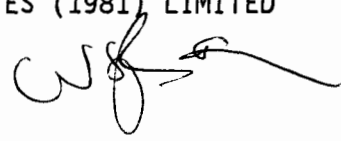
The next stage of exploration at the Hyland Gold property should consist of VLF-EM and magnetic surveys, continued bulldozer trenching, and diamond drilling. The work should continue to focus on the main belt of geochemical anomalies but should also include a few trenches to test some of the outlying geochemical targets. The program is expected to cost \$469,500, as calculated below.

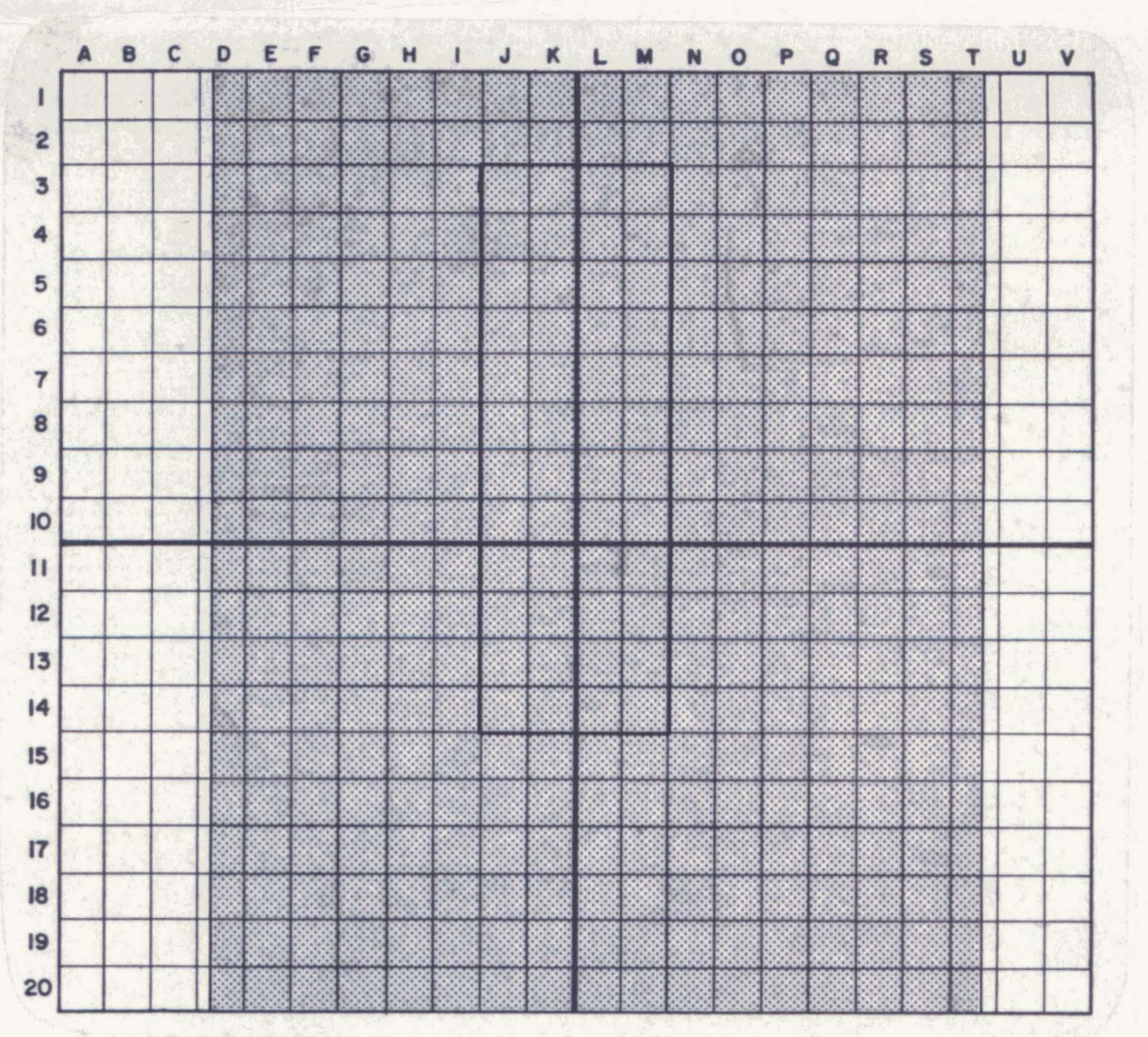
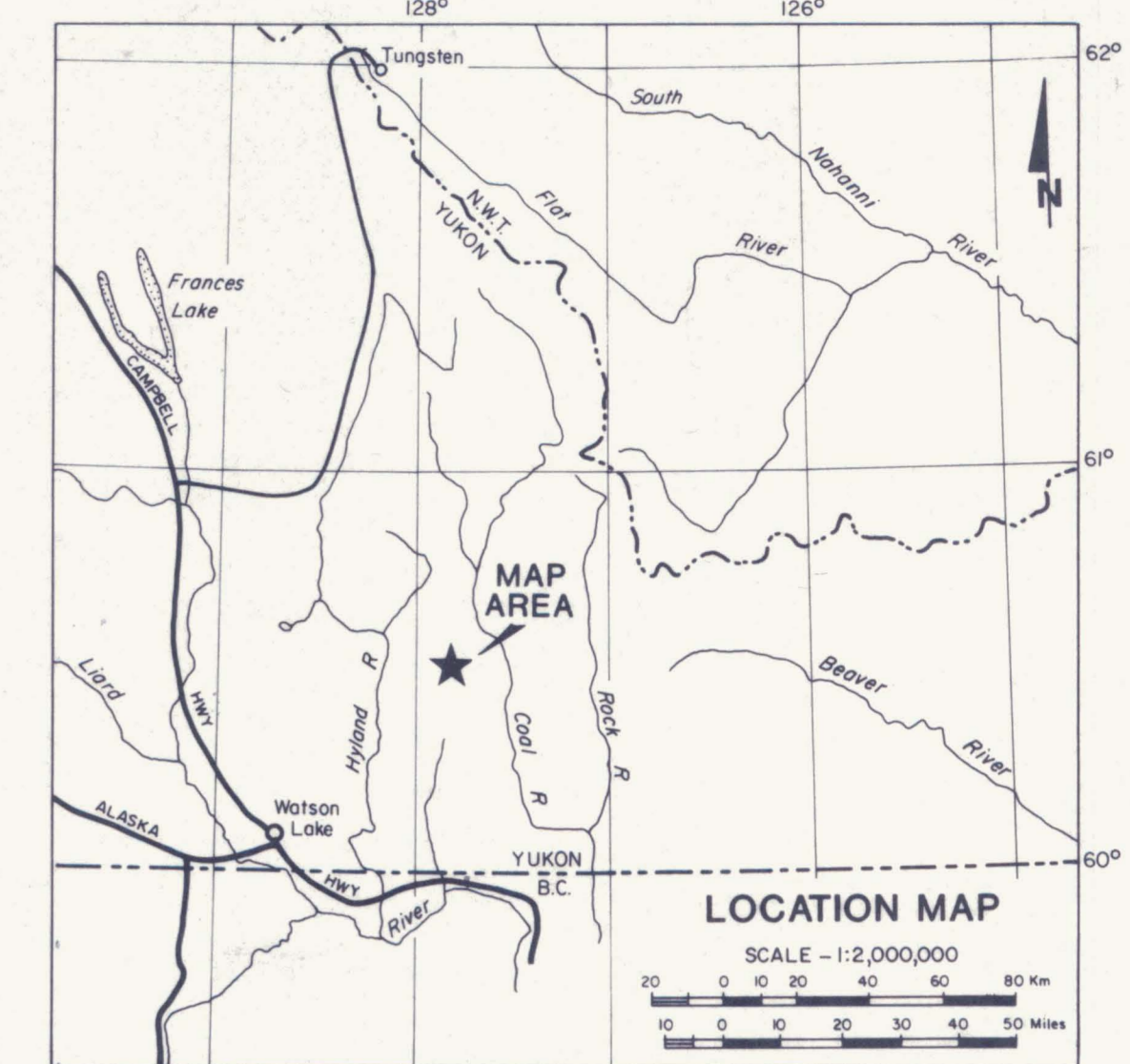
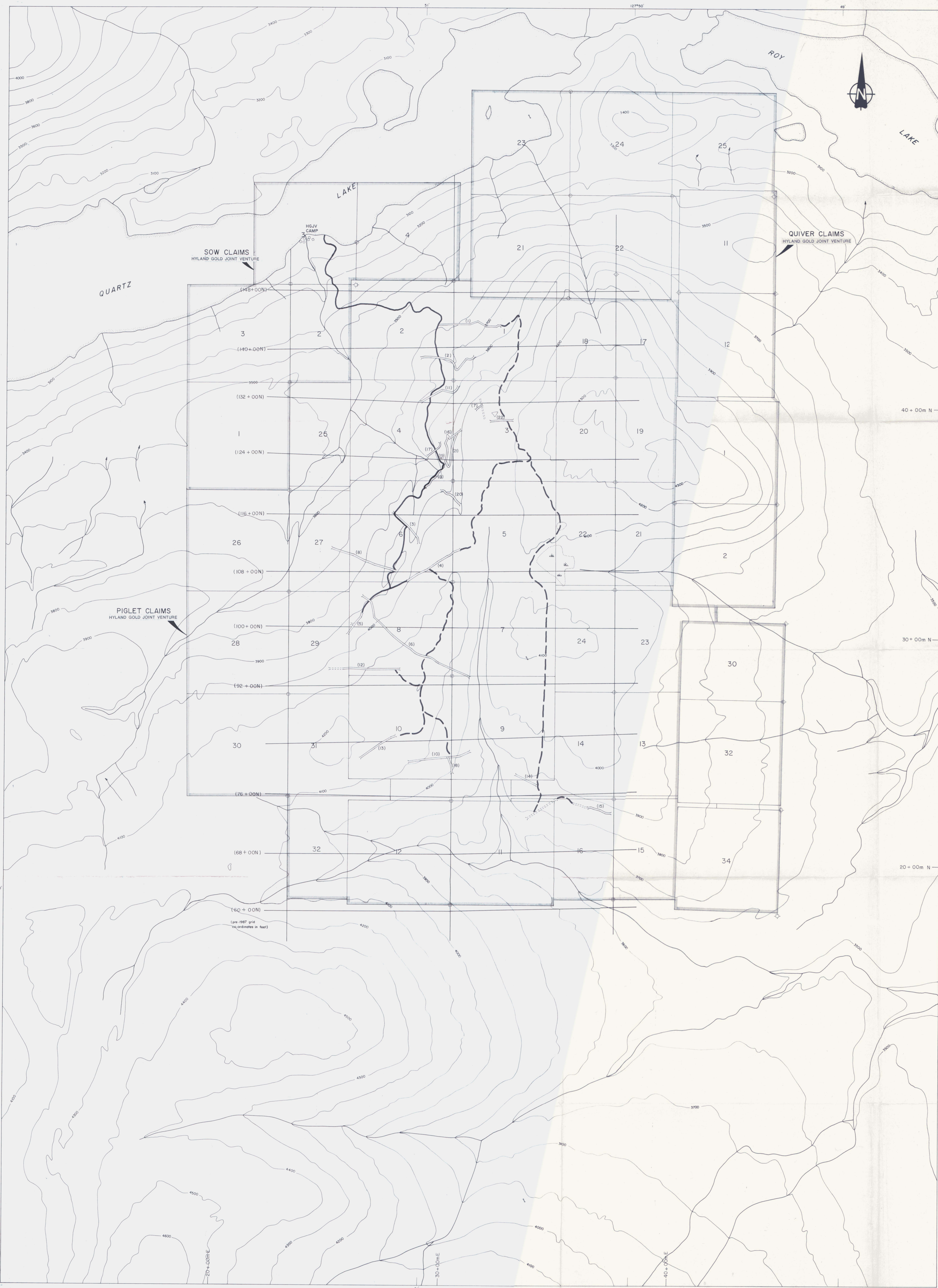
| | |
|--|------------------|
| <u>Labour</u> - Senior supervision 600 hours @ \$50/hr, geologist 220 days, and 2 fieldmen and a cook for 100 days each | \$130,000 |
| <u>Diamond Drilling</u> - 900 m HQ @ \$115/m, all inclusive | 103,500 |
| <u>Bulldozer</u> - D7E with ripper, 500 hrs @ \$155/hr, fuel and operator included | 77,500 |
| <u>Room & Board</u> - 725 mandays @ \$65 day | 47,000 |
| <u>Fixed Wing</u> | 28,000 |
| <u>Transportation and Shipping</u> | 20,000 |
| <u>Geophysical Surveys</u> - including transportation and report | 15,000 |
| <u>Assays</u> - 1000 rocks fire assayed for gold @ \$12/sample | 12,000 |
| <u>Office, Drafting and Printing</u> | 10,000 |
| <u>Helicopter</u> | 6,000 |
| <u>Assessment Recording</u> | 2,000 |
| <u>Management</u> | <u>18,500</u> |
| TOTAL - | <u>\$469,500</u> |

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

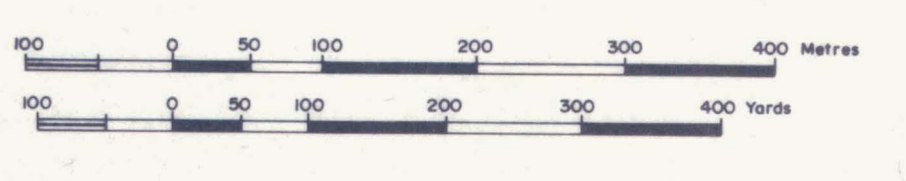

J.T. Dennett, B.Sc.


W.D. Eaton, B.A., B.Sc.



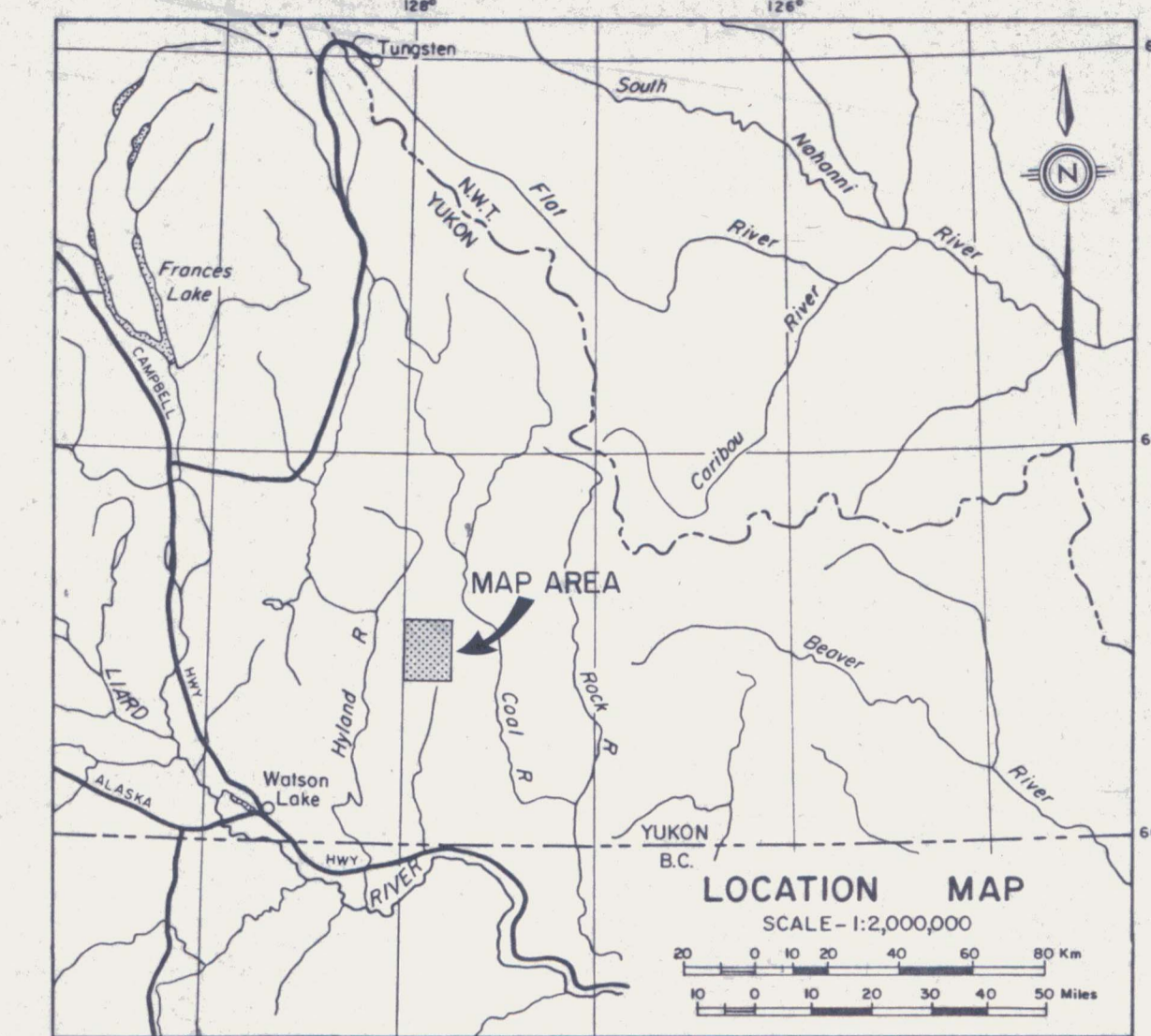
- LEGEND**
- 4WD road
 - - - Cat track
 - (2) Cat trench (to bedrock)
 - - - (2) Cat trench (not to bedrock)

Figure 2
 ARCHER, CATRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATION
 HYLAND GOLD PROPERTY
 HYLAND GOLD JOINT VENTURE



002000

596

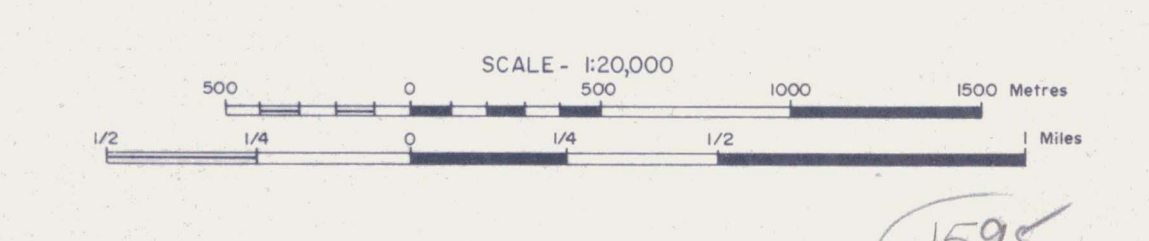


- LEGEND**
- +45 Soil sample location (ppb Au)
 - x32 Silt sample location (ppb Au)
 - Contact (observed)
 - - - Contact (approximate or assumed)
 - ~ Normal Fault
 - Thrust Fault
 - ★ Au Mineral occurrence with commodity

