MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.:	092664
	PROSPECTUS		MINING DISTRICT:	WATSON LAKE
95 D 12	CONFIDENTIAL	X	TYPE OF WORK:	GEOCHEMICAL, GEOPHYSICAL,
	OPEN FILE			TRENCHING, DIAMOND DRILLING

REPORT FILED UNDER: Adrian Resources Ltd., NDU Resources Ltd. and Silverquest Resources Ltd.

DATE PERFORMED: June 3 - September 20, 1988 DATE FILED: January 23, 1989

LOCATION: LAT.: 60°31'N AREA: Quartz Lake

LONG.: 127°52'W VALUE $: 38,125.00

CLAIM NAME & NO.: PIGLET 1-32 YA70902-933; QUIVER 1-2, 11-12, 21-25, 30, 32, 34 YA68429-430, 439-440, 449-452, 709, 714, 716, 718; SOW 1-5 YB00422-26; BOAR 1-28 YB14252-62, 383-87 YB15352-63; ~~HAM~~ 1-11F YB14388-91, 247-51, 392-93

WORK DONE BY: J.T. Dennett, W.D. Eaton (Archer, Cathro & Associates (1981) Ltd.)

WORK DONE FOR: Adrian Resources Ltd., NDU Resources Ltd. and Silverquest Resources Ltd.

DATE TO GOOD STANDING		REMARKS: #8 PORKER Grid soil geochemistry, electromagnetic and
		induced polarization surveys, bulldozer trenching, road
		construction and 375.8 m diamond drilling in four holes. Three
		<20 X 1000 m north-trending mineralized faults assay 6.55 g/t Au
		over 20 m, and 12.7 g/t over 1 m in the south and north, respec.

092664

ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED
CONSULTING GEOLOGICAL ENGINEERS

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(604) 688-2568

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MINING RECORDER
WATSON LAKE, Y.T.
I.A. & N.D.

Report On

SOIL GEOCHEMICAL, GEOPHYSICAL, BULLDOZER TRENCHING AND DIAMOND DRILLING PROGRAM

conducted for

ADRIAN RESOURCES LTD., NDU RESOURCES LTD.

AND SILVERQUEST RESOURCES LTD.,

at

Piglet, Quiver, Sow, Boar and Ham Claims

NTS 95D/12

Latitude 60°31'; Longitude 127°52'

092664

December, 1988

J.T. Dennett, Dipl.T., B.Sc.

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

Work done between June 3 and September 20, 1988

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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 chip samples taken in 1986 returned up to 4.0 g/t Au over 10 m.

During 1987, exploration included staking five additional claims, minor soil geochemistry on the margins 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 work confirmed the soil geochemical anomalies are associated with a large, well mineralized hydrothermal system developed in strongly faulted sedimentary rocks. Four types of gold occurrences were recognized: limonitic breccias, graphitic shears, massive siderite +/- sulphide lenses, and sulfosalt veins. The best assay was 3.98 g/t Au over 5 m from a trench cut in a limonitic breccia zone.

In spring 1988, Novamin Resources Inc. withdrew from the joint venture and was replaced by Adrian Resources Ltd. The 1988 field program was conducted between June 4 and September 20 with Prime Explorations Ltd. acting as operator and Archer, Cathro & Associates (1981) Limited as field manager. Work was supervised by R. Cathro and the authors and consisted of: additional claim staking; continued grid soil geochemistry; magnetic, electromagnetic (EM) and induced polarization (IP) surveys; bulldozer trenching; road construction; and, 375.8 m of diamond drilling in four holes. Appendix I contains the Authors' Statements of Qualifications, while Appendix II is a list of personnel who worked on the project.

PROPERTY, LOCATION AND ACCESS

The Hyland Gold property consists of 88 contiguous, full and fractional mineral claims (see Figure 2 in the pocket) registered with the Watson Lake Mining Recorder as follows:

Claim Name	Grant Numbers	Expiry Date*
Piglet 1-32	YA70902-YA70933	12 March, 1999
Quiver 1-2	YA68429-YA68430	11 March, 1996
Quiver 11-12	YA68439-YA68440	11 March, 1996
Quiver 21-24	YA68449-YA68452	11 March, 1996
Quiver 25	YA68709	11 March, 1996
Quiver 30	YA68714	11 March, 1996
Quiver 32	YA68716	11 March, 1996
Quiver 34	YA68718	11 March, 1996
Sow 1-5	YB00422-YB00426	11 March, 1997
Boar 1-11	YB14252-YB14262	11 March, 1994
Boar 12-16	YB14383-YB14387	11 March, 1994
Boar 17-28	YB15352-YB15363	11 March, 1994
Ham 1-4F	YB14388-YB14391	11 March, 1994
Ham 5-9F	YB14247-YB14251	11 March, 1994
Ham 10-11F	YB14392-YB14393	11 March, 1994

*includes 1988 assessment which has been filed but not yet formally accepted.

The claims are located on NTS map sheet 95D/12 at latitude 60°31' and longitude 127°52' along the southeast side of Quartz (Hulse) Lake, some 70 km northeast of Watson Lake. A 75 km long system of bulldozer trails and winter roads extend from the property to the Alaska Highway.

Access in 1988 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 part 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 empty drums were sent out on the backhaul.

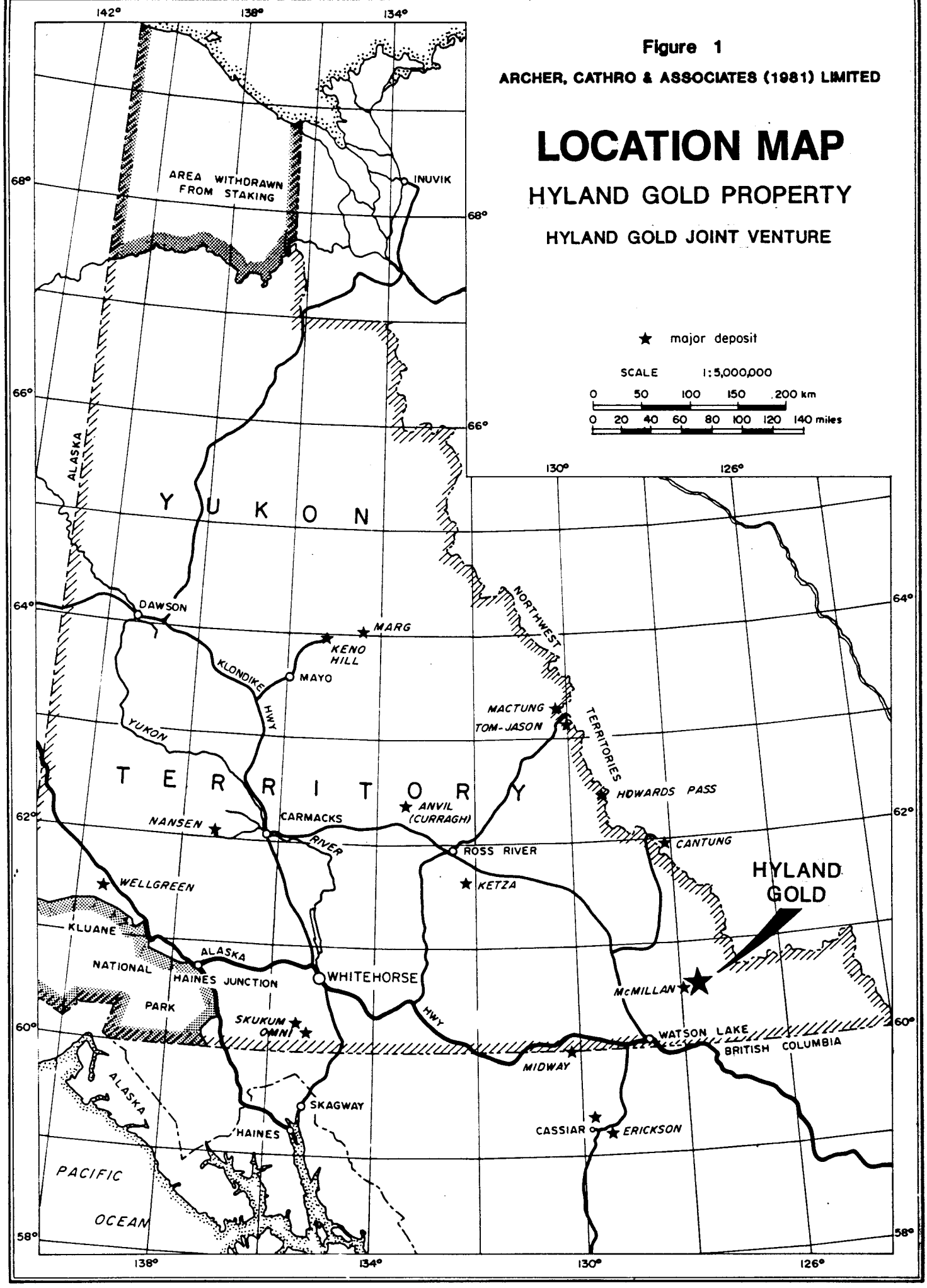
Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LOCATION MAP

HYLAND GOLD PROPERTY

HYLAND GOLD JOINT VENTURE



In June, a Chevrolet S10 four-wheel drive truck was slung to the property by a Vancouver Island Helicopters Ltd. Bell 205 temporarily operating from Watson Lake. The truck was able to reach most parts of the property using an extensive system of roads built in 1987 and extended in 1988.

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 zinc-lead-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 Exploration Co. of Canada Ltd. and New Jersey Zinc Exploration Co. [Canada] Ltd.).

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 on the western edge of the property 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 fringes of the Porker property in winter 1981. Geological and geochemical surveys were done in 1982, while rock sampling and hand trenching were 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 terrane 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. Photograph 1 on the following page is an aerial view of the property taken from a helicopter in 1987.

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 variable thicknesses of glacial till. A prominent terrace of glaciofluvial material arcs across the northern half 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.

Photograph 1: Aerial view of property looking south.

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 intrusive bodies exposed 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.

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.