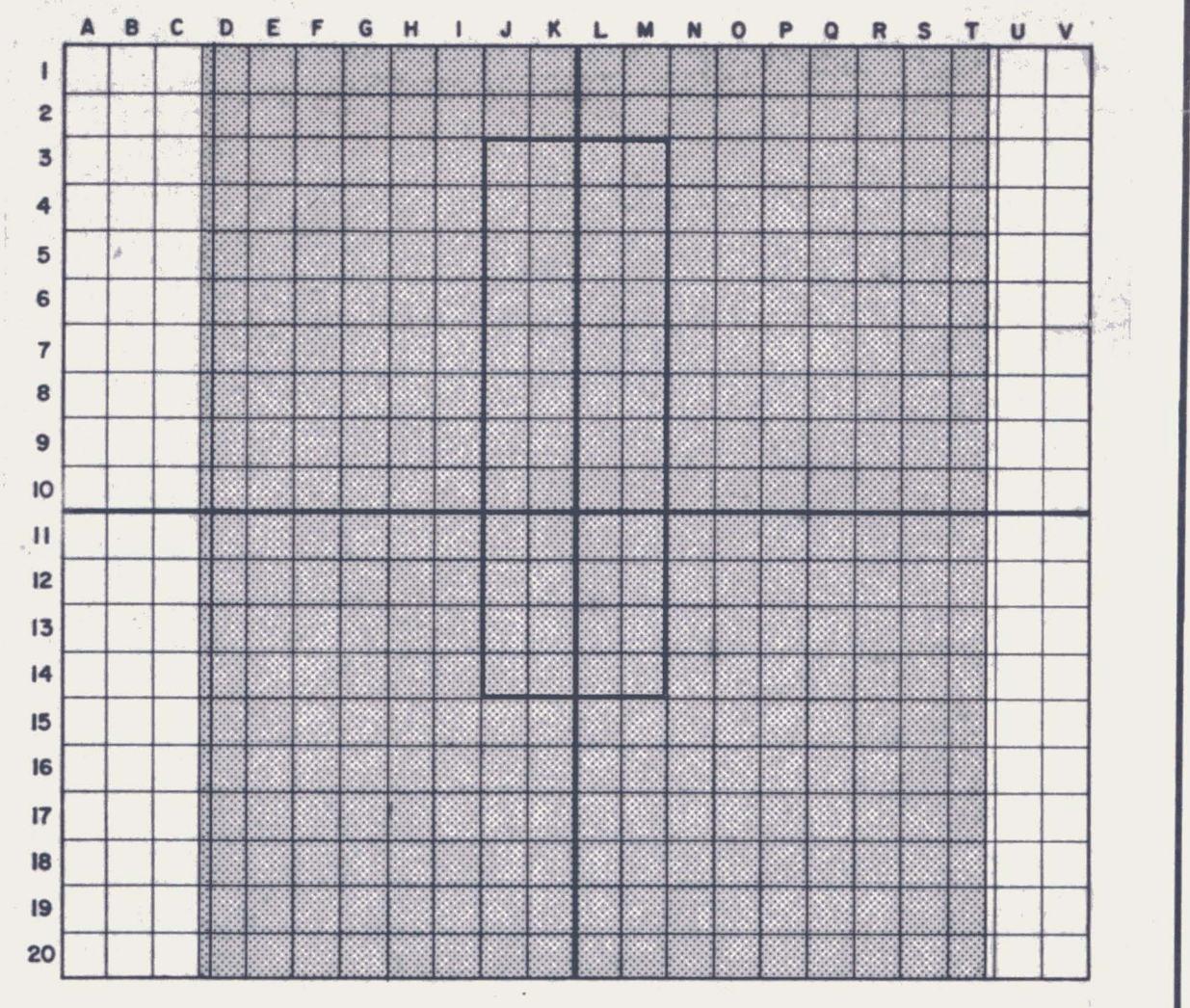
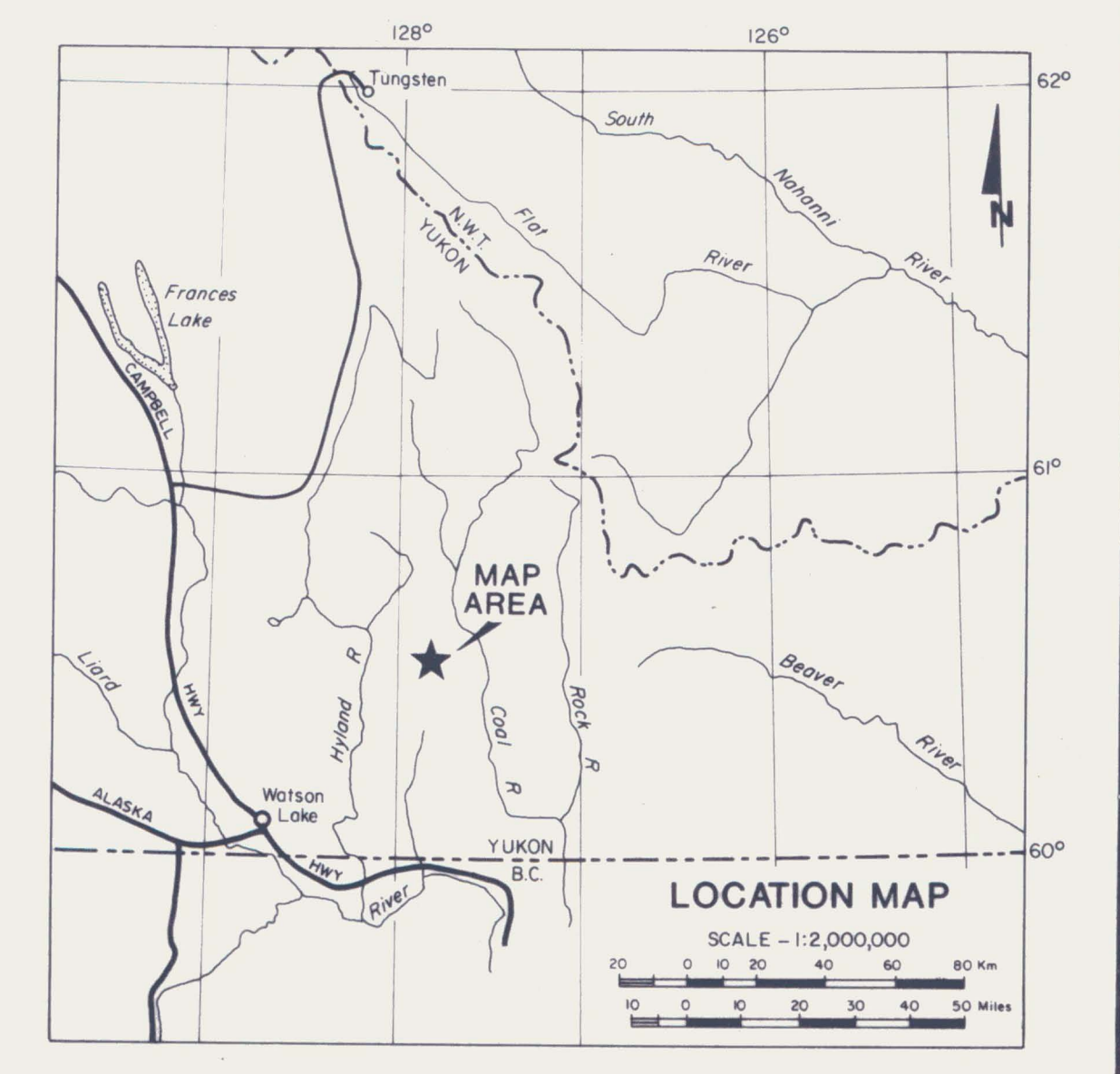
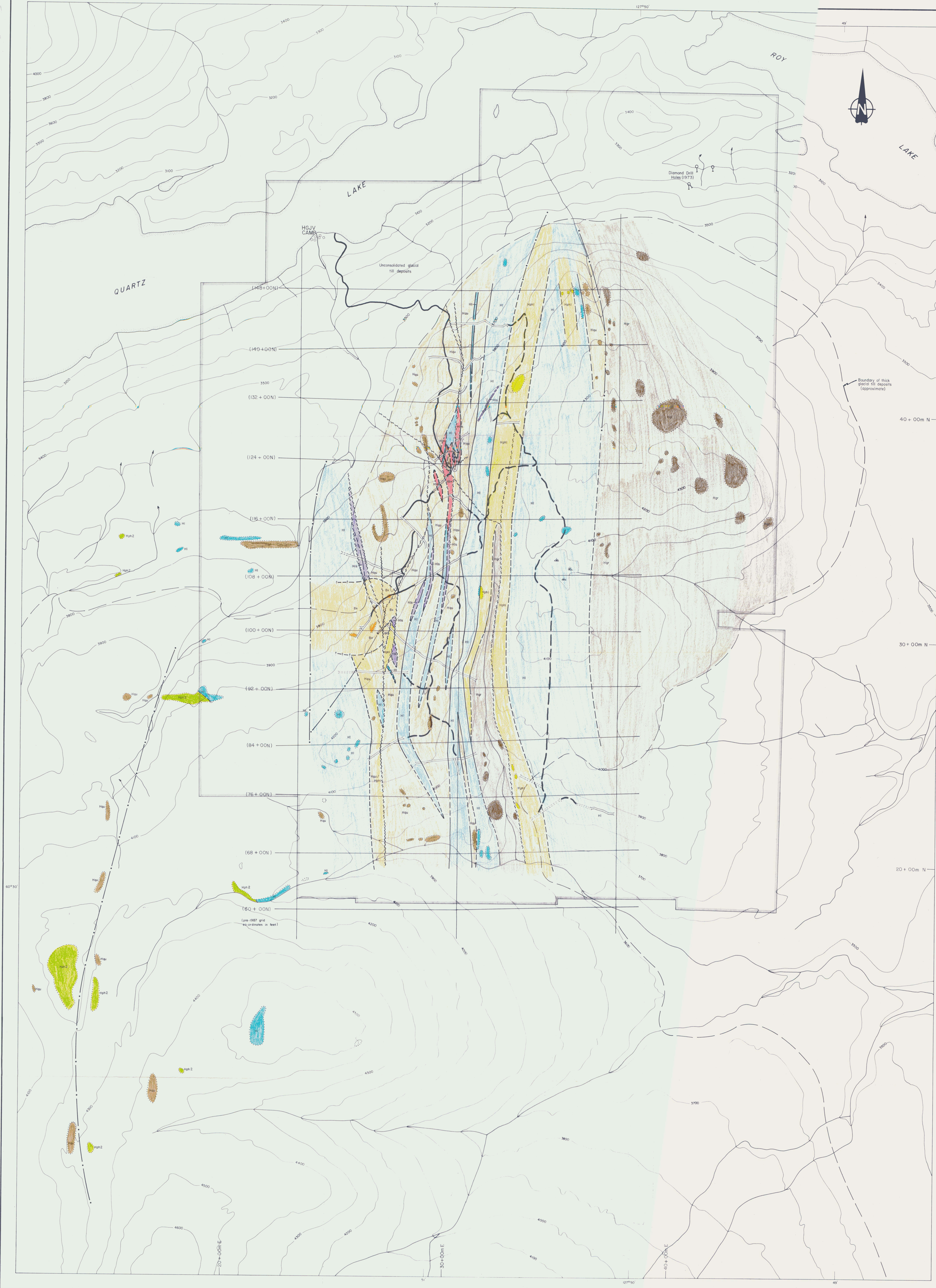
- Lithologies**
- CAMBRIAN-HADRYNIAN**
- H1 (1a)**
Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian) is siderite
In massive sulphide
- Hph 1 (1)**
Grey, black and green phyllites, in places graphitic and often interbedded with Hph 2 and Hqu
- Hph 2 (1)**
Pink, tan, maroon and green phyllitic siltstones and phyllites; often interbedded with Hph 1
- Hqu (1)**
Grey and buff coloured orthoquartzites, lithic quartzites and calcareous quartzites, in places showing evidence of hydrothermal alteration; gradational to Hgr; often includes interbedded Hph1
- Hgr (1)**
Grey to buff coloured gritty quartzites and quartz-augen grits composed of bluish to milky quartz-augen in a coarse sandstone matrix
- Bx**
Quartzite breccia with tourmaline replacement and limonite-hematite matrix
- Numbers in brackets refer to units on geological map 11-1568 (95D - Coal River).

Figure 3
BIRCHER, CATHER & ASSOCIATES (UK) LIMITED

REGIONAL GEOLOGY
HYLAND GOLD PROPERTY
HYLAND GOLD JOINT VENTURE



092005



- LEGEND**
- contact (observed, approximate or assumed)
 - alphoto lineer
 - normal fault (observed, approximate or assumed)
 - limit of outcrop
- Lithologies**
- CAMBRIAN-HADRYNIAN**
- H1 (1a) Dark limestones, liny shales and argillaceous limestones (may be in part Lower Cambrian)
 - Is siderite
 - Im massive sulphide
 - Hph 1 (1) Grey, black and green phyllites, in places graphitic and often interbedded with Hph 2 and Hgr
 - Hph 2 (1) Pink, tan, maroon and green phyllitic siltstones and phyllites; often interbedded with Hph 1
 - Hgr (1) Grey and buff coloured orthoquartzites, lithic quartzites and calcareous quartzites, in places showing evidence of hydrothermal alteration; gradational to Hgr; often includes interbedded Hph
 - Hgr (1) Grey to buff coloured gritty quartzites and quartz-augen grits composed of bluish to milky quartz-augen in a coarse sandstone matrix
 - Bx Quartzite breccia with tourmaline replacement and ilmenite-hematite matrix
- Numbers in brackets refer to units on geological map 11-1568 (95) - Gool River.

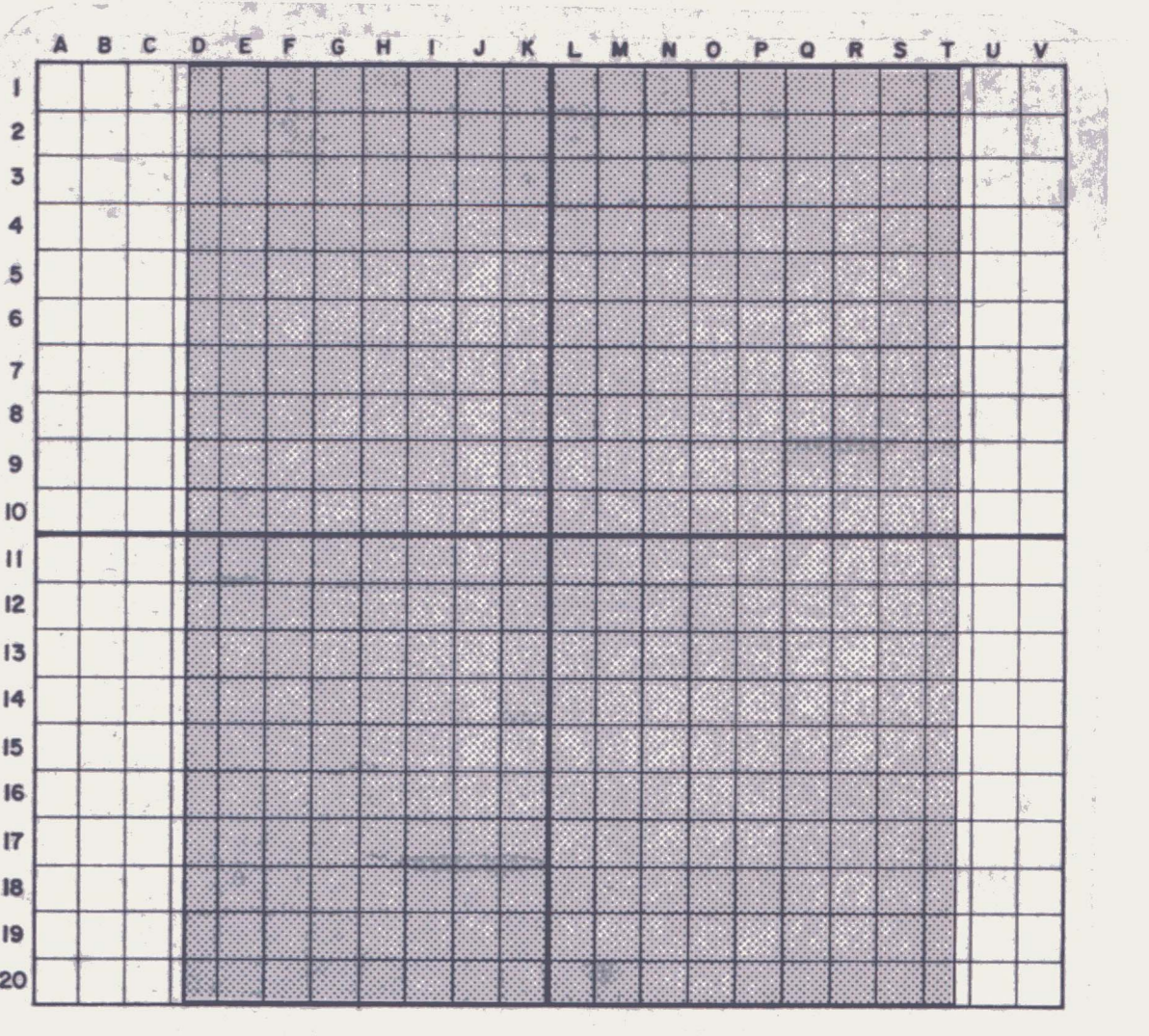
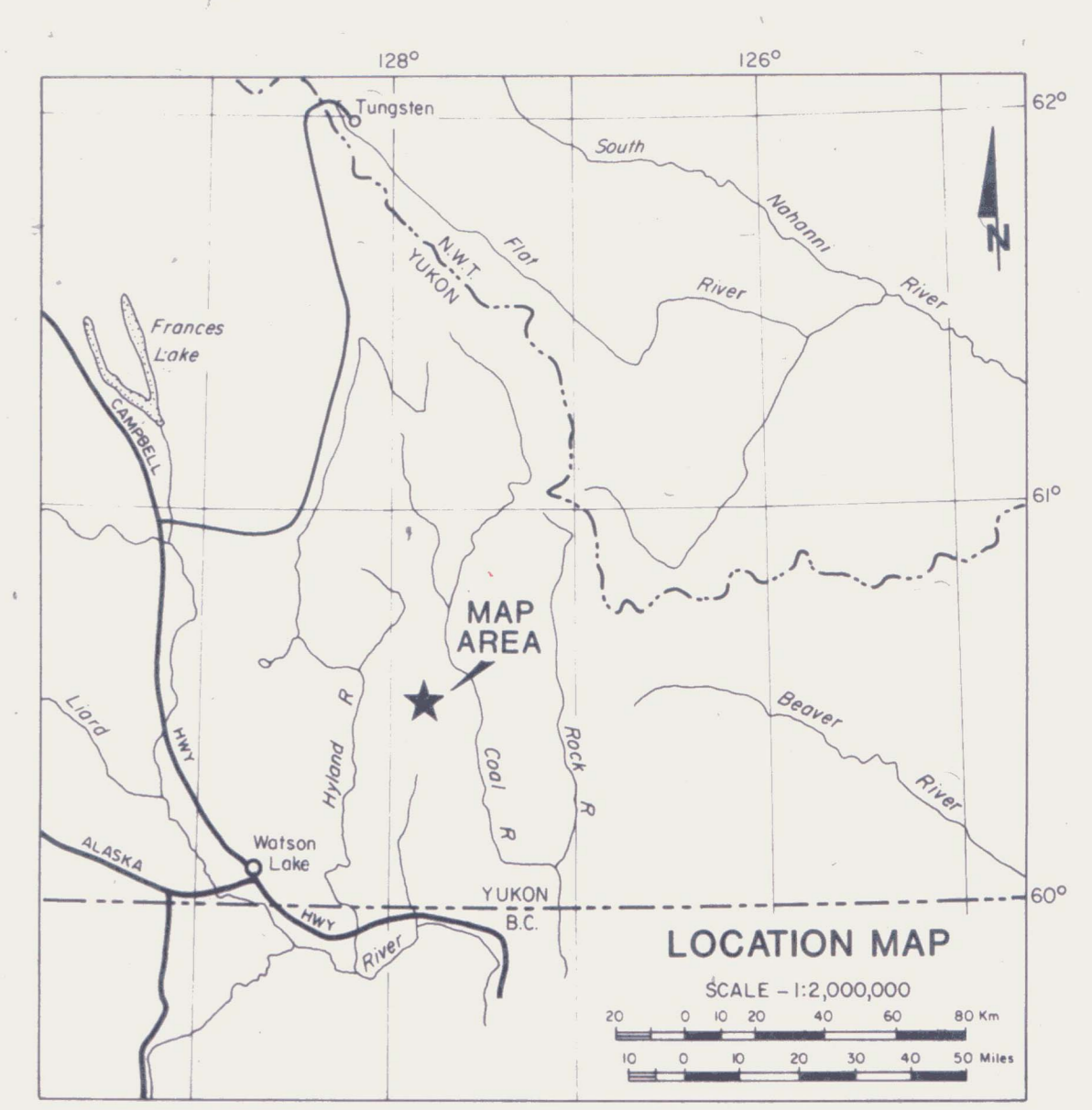
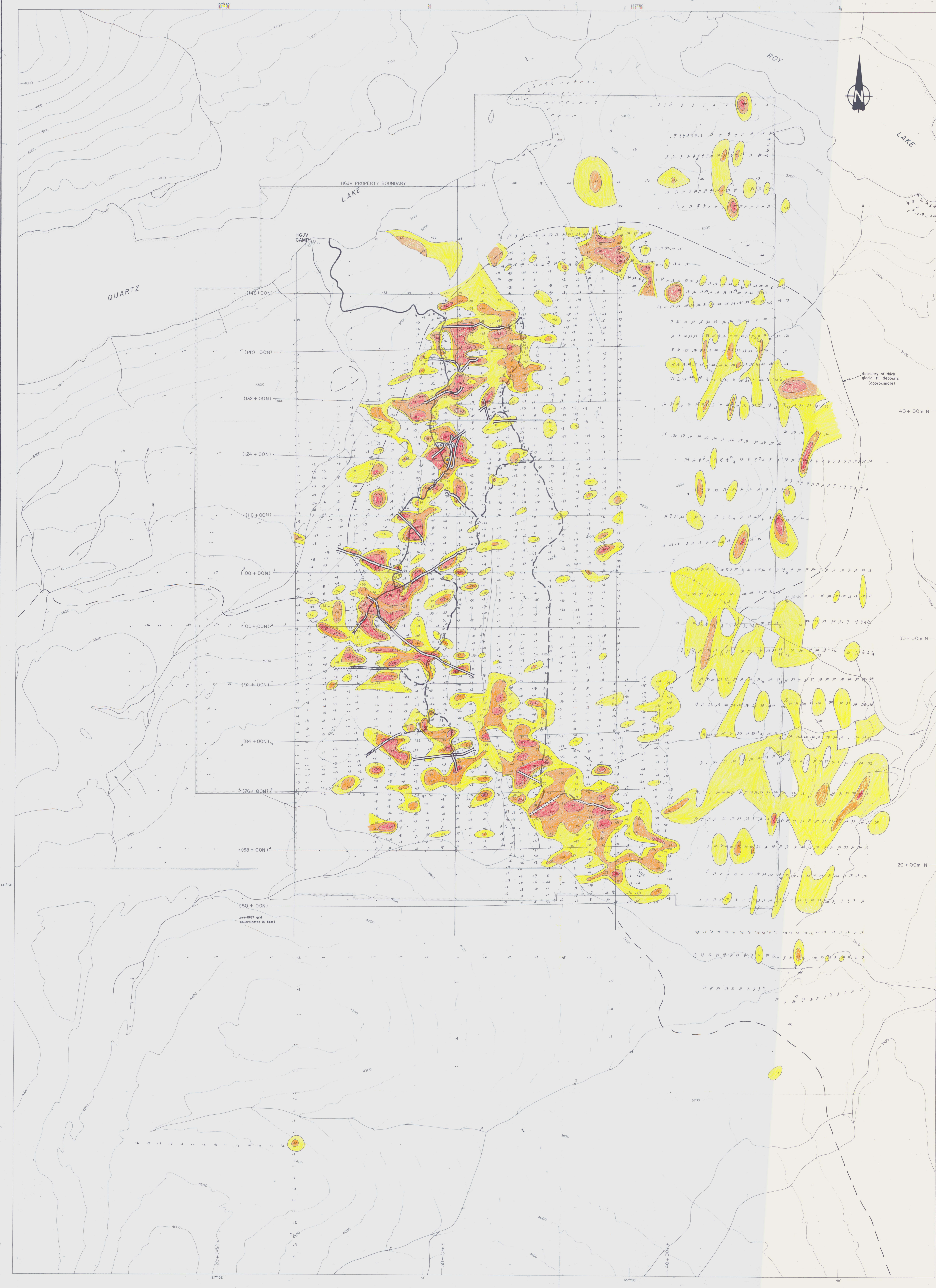
Figure 5
 ARCHER, CATIRO & ASSOCIATES (1981) LIMITED

GEOLOGY 092005

HYLAND GOLD PROPERTY
 HYLAND GOLD JOINT VENTURE (1597)

SCALE 1:50,000
 0 100 200 300 400 metres

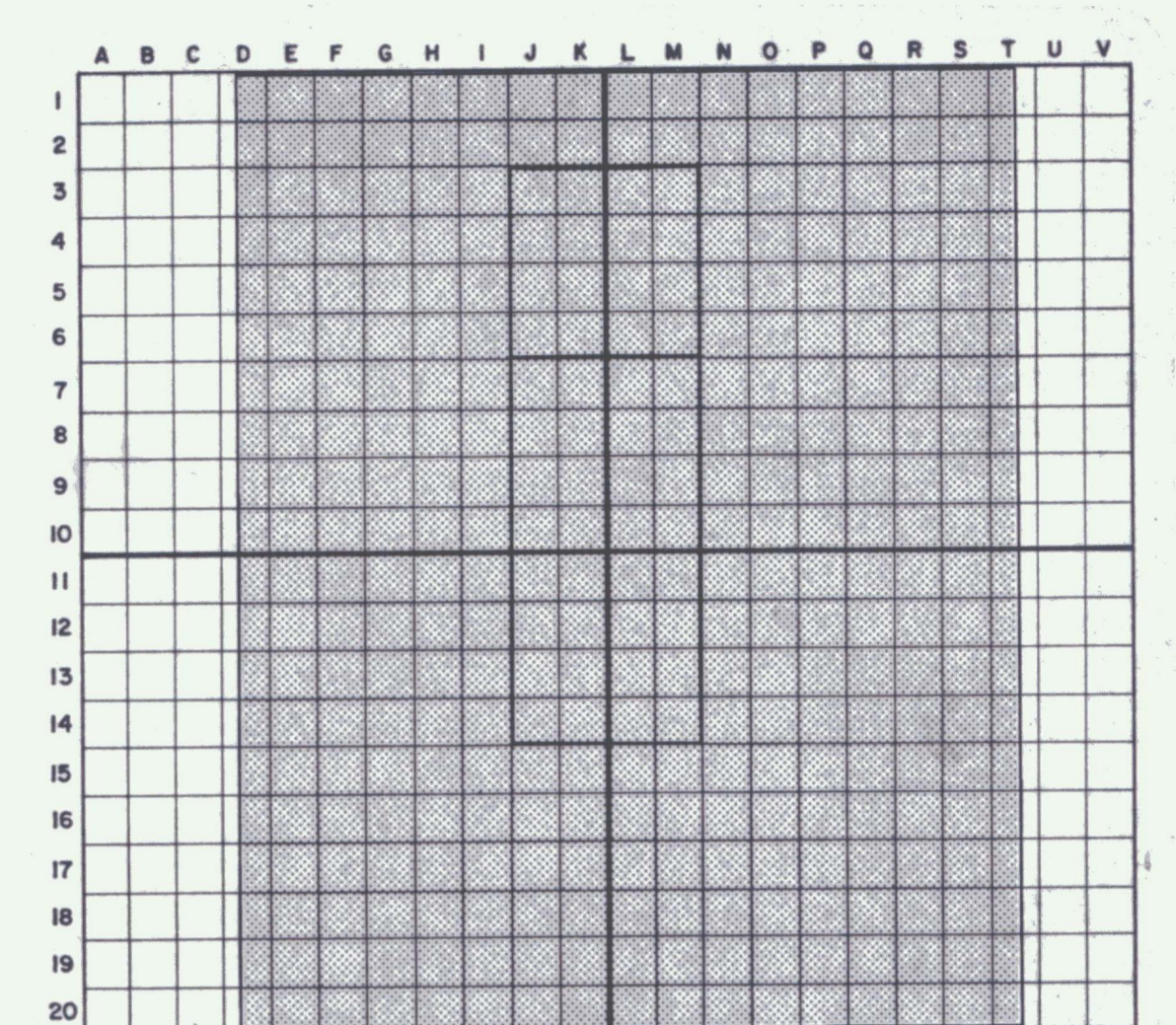
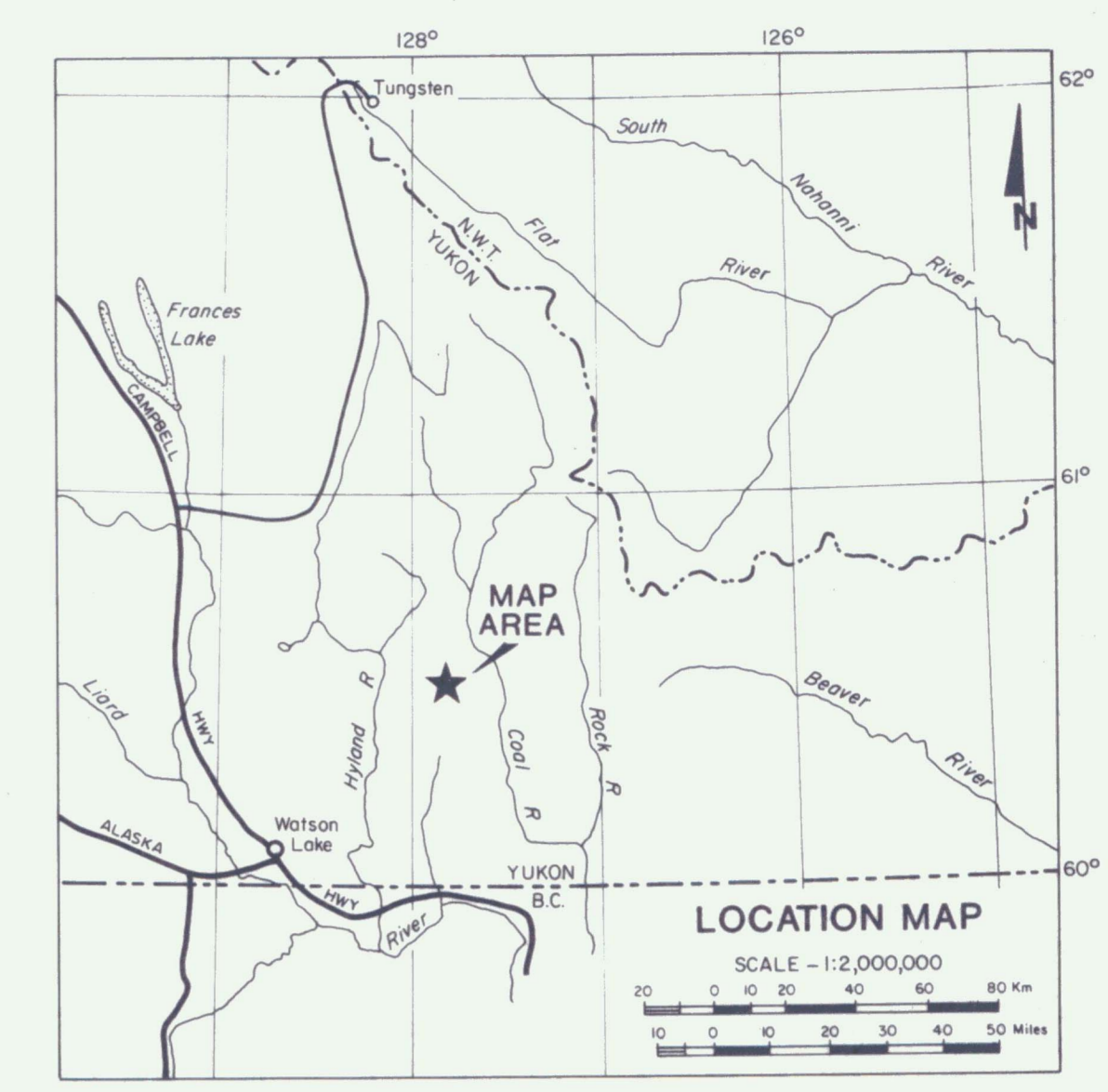
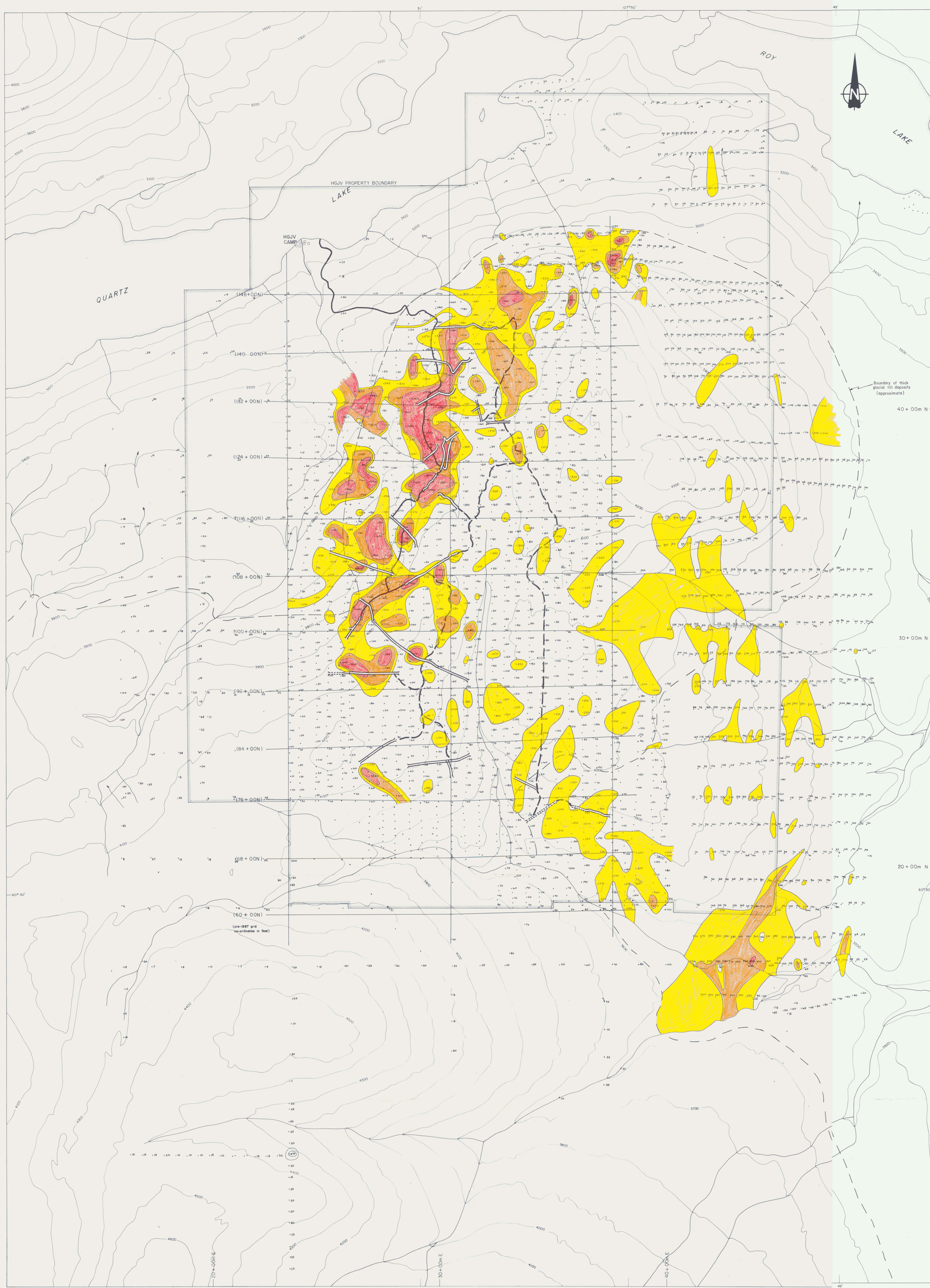
To accompany report dated December 1987



- LEGEND**
- Soil sample location (ppt Au)
 - 4WD road
 - Cat track
 - Cat trench (to bedrock)
 - Cat trench (not to bedrock)
 - Hand trench (1986)
- GOLD SOIL GEOCHEMISTRY**
- ≥25>50
 - ≥50>100
 - ≥100ppb
- TRENCH ASSAYS**
- ≥0.35 > 0.85 (grams/tonne Au)
 - ≥0.85 > 1.70
 - ≥1.70

092005

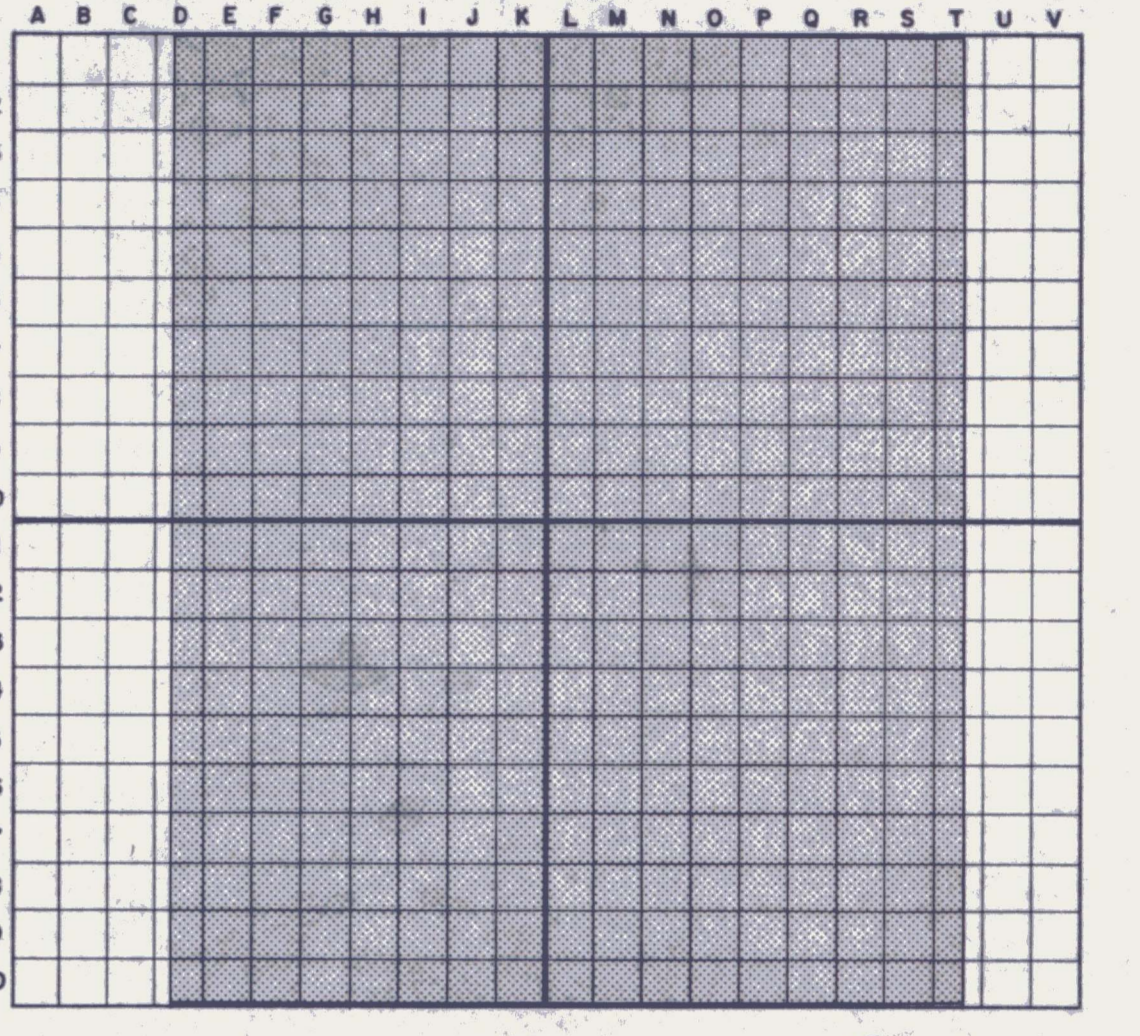
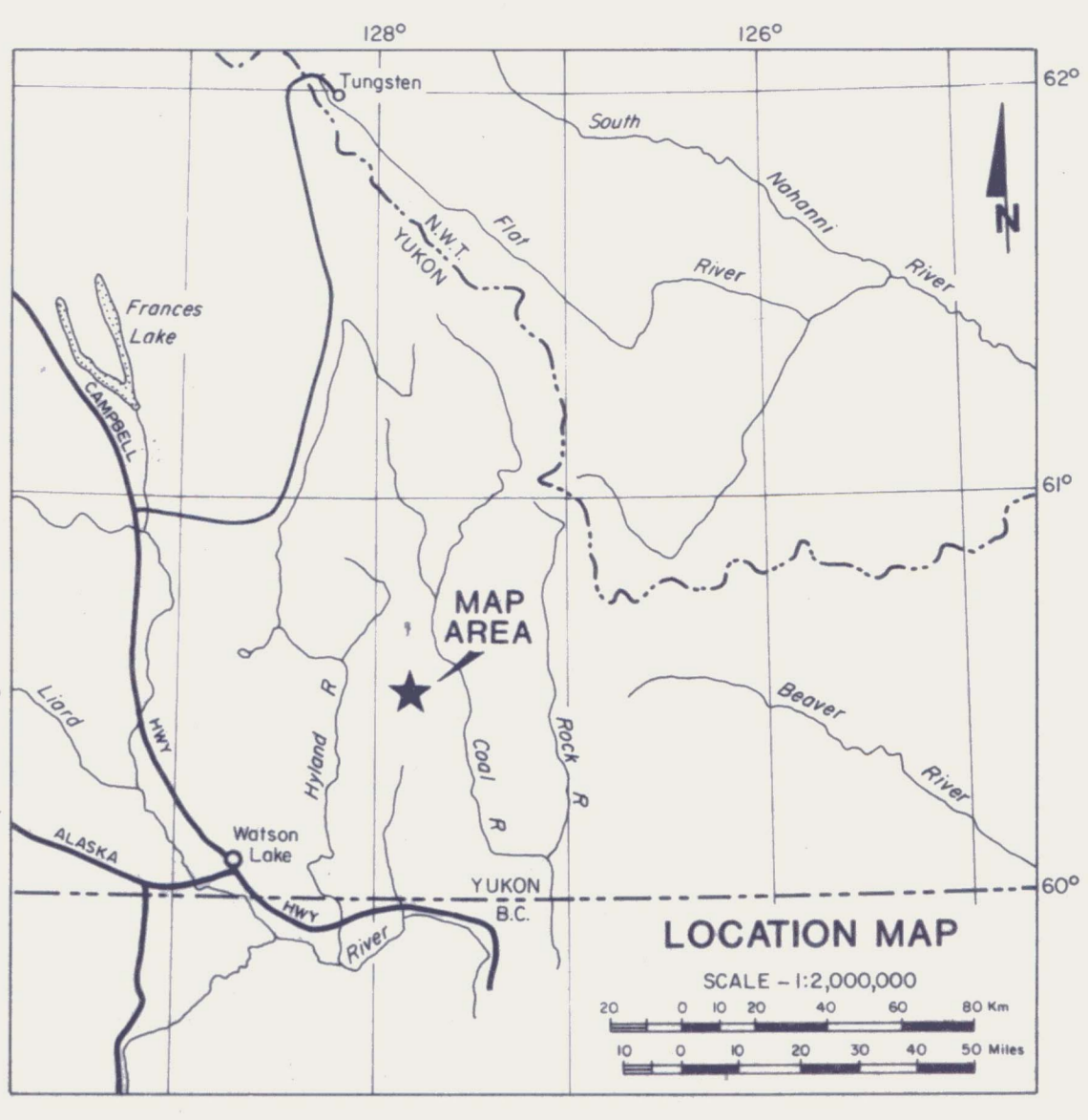
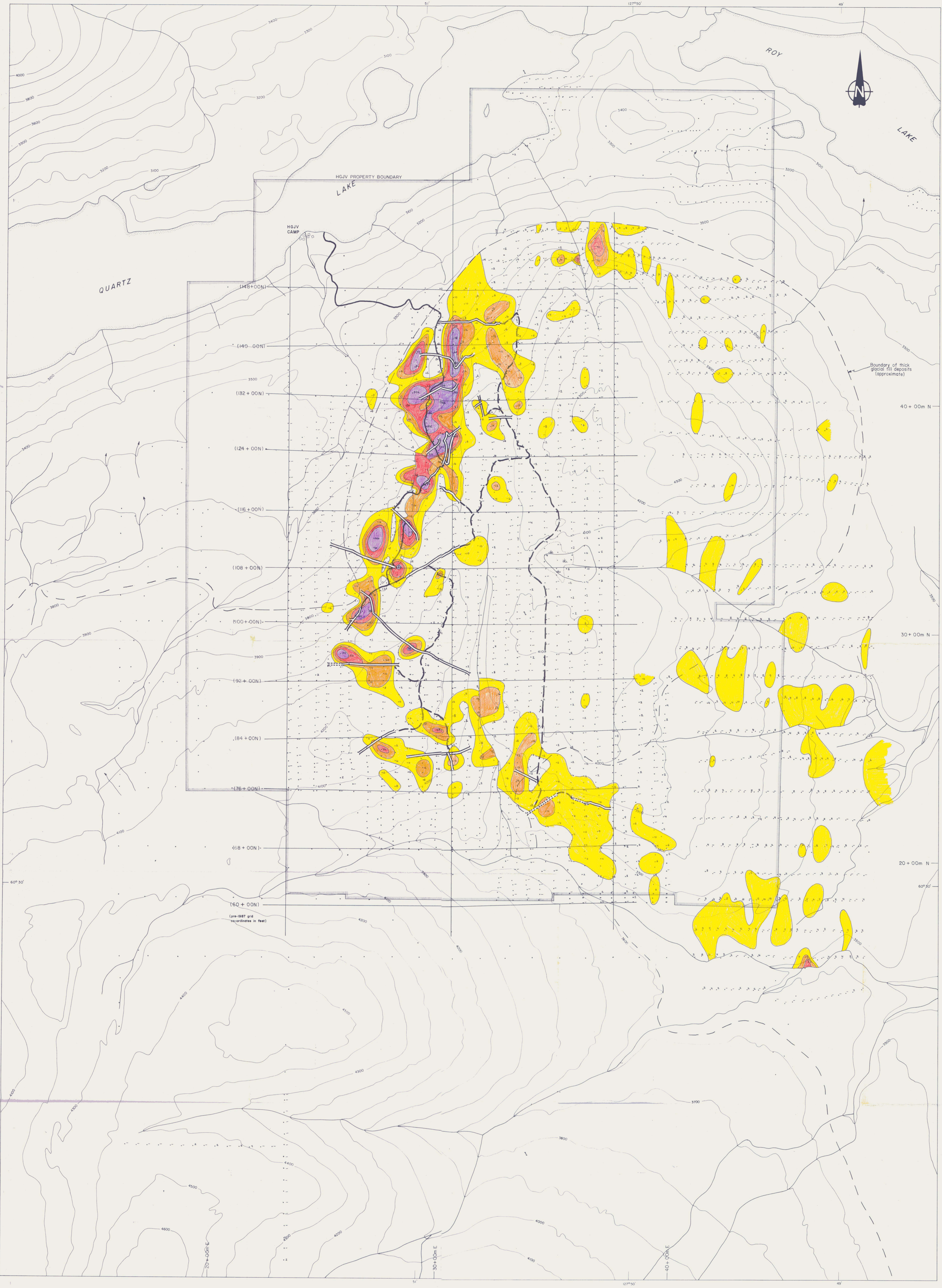
1598



- LEGEND**
- Soil sample location (ppm As)
 - 4-wheel-drive road
 - Bulldozer trail
 - Bulldozer trench (to bedrock)
 - Bulldozer trench (not to bedrock)
 - Hand trench (1986)
- ARSENIC SOIL GEOCHEMISTRY**
- Yellow: $\geq 200 > 400$ ppm
 - Orange: $\geq 400 > 800$ ppm
 - Red: ≥ 800 ppm

Figure 7
 ARCHER, CATRO & ASSOCIATES (1983) LIMITED
ARSENIC GEOCHEMISTRY
 HYLAND GOLD PROPERTY
 HYLAND GOLD JOINT VENTURE
 SCALE 1:8000
 To accompany report dated December 1987

092005
 1599



- LEGEND**
- Soil sample location (ppm Bi)
 - 4WD road
 - Cat track
 - Cat trench (to bedrock)
 - Cat trench (not to bedrock)
 - Hand trench (1983)
- BISMUTH SOIL GEOCHEMISTRY**
- Yellow: $\geq 4 > 10$ ppm
 - Orange: $\geq 10 > 20$ ppm
 - Red: $\geq 20 > 50$ ppm
 - Purple: ≥ 50 ppm