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

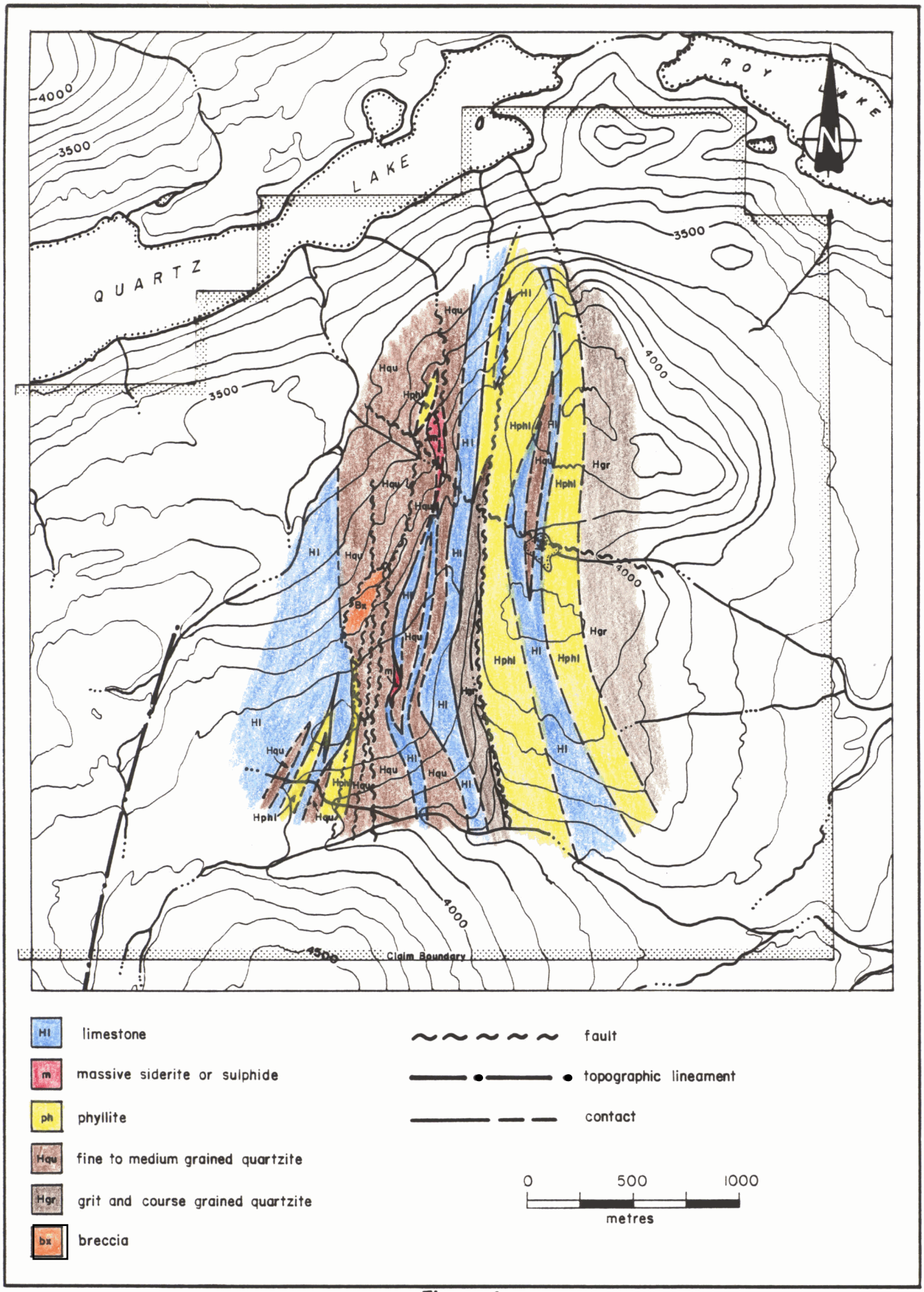


Figure 4

GEOLOGY SUMMARY MAP

HYLAND GOLD PROPERTY

Hl 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 (Hls) lenses up to 10 m thick often occur along the margins of the limestone and as distinct horizons within it. Disseminated sulphides are common in the siderite and massive sulphide bands (Hlm) are occasionally present.

A 450 by 150 m breccia zone (BX) located in the southwestern part of the property was mapped as a separate unit. This rock is medium to dark brown weathering and consists 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 are 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.

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 (see Photograph 1). 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

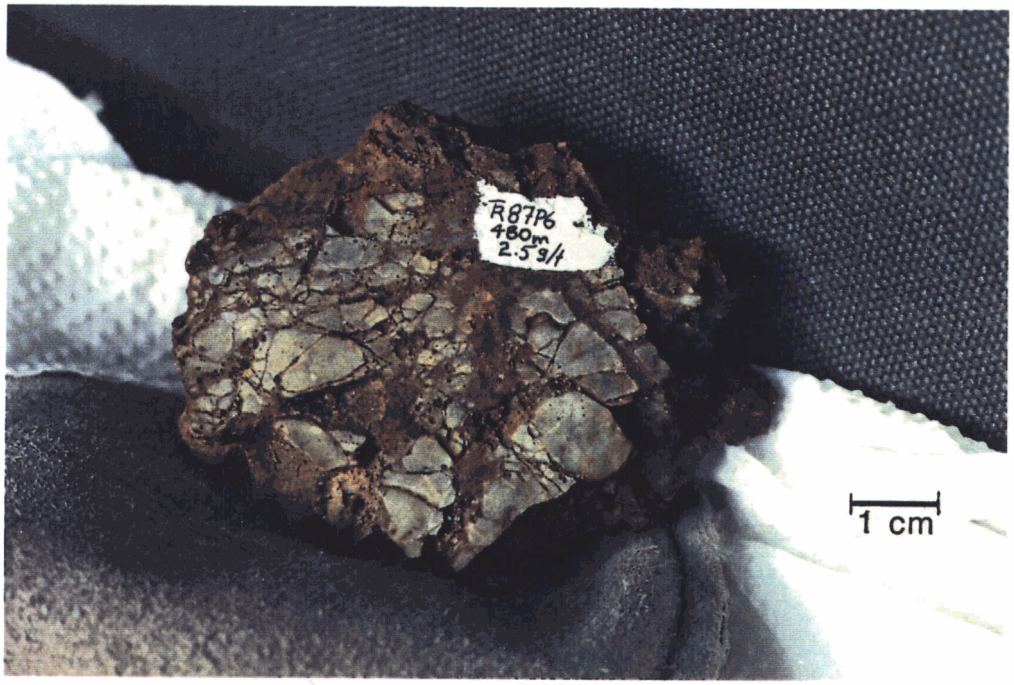
Hydrothermal alteration with accompanying sulphides or limonite are found in nearly all roadcuts and trenches that cross the main geochemical anomaly and are intermittently developed in exposures within secondary anomalies. The type and intensity of the alteration and mineralization are primarily controlled by the host lithology and proximity to large faults. In general, they are best developed in the relatively brittle quartzite beds and along the margins of chemically reactive limestone horizons. Six general types of mineralization have been identified and are summarized in the following paragraphs. Specific occurrences are described in more detail in the Bulldozer Trenching and Diamond Drilling sections of this report.

1. The most significant gold values obtained from the property to date occur within or directly adjacent to major, north-trending fault zones. These zones are up to 20 m wide, recessive weathering and consist of clay or sand gouge that is strongly limonitic or weakly graphitic. Three of these structures, which have been traced through the southern part of the main trenching area for a 1000 m strike length, appear to be part of a broad anastomosing fault system. The northerly extensions of these faults are largely untested as they follow depressions that are usually filled with a deep layer of soil, talus or fluvial material. Wallrocks are strongly clay altered and silicified quartzites and phyllites that contain weak fracture mineralization and typically assay between 0.1 and 1.0 g/t Au. The best assay from the southern portion of the vein system (6.55 g/t Au across 20 m) came from 1988 Trench P-36, while the highest assay from the northern portion of the system (12.70 g/t Au across 1.0 m) was from a graphitic shear in 1987 Trench P-11, which appears to be a bedding fault splaying off the south side of a much larger, unexposed structure.

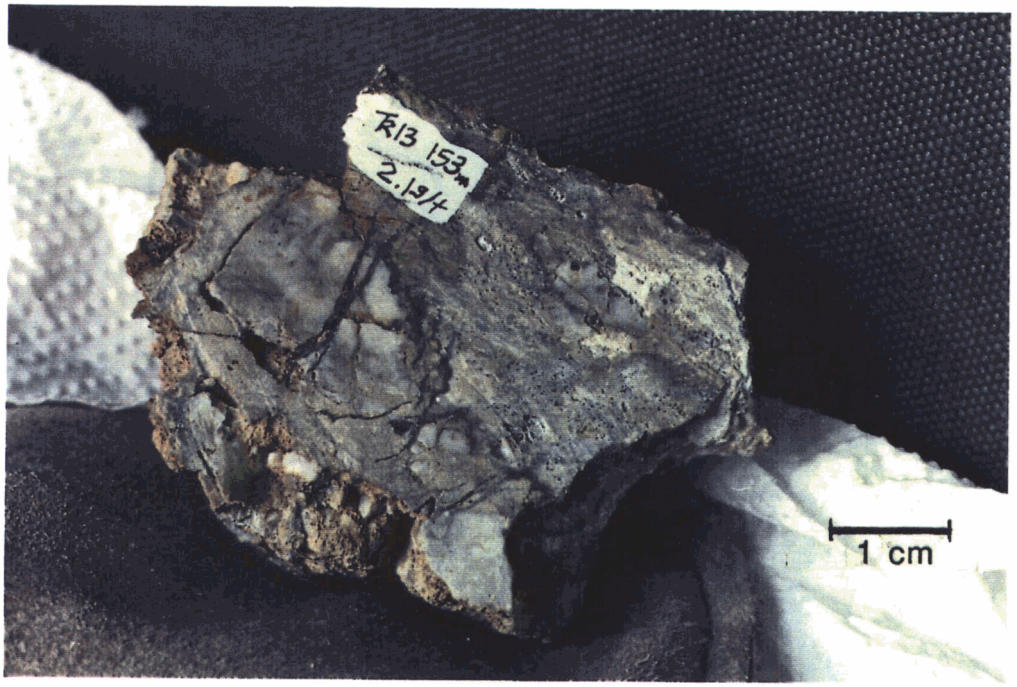
2. A 450 by 150 m, limonitic breccia zone is developed between two of the major faults in the south-central part of the main geochemical anomaly. It is exposed in five trenches and a series of low hummocks that may be rotated blocks in a large slump. The breccia typically consists of 0.5 to 2 cm in diameter, barren white quartzite fragments surrounded by medium-brown limonite, as shown on Photograph 2 on the following page. Microscopic tourmaline is common while scorodite stains and traces of pyrite are occasionally present. Chip samples across this zone normally return values in the range of 0.2 to 1.0 g/t Au but assays up to 2.54 g/t Au over 5 m have been obtained. Multi-element analysis of gold-bearing breccia specimens show they are 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. There is no direct correlation between the abundance of limonite and gold grade.

3. Scorodite, pyrite and arsenopyrite occur with yellow-brown limonite and, rarely, jamesonite and malachite in narrow veins with or without quartz gangue. Photograph 3 on the following page shows a typical strongly oxidized specimen. 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. The best chip assay (6.99 g/t Au over 1.0 m) came from 1988 Trench P-23.

4. Disseminated and fracture filling pyrite and arsenopyrite are common in quartzite horizons away from the breccia zone and major faults but have not returned any significant gold assays. Quartzites containing this type of



Photograph 2: Specimen of limonite breccia with gold assay.



Photograph 3: Specimen of oxidized vein with gold assay.

mineralization often exhibit a bleached, sugary appearance when the sulphides have been leached away to leave pits and characteristically contain greenish-yellow to light brown limonite. Multi-element analyses shows these rocks are only weakly anomalous for gold but often contain more arsenic than the well mineralized limonitic breccias.

5. Siderite lenses containing heavily disseminated to massive pyrite, with lesser arsenopyrite and pyrrhotite are often developed along limestone contacts. 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.

6. A few galena veinlets were discovered in 1988 in the western portion of the property near the 1955 drill holes. The veinlets occur in small isolated quartzite outcrops and little is known about the surrounding geology.

SOIL GEOCHEMISTRY

In 1984, wide-spaced grid soil sampling was conducted over the core of the property and in 1986 the grid was expanded to the south and east and sample density was increased in anomalous areas. Details of these work programs are described in a 1986 report by R.C. Carne and W.H. Halleran for Silverquest Resources Ltd. In 1987, a small amount of additional sampling was done along the southern edge of the grid.

Pre-1988 work outlined three principal targets, the most significant of which is a north-trending 400 m wide, 2500 m long belt of largely coincident, strongly anomalous gold, arsenic and bismuth response. The anomalous belt lies on a relatively well drained, mostly west-facing slope in the central part of the property. It is truncated to the west and north by thick deposits of glaciofluvial till and to the south by a suspected fault. The eastern edge is highly irregular and no geological or geomorphological control has been identified. Toward its southern end, the main belt appears to swing sharply to the east and this east-trending limb merges with a second, less distinct, north-trending belt developed in the eastern third of the property.

Although the second anomaly is almost as large as the first, it is much more erratic and less intense. The lack of continuity may be due in part to the presence of thicker vegetation and more frost in the soil which makes good quality samples difficult to obtain. The east-trending limb and second north-trending belt both exhibit anomalous gold and arsenic values but lack the strong bismuth response that typifies the main belt.

A third, smaller anomaly (400 by 200 m) is located near the north end of the grid, approximately halfway between the two north-trending belts.

In 1988, additional sampling was done along the south and west sides of the grid. Samples were taken at 30 m intervals on compass and topofil controlled lines spaced 60 m apart. A total of 819 samples were 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 fire assay preparation and neutron activation finish, plus 32 other elements by ICP atomic emission spectroscopy. The preparation and analytical techniques used in 1988 were consistent with those used in earlier programs.

Gold, arsenic, bismuth and lead results obtained from the 1988 sampling and earlier programs are illustrated on Figure 6, 7, 8 and 9 in the pocket. Values for the other metals are shown on the assay certificates in Appendix III. Aside from a few weak, single point anomalies, gold, arsenic and bismuth returned near background values. Lead response, on the other hand, is much stronger in the western part of the grid than elsewhere on the property and forms several clusters of moderate to strongly anomalous values, one of which was in the vicinity of the galena veinlets. Most samples containing high lead values are also weakly to moderately anomalous in silver and zinc. There is no obvious geological structure that marks the transition from the gold trend to the lead trend and no significant variation in bedrock lithology has been recognized that would account for the differing metal signatures.

GEOPHYSICS

Magnetic, EM and IP surveys were conducted by a three-man crew from Delta Geoscience Ltd. between June 22 and July 11 under supervision of geophysicist Grant Hendrickson. The work was performed with a B.R.G.M. IP-2 Receiver, Hunter LOPO 200 watt time domain I.P. Transmitter, Scintrex I.G.S. II system configured as a VLF/MAG/Gradiometer and Scintrex MP-3 Base Station Magnetometer. The IP survey was done using 240 m separations on the transmitting cables and 40 m separations on receiving cables. The Seattle station was used for all crossline readings during the EM survey. Magnetic and EM surveys covered the entire soil grid but the IP survey was only completed over the northern three-quarters of the grid. Figures 10, 11, 12 and 13 in the pocket illustrate magnetics, conductivity, resistivity and chargeability, respectively.

Magnetic contrast is generally low. The major features are a string of lows that approximately coincide with the massive siderite lenses in the northern half of the main geochemical anomaly and a 700 m long, north-trending high on the eastern edge of the grid. There is no obvious explanation for the magnetic high and it does not directly correlate to any of the geochemical anomalies.

The EM survey outlined several north-trending, bifracting or en echelon conductors, the strongest of which approximately coincides with the trace of one of the major fault systems in the northern half of the main geochemical anomaly. Most of the secondary conductors are not directly related to any known geological features and none of the faults in the southern half of the grid appear to be conductive.

Resistivity and chargeability both yielded quite different patterns from the eastern and western halves of the grid. The eastern half, which includes the massive siderite lenses in the northern part of the main trenching area, is characterized by numerous subparallel, north-trending anomalies. Most of the anomalies are unexplained and do not directly correlate to specific geochemical anomalies. However, the massive siderite shows up as an intense chargeability high, probably because of the disseminated to massive sulphides. The western half of the grid exhibits much less contrast, particularly over the glacial terrace. The most noteworthy feature in this area is a chargeability low that roughly coincides with the zone of silicification developed around the limonite breccia and mineralized faults in the southern part of the grid.

BULLDOZER TRENCHING

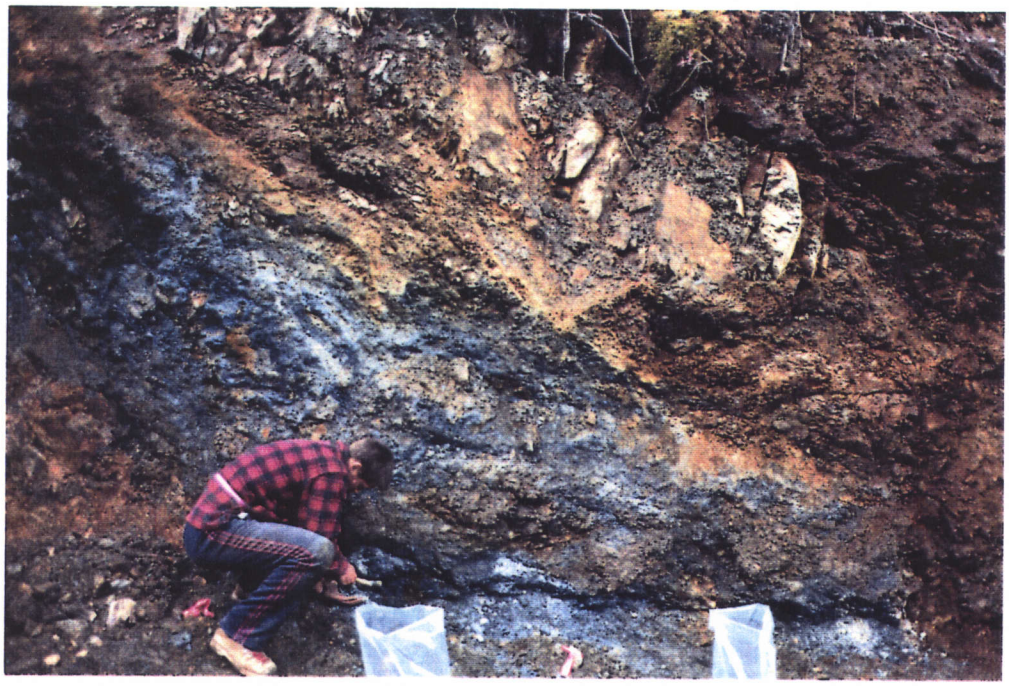
General

Bulldozer trenching was done by E. Caron Diamond Drilling Ltd. of Whitehorse with a ripper-equipped Caterpillar D7E bulldozer that had been stored on the property over the winter. At the conclusion of the 1988 program, the bulldozer was winterized and again left on the property in preparation for a 1989 program or, if not required, demobilization in late winter or spring.

A total of 621 hours of bulldozer time were used between June 6 and September 15. During this period, 2.7 km of four-wheel drive roads were upgraded, 7.3 km of new road and bulldozer trails were constructed, 2760 linear metres of bedrock was exposed in 16 trenches, and 1515 linear metres 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 or lower ribs (see Photographs 4 and 5 on the following page). Samples were taken over 5 to 10 m intervals from all potentially mineralized exposures, except in particularly interesting areas where the intervals were shortened as required. Four hundred and thirty, 5 to 10 kg 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. In addition to the rocks, 170 soil samples were collected along the bottom of trenches that 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 III.

Photograph 4: Trench P-25 facing west.



Photograph 5: Chip sampling of Trench P-11. Interval shown assayed 0.69 g/t Au over 1.7 m.

Results

Trench locations are illustrated at 1:5,000 scale relative to geology, gold, arsenic, bismuth and lead soil geochemical anomalies and magnetics, conductivity, resistivity and chargeability results on Figures 5 through 13, respectively, and at 1:1,000 scale with detailed geology on Figures 14 to 16. The most significant 1987 and 1988 trench assays are listed on Table 1 on the following page and are generalized on the 1:5000 scale maps. Detailed assay results are shown on Figures 14 to 16. All of the above mentioned figures are in the pockets.

Trenching results generally agreed with geological mapping, soil geochemical response and 1987 trench results but did not explain some geophysical anomalies that were tested. As was the case in 1987, all potentially ore grade assays came from either fault zones or limonite breccia. Most of the work was done in four main areas, as described in the following paragraphs.

1. The most important target and the one that received the most work is the area at the south end of the main soil geochemical anomaly that contains the limonite breccia and mineralized fault zones. A total of nine trenches have been cut in the area and have outlined a mineralized fault-breccia complex that is more than 1000 m long and averages about 200 m across. The best trench assay obtained in 1988 (6.55 g/t Au over 20 m) came from Trench P-36 which lies near the centre of the complex. The mineralized interval coincides with one of the north-trending faults and consist of moderately graphitic gouge. A 12 m wide band of deep overburden, where bedrock could not be sampled, bounds the west side of the zone and a similar 10 m wide band lies on the east side.

TABLE 1: SIGNIFICANT TRENCH ASSAYS

Trench		Interval (m)	Width (m)	Assay Au (g/t)
P-5		40.0- 45.0	5.0	2.23
P-6		430.0-435.0	5.0	2.19
		475.0-480.0	5.0	2.54
P-9		26.0- 31.0	5.0	2.85
P-11		126.5-142.0	15.5	2.30
	includes	133.8-139.9	6.1	4.11
	and	133.8-134.8	1.0	12.70
P-12		79.5- 88.2	8.7	1.89
	includes	79.5- 84.0	4.5	2.78
		228.1-231.3	3.2	1.71
P-13		150.0-160.0	10.0	3.05
	includes	155.0-160.0	5.0	3.98
P-13X		248.0-252.0	4.0	3.98
	includes	248.0-250.0	2.0	7.13
		253.0-264.0	11.0	2.06
	includes	260.5-264.0	3.5	3.67
P-23		35.0- 75.0	40.0	2.06
	includes	35.0- 40.0	5.0	3.43
	and	45.0- 50.0	5.0	3.50
		80.0- 85.0	5.0	2.26
		125.0-130.0	5.0	2.40
		132.7-145.0	12.3	2.40
		155.0-165.0	10.0	1.99
P-25		95.0-112.7	17.7	2.75
	includes	109.0-112.7	3.7	3.77
		118.0-123.0	5.0	2.06
		107.5-120.0*	12.5	1.89
	includes	107.5-112.0*	4.5	3.09
P-29		111.0-121.0	10.0	2.16
P-36		133.0-149.0	16.0	1.84
		195.0-225.0	30.0	4.87
	includes	205.0-225.0	20.0	6.55
	includes	215.0-220.0	5.0	7.71
P-37		284.5-287.5	3.0	3.09

* interval resampled after trench was deepened

Farther west in the same trench, seventeen chip samples taken over an 88 m width returned a weighted average of 0.81 g/t Au from an area cut by three large faults. To the east where overburden tended to be deeper, three chip samples average 1.84 g/t Au over 16 m, while ten soil samples taken peripheral to the chip samples average 2375 ppb Au over an aggregate length of 55 m. Trenches have been cut at approximately 100 m intervals for the length of the fault-breccia complex and all returned significant assays. Based on the trench results, the complex is estimated to have geological potential for 6,750,000 tonnes of oxidized material averaging 2.0 g/t Au. This calculation is uncut and undiluted and disregards stripping ratios and drill results. It was made using a 0.7 g/t Au cutoff and assumes that: the oxidized mineralization intersected in the trenches extends of a depth of 50 m below surface; the oxidized rock has a specific gravity of 2.35; a 3 m minimum mining width is possible; values obtained from soil samples taken near bedrock in Trench P-36 are representative of bedrock grade; and, areas of deep overburden where bedrock could not be exposed will grade the same as adjacent intervals. Dilution and stripping ratios do not appear to be a problem as most mineralized intervals are relatively close together and are surrounded by intervals grading between 0.3 and 0.7 g/t Au. Four 1988 drill holes which tested the complex confirmed that the zone of total oxidation averages about 50 m deep but produced relatively low assays, which may be due primarily to poor core recovery as discussed in the Diamond Drilling section.