Figure 8
 ARCHER, CATRO & ASSOCIATES (1981) LIMITED

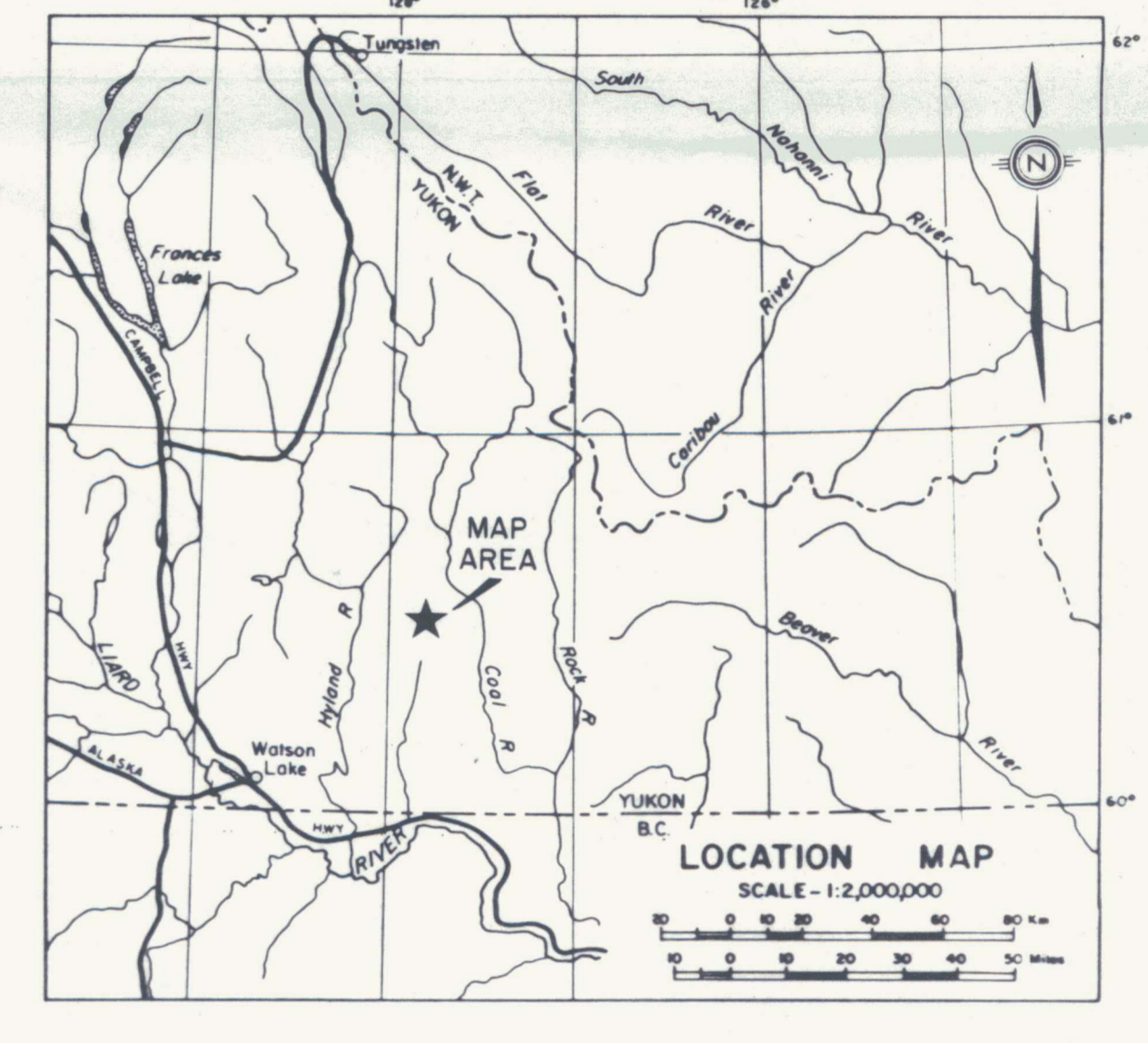
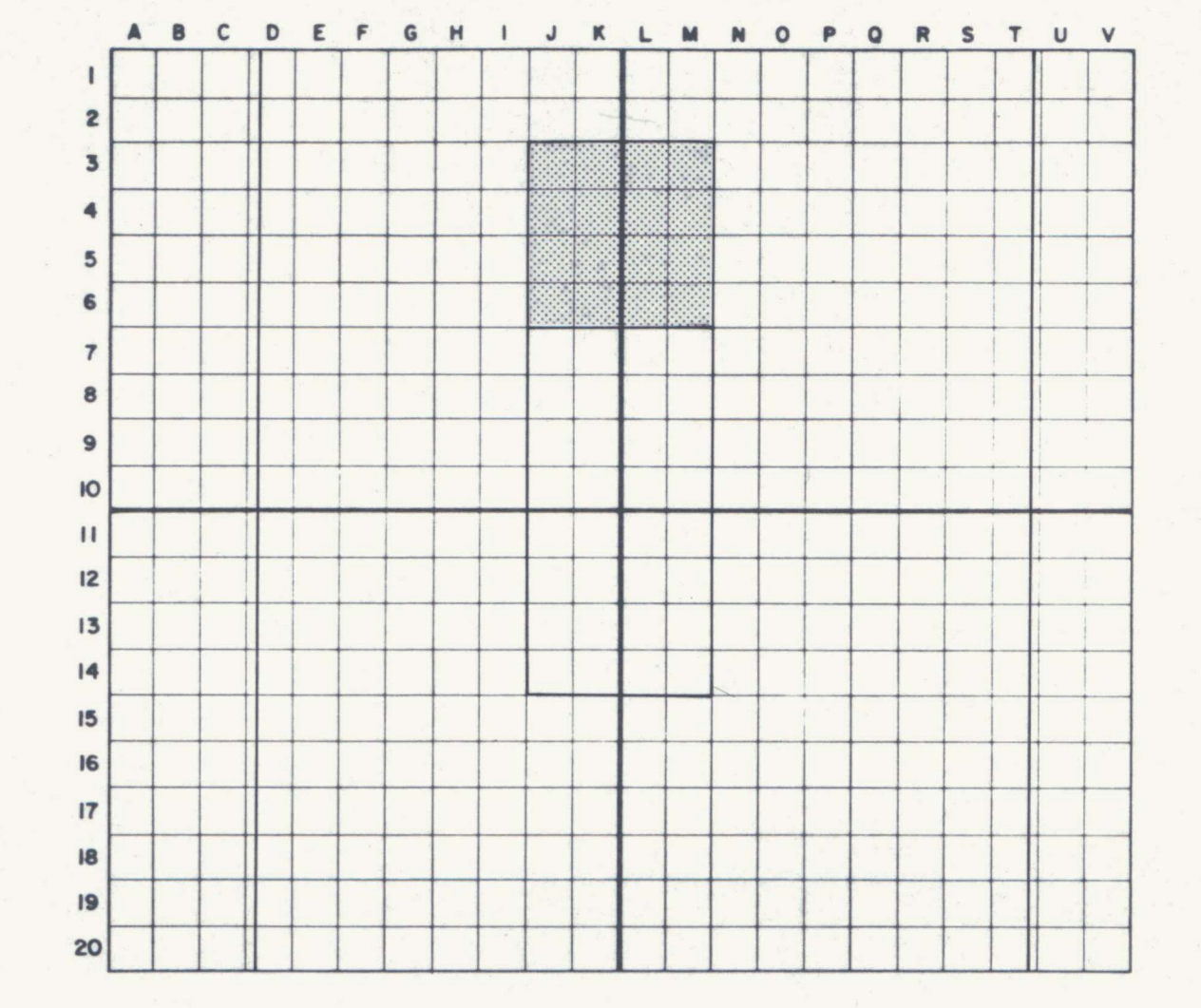
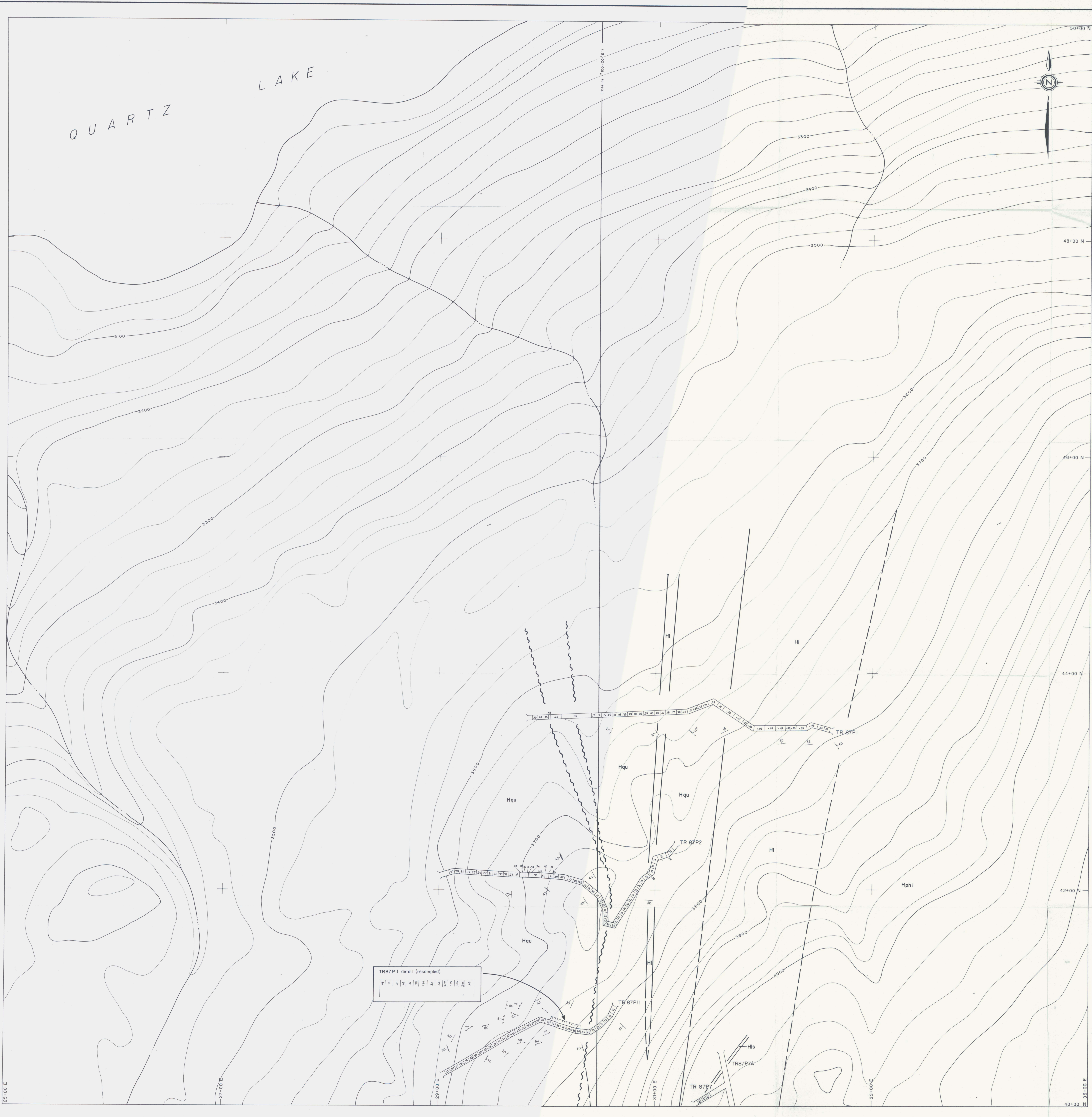
BISMUTH GEOCHEMISTRY
 HYLAND GOLD PROPERTY
 HYLAND GOLD JOINT VENTURE

SCALE 1:5000
 0 100 200 300 400 METERS
 0 100 200 300 400 FEET

To accompany report dated December 1987

002008

1600



CONVERSION TABLE: grams/tonne → ounces/ton

| grams/tonne | oz/ton | grams/tonne | oz/ton | grams/tonne | oz/ton |
|-------------|--------|-------------|--------|-------------|--------|
| .03 | .001 | 1.7 | .050 | 7.0 | .204 |
| .05 | .002 | 1.8 | .053 | 7.5 | .219 |
| .10 | .003 | 1.9 | .055 | 8.0 | .233 |
| .15 | .004 | 2.0 | .058 | 8.5 | .248 |
| .20 | .006 | 2.2 | .064 | 9.0 | .263 |
| .25 | .007 | 2.4 | .070 | 9.5 | .277 |
| .30 | .009 | 2.6 | .076 | 10.0 | .292 |
| .35 | .010 | 2.8 | .082 | 10.5 | .308 |
| .40 | .012 | 3.0 | .088 | 11.0 | .321 |
| .45 | .013 | 3.2 | .093 | 11.5 | .336 |
| .50 | .015 | 3.4 | .099 | 12.0 | .350 |
| .55 | .016 | 3.6 | .105 | 12.5 | .365 |
| .60 | .018 | 3.8 | .111 | 13.0 | .379 |
| .65 | .019 | 4.0 | .117 | 13.5 | .394 |
| .70 | .020 | 4.2 | .123 | 14.0 | .408 |
| .75 | .022 | 4.4 | .128 | 14.5 | .423 |
| .80 | .023 | 4.6 | .134 | 15.0 | .438 |
| .85 | .025 | 4.8 | .140 | 15.5 | .452 |
| .90 | .026 | 5.0 | .146 | 16.0 | .467 |
| .95 | .028 | 5.2 | .152 | 16.5 | .481 |
| 1.00 | .029 | 5.4 | .158 | 17.0 | .496 |
| 1.10 | .032 | 5.8 | .168 | 17.5 | .510 |
| 1.20 | .035 | 5.9 | .169 | 18.0 | .525 |
| 1.30 | .038 | 6.0 | .175 | 18.5 | .540 |
| 1.40 | .041 | 6.2 | .181 | 19.0 | .554 |
| 1.50 | .044 | 6.4 | .187 | 19.5 | .569 |
| 1.60 | .047 | 6.6 | .193 | 20.0 | .583 |

(34.285 grams/tonne = 1 ounce/ton)

- LEGEND
- contact (observed, approximate or assumed)
 - - - fault (observed, approximate or assumed)
 - ~ ~ ~ limit of outcrop
 - ~ ~ ~ bedding attitude
 - ~ ~ ~ fault attitude
 - ~ ~ ~ jointing attitude
 - ~ ~ ~ vein attitude
 - soil sample
- Trench assays are given in grams per tonne gold

- Lithologies
- CAMBRIAN-HADRINTIAN
- H1 (1a) Dark limestones, thin shales and argillaceous limestones (may be in part Lower Cambrian) is siderite
 - Im massive sulphide
 - Hh1 (1) Grey, black and green phyllites, in places graphitic and often interbedded with Hph2 and Hqu
 - Hh2 (2) Pink, tan, maroon and green phyllitic siltstones and phyllites; often interbedded with Hph1
 - Hqu (3) Grey and buff coloured orthoquartzites, lithic quartzites and calcareous quartzites, in places showing evidence of hydrothermal alteration; gradational to Hgr; often includes interbedded Hph1
 - Hgr (4) Grey to buff coloured gritty quartzites and quartz-agen grits composed of bluish to milky quartz-agen in a coarse sandstone matrix
 - Hs Quartzite breccia with tourmaline replacement and limonite-hematite matrix
- Numbers in brackets refer to units on geological map 11-1568 (950 - Coal River).

TR 87P11 detail (resampled)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

Figure 9
 ARCHER, CATRO & ASSOCIATES (1981) LIMITED

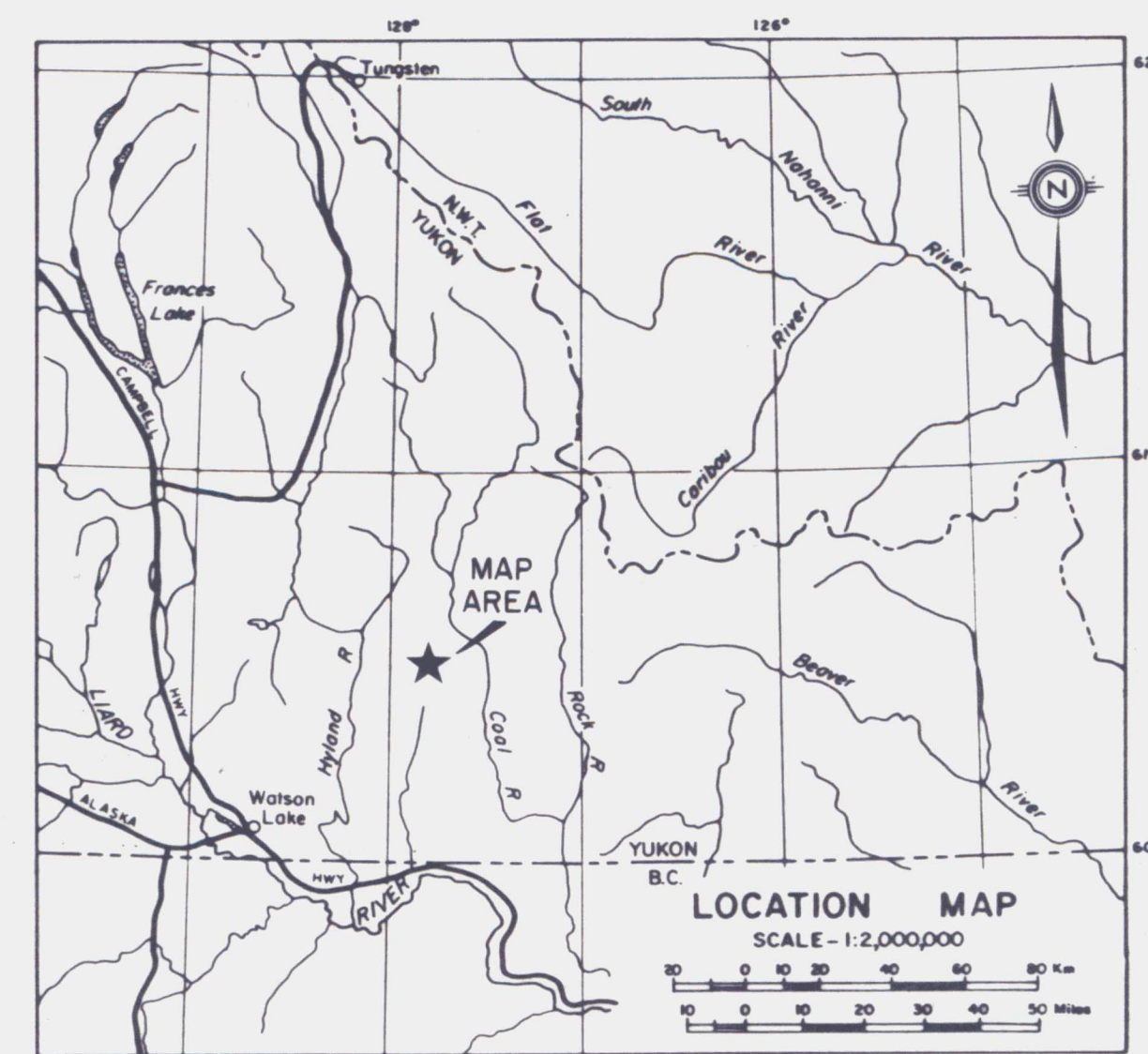
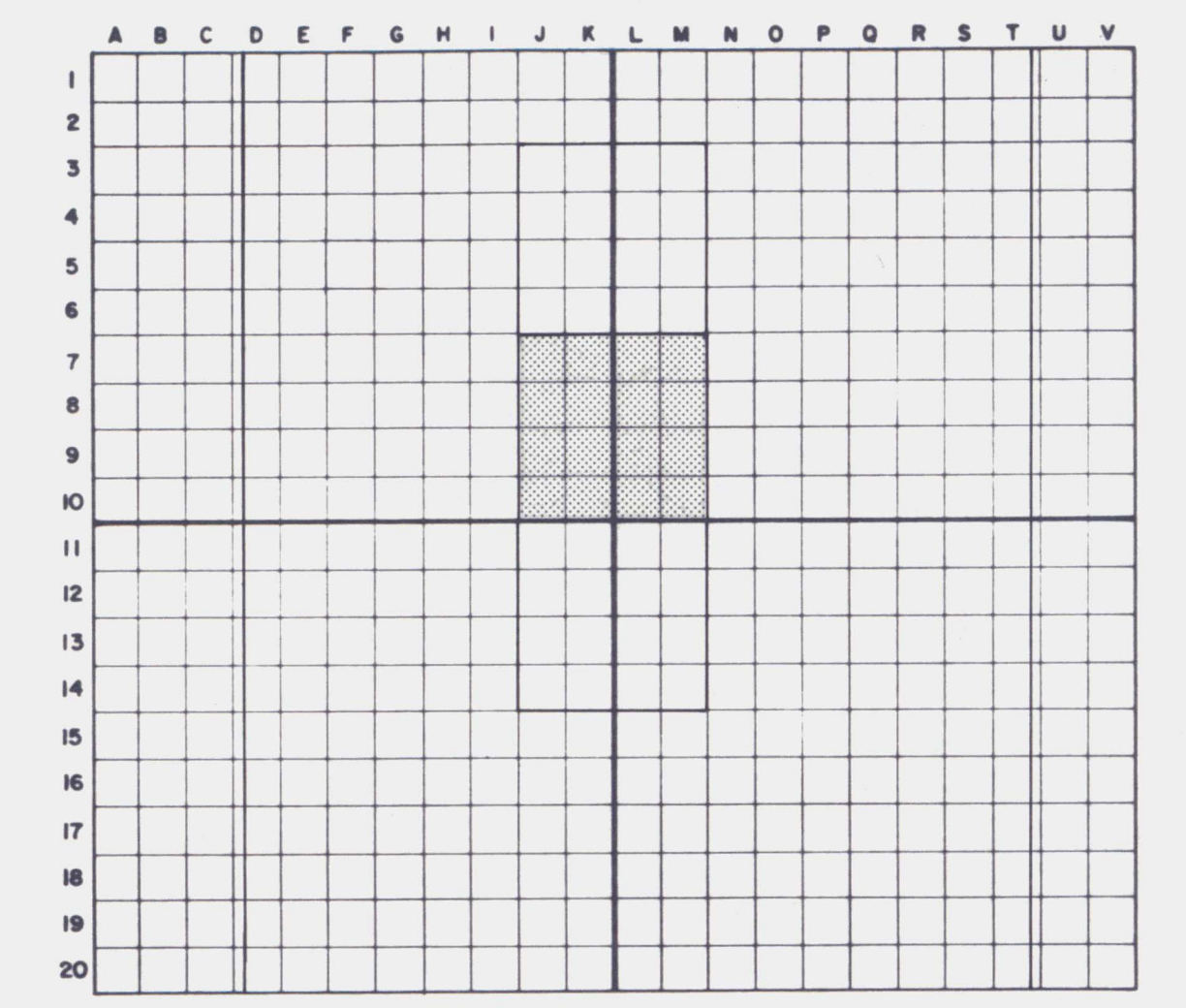
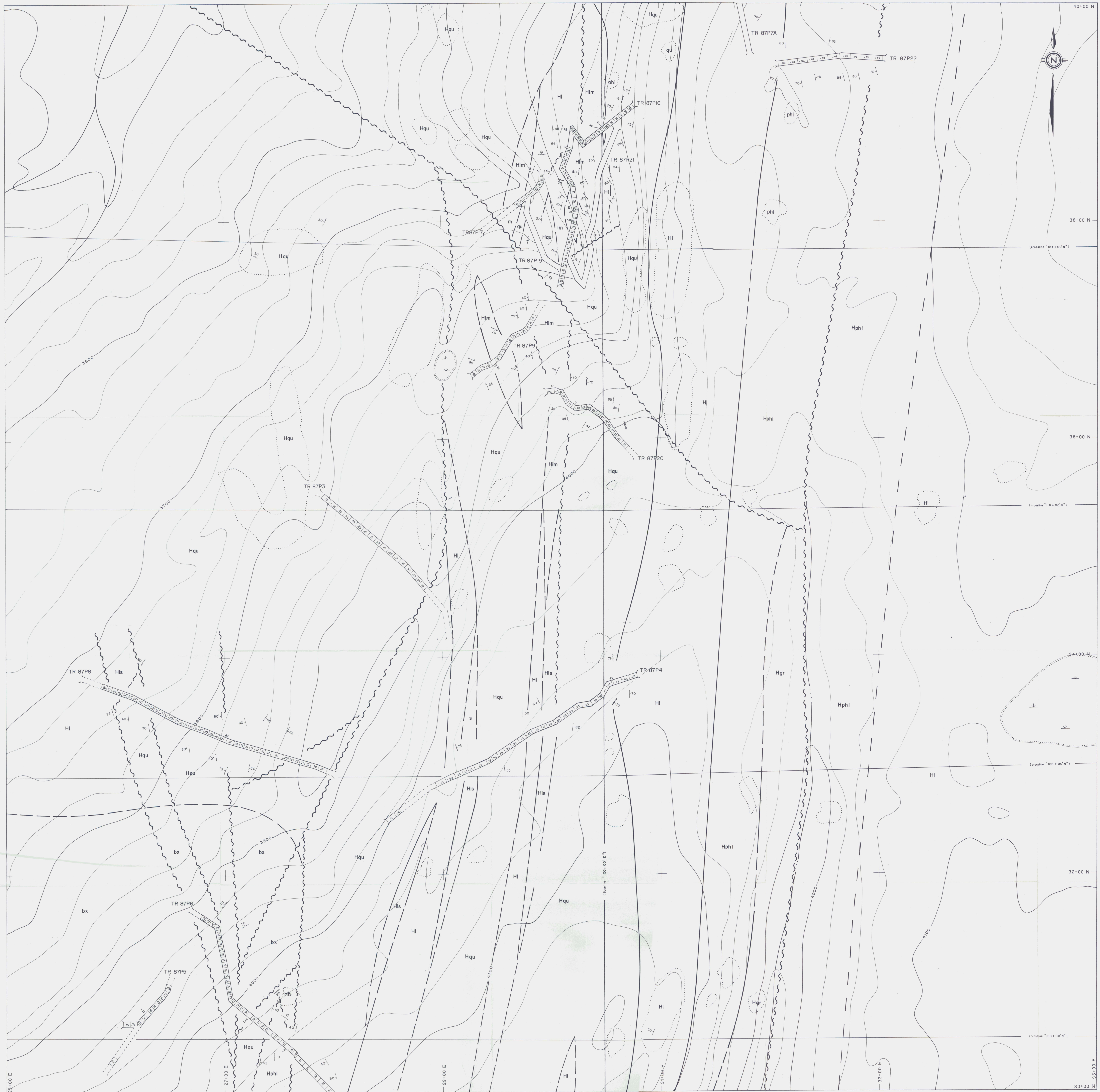
TRENCH ASSAYS & GEOLOGY 092000