2. The second cluster of trenches is located in the north-central part of the grid and tested a prominent topographic linear. All three trenches (P-22, 33 and 34) cut strongly sheared phyllite but did not produce any significant assays.

3. The third target, which was explored by Trenches P-24, 31 and 35, lies in the west-central part of the grid and includes some of the strongest EM and IP anomalies. The trenches exposed interbedded phyllite and quartzite with minor limestone. A few strong faults and barren quartz veins were cut but assays were low.

4. Trench P-30 is situated in the extreme northeast corner of the grid and was intended to test a broad geochemical anomaly. Unfortunately, the target is on a steep, north-facing slope and most of the trench did not reach bedrock because the bulldozer could not get proper traction on the frozen ground. Soil samples taken from the floor of the trench returned weakly anomalous values up to 70 ppb Au.

DIAMOND DRILLING

General

Four holes totalling 375.8 m were drilled between August 17 and September 8 by E. Caron Diamond Drilling Ltd. of Whitehorse. A unitized Longyear 38 drill was used and all holes were completed with either HQ or NQ equipment. Moves were relatively short and were made with the bulldozer. The waterline was up to 1250 m long because drilling was conducted in late summer after most of the smaller creeks had dried up.

Core recovery was a severe problem, particularly in strongly oxidized breccia and gouge zones that contain extremely hard, quartzite fragments in a soft limonite or clay matrix. Recovery in the top 40 to 70 m of the holes was often as low as 1 or 2% and averaged about 20%. Most of the core that was recovered consisted of barren quartzite "marbles" without any of the mineralized matrix. Heavy mud mixtures were used in all holes in an attempt to improve core recovery and build up the walls of the holes. Unfortunately, the clays and limonite that made up the mineralized matrix were suspended in the mud and would not settle out in sludge samples.

The core was logged and mineralized intervals were split and sent to Chemex where they were prepared and assayed using the same techniques as the trench samples. Several of the most promising intervals were not sampled because recovery was less than five percent. The remaining core is stored on the property.

All holes were located within the fault-breccia complex and tested beneath some of the better trench intersections, as shown in plan view on Figures 5 through 13 at 1:5000 scale and 14 and 15 at 1:1000 scale. Assay certificates appear in Appendix III, while simplified drill logs are in Appendix IV.

Geology in the drill holes often appears to be quite different from that in the overlying trenches and assays were generally much lower. However, as mentioned previously, recovery was unusually poor and this may, to a large degree, explain the confusing and disappointing results. Individual holes are briefly summarized below.

Hole 88-1 tested downdip from a fault zone in Trench P-25 which assayed 2.25 g/t Au over 22.7 m, as shown on Figure 17 in the pocket. The hole cut a mixture of quartzites and phyllites that are well fractured and in places strongly sheared and brecciated. Recovery ranged from 0 to 100% but was generally less than 10% in sheared or brecciated intervals. The rocks are well oxidized to 45 m. The best assay was 2.19 g/t Au over 3.0 m from a highly pyritic horizon near the bottom of the hole.

Holes 88-2 and 88-3 were drilled in opposite directions from the same collar and explored beneath well mineralized intervals in Trench P-23, as shown on Figure 18 in the pocket. The upper half of Hole 88-2 cut a series of broad faults while the bottom half intersected fairly massive phyllite, siderite and limestone. The top half is totally oxidized but recovery averaged only about 10%. Most of the material recovered consists of rounded, barren quartzite fragments as shown on Photograph 6 on the following page. Comparison of the trench and drill results suggests that the faults are subparallel to bedding and exhibit 60 to 70° westerly dips. The only sample taken from the upper half of the hole was from a 3 m wide massive phyllite band which returned 0.96 g/t Au. Assays from the lower half of the hole were low. The mineralized faults in the trench above Hole 88-2 averaged 1.93 g/t Au over 45 m.

Photograph 6: Drill core from Hole 88-2; note poor recovery in top 47.6 m (156').

Hole 88-3 appears to have been drilled downdip. Recovery was generally better than that obtained in Hole 88-2 but in two, 12 m intervals no core was recovered. The rocks are a mixture of phyllites and quartzites and base of oxidation is at 64 m. None of the assays from this hole exceeded 0.70 g/t Au even though the trench directly above it averaged 1.50 g/t Au over 52.3 m.

Hole 88-4 was drilled beneath Trench P-25 at the north end of the fault-breccia complex. It showed the best correlation to trench geology and cut a mixture of brecciated and fractured phyllites and quartzites that are strongly oxidized to a depth of 45 m, as shown on Figure 19 in the pocket. The best assay (1.17 g/t Au over 3 m) came from a quartz- and pyrite-rich band located 65 m downdip from a 5 m interval in the trench that assayed 2.23 g/t Au. The apparent dip of this zone is about 80° toward the west.

CONCLUSIONS AND RECOMMENDATIONS

The 1988 program at the Hyland Gold property produced inconclusive results.

Soil geochemistry showed that the main gold targets are confined to the central and eastern parts of the property, while lead, zinc and silver are more abundant toward the west. Magnetic, EM and IP surveys produced numerous unexplained anomalies but demonstrated that the main area of interest lacks a strong characteristic response.

Bulldozer trenches within the 1000 m long, 200 m wide fault-breccia complex in the south-central part of the property returned extremely favourable results and indicate geological potential for a large tonnage of low to moderate grade, well oxidized material that could be mined by open pit methods and may be amenable to cyanidization. Four shallow holes drilled within the fault-breccia complex yielded low assays, possibly because of poor core recoveries resulting from the mixture of hard, unmineralized fragments in a soft, mineralized matrix. The presence of abundant clay and some graphite in the mineralized intervals could cause problems with milling or heap leaching but this can only be determined by metallurgical tests. Arsenic occurs with the gold and could consume significant amounts of cyanide but, fortunately, the rocks contain negligible copper and zinc which are more serious cyanide consumers.

Trenching elsewhere on the property in 1988 returned ambiguous or negative results but large areas with anomalous geochemical or geophysical response remain untested. No trenching was done along the northern projections of the fault-breccia complex where the mineralization extends into areas of deeper overburden.

The 1989 program should consist of continued bulldozer trenching to better define the limits of the fault-breccia complex and test geochemical and geophysical anomalies away from the main mineralized trend, plus approximately 1500 m of diamond drilling on a series of sections across the main trend. The drilling should be done with split tube, HQ equipment and a specialized mud program to optimize recovery. It should concentrate on defining the orientation and controls of mineralization, depth of surface weathering, and possible reserves. Upon completion of the program, metallurgical testing should be done to establish amenability of the ores to cyanidization and/or flotation. The work is budgeted at $655,500, as calculated on the following page.

Respectfully submitted

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

J.T. Dennett, Dipl.T., B.Sc.

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

PROPOSED 1989 BUDGET
HYLAND GOLD JOINT VENTURE

Drilling	
1500 m of diamond drilling using split tube, HQ equipment at about $133/m, all inclusive	$200,000
Bulldozer	
200 hrs of drill support and 400 hrs of trenching with a ripper-equipped D7E at $140/hr, operator and fuel included	75,000
Labour and Consulting Fees	148,000
Field Expenses - 700 mandays @ $65/day	45,500
Fixed Wing and Helicopter	40,000
Assaying and Metallurgical Testing	25,000
Travel and Transportation	20,000
Drafting, Printing and Telephone	13,000
Assessment	3,500
Operator's Fee - 15% payable to Prime Exploration Ltd.	85,500
	$655,500

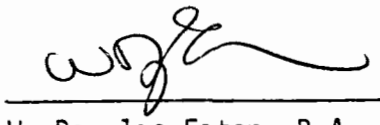
APPENDIX I

AUTHORS' STATEMENTS OF QUALIFICATIONS

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 present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, I 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.

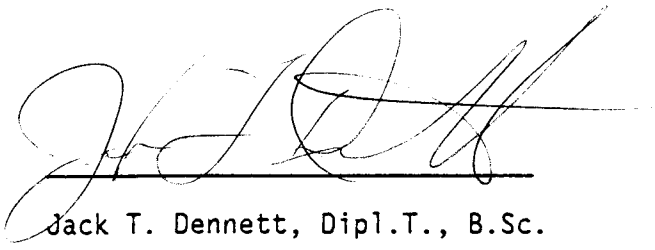


W. Douglas Eaton, B.A., B.Sc.

STATEMENT OF QUALIFICATIONS

I, Jack T. Dennett, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia, and residential address in North 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 Yukon Territory and am presently employed with 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.



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

APPENDIX II

LIST OF PERSONNEL

LIST OF PERSONNEL

NAME	POSITION	DATES AT PROPERTY
J. Dennett	Geologist	June 3 - September 20
R. Cathro	Geologist	June 9, June 23 - 24, August 11
D. Eaton	Geologist	September 4
D. McKay	Fieldman	June 3 - September 20
L. Carne	Cook	June 3 - September 16
S. Thorburn	Fieldman	June 6 - August 31
J. Mannarino	Fieldman	June 27 - July 15

APPENDIX III

ASSAY CERTIFICATES

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

o: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

A8820923

Comments:

CERTIFICATE A8820923

ARCHER CATHRO & ASSOC. (1981) LTD.
PROJECT : HGJV
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
236	16	RUSH Assay:Crush,split,pulv -150

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
471	16	Au oz/T: RUSH, 1/2 assay ton	FA-GRAVIMETRIC	0.003	20.000

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

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

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

A8820335

Comments:

CERTIFICATE A8820335

ARCHER CATHRO & ASSOC. (1981) LTD.
PROJECT : HGJV
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	28	Assay: Crush,split,pulv -150

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
396	28	Au oz/T: 1/2 assay ton	FA-GRAVIMETRIC	0.003	20.000

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

ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

A8819499

Comments :

CERTIFICATE A8819499

ARCHER CATHRO & ASSOC. (1981) LTD.
PROJECT : HGJV
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
203	14	Dry, sieve -35 mesh and ring

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
101	14	Au ppb: Fuse 10 g sample	FA-NAA	1	10000

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

: ARCHER CATHRO & ASSOC. (1981) LTD.