HYLAND GOLD PROPERTY - NORTH

HYLAND GOLD JOINT VENTURE 1601

SCALE - 1:1000
 0 10 20 30 40 50 60 70 80 90 100 METERS
 0 10 20 30 40 50 60 70 80 90 100 FEET

7th September 1981 (Edited December 1987)



CONVERSION TABLE: grams/tonne → ounces/ton

| grams/tonne | oz/ton | grams/tonne | oz/ton | grams/tonne | oz/ton |
|-------------|--------|-------------|--------|-------------|--------|
| .03 | .001 | 1.7 | .050 | 7.0 | .204 |
| .05 | .002 | 1.8 | .053 | 7.5 | .219 |
| .10 | .003 | 1.9 | .055 | 8.0 | .233 |
| .15 | .004 | 2.0 | .058 | 8.5 | .248 |
| .20 | .006 | 2.2 | .064 | 9.0 | .263 |
| .25 | .007 | 2.4 | .070 | 9.5 | .277 |
| .30 | .009 | 2.6 | .076 | 10.0 | .292 |
| .35 | .010 | 2.8 | .082 | 10.5 | .306 |
| .40 | .012 | 3.0 | .088 | 11.0 | .321 |
| .45 | .013 | 3.2 | .093 | 11.5 | .335 |
| .50 | .015 | 3.4 | .099 | 12.0 | .350 |
| .55 | .016 | 3.6 | .105 | 12.5 | .365 |
| .60 | .018 | 3.8 | .111 | 13.0 | .379 |
| .65 | .019 | 4.0 | .117 | 13.5 | .394 |
| .70 | .020 | 4.2 | .123 | 14.0 | .408 |
| .75 | .022 | 4.4 | .128 | 14.5 | .423 |
| .80 | .023 | 4.6 | .134 | 15.0 | .438 |
| .85 | .025 | 4.8 | .140 | 15.5 | .452 |
| .90 | .026 | 5.0 | .146 | 16.0 | .467 |
| .95 | .028 | 5.2 | .152 | 16.5 | .481 |
| 1.00 | .029 | 5.4 | .158 | 17.0 | .496 |
| 1.10 | .032 | 5.6 | .163 | 17.5 | .510 |
| 1.20 | .035 | 5.8 | .169 | 18.0 | .525 |
| 1.30 | .038 | 6.0 | .175 | 18.5 | .540 |
| 1.40 | .041 | 6.2 | .181 | 19.0 | .554 |
| 1.50 | .044 | 6.4 | .187 | 19.5 | .569 |
| 1.60 | .047 | 6.6 | .193 | 20.0 | .583 |

(34,285 grams/tonne = 1 ounce/ton)

- LEGEND**
- contact (observed, approximate or assumed)
 - - - fault (observed, approximate or assumed)
 - ~ limit of outcrop
 - ~ bedding attitude
 - ~ fault attitude
 - ~ jointing attitude
 - ~ vein attitude
 - soil sample
 - Trench assays are given in grams per tonne gold
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 - im massive sulphide
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 - Hgr (1) Grey to buff coloured gritty quartzites and quartz-agen grits composed of bluish to milky quartz-agen in a coarse sandstone matrix
 - Bx Quartzite breccia with tourmaline replacement and ilmenite-hematite matrix
- Numbers in brackets refer to units on geological map 11-1568 (PSD - Coal River).

Figure 10
 ARCHER, CATIRO & ASSOCIATES (1981) LIMITED

TRENCH ASSAYS & GEOLOGY

HYLAND GOLD PROPERTY - CENTRAL

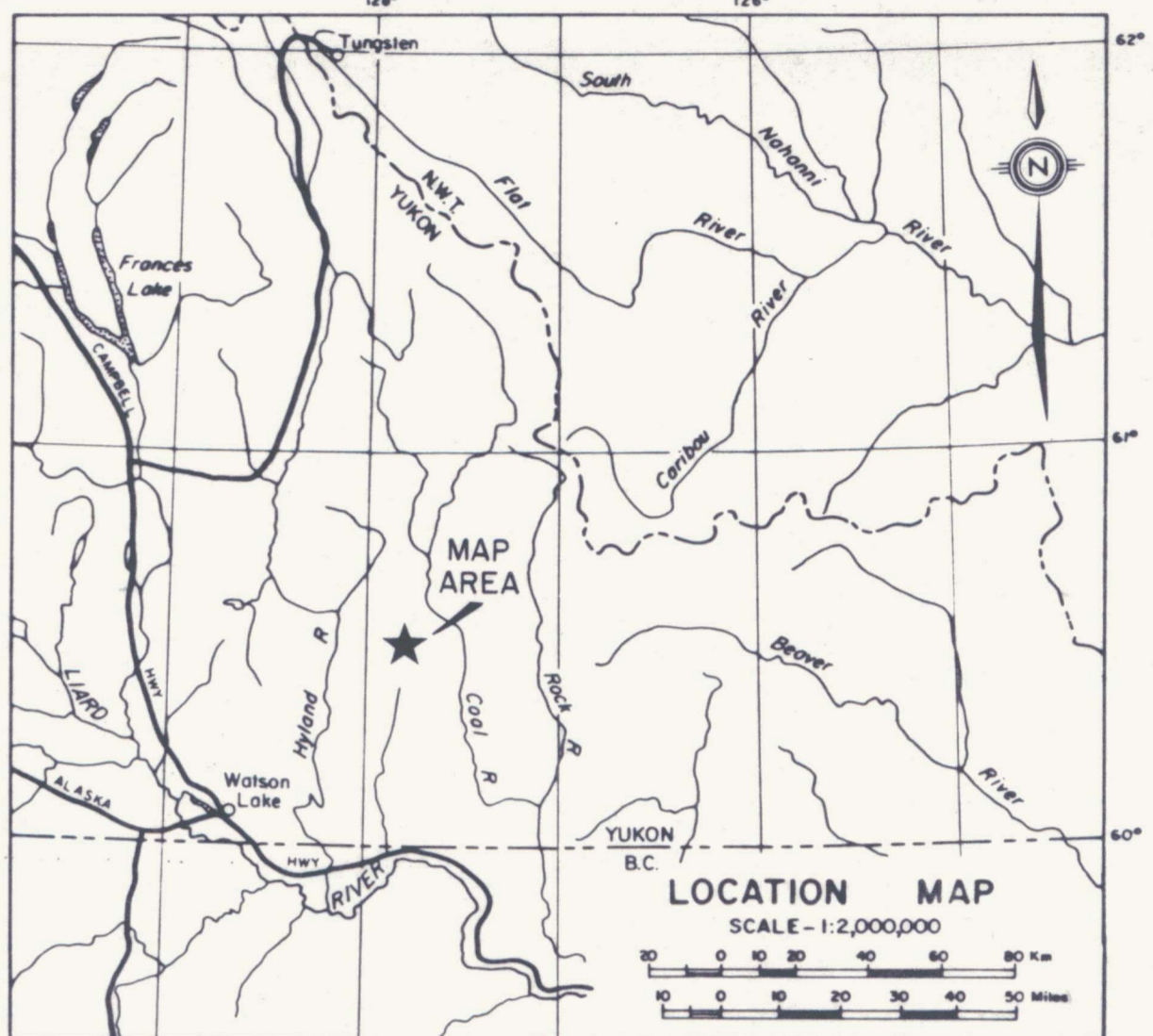
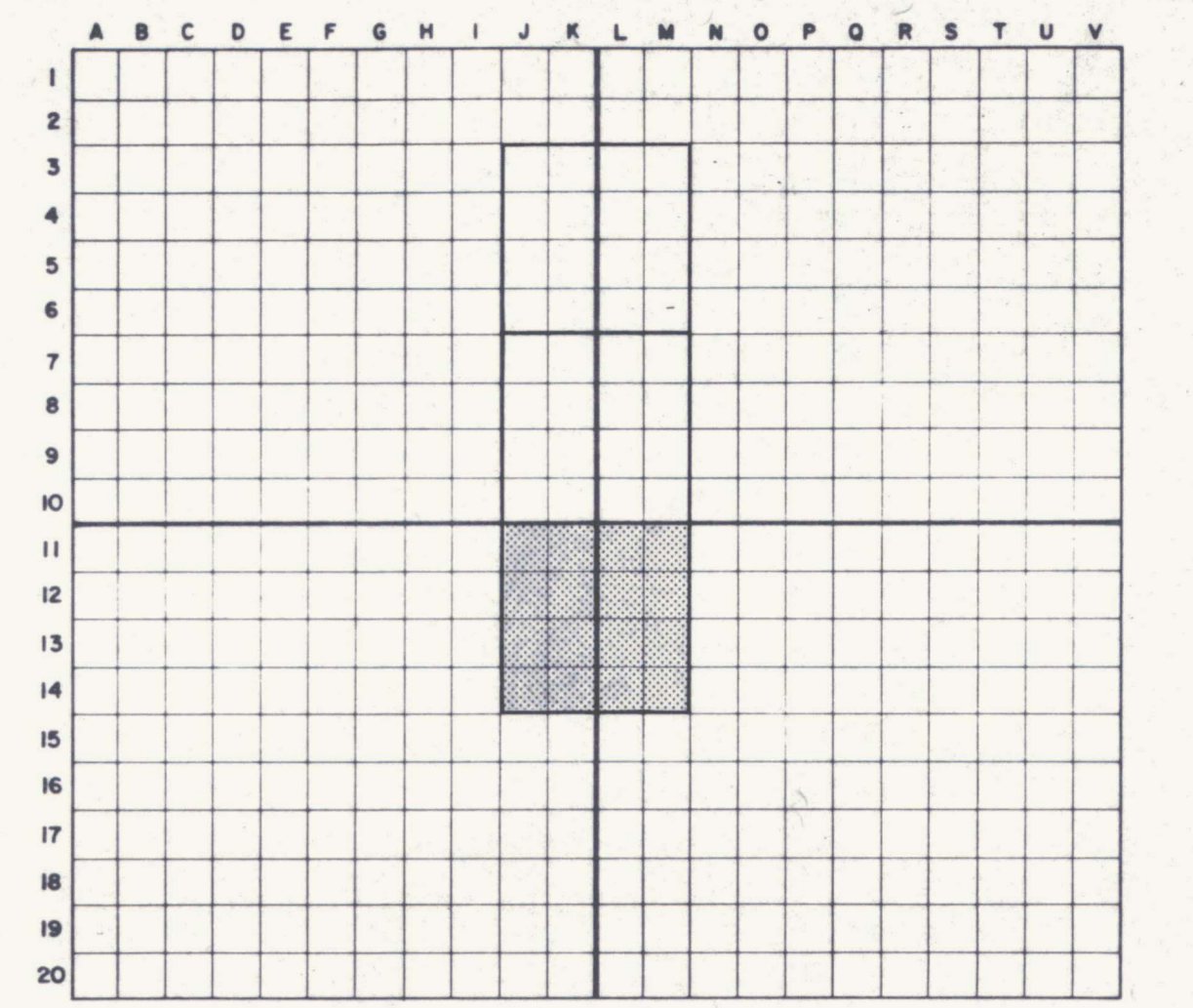
HYLAND GOLD JOINT VENTURE

SCALE - 1:5000

0 10 20 30 40 50 60 70 80 90 100 METERS

0 10 20 30 40 50 60 70 80 90 100 FEET

To accompany report dated December 1981



CONVERSION TABLE: grams/tonne -> ounces/ton

| grams/tonne | oz/ton | grams/tonne | oz/ton | grams/tonne | oz/ton |
|-------------|--------|-------------|--------|-------------|--------|
| .03 | .001 | 1.7 | .050 | 7.0 | .204 |
| .05 | .002 | 1.8 | .053 | 7.5 | .219 |
| .10 | .003 | 1.9 | .056 | 8.0 | .233 |
| .15 | .004 | 2.0 | .058 | 8.5 | .248 |
| .20 | .006 | 2.2 | .064 | 9.0 | .263 |
| .25 | .007 | 2.4 | .070 | 9.5 | .277 |
| .30 | .009 | 2.6 | .076 | 10.0 | .292 |
| .35 | .010 | 2.8 | .082 | 10.5 | .306 |
| .40 | .012 | 3.0 | .088 | 11.0 | .321 |
| .45 | .013 | 3.2 | .093 | 11.5 | .335 |
| .50 | .015 | 3.4 | .099 | 12.0 | .350 |
| .55 | .016 | 3.6 | .105 | 12.5 | .365 |
| .60 | .018 | 3.8 | .111 | 13.0 | .379 |
| .65 | .019 | 4.0 | .117 | 13.5 | .394 |
| .70 | .020 | 4.2 | .123 | 14.0 | .408 |
| .75 | .022 | 4.4 | .128 | 14.5 | .423 |
| .80 | .023 | 4.6 | .134 | 15.0 | .438 |
| .85 | .025 | 4.8 | .140 | 15.5 | .452 |
| .90 | .026 | 5.0 | .146 | 16.0 | .467 |
| .95 | .028 | 5.2 | .152 | 16.5 | .481 |
| 1.00 | .029 | 5.4 | .158 | 17.0 | .496 |
| 1.10 | .032 | 5.6 | .163 | 17.5 | .510 |
| 1.20 | .035 | 5.8 | .169 | 18.0 | .525 |
| 1.30 | .038 | 6.0 | .175 | 18.5 | .540 |
| 1.40 | .041 | 6.2 | .181 | 19.0 | .554 |
| 1.50 | .044 | 6.4 | .187 | 19.5 | .569 |
| 1.60 | .047 | 6.8 | .198 | 20.0 | .583 |

(34,285 grams/tonne = 1 ounce/ton)

- LEGEND
- contact (observed, approximate or assumed)
 - - - fault (observed, approximate or assumed)
 - limit of outcrop
 - bedding attitude
 - fault attitude
 - jointing attitude
 - vein attitude
 - soil sample
- Trench assays are given in grams per tonne gold

- Lithologies
- CAMBRIAN-HADRYNIAN**
 - Hl (1a)** Dark limestones, thin shales and argillaceous limestones (May be in part Lower Cambrian) siderite
 - Im** massive sulphide
 - Hph 1 (1)** Grey, black and green phyllites, in places graphitic and often interbedded with Hph 2 and Hqu
 - Hph 2 (1)** Pink, tan, maroon and green phyllitic siltstones and phyllites; often interbedded with Hph 1
 - Hqu (1)** Grey and buff coloured orthoquartzites, lithic quartzites and calcareous quartzites, in places showing evidence of hydrothermal alteration; gradational to Hgr; often includes interbedded Hgr
 - Hgr (1)** Grey to buff coloured gritty quartzites and quartz-sagen grits composed of bluish to milky quartz-sagen in a coarse sandstone matrix
 - Bx** Quartzite breccia with tourmaline replacement and limonite-hematite matrix
- Numbers in brackets refer to units on geological map 11-1568 (S0 - Coal River).

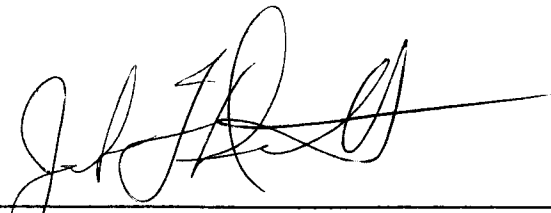
Figure 11
 ARCHER, CATRO & ASSOCIATES (1989) LIMITED
TRENCH ASSAYS & GEOLOGY
 HYLAND GOLD PROPERTY - SOUTH
 HYLAND GOLD JOINT VENTURE
 SCALE - 1:1000
 1603

APPENDIX I
AUTHORS' STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Jack T. Dennett, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia, and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1984 with a B.Sc. majoring in Geological Sciences.
2. I am a member of the Geological Association of Canada.
3. From 1984 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and am presently employed with Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in or supervised the field work reported herein and have assembled all data resulting from this work.



Jack T. Dennett, Dipl.T., B.Sc.

STATEMENT OF QUALIFICATIONS

I, W. Douglas Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia, and residential address in Burnaby, British Columbia, do hereby declare:

1. I graduated from the University of British Columbia in 1980 with a B.Sc.
2. From 1971 to the present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, became a partner in Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

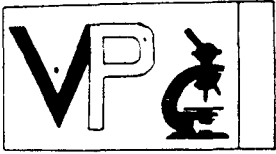


W. Douglas Eaton, B.A., B.Sc.

APPENDIX II
LIST OF PERSONNEL

| <u>NAME</u> | <u>POSITION</u> | <u>DATES ON PROPERTY</u> |
|---------------|----------------------|---|
| J.T. Dennett | Geologist/Crew Chief | June 3-July 26; July 29-September 8 |
| G. Cockell | Fieldman | (part time) June 3-July 26; July 29-September 8 |
| L. Cymbalisky | Fieldman | June 3-August 1; August 6-26 |
| J. Hamilton | Fieldman | June 4-August 1; August 6-30 |
| D. Turner | Fieldman | June 3-July 15 |
| L. Vano | Fieldman | July 14-July 25 |

APPENDIX III
PETROGRAPHIC DESCRIPTIONS



Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
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FORT LANGLEY, B.C.
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Report for: Jack Dennett,
Archer-Cathroe & Associates,
1016 - 510 West Hastings Street,
Vancouver, B.C., V6B 1L8

Invoice 6870
October 1987

by: John G. Payne

Report for: J. Dennett,
Archer, Cathro & Associates, Ltd.,
1016 - 510 West Hastings Street,
VANCOUVER, B.C., V6B 1L8

Invoice 6870
October 1987

Samples: 87 P2 247, 87 P6 446, 87 P6 550, 87 P11 136.4, 87 P12 123,
87 P16 162

Summary: The samples are grouped as follows:

- A: Intermediate to Mafic Volcanic Rocks
- B: Cataclastically Deformed and Tourmaline-Replaced Quartzite
- C: Deformed Tuffaceous Sediment with replacement by Quartz-Pyrite and by Tourmaline

A: Intermediate and Mafic Volcanic Rocks


- 87 P6 446 Basalt: minor plagioclase phenocrysts in a groundmass of plagioclase and lesser clinopyroxene; minor calcite amygdules
- 87 P16 162 Altered Andesite: minor altered hornblende phenocrysts in a groundmass of sericite-calcite-quartz-chlorite; abundant replacement by veins of calcite-quartz-(hematite).

B: Deformed and Replaced Quartzite

- 87 P2 247 Sericitic Quartzite, with one layer rich in tourmaline; tourmaline also forms wispy replacement seams.
- 87 P6 550 Quartzite, partly granulated, with moderate tourmaline replacement in groundmass; brecciated and healed by hematite-limonite.
- 87 P12 123 Relic quartzite(?) fragments replaced by tourmaline; fragments contained in dense aggregate of scorodite-mansfieldite.

C: Tuffaceous Sediment

- 87 P11 136.4 Carbonaceous dacitic tuffaceous sediment, folded; replaced by quartz-pyrite and by tourmaline. Pyrite replaced by hematite and/or leached from the rock, producing gossany appearance.


John G. Payne

The rock was a medium to coarse grained quartzite with wispy seams and patches of sericite, and one layer rich in tourmaline. Tourmaline and zircon also form disseminated patches, as does Ti-oxide/opaque. It was strongly cataclastically deformed, with flattening, granulation and recrystallization of quartz, and development of a strong foliation. The rock is cut by a few quartz veinlets.

| | |
|------------|--------|
| quartz | 88-90% |
| sericite | 7- 8 |
| tourmaline | 1- 2 |
| Ti-oxide | 0.2 |
| zircon | minor |
| muscovite | trace |

Quartz forms lensy to elongate grains from 0.5-1 mm in average length, with a few grains over 2 mm long. These are flattened parallel to foliation. They show strong internal deformation, including granulation to extremely fine grained (0.01-0.02 mm), interlocking aggregates whose grains were slightly rotated relative to neighboring grains, and strongly wavy extinction. Dusty opaque inclusions are common.