BOX 4127
WHITEHORSE, Y.T.
Y1A 3S9

A8822846

Comments :

CERTIFICATE A8822846

ARCHER CATHRO & ASSOC. (1981) LTD.
PROJECT : HGJV
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-SEP-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
203	90	Dry, sieve -35 mesh and ring
217	90	Geochem:Ring only.no crush/split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	90	Au ppb: Fuse 10 g sample	FA-AAS	5	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

PHONE (604) 984-0221

ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date : 22-NOV-88
Invoice # : I-8827256
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
R 11280	203	238	55	1.20	0.2	705	90	< 0.5	14	0.03	< 0.5	21	48	61	7.67	< 10	< 1	0.17	50	0.12	1320
R 11281	203	238	45	1.27	0.2	475	100	< 0.5	10	0.08	< 0.5	9	82	28	4.53	< 10	< 1	0.17	50	0.22	315
R 11282	203	238	90	1.15	0.2	505	90	0.5	4	0.05	< 0.5	6	76	54	6.07	10	< 1	0.18	40	0.25	212
R 11283	203	238	55	1.38	0.2	600	150	0.5	8	0.10	< 0.5	24	74	39	5.17	< 10	< 1	0.21	50	0.25	1170
R 11284	203	238	30	1.58	0.2	105	150	< 0.5	4	0.19	< 0.5	9	55	11	3.07	< 10	< 1	0.08	30	0.40	256
R 11285	203	238	20	1.17	0.2	85	80	1.0	2	0.14	0.5	23	37	38	4.59	< 10	< 1	0.18	50	0.09	598
R 11286	203	238	60	1.02	0.2	705	130	0.5	10	0.15	< 0.5	18	51	56	4.83	< 10	< 1	0.20	60	0.22	713
R 11287	203	238	70	0.97	0.2	1025	180	1.0	16	0.10	< 0.5	9	65	67	4.37	< 10	< 1	0.24	50	0.19	851
R 11288	203	238	20	1.33	0.2	375	120	< 0.5	8	0.37	< 0.5	8	57	20	3.54	< 10	< 1	0.13	40	0.29	273
R 11289	203	238	< 5	1.44	0.2	70	90	< 0.5	< 2	0.06	< 0.5	7	81	12	3.10	10	< 1	0.14	40	0.39	194
R 11290	203	238	15	1.42	< 0.2	235	100	0.5	6	0.06	< 0.5	10	75	25	3.72	< 10	< 1	0.15	40	0.37	382
R 11291	203	238	< 5	1.42	0.2	110	110	< 0.5	4	0.06	< 0.5	7	71	7	2.43	< 10	< 1	0.12	30	0.26	178
R 11292	203	238	< 5	1.28	< 0.2	55	150	0.5	< 2	0.11	< 0.5	8	71	7	2.28	< 10	1	0.10	30	0.28	176
R 11293	203	238	< 5	1.46	< 0.2	230	220	0.5	4	0.24	< 0.5	10	79	13	3.41	< 10	< 1	0.14	30	0.34	489
R 11294	203	238	< 5	1.33	< 0.2	70	120	< 0.5	< 2	0.08	< 0.5	6	76	6	2.49	< 10	4	0.12	30	0.21	189
R 11295	203	238	25	1.57	< 0.2	345	150	< 0.5	6	0.05	< 0.5	10	69	24	3.99	< 10	1	0.18	40	0.36	386
R 11296	203	238	< 5	1.52	< 0.2	145	130	0.5	2	0.07	< 0.5	8	65	7	3.17	< 10	< 1	0.14	30	0.36	232
R 11297	203	238	< 5	1.52	< 0.2	95	130	< 0.5	< 2	0.07	< 0.5	8	66	9	3.40	< 10	< 1	0.13	30	0.31	306
R 11298	203	238	< 5	1.34	0.2	90	140	< 0.5	2	0.07	< 0.5	9	70	11	2.75	< 10	1	0.13	30	0.33	324
R 11299	203	238	< 5	1.84	< 0.2	60	200	< 0.5	< 2	0.16	< 0.5	10	70	7	3.51	< 10	< 1	0.13	30	0.44	265
R 11300	203	238	< 5	1.55	< 0.2	250	90	0.5	4	0.02	< 0.5	9	56	28	4.61	< 10	< 1	0.16	40	0.42	416
R 11351	203	238	< 5	1.30	0.2	55	190	0.5	< 2	0.26	< 0.5	12	50	31	2.68	< 10	< 1	0.15	30	0.33	673
R 11352	203	238	< 5	1.17	0.2	10	120	< 0.5	< 2	0.13	< 0.5	7	60	6	1.94	< 10	< 1	0.11	30	0.28	193
R 11353	203	238	< 5	1.35	0.4	80	160	0.5	< 2	0.17	< 0.5	..	83	17	2.74	< 10	< 1	0.21	40	0.36	276
R 11354	203	238	< 5	1.50	< 0.2	65	170	< 0.5	< 2	0.30	< 0.5	16	88	32	3.36	< 10	< 1	0.22	50	0.43	418
R 11355	203	238	< 5	0.96	0.4	65	120	0.5	< 2	0.16	< 0.5	24	76	25	2.67	< 10	< 1	0.24	40	0.13	762
R 11356	203	238	< 5	1.95	0.2	165	210	1.0	< 2	0.54	< 0.5	17	82	39	4.04	< 10	< 1	0.30	60	0.57	591
R 11357	203	238	< 5	2.11	< 0.2	110	290	0.5	< 2	0.26	< 0.5	10	80	22	3.51	< 10	< 1	0.27	50	0.47	274
R 11358	203	238	< 5	1.36	< 0.2	130	130	1.0	2	0.97	< 0.5	16	64	27	3.43	< 10	< 1	0.18	50	0.40	632
R 11359	203	238	25	1.48	< 0.2	165	130	1.0	< 2	0.58	< 0.5	18	87	29	3.65	< 10	< 1	0.25	50	0.45	585
R 11360	203	238	< 5	1.37	< 0.2	210	80	1.0	2	0.28	< 0.5	23	120	49	5.09	< 10	< 1	0.18	50	0.39	725
R 11361	203	238	< 5	1.22	< 0.2	80	90	0.5	< 2	0.72	< 0.5	16	77	20	3.03	< 10	1	0.18	50	0.48	574
R 11362	203	238	< 5	1.29	< 0.2	55	130	0.5	2	0.99	< 0.5	11	59	28	2.89	< 10	< 1	0.19	40	0.47	451
R 11363	203	238	< 5	1.16	< 0.2	50	100	0.5	< 2	0.42	< 0.5	12	55	31	2.75	< 10	< 1	0.17	40	0.44	481
R 11364	203	238	< 5	1.35	< 0.2	45	130	< 0.5	2	0.66	< 0.5	11	59	27	2.87	< 10	< 1	0.20	50	0.52	421
R 11365	203	238	< 5	1.86	< 0.2	65	100	1.0	< 2	0.33	< 0.5	19	64	39	3.85	< 10	< 1	0.31	60	0.63	559
R 11366	203	238	< 5	1.56	< 0.2	45	140	0.5	< 2	0.55	< 0.5	11	85	28	3.17	< 10	< 1	0.25	50	0.56	455
R 11367	203	238	< 5	1.68	< 0.2	45	160	0.5	2	1.30	< 0.5	11	51	30	2.79	< 10	1	0.25	40	0.58	529
R 11368	203	238	< 5	1.41	< 0.2	30	170	< 0.5	4	0.85	< 0.5	11	58	18	2.50	< 10	< 1	0.13	40	0.46	438
R 11369	203	238	< 5	1.35	0.6	35	140	< 0.5	< 2	0.48	< 0.5	18	90	9	2.30	< 10	1	0.17	30	0.43	598

CERTIFICATION : B. Caughlin

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1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date : 22-NOV-88
Invoice # : I-8827256
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R 11280	203	238	< 1	0.01	39	600	50	10	3	6	< 0.01	< 10	< 10	19	< 5	75
R 11281	203	238	< 1	0.01	24	560	22	5	2	14	0.01	< 10	< 10	30	< 5	57
R 11282	203	238	1	0.01	20	800	22	5	2	11	0.01	< 10	< 10	50	< 5	61
R 11283	203	238	< 1	0.01	40	490	34	5	2	17	< 0.01	< 10	< 10	22	< 5	80
R 11284	203	238	1	0.01	20	350	14	< 5	2	19	0.03	< 10	< 10	43	< 5	69
R 11285	203	238	< 1	0.01	47	480	38	5	4	15	< 0.01	< 10	< 10	10	< 5	124
R 11286	203	238	< 1	0.01	31	270	46	10	4	24	< 0.01	< 10	< 10	12	< 5	69
R 11287	203	238	< 1	0.01	27	330	62	5	4	18	< 0.01	< 10	< 10	17	< 5	74
R 11288	203	238	1	0.01	16	360	22	5	4	31	0.02	< 10	< 10	41	< 5	77
R 11289	203	238	< 1	0.01	14	440	14	< 5	6	11	0.04	< 10	< 10	45	< 5	71
R 11290	203	238	< 1	0.01	23	430	26	5	2	10	0.02	< 10	< 10	30	< 5	78
R 11291	203	238	1	0.01	12	190	10	< 5	2	10	0.04	< 10	< 10	47	< 5	50
R 11292	203	238	1	0.01	12	280	6	< 5	2	14	0.03	< 10	< 10	52	< 5	52
R 11293	203	238	< 1	0.01	16	400	22	< 5	2	17	0.02	< 10	< 10	45	< 5	82
R 11294	203	238	1	0.01	9	270	14	< 5	2	10	0.06	< 10	< 10	58	< 5	67
R 11295	203	238	1	0.01	25	370	34	5	2	9	0.01	< 10	< 10	35	< 5	75
R 11296	203	238	< 1	0.01	15	340	24	< 5	2	10	0.04	< 10	< 10	55	< 5	84
R 11297	203	238	1	0.01	11	740	18	< 5	3	9	0.03	< 10	< 10	48	< 5	77
R 11298	203	238	1	0.01	14	420	16	5	2	10	0.02	< 10	< 10	50	< 5	67
R 11299	203	238	1	0.01	20	350	14	< 5	3	16	0.04	< 10	< 10	55	< 5	78
R 11300	203	238	< 1	0.01	27	320	18	5	2	5	< 0.01	< 10	< 10	26	< 5	74
R 11351	203	238	< 1	0.02	30	680	22	< 5	1	25	0.01	< 10	< 10	27	< 5	70
R 11352	203	238	< 1	0.01	13	210	12	< 5	1	11	0.04	< 10	< 10	45	< 5	56
R 11353	203	238	< 1	0.01	25	590	16	5	1	18	0.01	< 10	< 10	32	< 5	74
R 11354	203	238	< 1	0.02	30	490	16	10	3	24	0.01	< 10	< 10	27	< 5	79
R 11355	203	238	< 1	0.04	26	520	20	5	1	18	< 0.01	< 10	< 10	27	< 5	64
R 11356	203	238	< 1	0.02	39	550	36	15	4	42	< 0.01	< 10	< 10	31	< 5	107
R 11357	203	238	< 1	0.01	29	220	18	5	3	24	0.01	< 10	< 10	38	< 5	101
R 11358	203	238	< 1	0.01	27	590	34	10	3	52	< 0.01	< 10	< 10	21	5	90
R 11359	203	238	< 1	0.01	30	470	52	10	3	40	< 0.01	< 10	< 10	23	5	87
R 11360	203	238	< 1	0.01	43	500	14	10	3	27	< 0.01	< 10	< 10	20	< 5	101
R 11361	203	238	< 1	0.01	26	290	22	5	2	37	< 0.01	< 10	< 10	19	< 5	79
R 11362	203	238	< 1	0.01	30	570	20	5	2	52	< 0.01	< 10	< 10	20	< 5	83
R 11363	203	238	< 1	0.01	29	550	20	< 5	2	30	< 0.01	< 10	< 10	18	< 5	76
R 11364	203	238	< 1	0.01	24	650	22	5	2	39	< 0.01	< 10	< 10	21	< 5	86
R 11365	203	238	< 1	0.01	39	540	24	5	3	35	< 0.01	< 10	< 10	21	< 5	97
R 11366	203	238	< 1	0.01	29	510	20	5	3	34	< 0.01	< 10	< 10	24	< 5	97
R 11367	203	238	< 1	0.02	26	730	14	5	2	80	0.01	< 10	< 10	25	5	82
R 11368	203	238	< 1	0.01	23	480	10	< 5	3	42	0.03	< 10	< 10	35	< 5	68
R 11369	203	238	< 1	0.01	21	320	14	5	3	30	0.03	< 10	< 10	39	< 5	65

CERTIFICATION : B. Caughlin

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V6B 1L8
Project : HGJV
Comments:

Page 1 : 2-A
Tot. 1 s: 6
Date : 22-NOV-88
Invoice # : I-8827256
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
R 11370	203	238	5	1.48	< 0.2	35	160	< 0.5	4	0.87	< 0.5	11	40	19	2.69	< 10	< 1	0.18	30	0.47	603
R 11371	203	238	< 5	1.61	< 0.2	30	170	< 0.5	2	0.25	< 0.5	16	63	28	3.20	< 10	< 1	0.22	50	0.51	684
R 11372	203	238	< 5	1.50	< 0.2	40	160	< 0.5	2	0.55	< 0.5	15	61	20	2.98	< 10	< 1	0.17	40	0.53	606
R 11373	203	238	10	1.50	< 0.2	65	110	< 0.5	2	0.09	< 0.5	10	85	21	3.06	< 10	< 1	0.28	50	0.54	281
R 11374	203	238	5	1.50	< 0.2	50	130	< 0.5	< 2	0.33	0.5	15	81	35	3.24	< 10	< 1	0.25	60	0.54	453
R 11375	203	238	10	1.54	< 0.2	45	100	< 0.5	2	0.35	< 0.5	15	95	33	3.30	< 10	< 1	0.26	60	0.56	459
R 11376	203	238	5	1.52	< 0.2	45	140	< 0.5	2	0.73	< 0.5	15	110	23	3.04	< 10	< 1	0.24	60	0.56	554
R 11377	203	238	10	1.52	0.2	45	140	< 0.5	2	0.56	< 0.5	15	87	26	2.98	< 10	< 1	0.27	60	0.58	485
R 11378	203	238	15	1.70	< 0.2	40	170	< 0.5	2	0.75	< 0.5	16	100	34	3.27	< 10	< 1	0.26	50	0.60	513
R 11379	203	238	10	1.27	0.2	60	110	< 0.5	2	0.57	< 0.5	11	82	25	2.77	< 10	< 1	0.18	60	0.52	449
R 11380	203	238	35	1.27	< 0.2	45	120	< 0.5	4	0.31	0.5	10	84	21	2.96	< 10	< 1	0.16	60	0.48	455
R 11381	203	238	15	1.60	< 0.2	50	140	< 0.5	2	0.68	< 0.5	16	93	26	3.40	< 10	< 1	0.23	50	0.55	543
R 11382	203	238	15	1.52	< 0.2	80	140	< 0.5	2	0.62	< 0.5	10	125	25	3.10	< 10	< 1	0.23	50	0.54	657
R 11383	203	238	5	1.28	< 0.2	70	130	< 0.5	2	0.97	< 0.5	11	62	22	2.84	< 10	< 1	0.16	40	0.53	524
R 11384	203	238	20	1.38	< 0.2	130	120	< 0.5	4	0.60	< 0.5	14	79	26	3.10	< 10	< 1	0.16	50	0.45	578
R 11385	203	238	20	1.58	< 0.2	135	150	< 0.5	2	0.55	< 0.5	10	71	24	3.30	< 10	< 1	0.21	50	0.41	419
R 11386	203	238	20	1.69	0.2	45	180	< 0.5	< 2	0.45	0.5	10	90	21	3.27	< 10	< 1	0.21	50	0.46	489
R 11387	203	238	15	2.03	0.2	50	260	< 0.5	2	0.23	< 0.5	10	67	15	3.16	< 10	1	0.16	30	0.46	256
R 11388	203	238	15	1.80	0.2	90	190	< 0.5	< 2	0.33	< 0.5	19	75	30	3.33	< 10	< 1	0.20	50	0.41	435
R 11389	203	238	< 5	1.11	0.2	35	120	< 0.5	2	0.09	< 0.5	8	113	10	1.93	< 10	1	0.15	40	0.23	124
R 11390	203	238	10	1.60	< 0.2	40	170	< 0.5	< 2	0.20	< 0.5	10	61	15	2.99	< 10	< 1	0.21	50	0.45	310
R 11460	203	238	< 5	1.92	< 0.2	45	130	< 0.5	2	0.07	< 0.5	8	79	7	3.78	< 10	< 1	0.15	30	0.43	326
R 11461	203	238	15	1.62	< 0.2	270	100	< 0.5	8	0.09	< 0.5	13	78	21	4.78	< 10	< 1	0.16	40	0.41	733
R 11462	203	238	5	1.84	< 0.2	295	130	< 0.5	6	0.11	0.5	12	84	21	5.15	< 10	< 1	0.21	40	0.29	575
R 11463	203	238	< 5	1.71	< 0.2	60	120	< 0.5	< 2	0.06	< 0.5	9	66	14	3.30	< 10	< 1	0.11	30	0.43	318
R 11464	203	238	35	1.47	< 0.2	335	160	< 0.5	6	0.07	1.0	12	71	28	4.55	< 10	< 1	0.17	40	0.33	638
R 11465	203	238	25	1.25	< 0.2	115	150	< 0.5	< 2	0.17	0.5	15	90	23	3.89	< 10	< 1	0.18	40	0.29	713
R 11466	203	238	< 5	1.64	< 0.2	125	110	< 0.5	< 2	0.05	0.5	8	87	15	4.09	< 10	< 1	0.12	30	0.30	338
R 11467	203	238	15	1.66	< 0.2	260	130	< 0.5	2	0.04	0.5	13	70	30	4.38	< 10	< 1	0.17	40	0.35	550
R 11468	203	238	15	1.04	< 0.2	310	60	< 0.5	2	0.02	0.5	7	62	19	5.02	< 10	< 1	0.10	40	0.16	420
S 05001	203	238	< 5	0.92	< 0.2	85	100	< 0.5	< 2	0.09	< 0.5	8	93	36	4.06	< 10	< 1	0.14	50	0.17	581
S 05002	203	238	15	1.24	0.6	80	140	< 0.5	2	0.73	< 0.5	8	86	47	4.21	< 10	< 1	0.16	50	0.21	564
S 05003	203	238	< 5	1.27	0.4	25	160	< 0.5	< 2	1.04	0.5	10	48	29	3.18	< 10	< 1	0.17	40	0.30	347
S 05004	203	238	< 5	1.24	0.4	50	140	< 0.5	2	1.00	< 0.5	10	72	25	3.21	< 10	< 1	0.17	40	0.30	520
S 05005	203	238	5	1.14	0.4	45	140	< 0.5	< 2	1.00	0.5	10	90	23	2.83	< 10	< 1	0.15	40	0.25	644
S 05006	203	238	10	1.05	< 0.2	135	160	< 0.5	< 2	0.09	0.5	22	78	86	5.66	< 10	< 1	0.15	40	0.14	2230
S 05007	203	238	< 5	0.99	1.0	20	150	< 0.5	< 2	0.96	0.5	10	42	21	2.03	< 10	< 1	0.13	30	0.13	467
S 05008	203	238	< 5	0.66	0.4	30	80	< 0.5	< 2	0.08	< 0.5	7	112	14	1.88	< 10	< 1	0.13	40	0.06	215
S 05009	203	238	5	0.58	0.2	5	90	< 0.5	< 2	1.28	< 0.5	5	60	6	1.10	< 10	< 1	0.08	30	0.04	150
S 05010	203	238	< 5	1.10	0.4	30	170	< 0.5	< 2	1.43	< 0.5	11	51	22	2.32	< 10	< 1	0.15	30	0.26	523

CERTIFICATION : B. Cargill

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1016 - 510 W. HASTINGS ST.
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V6B 1L8
Project : HGJV
Comments:

Date :22-NOV-88
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P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R 11370	203	238	< 1	0.02	21	590	16	5	2	52	0.01	< 10	< 10	25	5	66
R 11371	203	238	< 1	0.01	29	690	16	5	2	22	< 0.01	< 10	< 10	23	< 5	77
R 11372	203	238	< 1	0.01	24	450	16	< 5	2	38	0.01	< 10	< 10	26	5	87
R 11373	203	238	< 1	0.01	18	430	14	< 5	2	13	< 0.01	< 10	< 10	25	5	71
R 11374	203	238	< 1	0.01	29	530	30	5	3	26	0.01	< 10	< 10	25	5	82
R 11375	203	238	< 1	0.01	27	550	22	5	2	28	< 0.01	< 10	< 10	21	< 5	83
R 11376	203	238	< 1	0.01	25	580	8	5	2	42	< 0.01	< 10	< 10	22	< 5	95
R 11377	203	238	< 1	0.01	25	590	12	< 5	2	36	< 0.01	< 10	< 10	23	< 5	80
R 11378	203	238	< 1	0.01	27	520	12	5	3	45	0.01	< 10	< 10	27	5	89
R 11379	203	238	< 1	0.01	22	490	10	5	2	35	< 0.01	< 10	< 10	19	< 5	77
R 11380	203	238	< 1	0.01	24	370	16	5	2	25	0.01	< 10	< 10	23	< 5	79
R 11381	203	238	< 1	0.01	28	510	24	5	3	44	0.01	< 10	< 10	25	5	96
R 11382	203	238	< 1	0.01	28	500	8	5	2	43	< 0.01	< 10	< 10	25	< 5	101
R 11383	203	238	< 1	0.01	22	530	14	5	2	63	< 0.01	< 10	< 10	20	5	88
R 11384	203	238	< 1	0.01	27	510	16	5	2	43	0.01	< 10	< 10	28	< 5	95
R 11385	203	238	< 1	0.02	25	490	34	10	3	38	< 0.01	< 10	< 10	22	5	84
R 11386	203	238	< 1	0.01	25	590	22	5	2	37	0.01	< 10	< 10	27	5	90
R 11387	203	238	< 1	0.01	28	490	26	5	3	22	0.02	< 10	< 10	52	5	92
R 11388	203	238	< 1	0.01	37	500	16	5	3	27	0.01	< 10	< 10	31	5	83
R 11389	203	238	< 1	0.01	12	480	12	< 5	1	13	0.01	< 10	< 10	36	5	55
R 11390	203	238	< 1	0.01	20	480	16	5	3	20	0.01	< 10	< 10	30	5	77
R 11460	203	238	< 1	0.01	16	430	14	< 5	3	10	0.05	< 10	< 10	60	10	81
R 11461	203	238	< 1	0.01	21	460	40	5	2	10	0.01	< 10	< 10	28	10	82
R 11462	203	238	< 1	0.01	20	560	46	5	3	12	< 0.01	< 10	< 10	33	[illegible]	91
R 11463	203	238	1	0.01	25	350	18	< 5	3	9	0.03	< 10	< 10	47	5	85
R 11464	203	238	< 1	0.01	25	400	46	5	3	9	< 0.01	< 10	< 10	27	5	82
R 11465	203	238	< 1	0.01	26	680	42	< 5	2	12	0.01	< 10	< 10	28	5	104
R 11466	203	238	1	0.01	17	550	16	< 5	3	8	0.04	< 10	< 10	58	< 5	87
R 11467	203	238	2	0.01	30	480	32	5	2	8	0.01	< 10	< 10	29	5	86
R 11468	203	238	< 1	0.01	14	610	22	5	2	5	0.01	< 10	< 10	33	5	55
S 05001	203	238	1	0.01	18	470	40	10	2	10	0.01	< 10	< 10	38	5	62
S 05002	203	238	< 1	0.01	22	540	74	10	4	51	< 0.01	< 10	< 10	24	5	62
S 05003	203	238	< 1	0.01	24	820	94	5	3	59	0.01	< 10	< 10	28	5	97
S 05004	203	238	< 1	0.01	24	700	80	5	3	53	0.01	< 10	< 10	27	10	91
S 05005	203	238	< 1	0.02	21	620	78	5	4	57	0.01	< 10	< 10	27	10	80
S 05006	203	238	< 1	0.01	29	650	194	25	2	13	< 0.01	< 10	< 10	34	5	97
S 05007	203	238	< 1	0.03	14	390	52	5	2	55	0.01	< 10	< 10	27	5	69
S 05008	203	238	1	0.01	11	290	36	5	1	11	0.01	< 10	< 10	35	5	38
S 05009	203	238	< 1	0.01	6	380	14	< 5	< 1	58	0.02	< 10	< 10	31	5	26
S 05010	203	238	< 1	0.01	21	770	70	10	2	74	0.01	< 10	< 10	26	5	84