Sericite forms wispy, commonly feathery flakes averaging 0.02-0.03 mm in length. These form thin seams and larger, lensy patches intergrown with quartz and oriented parallel to foliation. A few stubby flakes of muscovite are up to 0.1 mm long.

Tourmaline is concentrated in one layer 0.8-1 mm wide, in which it forms mainly prismatic grains averaging 0.03-0.1 mm in size. These generally are unoriented. Along one side of the layer, tourmaline also forms dense patches and lenses of extremely fine grain size. In this layer, tourmaline abundance is about 25%. Tourmaline also forms disseminated prismatic grains in quartz; these are up to 0.2 mm in length and some are broken along a basal parting. The grains described so far are colorless to very pale green. Tourmaline also forms a few irregular grains and clusters up to 0.4 mm in size. These were granulated slightly to moderately during cataclastic deformation. They vary in color, with most being pleochroic from pale or light green to medium green, and one large grain being light orange brown in color. A few lenses of dense, extremely fine grained tourmaline up to 0.02 mm wide are parallel to foliation.

Ti-oxide forms scattered, irregular patches averaging 0.02-0.05 mm in size, with a very few up to 0.1 mm across. These are semiopaque, suggesting that they are leucoxene. Some opaque patches up to 0.05 mm across have subhedral outlines, suggesting that they are pyrite.

Zircon forms ragged patches up to 0.15 mm in size of granulated grains averaging 0.03-0.1 mm in size. A very few euhedral zircon grains occur as inclusions in quartz.

The rock is cut by a few veinlets up to 0.04 mm in width of very fine grained quartz. These were formed by recrystallization of the rock along tension zones. Quartz in the veinlets is undeformed and is relatively free of dusty opaque inclusions. Veinlets cut foliation at a high angle.

The sample is a slightly porphyritic basalt with phenocrysts of plagioclase in a groundmass of lathy plagioclase and interstitial clinopyroxene. Mafic grains are altered moderately to strongly to hematite-limonite. The rock contains amygdules of calcite.

| | | |
|-------------------|-------|----------------------------|
| phenocrysts | | |
| plagioclase | 2- 3% | |
| groundmass | | |
| plagioclase | 65-70 | |
| clinopyroxene | 20-25 | |
| hematite | 2- 3 | (includes minor magnetite) |
| pyrite | minor | |
| amygdules | | |
| calcite | 2- 3 | |
| hematite-limonite | 0.5 | |

Plagioclase forms equant to prismatic phenocrysts from 0.5-2 mm in size. Many show combined Carlsbad-albite twins, and most are slightly zoned. Alteration is slight to hematite.

Plagioclase in the groundmass forms lathy grains averaging 0.2-0.5 mm in length, with a few up to 0.7 mm long. Interstitial to these are anhedral grains of plagioclase averaging 0.1 mm across. Many of these also show compositional zoning.

Clinopyroxene forms ragged, interstitial grains averaging 0.1-0.3 mm in size. Most of these are altered strongly to hematite-limonite, with or without calcite. The abundance of calcite is difficult to determine because of the abundance of iron oxides. One pyroxene grain enclosed in a plagioclase phenocryst has a prismatic cross section and parallel extinction.

Pyrite forms a few patches up to 0.12 mm in size. Many of these are altered strongly to hematite. In some patches, hematite forms colloform textures with irregular patches of limonite near borders of patches. The rock contains minor magnetite as disseminated grains partly altered to hematite.

Amygdules are spherical and average 0.7-1 mm in size. Some contain a thin rim of extremely fine grained calcite surrounding a core of very fine grained, feathery calcite, with a few coarser, equant grains up to 0.15 mm in size. Some patches contain moderately abundant hematite-limonite.

The rock is a fine to medium grained quartzite which was moderately cataclastically deformed, with abundant replacement in the groundmass by tourmaline, and with minor replacement by pyrite. The rock is cut by a veinlets of quartz, and was later brecciated strongly, and the breccia groundmass partly filled by limonite-hematite.

| | |
|---------------------------|--------|
| quartz | |
| detrital grains | 65-70% |
| recrystallized groundmass | 15-17 |
| tourmaline | 8-10 |
| pyrite | 0.3 |
| Ti-oxide | minor |
| zircon | trace |
| veins | |
| quartz | 0.5 |
| hematite-limonite | 5- 7 |

Quartz forms equant, subrounded, detrital grains averaging 0.2-0.8 mm in size, with a few up to 1.5 mm across. Extinction is moderately to strongly wavy. Grains were recrystallized along borders to extremely fine grained aggregates. Dusty opaque inclusions are common.

Interstitial to detrital quartz grains are seams and patches of extremely fine grained quartz (0.01-0.02 mm). Some of these were formed by cataclastic deformation of coarser quartz grains, and some may represent original quartz groundmass.

Intergrown intimately with groundmass quartz are lenses, patches, and single grains of tourmaline. The lenses are mainly of dense, extremely fine grained aggregates, and commonly are interstitial to detrital quartz grains. Patches and single grains commonly are prismatic in habit, with grain size averaging 0.02-0.05 mm. A few prismatic grains are up to 0.3 mm long. Tourmaline is colorless to very pale green.

Pyrite forms disseminated, euhedral grains averaging 0.1-0.15 mm in size. They are all but completely altered to hematite, with minor relic cores of fresh pyrite. Many grains are represented by casts containing minor hematite along the borders. A few cavities, which are rimmed by hematite and average 0.3-0.8 mm in size, may be casts of original pyrite.

Ti-oxide forms irregular disseminated patches from 0.02-0.07 mm in size.

Zircon forms a few, stubby, prismatic crystals up to 0.05 mm long.

The rock is cut by a vein averaging 0.1-0.2 mm in width of very fine grained quartz.

Strong brecciation fractured the rock. Breccia seams were later filled with hematite-limonite. During this alteration, pyrite was replaced by hematite-limonite and tourmaline replacement patches were stained orange by limonite. Hematite is mainly bright red in color, except in some altered pyrite grains, in which it is opaque. Seams are up to 0.5 mm wide.

The sample is an extremely fine grained tuffaceous sediment dominated by sericite and quartz, with moderately abundant carbonaceous opaque concentrated in patches and seams. It shows tight, microscopic folds. Replacement patches consist of quartz and pyrite and of tourmaline. Pyrite is almost entirely leached from the rock.

| | |
|---------------------|--------|
| sericite | 20-25% |
| quartz | 20-25 |
| carbonaceous opaque | 5- 7 |
| Ti-oxide | 0.1 |
| replacement patches | |
| quartz | 15-17 |
| pyrite | 8-10 |
| tourmaline | 17-20 |
| veinlets | |
| quartz-(pyrite) | 0.2 |

The rock is variable in composition, with some zones dominated by sericite and others by quartz, mainly of very fine to extremely fine grain size. Carbonaceous opaque occurs in irregular patches with sericite, with the ratio of the two minerals varying widely. Parts of the sample are well foliated, with foliation defined by wispy seams of sericite-opaque in quartz. The foliation commonly is tightly contorted; this is preserved in patches up to 1 mm across between zones of strongly replaced rock in which foliation was destroyed. Ti-oxide forms disseminated grains averaging 0.01-0.03 mm in size.

Replacement patches have sharp to diffuse borders. Quartz forms extremely fine to very fine grained patches, commonly associated with subhedral to euhedral pyrite grains up to 1 mm in size. In a few patches, quartz forms subparallel aggregates oriented perpendicular to pyrite crystal faces. Quartz commonly shows moderately to strongly strained extinction, and some patches have been recrystallized to extremely fine grained aggregates. Pyrite is leached completely, except for a few grains averaging 0.01-0.02 mm in size and one grain 0.05 mm across which were preserved in larger grains of quartz.

Tourmaline forms anhedral patches of extremely fine, feathery grains, which partly to completely replace sericite-rich patches in the rock. Many patches of tourmaline contain moderately abundant, disseminated carbonaceous opaque. Along borders of some patches, coarser, subhedral to euhedral prismatic tourmaline grains are intergrown with quartz. These tourmaline grains average 0.02-0.04 mm in length, and a few are up to 0.15 mm long. Tourmaline is very pale green in color, and pleochroism is weak.

Limonite-hematite forms a few equant patches up to 0.3 mm across of cryptocrystalline grains.

The rock contains a few quartz-pyrite veinlets up to 0.15 mm in width, and a few quartz veinlets in tiny tension fractures 0.01-0.02 mm wide. Quartz in these is undeformed and ranges up to 0.1 mm in grain size.

87 Pl2 123 Fragments of Cataclastically Deformed Quartzite
replaced by Tourmaline, enclosed in groundmass
of Scorodite-Mansfieldite.

The rock contains minor relic patches of cataclastically deformed quartzite which were moderately to strongly replaced by tourmaline; these are enclosed in a dense groundmass of cryptocrystalline to extremely fine grained scorodite-mansfieldite.

| | |
|------------------------|-------|
| quartz | 5- 7% |
| tourmaline | 2- 3 |
| Ti-oxide | trace |
| scorodite-mansfieldite | 88-90 |
| quartz 2 | minor |

Patches up to 1 mm across consist of very fine to fine grained quartz, which was moderately to strongly cataclastically deformed and recrystallized to extremely fine grained aggregates of slightly to moderately variable orientation. Dusty opaque inclusions are common.

These patches of quartz were replaced moderately to locally strongly by extremely fine to very fine grained tourmaline. The latter locally forms prismatic grains up to 0.05 mm in length. Color is pale green.

Ti-oxide occurs as disseminated grains from 0.003-0.02 mm in average size.

These fragments are enclosed in a cryptocrystalline to extremely fine grained groundmass (up to 0.015 mm) of pale to light brown (in thin section) - pale to light blue (in hand sample) scorodite-mansfieldite ($\text{FeAsO}_4 \cdot n\text{H}_2\text{O}$ - $\text{AlAsO}_4 \cdot n\text{H}_2\text{O}$). This mineral was identified by X-ray diffraction analysis. The peaks have the form of those of scorodite, but are offset slightly, indicating some solid solution towards the Al-bearing member, or perhaps to another member of this complex solid solution series. Finer grained patches in the groundmass generally are semiopaque and medium greyish brown in color. Coarser grained patches commonly have slightly feathery textures of extremely fine grains in subparallel orientation.

Quartz forms a few patches of grains associated with scorodite. Grain size of quartz is 0.05-0.3 mm, and grains are unstrained and free of dusty opaque inclusions.

The rock is a strongly altered very fine to fine grained andesite dominated by sericite with lesser calcite, quartz, and chlorite. It is cut by veins dominated by calcite with lesser quartz and minor hematite and sericite, and by later veinlets of limonite and of calcite.

| | | |
|----------------------------|--------|------|
| phenocrysts | | |
| hornblende | minor | |
| groundmass | | |
| sericite | 55-60% | |
| calcite | 12-15 | |
| quartz | 8-10 | |
| chlorite | 8-10 | |
| pyrite | 0.1 | |
| hematite | 0.2 | |
| apatite | trace | |
| veins | | |
| 1) calcite-quartz-hematite | | 8-10 |
| 2) limonite; calcite | | 0.2 |

The rock contains a few patches up to 1 mm in size consisting of aggregates of extremely fine grained chlorite with patches of extremely fine grained calcite. These may be secondary after hornblende phenocrysts.

The groundmass contains patches of sericite pseudomorphic after lathy to prismatic plagioclase grains from 0.2-0.5 mm in length. Other patches of sericite are anhedral in outline. Sericite is extremely fine grained.

Intergrown with sericite are very fine grained, diffuse patches of calcite, with grain size averaging 0.02-0.05 mm.

Quartz forms single grains and clusters of a few grains from 0.03-0.15 mm in size. Extinction commonly is slightly to moderately strained.

Chlorite forms irregular, interstitial patches averaging 0.2-0.5 mm in size. These contain abundant inclusions of secondary Ti-oxide. They are secondary after hornblende or biotite.

Pyrite forms disseminated, mainly anhedral grains up to 0.15 mm across. These locally are concentrated in clusters of a few grains. A few are altered moderately along fractures to hematite. Other patches averaging 0.02-0.03 mm in size consist of non-reflective opaque, possibly hematite after pyrite.

Apatite forms scattered clusters and single grains of acicular habit up to 0.15 mm in length.

The rock is cut by veins up to 3 mm wide of fine to locally medium grained calcite and lesser quartz. Calcite commonly is altered along fractures and on grain borders to hematite. Quartz is moderately strained and contains dusty opaque inclusions. Sericite forms a very few radiating patches up to 0.1 mm across. One vein contains a vuggy patch up to 0.6 mm across; this has a serrated outline marked by limonite surrounding a core of unoriented, very fine grained, equant calcite grains, which in turn contains a core of extremely fine grained, prismatic carbonate, possibly aragonite.

The rock is cut by late veinlets up to 0.15 mm wide of dense limonite. Associated with these are stringers up to 0.07 mm wide of calcite, with grain size averaging 1-3 microns. The calcite stringers are later than the limonite veinlets, and locally crosscut them.

APPENDIX IV
ANALYTICAL RESULTS



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Project : HGINV

Comments :

Page N 1
Tot. 1
Date 04-JUL-87
Invoice # : I-8716686
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8716686

| SAMPLE DESCRIPTION | PREP CODE | Au FA oz/T | | | | | | | | | | |
|--------------------|-----------|------------|--|--|--|--|--|--|--|--|--|--|
| R 801 | 207 --- | 0.004 | | | | | | | | | | |
| R 802 | 207 --- | 0.005 | | | | | | | | | | |
| R 803 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 804 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 805 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 806 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 807 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 808 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 809 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 810 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 811 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 812 | 207 --- | >> 0.001 | | | | | | | | | | |
| R 815 | 207 --- | 0.003 | | | | | | | | | | |
| R 816 | 207 --- | 0.008 | | | | | | | | | | |
| R 817 | 207 --- | 0.006 | | | | | | | | | | |

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CERTIFICATION : *W. Stephenson*



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Project : HONV

Comments :

Page No. 1

Tot. Pages 1

Date : 04-JUL-87

Invoice # : I-8716686

P.O. # : NONE

CERTIFICATE OF ANALYSIS A8716686

| SAMPLE DESCRIPTION | PREP CODE | Au FA oz/T | | | | | | | | | |
|--------------------|-----------|------------|---|--|--|--|--|--|--|--|--|
| R 801 | 207 --- | 0.004 | | | | | | | | | |
| R 802 | 207 --- | 0.005 | | | | | | | | | |
| R 803 | 207 --- | 0.001 | < | | | | | | | | |
| R 804 | 207 --- | 0.001 | < | | | | | | | | |
| R 805 | 207 --- | 0.001 | < | | | | | | | | |
| R 806 | 207 --- | 0.001 | < | | | | | | | | |
| R 807 | 207 --- | 0.001 | < | | | | | | | | |
| R 808 | 207 --- | 0.001 | < | | | | | | | | |
| R 809 | 207 --- | 0.001 | < | | | | | | | | |
| R 810 | 207 --- | 0.001 | < | | | | | | | | |
| R 811 | 207 --- | 0.001 | < | | | | | | | | |
| R 812 | 207 --- | 0.001 | < | | | | | | | | |
| R 815 | 207 --- | 0.003 | | | | | | | | | |
| R 816 | 207 --- | 0.008 | | | | | | | | | |
| R 817 | 207 --- | 0.006 | | | | | | | | | |
| | | | ✓ | | | | | | | | |



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Project: HGJV

Comments:

UAC 10.

Page No:

Tot. Pages: 1

Date: 8-JUL-87

Invoice #: I-8717059

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8717059

| SAMPLE DESCRIPTION | PREP CODE | | Au | | | | | | | | |
|--------------------|-----------|----|---------|--|--|--|--|--|--|--|--|
| | | | oz/T | | | | | | | | |
| R865 | 207 | -- | 0.002 | | | | | | | | |
| R866 | 207 | -- | 0.003 | | | | | | | | |
| R867 | 207 | -- | 0.011 | | | | | | | | |
| R868 | 207 | -- | 0.004 | | | | | | | | |
| R869 | 207 | -- | 0.021 | | | | | | | | |
| R870 | 207 | -- | 0.013 | | | | | | | | |
| R871 | 207 | -- | 0.001 | | | | | | | | |
| R872 | 207 | -- | 0.005 | | | | | | | | |
| R873 | 207 | -- | 0.002 | | | | | | | | |
| R874 | 207 | -- | 0.004 | | | | | | | | |
| R875 | 207 | -- | < 0.001 | | | | | | | | |
| R876 | 207 | -- | 0.001 | | | | | | | | |
| R877 | 207 | -- | 0.007 | | | | | | | | |
| R878 | 207 | -- | 0.001 | | | | | | | | |
| R879 | 207 | -- | 0.001 | | | | | | | | |
| R880 | 207 | -- | 0.003 | | | | | | | | |
| R881 | 207 | -- | 0.004 | | | | | | | | |
| R882 | 207 | -- | 0.006 | | | | | | | | |
| R883 | 207 | -- | 0.003 | | | | | | | | |
| R884 | 207 | -- | 0.002 | | | | | | | | |
| R885 | 207 | -- | 0.005 | | | | | | | | |
| R886 | 207 | -- | 0.020 | | | | | | | | |
| R887 | 207 | -- | 0.019 | | | | | | | | |
| R888 | 207 | -- | 0.015 | | | | | | | | |
| R889 | 207 | -- | 0.001 | | | | | | | | |
| R890 | 207 | -- | 0.001 | | | | | | | | |
| R891 | 207 | -- | 0.001 | | | | | | | | |



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 PHONE (604) 984-0221

TO: TACHER CATHRO & ASSOC. (1981) LTD.
 BOX 4127
 3125 THIRD AVE.
 WHITEHORSE, YT
 Y1A 3S9
 Project: H01JV
 Comments:

Page No. -A
 Tot. Pages: 1
 Date: 08-JUL-87
 Invoice #: I-8717065
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8717065

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb | Al | Ag | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn |
|--------------------|-----------|-----|--------|--------|------|--------|------|-------|------|--------|-------|-----|-----|------|--------|------|-----|--------|------|--------|--------|
| | | | RUSH | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % |
| R 2880 | 255 | 238 | 920 | 0.17 | 0.4 | 2320 | 50 | < 0.5 | 176 | 0.02 | < 0.5 | < 1 | 119 | 17 | 0.48 | < 10 | < 1 | 0.10 | 50 | 0.01 | 33 |
| R 2881 | 255 | 238 | 120 | 0.03 | 0.4 | 880 | < 10 | < 0.5 | 6 | 0.01 | < 0.5 | < 1 | 199 | 2 | 3.41 | < 10 | < 1 | < 0.01 | 10 | 0.01 | 38 |
| R 2882 | 255 | 238 | 540 | 0.09 | 3.4 | 590 | 280 | < 0.5 | 736 | 0.03 | < 0.5 | 8 | 112 | 31 | 3.72 | < 10 | < 1 | 0.46 | 20 | 0.01 | 119 |
| R 2883 | 255 | 238 | 660 | 0.32 | 0.6 | 950 | 150 | < 0.5 | 60 | 0.02 | < 0.5 | 4 | 64 | 29 | 4.19 | < 10 | < 1 | 0.20 | 40 | 0.02 | 49 |
| R 2884 | 255 | 238 | 670 | 0.05 | 0.2 | >10000 | < 10 | < 0.5 | 140 | < 0.01 | < 0.5 | 15 | 158 | 29 | 5.47 | < 10 | < 1 | 0.01 | 20 | < 0.01 | 56 |
| R 2885 | 255 | 238 | 105 | 0.11 | 0.2 | 4020 | 70 | < 0.5 | 2 | 0.02 | < 0.5 | 32 | < 1 | 174 | >15.00 | < 10 | < 1 | 0.04 | < 10 | 0.02 | 210 |
| R 2886 | 255 | 238 | 2000 | 0.05 | 0.2 | >10000 | 10 | < 0.5 | 504 | 0.04 | < 0.5 | 13 | 91 | 14 | 8.07 | < 10 | < 1 | 0.03 | 10 | < 0.01 | 43 |
| R 2887 | 255 | 238 | 90 | 0.12 | 0.2 | 815 | 10 | < 0.5 | < 2 | 0.06 | < 0.5 | 48 | < 1 | 107 | >15.00 | < 10 | < 1 | 0.06 | < 10 | 0.10 | 7720 |
| R 2888 | 255 | 238 | 95 | 0.06 | 0.2 | 170 | 10 | < 0.5 | 2 | 0.01 | < 0.5 | < 1 | 195 | 10 | 1.62 | < 10 | < 1 | 0.02 | < 10 | < 0.01 | 179 |
| R 2889 | 255 | 238 | 75 | 0.03 | 0.2 | 1445 | < 10 | < 0.5 | < 2 | 0.09 | < 0.5 | 51 | < 1 | 4 | >15.00 | < 10 | < 1 | 0.03 | < 10 | 0.37 | >10000 |
| ✓ R 2890 | 255 | 238 | 960 | 0.18 | 0.2 | >10000 | 30 | < 0.5 | 170 | 0.04 | < 0.5 | 27 | 125 | 179 | 5.75 | < 10 | 1 | 0.12 | 20 | 0.01 | 264 |
| ✓ R 2891 | 255 | 238 | 35 | 0.05 | 0.2 | 1455 | < 10 | < 0.5 | 4 | 0.03 | < 0.5 | < 1 | 205 | 46 | 4.20 | < 10 | < 1 | 0.01 | 20 | 0.01 | 114 |
| ✓ R 2892 | 255 | 238 | 600 | 0.14 | 0.2 | >10000 | 10 | < 0.5 | 56 | < 0.01 | < 0.5 | 11 | 156 | 30 | 6.37 | < 10 | < 1 | 0.05 | 10 | < 0.01 | 66 |
| ✓ R 2893 | 255 | 238 | 180 | 0.26 | 0.2 | 4230 | 40 | < 0.5 | 14 | 0.02 | < 0.5 | 32 | < 1 | 75 | >15.00 | < 10 | < 1 | 0.20 | < 10 | 0.02 | 312 |
| ✓ R 2894 | 255 | 238 | 425 | 0.07 | 0.2 | >10000 | 20 | < 0.5 | 144 | 0.02 | < 0.5 | 6 | 220 | 12 | 3.21 | < 10 | < 1 | 0.04 | 10 | < 0.01 | 308 |
| ✓ R 2895 | 255 | 238 | 130 | 0.08 | 0.2 | >10000 | 10 | < 0.5 | 24 | 0.05 | < 0.5 | 10 | 187 | 21 | 5.58 | < 10 | < 1 | 0.04 | 10 | 0.01 | 41 |
| ✓ R 2896 | 255 | 238 | 1180 | 0.25 | 6.0 | 780 | 200 | < 0.5 | 446 | 0.02 | < 0.5 | < 1 | 73 | 51 | 2.64 | < 10 | < 1 | 0.34 | 30 | 0.01 | 135 |
| ✓ R 2897 | 255 | 238 | 1650 | 0.08 | 3.0 | >10000 | 30 | < 0.5 | 136 | 0.01 | < 0.5 | 9 | 114 | 121 | 4.12 | < 10 | < 1 | 0.04 | 50 | 0.01 | 29 |
| ✓ R 2898 | 255 | 238 | 100 | 0.14 | 0.4 | 820 | 50 | < 0.5 | 12 | < 0.01 | < 0.5 | < 1 | 174 | 10 | 1.21 | < 10 | 1 | 0.14 | 10 | < 0.01 | 35 |
| ✓ R 2899 | 255 | 238 | 125 | 0.04 | 25.8 | 1335 | 10 | < 0.5 | 118 | < 0.01 | < 0.5 | < 1 | 236 | 16 | 2.13 | < 10 | < 1 | < 0.01 | 10 | < 0.01 | 30 |
| ✓ R 2900 | 255 | 238 | 4850 | < 0.01 | 3.2 | >10000 | 90 | < 0.5 | 114 | 0.01 | < 0.5 | 16 | 31 | 17 | 13.25 | < 10 | < 1 | 0.02 | < 10 | 0.01 | 13 |
| ✓ R 2901 | 255 | 238 | 1400 | 0.26 | 72.0 | 2930 | 20 | < 0.5 | 1605 | 0.64 | 6.0 | 11 | 54 | 5730 | 3.69 | < 10 | < 1 | 0.18 | 10 | 0.24 | 2560 |
| ✓ R 2902 | 255 | 238 | 1400 | 0.08 | 5.0 | 5140 | 20 | < 0.5 | 60 | 0.06 | < 0.5 | 16 | 95 | 359 | 13.60 | < 10 | < 1 | 0.02 | 10 | 0.03 | 218 |
| ✓ R 2903 | 255 | 238 | 300 | 0.03 | 0.8 | 1260 | 20 | < 0.5 | 36 | 0.01 | < 0.5 | < 1 | 248 | 64 | 0.92 | < 10 | < 1 | < 0.01 | < 10 | < 0.01 | 127 |
| ✓ R 2904 | 255 | 238 | 100 | 0.06 | 0.2 | 515 | 10 | < 0.5 | < 2 | 0.04 | < 0.5 | 48 | < 1 | 21 | >15.00 | < 10 | < 1 | 0.05 | < 10 | 0.03 | >10000 |