CERTIFICATION : B. Caughlin

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Project : HGJV
Comments:

Page N[illegible]
Tot. P[illegible]
Date : 2-AUG-88
Invoice # : I-8819499
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8819499

SAMPLE DESCRIPTION	PREP CODE		Au NAA ppb
R11451	203	--	3
11452	203	--	6
11453	203	--	4
11454	203	--	4
11455	203	--	11
R11456	203	--	10
11457	203	--	9
11458	203	--	2
11476	203	--	< 1
11477	203	--	2
R11478	203	--	4
11479	203	--	2
11480	203	--	< 1
11481	203	--	4

JD-88-1

CERTIFICATION : [signature]

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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8818448

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne
S 00152	208	---	< 0.14
S 00153	208	---	< 0.14
S 00154	208	---	< 0.14
S 00155	208	---	< 0.14
S 00156	208	---	< 0.14
S 00157	208	---	< 0.14
S 00158	208	---	0.14
S 00159	208	---	< 0.14

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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8818449

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne
S 00160	207	---	2.12

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P.O. # :NONE

CERTIFICATE OF ANALYSIS A8819118

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 161	207	--	0.004
S 162	207	--	0.006
S 163	207	--	< 0.002
S 164	207	--	0.008
S 165	207	--	0.006
S 166	207	--	< 0.002
S 167	207	--	0.006
S 168	207	--	0.004
S 169	207	--	0.006
S 170	207	--	0.004
S 171	207	--	0.004
S 172	207	--	< 0.002
S 173	207	--	0.006
S 174	207	--	0.010
S 175	207	--	0.006
S 176	207	--	0.040
S 177	207	--	0.046
S 178	207	--	0.012
S 179	207	--	0.016
S 180	207	--	0.078
S 181	207	--	0.052
S 182	207	--	0.088
S 183	207	--	0.100
S 184	207	--	0.014
S 185	207	--	0.060
S 186	207	--	0.024
S 187	207	--	0.010
S 188	207	--	0.008
S 189	207	--	0.012
S 190	207	--	0.010
S 191	207	--	0.018
S 192	207	--	0.014
S 193	207	--	0.006
S 194	207	--	< 0.002
S 195	207	--	0.006
S 196	207	--	0.006
S 197	207	--	0.012
S 198	207	--	0.010
S 199	207	--	0.008
S 200	207	--	< 0.002

88-24 88-25 88-26

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P.O. # :NONE

CERTIFICATE OF ANALYSIS A8819118

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 251	207	--	< 0.002
S 252	207	--	0.006
S 253	207	--	0.008
S 254	207	--	0.022
S 255	207	--	0.012
S 256	207	--	0.020
S 257	207	--	0.032
S 258	207	--	0.016
S 259	207	--	0.014
S 260	207	--	0.024
S 261	207	--	0.014
S 262	207	--	0.010
S 263	207	--	0.004
S 264	207	--	0.010
S 265	207	--	0.014
S 266	207	--	0.012
S 267	207	--	0.010
S 268	207	--	0.014
S 269	207	--	0.006
S 270	207	--	0.008
S 271	207	--	0.024
S 272	207	--	0.022
S 273	207	--	0.004
S 274	207	--	0.008
S 275	207	--	0.006
S 276	207	--	0.008
S 277	207	--	0.022
S 278	207	--	0.008
S 279	207	--	< 0.002
S 280	207	--	0.010
S 281	207	--	0.006
S 282	207	--	0.006
S 283	207	--	0.014
S 284	207	--	0.006
S 285	207	--	0.004
S 286	207	--	0.014
S 301	207	--	< 0.002
S 302	207	--	0.012
S 303	207	--	< 0.002
S 304	207	--	< 0.002

8A 23
8A-25
8A-27

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Date : 29-JUL-88
Invoice # : I-8819498
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8819498

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 237 88-P-13	207	--	0.060
S 356 88-P-28	207	--	< 0.003
S 357 88-P-28	207	--	< 0.003

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Date :25-JUL-88
Invoice # :I-8819282
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8819282

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
88-25 S0287	207	--	0.006
S0288	207	--	0.012
S00351	207	--	0.006
88-28 S00352	207	--	0.006
S00353	207	--	0.004
S00354	207	--	0.010
S00355	207	--	0.004

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CERTIFICATE OF ANALYSIS A8819118

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 305	207	--	0.004
S 306	207	--	0.008
S 307	207	--	0.012
S 308	207	--	0.008
S 309	207	--	0.010
S 310	207	--	0.006
S 311	207	--	0.008
S 312	207	--	0.008
S 313	207	--	0.014
S 314	207	--	0.012
S 315	207	--	0.004

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CERTIFICATE OF ANALYSIS A8820725

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 316	203	---	50
S 317	203	---	35
S 318	203	---	35
S 319	203	---	35
S 320	203	---	30
S 321	203	---	40
S 322	203	---	40
S 323	203	---	30
S 324	203	---	55
S 336	203	---	5
S 337	203	---	35
S 338	203	---	15
S 339	203	---	70
S 340	203	---	35
S 341	203	---	30
S 449	203	---	40
S 450	203	---	30
S 451	203	---	30
S 452	203	---	25
S 453	203	---	45
S 454	203	---	40
S 455	203	---	40
S 456	203	---	40
S 457	203	---	50
S 458	203	---	45
S 459	203	---	40
S 460	203	---	40
S 461	203	---	60
S 462	203	---	40
S 463	203	---	35
S 464	203	---	40
S 465	203	---	40
S 466	203	---	35
S 467	203	---	70
S 468	203	---	35
S 469	203	---	35
S 470	203	---	35
S 471	203	---	30
S 472	203	---	40
S 473	203	---	40

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88-33
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CERTIFICATE OF ANALYSIS A8820725

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 474	203	--	30
S 475	203	--	25
S 476	203	--	25
S 477	203	--	45
S 478	203	--	25
S 479	203	--	40
S 480	203	--	35
S 481	203	--	30
S 482	203	--	25
S 483	203	--	20
S 484	203	--	25
S 485	203	--	25
S 486	203	--	35
S 487	203	--	35
S 488	203	--	35
S 489	203	--	40
S 490	203	--	35
S 491	203	--	40
S 492	203	--	35
S 493	203	--	30
S 494	203	--	25
S 495	203	--	20
S 496	203	--	20
S 497	203	--	35
S 498	203	--	20
S 499	203	--	25
S 500	203	--	25

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CERTIFICATE OF ANALYSIS A8820633

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S00325	207	--	0.004
S00326	207	--	0.006
S00327	207	--	< 0.003
S00328	207	--	< 0.003
S00432	207	--	0.014
S00433	207	--	0.006
S00434	207	--	< 0.003
S00435	207	--	< 0.003
S00436	207	--	< 0.003
S00437	207	--	< 0.003
S00438	207	--	< 0.003
S00439	207	--	0.006
S00440	207	--	0.006
S00441	207	--	< 0.003
S00442	207	--	0.004
S00446	207	--	0.004
S00447	207	--	< 0.003
S00448	207	--	0.010
S00508	207	--	0.004
S00509	207	--	< 0.003
S00510	207	--	< 0.003
S00511	207	--	< 0.003
S00512	207	--	< 0.003
S00513	207	--	< 0.003
S00514	207	--	0.006
S00515	207	--	0.006
S00516	207	--	< 0.003
S00517	207	--	< 0.003
S00518	207	--	< 0.003
S00519	207	--	0.010
S00520	207	--	0.012
S00521	207	--	0.006
S00522	207	--	0.004
S00551	207	--	0.024
S00552	207	--	0.016
S00553	207	--	0.012
S00554	207	--	0.010
S00555	207	--	0.006
S00556	207	--	0.006
S00557	207	--	0.008

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F 88-28

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T
S00558	207 --	< 0.003
S00560	207 --	< 0.003
S00561	207 --	0.008

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CERTIFICATE OF ANALYSIS A8820724

	SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	
88-33	S 329	207	--	< 0.002	
	S 330	207	--	< 0.002	
	S 331	207	--	< 0.002	
	S 332	207	--	< 0.002	
	S 333	207	--	< 0.002	
	S 334	207	--	< 0.002	
	S 335	207	--	< 0.002	
	S 429	207	--	0.004	
	S 430	207	--	< 0.002	
88-30	S 431	207	--	< 0.002	
	S 443	207	--	0.008	
	S 444	207	--	0.004	
	S 445	207	--	0.004	
	S 501	207	--	< 0.002	
	S 502	207	--	< 0.002	
88-31	S 503	207	--	0.004	
	S 504	207	--	< 0.002	
	S 505	207	--	< 0.002	
	S 506	207	--	0.006	
	S 507	207	--	< 0.002	
88-32	S 562	207	--	< 0.002	
	S 563	207	--	< 0.002	
	S 566	207	--	< 0.002	
	S 567	207	--	< 0.002	
	S 568	207	--	< 0.002	
	S 569	207	--	< 0.002	
	S 601	207	--	< 0.002	
	S 602	207	--	0.004	
	S 603	207	--	0.006	
	S 604	207	--	0.006	
88-23	S 605	207	--	0.008	
	S 606	207	--	0.024	
	S 607	207	--	0.100	
	S 608	207	--	0.056	
	S 609	207	--	0.102	
	S 610	207	--	0.076	
	S 611	207	--	0.046	
	S 612	207	--	0.036	
	S 613	207	--	0.028	
	S 614	207	--	0.038	

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CERTIFICATE OF ANALYSIS A8820335

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S00401	207	--	0.006
S00402	207	--	< 0.003
S00403	207	--	< 0.003
S00404	207	--	0.008
S00405	207	--	0.006
S00406	207	--	0.004
S00407	207	--	0.006
S00408	207	--	0.008
S00409	207	--	0.012
S00410	207	--	< 0.003
S00411	207	--	< 0.003
S00412	207	--	< 0.003
S00413	207	--	< 0.003
S00414	207	--	< 0.003
S00415	207	--	0.016
S00416	207	--	0.004
S00417	207	--	< 0.003
S00418	207	--	< 0.003
S00419	207	--	0.006
S00420	207	--	0.004
S00421	207	--	< 0.003
S00422	207	--	< 0.003
S00423	207	--	0.008
S00424	207	--	0.004
S00425	207	--	0.006
S00426	207	--	< 0.003
S00427	207	--	< 0.003
S00428	207	--	< 0.003