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Project : HGJV

Comments :

Page No. : -B
Tot. Pages : 1
Date : 08-JUL-87
Invoice # : I-8717065
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8717065

| SAMPLE DESCRIPTION | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Se | Sr | Ti | Tl | U | V | W | Zn |
|--------------------|-----------|-----|-----|--------|-----|-----|--------|--------|------|-----|--------|------|------|-----|-----|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| R 2880 | 255 | 238 | < 1 | < 0.01 | 2 | 100 | 16 | < 5 | 10 | 10 | < 0.01 | < 10 | < 10 | 4 | < 5 | 2 |
| R 2881 | 255 | 238 | < 1 | < 0.01 | 8 | 30 | 4 | < 5 | < 10 | 1 | < 0.01 | < 10 | < 10 | 2 | < 5 | 1 |
| R 2882 | 255 | 238 | < 1 | 0.03 | 6 | 260 | 296 | 10 | 10 | 143 | < 0.01 | < 10 | < 10 | 4 | < 5 | 8 |
| R 2883 | 255 | 238 | < 1 | 0.01 | 4 | 220 | 20 | 15 | < 10 | 17 | < 0.01 | < 10 | < 10 | 12 | < 5 | 5 |
| R 2884 | 255 | 238 | < 1 | < 0.01 | 9 | 60 | < 2 | 20 | 20 | 1 | < 0.01 | < 10 | < 10 | 2 | < 5 | 1 |
| R 2885 | 255 | 238 | < 1 | < 0.01 | < 1 | 310 | < 2 | 10 | < 10 | 2 | < 0.01 | < 10 | < 10 | 10 | < 5 | 12 |
| R 2886 | 255 | 238 | < 1 | < 0.01 | 1 | 50 | 4 | 50 | 20 | 10 | < 0.01 | < 10 | < 10 | 1 | < 5 | < 1 |
| R 2887 | 255 | 238 | < 1 | < 0.01 | 15 | 310 | < 2 | 15 | < 10 | 6 | < 0.01 | < 10 | < 10 | 4 | < 5 | 12 |
| R 2888 | 255 | 238 | < 1 | < 0.01 | 4 | 40 | 16 | < 5 | < 10 | 19 | < 0.01 | < 10 | < 10 | 1 | < 5 | 2 |
| R 2889 | 255 | 238 | < 1 | < 0.01 | 9 | 200 | < 2 | 20 | < 10 | 8 | < 0.01 | < 10 | < 10 | 3 | < 5 | 7 |
| R 2890 | 255 | 238 | < 1 | < 0.01 | 8 | 140 | 18 | 10 | 20 | 16 | < 0.01 | < 10 | < 10 | 3 | < 5 | 5 |
| R 2891 | 255 | 238 | < 1 | < 0.01 | 4 | 50 | 2 | 20 | < 10 | 4 | < 0.01 | < 10 | < 10 | 1 | < 5 | 3 |
| R 2892 | 255 | 238 | < 1 | < 0.01 | 4 | 70 | < 2 | 15 | 10 | 1 | < 0.01 | < 10 | < 10 | 3 | < 5 | < 1 |
| R 2893 | 255 | 238 | < 1 | < 0.01 | < 1 | 340 | < 2 | 15 | < 10 | 5 | < 0.01 | < 10 | < 10 | 7 | < 5 | < 1 |
| R 2894 | 255 | 238 | < 1 | < 0.01 | 4 | 60 | 6 | 5 | < 10 | 6 | < 0.01 | < 10 | < 10 | 2 | < 5 | < 1 |
| R 2895 | 255 | 238 | < 1 | < 0.01 | 5 | 50 | 2 | < 5 | 10 | 2 | < 0.01 | < 10 | < 10 | 2 | < 5 | < 1 |
| R 2896 | 255 | 238 | < 1 | < 0.01 | 3 | 190 | 222 | 25 | 10 | 200 | < 0.01 | < 10 | < 10 | 4 | < 5 | 6 |
| R 2897 | 255 | 238 | < 1 | < 0.01 | 1 | 150 | 22 | 20 | 20 | 19 | < 0.01 | < 10 | < 10 | 2 | < 5 | 1 |
| R 2898 | 255 | 238 | < 1 | < 0.01 | 3 | 60 | 20 | < 5 | < 10 | 79 | < 0.01 | < 10 | < 10 | 1 | < 5 | 2 |
| R 2899 | 255 | 238 | < 1 | < 0.01 | 4 | 70 | 118 | 265 | < 10 | 9 | < 0.01 | < 10 | < 10 | 2 | < 5 | 3 |
| R 2900 | 255 | 238 | < 1 | < 0.01 | < 1 | 60 | 18 | 285 | 20 | 71 | < 0.01 | < 10 | < 10 | 2 | < 5 | 1 |
| R 2901 | 255 | 238 | < 1 | < 0.01 | 9 | 570 | >10000 | >10000 | 60 | 41 | < 0.01 | < 10 | < 10 | 3 | < 5 | 624 |
| R 2902 | 255 | 238 | < 1 | < 0.01 | 2 | 300 | 4340 | 1440 | < 10 | 7 | < 0.01 | < 10 | < 10 | 3 | < 5 | 51 |
| R 2903 | 255 | 238 | < 1 | < 0.01 | 3 | 100 | 1270 | 230 | < 10 | 49 | < 0.01 | < 10 | < 10 | 1 | < 5 | 7 |
| R 2904 | 255 | 238 | < 1 | < 0.01 | 11 | 300 | 114 | 60 | < 10 | 8 | < 0.01 | < 10 | < 10 | 3 | < 5 | 11 |

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Comments:

Page No
Tot. Pa.
Date : 10-JUL-87
Invoice # : I-8717129
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8717129

| SAMPLE DESCRIPTION | PREP CODE | | Au FA oz/T | | | | | | | | | |
|--------------------|-----------|-----|------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | |
| R856 | 207 | --- | 0.005 | | | | | | | | | |
| R857 | 207 | --- | 0.005 | | | | | | | | | |
| R858 | 207 | --- | 0.006 | | | | | | | | | |
| R859 | 207 | --- | 0.009 | | | | | | | | | |
| R860 | 207 | --- | 0.009 | | | | | | | | | |
| R861 | 207 | --- | 0.008 | | | | | | | | | |
| R862 | 207 | --- | 0.021 | | | | | | | | | |
| R863 | 207 | --- | 0.005 | | | | | | | | | |
| R864 | 207 | --- | 0.010 | | | | | | | | | |

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 Y1A 3S9
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Page No
 Tot. Pa. :
 Date : 10-JUL-87
 Invoice # : I-8717129
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8717129

| SAMPLE DESCRIPTION | PREP CODE | Au FA oz/T | | | | | | | | | |
|--------------------|-----------|------------|---------|--|--|--|--|--|--|--|--|
| R813 | 207 | --- | 0.003 | | | | | | | | |
| R814 | 207 | --- | 0.001 | | | | | | | | |
| R818 | 207 | --- | 0.004 | | | | | | | | |
| R819 | 207 | --- | 0.008 | | | | | | | | |
| R820 | 207 | --- | 0.011 | | | | | | | | |
| R821 | 207 | --- | 0.005 | | | | | | | | |
| R822 | 207 | --- | 0.004 | | | | | | | | |
| R823 | 207 | --- | 0.005 | | | | | | | | |
| R824 | 207 | --- | 0.002 | | | | | | | | |
| R825 | 207 | --- | 0.001 | | | | | | | | |
| R826 | 207 | --- | 0.002 | | | | | | | | |
| R827 | 207 | --- | 0.002 | | | | | | | | |
| R828 | 207 | --- | 0.003 | | | | | | | | |
| R829 | 207 | --- | 0.007 | | | | | | | | |
| R830 | 207 | --- | 0.009 | | | | | | | | |
| R831 | 207 | --- | < 0.001 | | | | | | | | |
| R832 | 207 | --- | 0.001 | | | | | | | | |
| R833 | 207 | --- | 0.002 | | | | | | | | |
| R834 | 207 | --- | 0.004 | | | | | | | | |
| R835 | 207 | --- | 0.004 | | | | | | | | |
| R836 | 207 | --- | 0.005 | | | | | | | | |
| R837 | 207 | --- | 0.006 | | | | | | | | |
| R838 | 207 | --- | 0.002 | | | | | | | | |
| R839 | 207 | --- | 0.002 | | | | | | | | |
| R840 | 207 | --- | 0.003 | | | | | | | | |
| R841 | 207 | --- | 0.001 | | | | | | | | |
| R842 | 207 | --- | 0.001 | | | | | | | | |
| R843 | 207 | --- | 0.005 | | | | | | | | |
| R844 | 207 | --- | 0.003 | | | | | | | | |
| R845 | 207 | --- | 0.003 | | | | | | | | |
| R846 | 207 | --- | 0.002 | | | | | | | | |
| R847 | 207 | --- | 0.002 | | | | | | | | |
| R848 | 207 | --- | 0.003 | | | | | | | | |
| R849 | 207 | --- | 0.003 | | | | | | | | |
| R850 | 207 | --- | 0.001 | | | | | | | | |
| R851 | 207 | --- | 0.005 | | | | | | | | |
| R852 | 207 | --- | 0.005 | | | | | | | | |
| R853 | 207 | --- | 0.003 | | | | | | | | |
| R854 | 207 | --- | 0.003 | | | | | | | | |
| R855 | 207 | --- | 0.004 | | | | | | | | |

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PHONE (604) 984-0221

To: HER CATHRO & ASSOC. (1981) LTD.

X 4127
3125 THIRD AVE.
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Y1A 3S9

Project: HQJV

Comments:

Page No

Tot. Pages

Date: 18-JUL-87

Invoice #: 1-8717751

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8717751

| SAMPLE DESCRIPTION | PREP CODE | Au oz/T | | | | | | | | | | |
|--------------------|-----------|---------|---|-------|--|--|--|--|--|--|--|--|
| R 892 | 207 | --- | < | 0.001 | | | | | | | | |
| R 893 | 207 | --- | < | 0.001 | | | | | | | | |
| R 894 | 207 | --- | | 0.001 | | | | | | | | |
| R 895 | 207 | --- | | 0.027 | | | | | | | | |
| R 896 | 207 | --- | | 0.003 | | | | | | | | |
| R 897 | 207 | --- | | 0.003 | | | | | | | | |
| R 898 | 207 | --- | | 0.002 | | | | | | | | |
| R 899 | 207 | --- | | 0.003 | | | | | | | | |
| R 900 | 207 | --- | | 0.001 | | | | | | | | |
| R 901 | 207 | --- | | 0.002 | | | | | | | | |
| R 902 | 207 | --- | < | 0.001 | | | | | | | | |
| R 903 | 207 | --- | < | 0.001 | | | | | | | | |
| R 904 | 207 | --- | < | 0.001 | | | | | | | | |
| R 905 | 207 | --- | | 0.009 | | | | | | | | |
| R 906 | 207 | --- | | 0.005 | | | | | | | | |
| R 907 | 207 | --- | < | 0.001 | | | | | | | | |
| R 908 | 207 | --- | < | 0.001 | | | | | | | | |
| R 909 | 207 | --- | | 0.003 | | | | | | | | |
| R 910 | 207 | --- | | 0.002 | | | | | | | | |
| R 911 | 207 | --- | | 0.001 | | | | | | | | |
| R 912 | 207 | --- | | 0.006 | | | | | | | | |
| R 913 | 207 | --- | | 0.013 | | | | | | | | |
| R 914 | 207 | --- | | 0.022 | | | | | | | | |
| R 915 | 207 | --- | | 0.008 | | | | | | | | |
| R 916 | 207 | --- | | 0.004 | | | | | | | | |
| R 917 | 207 | --- | | 0.006 | | | | | | | | |
| R 918 | 207 | --- | | 0.001 | | | | | | | | |
| R 919 | 207 | --- | < | 0.001 | | | | | | | | |
| R 920 | 207 | --- | < | 0.001 | | | | | | | | |
| R 921 | 207 | --- | | 0.002 | | | | | | | | |
| R 922 | 207 | --- | | 0.004 | | | | | | | | |
| R 923 | 207 | --- | | 0.014 | | | | | | | | |
| R 924 | 207 | --- | | 0.005 | | | | | | | | |
| R 925 | 207 | --- | | 0.006 | | | | | | | | |
| R 926 | 207 | --- | | 0.017 | | | | | | | | |
| R 927 | 207 | --- | | 0.009 | | | | | | | | |
| R 928 | 207 | --- | | 0.016 | | | | | | | | |
| R 929 | 207 | --- | | 0.065 | | | | | | | | |
| R 930 | 207 | --- | | 0.022 | | | | | | | | |
| R 931 | 207 | --- | | 0.040 | | | | | | | | |

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Y1A 3S9

Project : HGJV

Comments :

Page No.

Tot. Pag

Date : 18-JUL-87

Invoice # : I-8717751

P.O. # : NONE

CERTIFICATE OF ANALYSIS A8717751

| SAMPLE DESCRIPTION | PREP CODE | | Au oz/T | | | | | | | | | |
|--------------------|-----------|-----|---------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | |
| R 932 | 207 | --- | 0.027 | | | | | | | | | |
| R 933 | 207 | --- | 0.021 | | | | | | | | | |
| R 934 | 207 | --- | 0.022 | | | | | | | | | |
| R 2905 | 207 | --- | 0.002 | | | | | | | | | |
| R 2906 | 207 | --- | 0.003 | | | | | | | | | |
| R 2907 | 207 | --- | 0.016 | | | | | | | | | |

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Project: HGJV

Comments:

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Tot. Pages: 1

Date: 23-JUL-87

Invoice #: I-8717983

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8717983

| SAMPLE DESCRIPTION | PREP CODE | Au oz/T | | | | | | | | | | |
|--------------------|-----------|---------|---|-------|--|--|--|--|--|--|--|--|
| R 935 | 207 | --- | < | 0.001 | | | | | | | | |
| R 936 | 207 | --- | < | 0.001 | | | | | | | | |
| R 937 | 207 | --- | < | 0.001 | | | | | | | | |
| R 938 | 207 | --- | < | 0.001 | | | | | | | | |
| R 939 | 207 | --- | < | 0.001 | | | | | | | | |
| R 940 | 207 | --- | < | 0.001 | | | | | | | | |
| R 941 | 207 | --- | < | 0.001 | | | | | | | | |
| R 942 | 207 | --- | < | 0.002 | | | | | | | | |
| R 943 | 207 | --- | < | 0.001 | | | | | | | | |
| R 944 | 207 | --- | < | 0.001 | | | | | | | | |
| R 945 | 207 | --- | < | 0.001 | | | | | | | | |
| R 946 | 207 | --- | < | 0.001 | | | | | | | | |
| R 947 | 207 | --- | < | 0.002 | | | | | | | | |
| R 948 | 207 | --- | < | 0.001 | | | | | | | | |
| R 949 | 207 | --- | < | 0.001 | | | | | | | | |
| R 950 | 207 | --- | | 0.001 | | | | | | | | |
| R 951 | 207 | --- | | 0.001 | | | | | | | | |
| R 952 | 207 | --- | | 0.002 | | | | | | | | |
| R 953 | 207 | --- | | 0.014 | | | | | | | | |
| R 954 | 207 | --- | | 0.007 | | | | | | | | |
| R 955 | 207 | --- | | 0.002 | | | | | | | | |
| R 2908 | 207 | --- | | 0.063 | | | | | | | | |
| R 2909 | 207 | --- | < | 0.001 | | | | | | | | |
| R 2910 | 207 | --- | < | 0.001 | | | | | | | | |
| R 2912 | 207 | --- | < | 0.001 | | | | | | | | |

R. J. Swartz



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| SAMPLE DESCRIPTION | PREP CODE | -- | Au oz/T RUSH FA | | | | | | | | | |
|--------------------|-----------|----|--------------------|--|--|--|--|--|--|--|--|--|
| R 2911 | 236 | -- | 0.010 ✓ | | | | | | | | | |



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CERTIFICATE OF ANALYSIS A8718594

| SAMPLE DESCRIPTION | PREP CODE | Au oz/T | | | | | | | | | | |
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| R 956 | 207 --- | 0.010 | | | | | | | | | | |
| R 957 | 207 --- | 0.001 | | | | | | | | | | |
| R 958 | 207 --- | 0.001 | | | | | | | | | | |
| R 959 | 207 --- | < 0.001 | | | | | | | | | | |
| R 960 | 207 --- | 0.001 | | | | | | | | | | |
| R 961 | 207 --- | 0.007 | | | | | | | | | | |
| R 962 | 207 --- | 0.069 | | | | | | | | | | |
| R 963 | 207 --- | 0.002 | | | | | | | | | | |
| R 964 | 207 --- | 0.001 | | | | | | | | | | |
| R 965 | 207 --- | 0.004 | | | | | | | | | | |
| R 966 | 207 --- | < 0.001 | | | | | | | | | | |
| R 967 | 207 --- | 0.001 | | | | | | | | | | |
| R 968 | 207 --- | 0.001 | | | | | | | | | | |
| R 969 | 207 --- | 0.001 | | | | | | | | | | |
| R 970 | 207 --- | 0.004 | | | | | | | | | | |
| R 971 | 207 --- | 0.001 | | | | | | | | | | |
| R 972 | 207 --- | 0.001 | | | | | | | | | | |
| R 2915 | 207 --- | < 0.001 | | | | | | | | | | |
| R 2916 | 207 --- | 0.003 | | | | | | | | | | |
| R 8451 | 207 --- | 0.004 | | | | | | | | | | |
| R 8452 | 207 --- | 0.009 | | | | | | | | | | |
| R 8453 | 207 --- | 0.008 | | | | | | | | | | |
| R 8454 | 207 --- | 0.006 | | | | | | | | | | |
| R 8455 | 207 --- | 0.007 | | | | | | | | | | |
| R 8456 | 207 --- | 0.002 | | | | | | | | | | |
| R 8457 | 207 --- | 0.006 | | | | | | | | | | |
| R 8458 | 207 --- | 0.001 | | | | | | | | | | |
| R 8460 | 207 --- | 0.003 | | | | | | | | | | |

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| TR87P6 R974 | 207 --- | 0.03 | | | | | | | | | |
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| TR87P6 R982 | 207 --- | 0.58 | | | | | | | | | |
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| TR87P6 R9360 | 207 --- | >> 0.03 | | | | | | | | | |
| TR87P6 R9361 | 207 --- | >> 0.03 | | | | | | | | | |

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| R 8465 | 207 --- | 0.58 | | | | | | | | | | |
| R 8466 | 207 --- | 0.17 | | | | | | | | | | |
| R 8467 | 207 --- | 0.03 | | | | | | | | | | |
| R 8468 | 207 --- | 0.27 | | | | | | | | | | |
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| R 8480 | 207 --- | 0.17 | | | | | | | | | | |
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| R 8493 | 207 --- | 0.31 | | | | | | | | | | |
| R 8494 | 207 --- | 0.10 | | | | | | | | | | |

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| TR87P6 R9353 | 236 --- | 1.17 | | | | | | | | | |
| TR87P6 R9354 | 236 --- | 0.27 | | | | | | | | | |

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| R 9402 | 207 | --- | 0.07 | | | | | | |
| R 9403 | 207 | --- | 0.17 | | | | | | |
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| R 9407 | 207 | --- | 0.07 | | | | | | |
| R 9408 | 207 | --- | 0.03 | | | | | | |
| R 9409 | 207 | --- | 0.03 | | | | | | |
| R 9410 | 207 | --- | 0.03 | | | | | | |
| R 9411 | 207 | --- | 0.38 | | | | | | |
| R 9412 | 207 | --- | 0.10 | | | | | | |
| R 9413 | 207 | --- | 0.21 | | | | | | |
| R 9414 | 207 | --- | 0.07 | | | | | | |
| R 9415 | 207 | --- | < 0.03 | | | | | | |
| R 9416 | 207 | --- | >> 0.03 | | | | | | |
| R 9417 | 207 | --- | >>> 0.03 | | | | | | |
| R 9418 | 207 | --- | >>>> 0.03 | | | | | | |
| R 9419 | 207 | --- | >>>>> 0.03 | | | | | | |
| R 9420 | 207 | --- | >>>>>> 0.03 | | | | | | |
| R 9421 | 207 | --- | < 0.07 | | | | | | |
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| R 9425 | 207 | --- | 0.48 | | | | | | |
| R 9426 | 207 | --- | 1.20 | | | | | | |
| R 9427 | 207 | --- | 2.98 | | | | | | |
| R 9428 | 207 | --- | 0.79 | | | | | | |
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| R 9430 | 207 | --- | 0.07 | | | | | | |
| R 9431 | 207 | --- | 0.07 | | | | | | |
| R 9432 | 207 | --- | 0.10 | | | | | | |

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| 9365 | 207 --- | 0.10 | | | | | | | | | | |
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| 9369 | 207 --- | 0.14 | | | | | | | | | | |
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| 9440 | 207 --- | 0.03 | | | | | | | | | | |
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| P 20958 | 203 | --- | 10 | | | | | | | | | |
| P 20959 | 203 | --- | 5 | | | | | | | | | |
| P 20960 | 203 | --- | 9 | | | | | | | | | |
| P 20961 | 203 | --- | 15 | | | | | | | | | |
| P 20962 | 203 | --- | 13 | | | | | | | | | |
| P 20963 | 203 | --- | 6 | | | | | | | | | |
| P 20964 | 203 | --- | 2 | | | | | | | | | |
| P 20965 | 203 | --- | 13 | | | | | | | | | |
| P 20966 | 203 | --- | 18 | | | | | | | | | |

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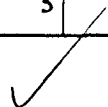
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| P 20906 | 203 | --- | 4 | | | | | | | | |
| P 20907 | 203 | --- | 18 | | | | | | | | |
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| P 20910 | 203 | --- | 6 | | | | | | | | |
| P 20911 | 203 | --- | 4 | | | | | | | | |
| P 20912 | 203 | --- | 52 | | | | | | | | |
| P 20913 | 203 | --- | 21 | | | | | | | | |
| P 20914 | 203 | --- | 11 | | | | | | | | |
| P 20915 | 203 | --- | 10 | | | | | | | | |
| P 20916 | 203 | --- | 23 | | | | | | | | |
| P 20917 | 203 | --- | 48 | | | | | | | | |
| P 20918 | 203 | --- | 6 | | | | | | | | |
| P 20919 | 203 | --- | 20 | | | | | | | | |
| P 20920 | 203 | --- | 5 | | | | | | | | |
| P 20921 | 203 | --- | 14 | | | | | | | | |
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| P 20924 | 203 | --- | 4 | | | | | | | | |
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| P 20926 | 203 | --- | 10 | | | | | | | | |
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| P 20931 | 203 | --- | < 1 | | | | | | | | |
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| P 20952 | 203 | --- | 13 | | | | | | | | |
| P 20953 | 203 | --- | 11 | | | | | | | | |
| P 20954 | 203 | --- | 9 | | | | | | | | |
| P 20955 | 203 | --- | 2 | | | | | | | | |
| P 20956 | 203 | --- | 45 | | | | | | | | |
| P 20957 | 203 | --- | 5 | | | | | | | | |



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| R 10932 | 203 | --- | 58 | | | | | | | | |
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| R 10936 | 203 | --- | 16 | | | | | | | | |
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| R 10938 | 203 | --- | 57 | | | | | | | | |
| R 10939 | 203 | --- | 55 | | | | | | | | |
| R 10940 | 203 | --- | 25 | | | | | | | | |
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| R 10951 | 203 | --- | 70 | | | | | | | | |
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| R 10953 | 203 | --- | 106 | | | | | | | | |
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| R 10963 | 203 | --- | 19 | | | | | | | | |
| R 10964 | 203 | --- | 21 | | | | | | | | |

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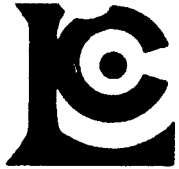
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| P 20693 | 207 | --- | | 0.14 | | | | | | | | |
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| P 20700 | 207 | --- | | 0.03 | | | | | | | | |
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| P 20722 | 207 | --- | | 0.10 | | | | | | | | |
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| P 20728 | 207 | --- | | 0.03 | | | | | | | | |
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| P 20731 | 207 | --- | | 0.07 | | | | | | | | |
| P 20732 | 207 | --- | | 0.03 | | | | | | | | |

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| P 20739 | 207 | --- | | 0.86 | | | | | | | |
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| P 20741 | 207 | --- | | 1.65 | P2 | 1.5m | | | | | |
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| P 20753 | 207 | --- | | 0.27 | | | | | | | |
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| P 20762 | 207 | --- | | 0.31 | | | | | | | |
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| P 20767 | 207 | --- | | 2.13 | P13 | 5.0 | | | | | |
| P 20768 | 207 | --- | | 3.98 | P13 | 5.0 | | | | | |
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| P 20771 | 207 | --- | | 0.58 | | | | | | | |
| P 20772 | 207 | --- | | 0.27 | | | | | | | |



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| P 20781 | 207 | --- | 0.10 | / | | | | | | | | |
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| P 20797 | 207 | --- | 0.41 | / | | | | | | | | |
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| P 20809 | 207 | --- | 0.69 | / | | | | | | | | |
| P 20810 | 207 | --- | 0.27 | / | | | | | | | | |
| P 20811 | 207 | --- | 0.38 | / | | | | | | | | |
| P 20812 | 207 | --- | 1.20 | / | P11 2.5 | | | | | | | |

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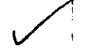
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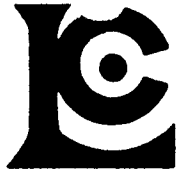
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| | | | | | | | | | | | | |
| P 20813 | 207 | -- | 1.82 | PH | 2.7 | | | | | | | |
| P 20814 | 207 | -- | 0.65 | PH | 2.4 | | | | | | | |
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| P 20816 | 207 | -- | 1.13 | PH | 2.1 | | | | | | | |
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| R 2928 | 207 | -- | 0.14 | | | | | | | | | |
| R 2929 | 207 | -- | 0.58 | | | | | | | | | |
| R 2930 | 207 | -- | 1.10 | | | | | | | | | |



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| P 20821 | 203 | --- | 7 | | | | | | | | | |
| P 20822 | 203 | --- | 15 | | | | | | | | | |
| P 20823 | 203 | --- | 13 | | | | | | | | | |
| P 20824 | 203 | --- | 14 | | | | | | | | | |
| P 20825 | 203 | --- | 35 | | | | | | | | | |
| P 20826 | 203 | --- | 11 | | | | | | | | | |
| P 20827 | 203 | --- | 7 | | | | | | | | | |
| P 20828 | 203 | --- | 18 | | | | | | | | | |
| P 20829 | 203 | --- | 4 | | | | | | | | | |
| P 20830 | 203 | --- | 23 | | | | | | | | | |
| P 20831 | 203 | --- | 6 | | | | | | | | | |
| P 20832 | 203 | --- | 3 | | | | | | | | | |
| P 20833 | 203 | --- | 131 | | | | | | | | | |
| P 20834 | 203 | --- | 52 | | | | | | | | | |
| P 20835 | 203 | --- | < 1 | | | | | | | | | |
| P 20836 | 203 | --- | 4 | | | | | | | | | |
| P 20837 | 203 | --- | 26 | | | | | | | | | |
| P 20838 | 203 | --- | 18 | | | | | | | | | |
| P 20839 | 203 | --- | 10 | | | | | | | | | |
| P 20840 | 203 | --- | 14 | | | | | | | | | |
| P 20841 | 203 | --- | < 1 | | | | | | | | | |
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| P 20844 | 203 | --- | 23 | | | | | | | | | |
| P 20845 | 203 | --- | 21 | | | | | | | | | |
| P 20846 | 203 | --- | < 1 | | | | | | | | | |
| P 20847 | 203 | --- | 9 | | | | | | | | | |
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| P 20849 | 203 | --- | < 1 | | | | | | | | | |
| P 20850 | 203 | --- | 19 | | | | | | | | | |
| P 20851 | 203 | --- | 19 | | | | | | | | | |
| P 20852 | 203 | --- | 22 | | | | | | | | | |
| P 20853 | 203 | --- | 197 | | | | | | | | | |
| P 20854 | 203 | --- | 62 | | | | | | | | | |
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| P 20856 | 203 | --- | 70 | | | | | | | | | |
| P 20857 | 203 | --- | 32 | | | | | | | | | |
| P 20858 | 203 | --- | 43 | | | | | | | | | |
| P 20859 | 203 | --- | 43 | | | | | | | | | |

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| SAMPLE DESCRIPTION | PREP CODE | Au NAA ppb | | | | | | | | | | |
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| P 20861 | 203 --- | 5 | | | | | | | | | | |
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| P 20864 | 203 --- | 4 | | | | | | | | | | |
| P 20865 | 203 --- | 32 | | | | | | | | | | |
| P 20866 | 203 --- | 80 | | | | | | | | | | |

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| | | | oz/T | g/tonne | | | | | | | | |
| P20867 | 207 | -- | 4.65 | 3.91 | | | | | | | | |

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| R2924 | 205 | --- | 41 | | | | | | | | |

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| | | | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| R 929 | 214 | 238 | 0.58 | 8.2 | 5820 | 100 | < 0.5 | 786 | 0.14 | < 0.5 | 1 | 9 | 14 | 3.13 | < 10 | < 1 | 0.45 | 50 | 0.04 | 116 | < 1 |
| R 931 | 214 | 238 | 0.24 | 35.0 | 5760 | 90 | < 0.5 | 290 | 0.06 | < 0.5 | 1 | 28 | 23 | 6.27 | < 10 | < 1 | 0.28 | 50 | 0.03 | 199 | < 1 |
| R 977 | 214 | 238 | 0.22 | 5.0 | 2300 | 10 | < 0.5 | 42 | 0.09 | < 0.5 | 4 | 1 | 68 | 7.05 | < 10 | < 1 | 0.07 | 20 | 0.02 | 2190 | < 1 |
| IR87P6 R986 | 214 | 238 | 0.14 | 8.2 | 7360 | 50 | < 0.5 | 36 | 0.24 | < 0.5 | 1 | 9 | 42 | 2.84 | < 10 | < 1 | 0.05 | < 10 | 0.02 | 82 | < 1 |
| R 8492 | 214 | 238 | 0.32 | 1.2 | >10000 | 210 | < 0.5 | 22 | 0.35 | < 0.5 | 1 | 7 | 247 | >15.00 | < 10 | < 1 | 1.46 | 10 | 0.03 | 1105 | < 1 |
| P 20636 | 214 | 238 | 0.24 | 0.2 | 155 | 180 | < 0.5 | < 2 | 1.58 | < 0.5 | 13 | 61 | 35 | 3.18 | < 10 | < 1 | 0.27 | 30 | 0.50 | 597 | < 1 |
| P 20712 | 214 | 238 | 0.24 | 4.6 | >10000 | 30 | < 0.5 | 110 | 0.37 | < 0.5 | 2 | < 1 | 124 | >15.00 | < 10 | < 1 | 0.13 | 20 | 0.02 | 705 | < 1 |
| R 9449 | 214 | 238 | 0.33 | 40.0 | 3090 | 40 | < 0.5 | 212 | 0.04 | < 0.5 | 1 | 19 | 118 | 2.38 | < 10 | < 1 | 0.18 | 60 | 0.02 | 58 | < 1 |
| P 20683 | 214 | 238 | 0.33 | 0.2 | 180 | 40 | < 0.5 | 4 | 0.13 | < 0.5 | 3 | 8 | 89 | 4.49 | < 10 | < 1 | 0.16 | 10 | 0.05 | 988 | < 1 |
| P 20744 | 214 | 238 | 0.39 | 0.2 | >10000 | 150 | < 0.5 | 84 | 0.03 | < 0.5 | 1 | 14 | 24 | 2.83 | < 10 | < 1 | 0.20 | 40 | 0.02 | 77 | < 1 |
| P 20755 | 214 | 238 | 0.14 | 1.0 | 615 | 190 | < 0.5 | 18 | 0.01 | < 0.5 | < 1 | 9 | 8 | 1.35 | < 10 | < 1 | 0.16 | 40 | 0.01 | 53 | < 1 |
| P 20767 | 214 | 238 | 0.16 | 1.4 | >10000 | 20 | < 0.5 | 18 | 0.11 | < 0.5 | 15 | 10 | 82 | 4.67 | < 10 | < 1 | 0.13 | 50 | 0.01 | 83 | < 1 |
| P 20768 | 214 | 238 | 0.15 | 1.2 | >10000 | 30 | < 0.5 | 42 | 0.05 | < 0.5 | 3 | 5 | 180 | 6.91 | < 10 | < 1 | 0.09 | 70 | 0.02 | 87 | < 1 |
| P 20798 | 214 | 238 | 0.11 | 9.0 | >10000 | 10 | < 0.5 | 38 | 0.19 | < 0.5 | < 1 | 27 | 22 | 2.19 | < 10 | < 1 | 0.03 | 10 | 0.02 | 220 | < 1 |
| P 20812 | 214 | 238 | 0.27 | 0.4 | 1055 | 30 | < 0.5 | 204 | < 0.01 | < 0.5 | < 1 | 10 | 8 | 1.83 | < 10 | < 1 | 0.12 | 40 | 0.02 | 37 | < 1 |
| P 20813 | 214 | 238 | 0.55 | 1.4 | 1565 | 50 | < 0.5 | 110 | 0.01 | < 0.5 | < 1 | 9 | 11 | 1.91 | < 10 | < 1 | 0.23 | 10 | 0.04 | 26 | < 2 |
| P 20815 | 214 | 238 | 0.10 | 0.2 | >10000 | 70 | < 0.5 | 1280 | 0.01 | < 0.5 | < 1 | < 1 | 107 | 9.97 | < 10 | < 1 | 0.15 | < 10 | 0.01 | 32 | < 1 |
| P 20818 | 214 | 238 | 0.26 | 6.0 | >10000 | 40 | < 0.5 | 130 | < 0.01 | < 0.5 | < 1 | 3 | 42 | 3.58 | < 10 | < 1 | 0.20 | 20 | 0.01 | 48 | < 1 |
| R 2930 | 214 | 238 | 0.21 | 3.0 | 5650 | 50 | < 0.5 | 260 | 0.11 | < 0.5 | < 1 | 19 | 29 | 2.08 | < 10 | < 1 | 0.12 | 20 | 0.02 | 114 | < 1 |

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| R 931 | 214 | 238 | 0.01 | 19 | 160 | 56 | 275 | < 10 | 81 | < 0.01 | < 10 | < 10 | 10 | < 5 | 12 | .084 |
| R 977 | 214 | 238 | < 0.01 | 9 | 200 | 16 | 20 | < 10 | 17 | < 0.01 | < 10 | < 10 | 5 | < 5 | 22 | .084 |
| IR87P6 R986 | 214 | 238 | 0.01 | 7 | 110 | 28 | 50 | < 10 | 62 | < 0.01 | < 10 | < 10 | 2 | < 5 | 6 | .037 |
| R 8492 | 214 | 238 | 0.01 | 6 | 1560 | 120 | 145 | < 10 | 1365 | < 0.01 | < 10 | 20 | 42 | < 5 | 37 | .037 |
| P 20636 | 214 | 238 | 0.02 | 28 | 640 | 40 | 5 | < 10 | 62 | 0.02 | < 10 | < 10 | 31 | < 5 | 88 | .037 |
| P 20712 | 214 | 238 | < 0.01 | 4 | 530 | 10 | 100 | < 10 | 49 | < 0.01 | < 10 | < 10 | 7 | < 5 | 4 | .084 |
| R 9449 | 214 | 238 | 0.01 | 5 | 170 | 26 | 795 | < 10 | 44 | < 0.01 | < 10 | < 10 | 4 | < 5 | 6 | .084 |
| P 20683 | 214 | 238 | < 0.01 | 12 | 110 | < 2 | 5 | < 10 | 9 | < 0.01 | < 10 | < 10 | 5 | < 5 | 4 | .037 |
| P 20744 | 214 | 238 | < 0.01 | 8 | 70 | 6 | 15 | < 10 | 4 | 0.01 | < 10 | < 10 | 5 | < 5 | 3 | .037 |
| P 20755 | 214 | 238 | < 0.01 | 5 | 100 | 10 | 5 | < 10 | 9 | 0.01 | < 10 | < 10 | 3 | < 5 | 2 | .029 |
| P 20767 | 214 | 238 | 0.01 | 8 | 150 | 54 | 55 | < 10 | 77 | < 0.01 | < 10 | < 10 | 4 | 45 | 12 | .037 |
| P 20768 | 214 | 238 | < 0.01 | 5 | 220 | 42 | 50 | 10 | 35 | < 0.01 | < 10 | < 10 | 5 | 145 | 8 | .037 |
| P 20798 | 214 | 238 | 0.01 | 27 | 100 | 54 | 115 | < 10 | 41 | < 0.01 | < 10 | < 10 | 2 | < 5 | 7 | .037 |
| P 20812 | 214 | 238 | 0.01 | 1 | 130 | 2 | 15 | < 10 | 1 | < 0.01 | < 10 | < 10 | 5 | < 5 | 1 | .037 |
| P 20813 | 214 | 238 | 0.01 | 5 | 240 | 34 | 40 | < 10 | 4 | < 0.01 | < 10 | < 10 | 6 | < 5 | 1 | .053 |
| P 20815 | 214 | 238 | 0.01 | < 1 | 6870 | 64 | 160 | < 10 | 18 | < 0.01 | < 10 | < 10 | 5 | < 5 | 1 | .037 |
| P 20818 | 214 | 238 | < 0.01 | < 1 | 300 | 78 | 140 | < 10 | 7 | < 0.01 | < 10 | < 10 | 3 | < 5 | 2 | .101 |
| R 2930 | 214 | 238 | 0.01 | 7 | 630 | 42 | 30 | < 10 | 34 | < 0.01 | < 10 | < 10 | 4 | < 5 | 7 | .037 |

CERTIFICATION :

PCJ



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
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1016 - 510 W. HASTINGS ST.
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Project : HGJV

Comments: ATTN: JACK BENNETT

Page A
Tot. pages: 1
Date : 29-NOV-87
Invoice # : I-8726555
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8726555

| SAMPLE DESCRIPTION | PREP CODE | | Al | Ag | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------------------|-----------|-----|------|-------|--------|------|-----|-----|--------|-------|-----|-----|-----|--------|------|-----|--------|-----|------|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| P 20677 | 214 | 238 | 0.31 | < 0.2 | 1740 | 20 | 6.0 | < 2 | 1.06 | < 0.5 | 1 | 3 | 336 | >15.00 | < 10 | < 1 | 0.10 | 10 | 1.13 | 3610 | < 1 |
| R 9452 .040r | 214 | 238 | 0.25 | 12.4 | 1185 | 80 | 1.5 | 138 | < 0.01 | < 0.5 | < 1 | 10 | 12 | 2.85 | < 10 | < 1 | 0.12 | 20 | 0.01 | 64 | < 1 |
| R 9459 .056 | 214 | 238 | 0.03 | 0.2 | >10000 | < 10 | 3.5 | 18 | 0.10 | < 0.5 | 1 | 14 | 65 | 7.56 | < 10 | < 1 | < 0.01 | 10 | 0.01 | 65 | < 1 |

CERTIFICATION :

BC



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : HGJV

Comments: ATTN: JACK BENNETT

Page : B
Tot. Pages :
Date : 29-NOV-87
Invoice # : I-8726555
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8726555

| SAMPLE DESCRIPTION | PREP CODE | | Na | Ni | P | Pb | Sb | Se | Sr | Ti | Tl | U | V | W | Zn | Au | |
|--------------------|-----------|-----|--------|-----|------|-----|-----|------|-----|--------|------|------|-----|-----|-----|------|--------------|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | g/t |
| P 20677 | 214 | 238 | < 0.01 | 13 | 230 | 24 | 10 | < 10 | 11 | < 0.01 | 20 | < 10 | 16 | < 5 | < 1 | 0.10 | m. Sub. data |
| R 9452 | 214 | 238 | < 0.01 | 4 | 80 | 150 | 195 | < 10 | 39 | 0.02 | 10 | < 10 | 8 | < 5 | 130 | 1.37 | Δ |
| R 9459 | 214 | 238 | < 0.01 | 5 | < 10 | 14 | 45 | 10 | 25 | < 0.01 | < 10 | < 10 | 3 | < 5 | < 1 | 1.92 | Δ |

CERTIFICATION :

TABLE 1
HYLAND GOLD JOINT VENTURE
TRENCHING ASSESSMENT CALCULATIONS

QUIVER, PICLET & SOVI CLAIMS

QUARTZ LAKE AREA

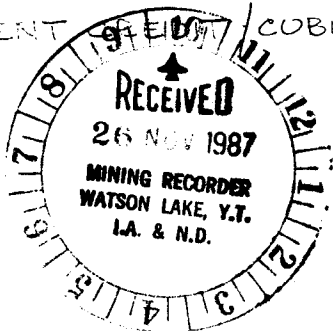
NTS 95D/12

JULY-AUGUST, 1987

| TRENCH NO | CLAIM LOCATION | \$ ASSESSMENT | CUBIC VOLUME | METRES LENGTH | METRES WIDTH | DEPTH |
|-----------|----------------|---------------|--------------|---------------|--------------|-------|
| 1 | PICLET 1&2 | 2778.30 | 3969 | 294 | 4.5 | 3 |
| 2 | 1&2 | 2702.70 | 3861 | 286 | 4.5 | 3 |
| 3 | 6 | 1456.70 | 2081 | 185 | 4.5 | 2.5 |
| 4 | 5&6 | 1367.10 | 1953 | 217 | 4.5 | 2 |
| 5 | 8&29 | 907.20 | 1296 | 108 | 6 | 2 |
| 6 | 7&8 | 5481.00 | 7830 | 580 | 4.5 | 3 |
| 7 | 7 | 175.00 | 250 | 57 | 4.5 | 1.5 |
| 7A | | 141.75 | 202.5 | 90 | 4.5 | 0.5 |
| 8 | 6&27 | 3150.00 | 250 | 250 | 4.5 | 4 |
| 9 | 4&6 | 897.75 | 1282.5 | 95 | 4.5 | 3 |
| 10 | 9&10 | 2165.80 | 3094 | 275 | 4.5 | 2.5 |
| 11 | 3&4 | 1464.75 | 2082.5 | 186 | 4.5 | 2.5 |
| 12 | 8&29 | 1953.00 | 2790 | 310 | 4.5 | 2.0 |
| 13 | 10 | 1523.90 | 2177 | 193.5 | 4.5 | 2.5 |
| 14 | 9&11 | 982.80 | 1404 | 104 | 4.5 | 3 |
| 15 | 16 | 918.75 | 1312.5 | 105 | 5 | 2.5 |
| 16 | 3&4 | 1260.00 | 1800 | 200 | 4.5 | 2 |
| 17 | 4 | 645.75 | 922.5 | 82 | 4.5 | 2.5 |
| 18 | 9&10 | 511.70 | 731 | 65 | 4.5 | 2.5 |
| 19 | 4 | 354.20 | 506 | 75 | 4.5 | 1.5 |
| 20 | 5&6 | 866.25 | 1237.5 | 110 | 4.5 | 2.5 |
| 21 | 3&4 | 1102.50 | 1575 | 175 | 4.5 | 2.0 |
| 22 | 3 | 787.50 | 1125 | 100 | 4.5 | 2.5 |
| | TOTAL | | 47,992 | | | |

* \$ 34,247.50 EXPENDITURES - BULLDOZER ASSESSMENT

E. CARON DIAMOND DRILLING
 $34,247.50 / 47,992 = \$ 0.7136$
 $= \$ 0.70$



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