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SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 615	207	--	0.016
S 616	207	--	0.066 *
S 617	207	--	0.014
S 618	207	--	0.014
S 619	207	--	0.016
S 639	207	--	0.004
S 640	207	--	0.004
S 641	207	--	0.014
S 644	207	--	0.204 *

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CERTIFICATE OF ANALYSIS A8821093

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	
S 00523	207	--	< 0.003	
S 00524	207	--	< 0.003	
S 00525	207	--	< 0.003	
S 00526	207	--	< 0.003	
S 00527	207	--	0.004	
S 00528	207	--	< 0.003	
S 00529	207	--	< 0.003	
S 00530	207	--	< 0.003	
S 00531	207	--	< 0.003	
88-31 S 00532	207	--	< 0.003	
S 00533	207	--	< 0.003	
S 00534	207	--	< 0.003	
S 00535	207	--	< 0.003	
S 00536	207	--	< 0.003	
S 00537	207	--	< 0.003	
S 00538	207	--	< 0.003	
S 00539	207	--	< 0.003	
88-32 S 00564	207	--	< 0.003	
S 00565	207	--	< 0.003	
S 00570	207	--	< 0.003	
88-32 S 00571	207	--	0.004	
S 00572	207	--	0.004	
S 00577	207	--	0.004	
S 00578	207	--	0.004	
S 00631	207	--	0.062	*
S 00632	207	--	0.054	*
S 00633	207	--	0.012	
S 00634	207	--	0.002	
S 00635	207	--	0.026	*
88-23 S 00636	207	--	0.012	
S 00637	207	--	0.020	*
S 00638	207	--	< 0.003	
S 00642	207	--	0.004	
S 00643	207	--	< 0.003	
S 00651	207	--	0.004	
S 00652	207	--	0.006	
88-13X S 00653	207	--	< 0.003	
S 00654	207	--	0.004	
S 00655	207	--	0.010	
S 00656	207	--	0.010	*

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SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 00657	207	--	0.008
S 00658	207	--	0.010

13X

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Invoice # :I-8821679
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8821679

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	
88-13X S 540	207	--	0.018	
S 541	207	--	< 0.003	
S 659	207	--	< 0.003	
S 660	207	--	0.006	
S 661	207	--	0.010	
S 662	207	--	0.008	
S 663	207	--	0.006	
S 664	207	--	0.010	
S 665	207	--	0.208	
S 666	207	--	0.024	
S 667	207	--	0.049	
S 668	207	--	0.026	
S 669	207	--	0.107	
S 670	207	--	0.016	
S 671	207	--	0.016	
88-13X S 672	207	--	0.008	
S 673	207	--	0.026	
S 674	207	--	0.006	
S 675	207	--	< 0.003	
S 676	207	--	< 0.003	
S 677	207	--	0.010	
S 678	207	--	0.006	
S 679	207	--	0.048	
S 680	207	--	< 0.003	
S 681	207	--	< 0.003	
S 682	207	--	< 0.003	
S 707	207	--	0.010	
S 708	207	--	< 0.003	
S 709	207	--	< 0.003	
S 710	207	--	< 0.003	
88-29 S 711	207	--	< 0.003	
S 712	207	--	< 0.003	
S 713	207	--	< 0.003	
S 714	207	--	0.012	
S 715	207	--	< 0.003	
S 716	207	--	< 0.003	
S 717	207	--	< 0.003	
S 718	207	--	< 0.003	
S 719	207	--	< 0.003	
S 720	207	--	< 0.003	

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Date : 1-SEP-88
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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822073

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 0737	203	--	15
S 0738	203	--	< 5
S 0739	203	--	25
S 0740	203	--	< 5
S 0741	203	--	< 5
S 0742	203	--	40
S 0743	203	--	80
S 0744	203	--	50
S 0745	203	--	35
S 0746	203	--	35
S 0747	203	--	40

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Invoice # : I-8822072
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822072

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 0733	207	--	< 0.003
S 0734	207	--	< 0.003
S 0735	207	--	< 0.003
S 0736	207	--	< 0.003
S 0751	207	--	< 0.003
S 0752	207	--	0.011
S 0753	207	--	0.039
S 0754	207	--	0.033

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P.O. # :NONE

CERTIFICATE OF ANALYSIS A8821678

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA									
S 358	203	---	15									
S 359	203	---	< 5									
S 360	203	---	< 5									
S 361	203	---	10									
S 362	203	---	5									
S 363	203	---	< 5									
S 364	203	---	75	-								
S 365	203	---	10									
S 366	203	---	25	-								
S 367	203	---	5									
S 368	203	---	< 5									
S 369	203	---	< 5									
S 370	203	---	< 5									
S 371	203	---	< 5									
S 372	203	---	< 5									
S 373	203	---	< 5									
S 374	203	---	< 5									
S 375	203	---	< 5									
S 683	203	---	75	-								
S 684	203	---	110	-								
S 685	203	---	120	-								
S 686	203	---	145	-								
S 687	203	---	135	-								
S 688	203	---	40	-								
S 689	203	---	40	-								
S 690	203	---	70	-								
S 691	203	---	60	-								
S 692	203	---	70	-								
S 693	203	---	10	-								
S 694	203	---	5									
S 695	203	---	< 5									
S 696	203	---	5									
S 697	203	---	< 5									
S 698	203	---	< 5									
S 699	203	---	< 5									
S 700	203	---	< 5									
S 701	203	---	< 5									
S 702	203	---	< 5									
S 703	203	---	35	-								
S 704	203	---	5									

GRID

88-13X

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CERTIFICATE OF ANALYSIS A8821678

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 705	203	--	< 5
S 706	203	--	10
S 869	203	--	< 5
S 870	203	--	< 5
S 871	203	--	< 5
S 872	203	--	< 5
S 873	203	--	< 5
S 874	203	--	< 5
S 875	203	--	< 5
S 876	203	--	< 5
S 877	203	--	< 5
S 878	203	--	< 5
S 879	203	--	< 5
S 880	203	--	< 5
S 881	203	--	< 5
S 882	203	--	< 5
S 883	203	--	< 5
S 884	203	--	< 5
S 885	203	--	< 5
S 886	203	--	< 5
S 887	203	--	< 5
S 888	203	--	< 5
S 889	203	--	< 5
S 890	203	--	< 5
S 891	203	--	< 5
S 892	203	--	< 5
S 893	203	--	< 5
S 894	203	--	< 5
S 895	203	--	< 5

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CERTIFICATE OF ANALYSIS A8821679

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T									
S 721	207	--	< 0.003									
S 722	207	--	< 0.003									
S 723	207	--	0.004									
S 724	207	--	0.008									
S 725	207	--	0.084	*								
S 726	207	--	0.042	*								
S 727	207	--	0.014	*								
S 728	207	--	0.008									
S 729	207	--	0.018	*								
S 730	207	--	0.008									
S 731	207	--	0.010									
S 732	207	--	0.012	✓								

8-29

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CERTIFICATE OF ANALYSIS A8822662

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Ag FA oz/T	Cu %
55501	207	--	0.020	0.04	-----
55502	207	--	0.028	0.01	-----
55503	207	--	< 0.003	< 0.01	-----
55504	207	--	< 0.003	0.01	-----
55505	207	--	0.012	0.18	-----
55506	207	--	< 0.003	0.04	-----
55507	207	--	0.006	0.10	-----
55509	207	--	< 0.003	0.11	-----
55510	207	--	< 0.003	0.08	-----
55511	207	--	< 0.003	0.03	-----
55512	207	--	0.028	0.84	-----
55514	207	--	0.022	0.14	< 0.01
S 755	207	--	0.004	0.03	-----
S 756	207	--	0.004	0.02	-----
S 757	207	--	< 0.003	0.04	-----
S 758	207	--	< 0.003	0.07	-----
S 759	207	--	< 0.003	0.04	-----
S 760	207	--	< 0.003	0.09	-----
S 761	207	--	0.004	0.08	-----
S 762	207	--	< 0.003	0.03	-----
S 763	207	--	< 0.003	0.08	-----
S 764	207	--	< 0.003	0.06	-----
S 765	207	--	< 0.003	0.08	-----
S 766	207	--	< 0.003	0.06	-----

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CERTIFICATE OF ANALYSIS A8821264

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 801	203	--	< 5
S 802	203	--	< 5
S 803	203	--	< 5
S 804	203	--	< 5
S 805	203	--	< 5
S 806	203	--	< 5
S 807	203	--	< 5
S 808	203	--	< 5
S 809	203	--	< 5
S 810	203	--	< 5
S 811	203	--	< 5
S 812	203	--	< 5
S 813	203	--	< 5
S 814	203	--	< 5
S 815	203	--	< 5
S 816	203	--	< 5
S 821	203	--	< 5
S 822	203	--	< 5
S 823	203	--	< 5
S 824	203	--	5
S 825	203	--	< 5
S 826	203	--	< 5
S 827	203	--	< 5
S 828	203	--	< 5
S 829	203	--	< 5
S 830	203	--	5
S 831	203	--	< 5
S 832	203	--	< 5
S 833	203	--	< 5
S 834	203	--	< 5
S 835	203	--	< 5
S 836	203	--	10
S 837	203	--	5
S 838	203	--	< 5
S 839	203	--	< 5
S 840	203	--	< 5
S 841	203	--	5
S 842	203	--	< 5
S 843	203	--	< 5
S 844	203	--	< 5

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CERTIFICATE OF ANALYSIS A8821264

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 845	203	--	< 5
S 846	203	--	< 5
S 847	203	--	< 5
S 848	203	--	< 5
S 849	203	--	< 5
S 850	203	--	< 5
S 851	203	--	< 5
S 852	203	--	10
S 853	203	--	5
S 854	203	--	30
S 855	203	--	5
S 856	203	--	< 5
S 857	203	--	< 5
S 858	203	--	< 5
S 859	203	--	20
S 860	203	--	5
S 861	203	--	< 5
S 862	203	--	< 5
S 863	203	--	< 5
S 864	203	--	< 5
S 865	203	--	15
S 866	203	--	< 5
S 867	203	--	5
S 868	203	--	< 5
S 901	203	--	< 5
S 902	203	--	< 5
S 903	203	--	< 5
S 904	203	--	< 5
S 905	203	--	< 5
S 906	203	--	< 5
S 907	203	--	< 5
S 908	203	--	< 5
S 909	203	--	< 5
S 910	203	--	< 5
S 911	203	--	< 5
S 912	203	--	< 5
S 913	203	--	< 5
S 914	203	--	< 5
S 915	203	--	< 5
S 916	203	--	< 5

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA									
S 917	203	--	< 5									
S 918	203	--	< 5									
S 919	203	--	< 5									
S 920	203	--	< 5									
S 921	203	--	< 5									
S 922	203	--	< 5									
S 923	203	--	< 5									
S 924	203	--	< 5									
S 925	203	--	< 5									
S 926	203	--	< 5									
S 927	203	--	< 5									
S 928	203	--	5									
S 929	203	--	< 5									
S 930	203	--	< 5									
S 931	203	--	< 5									
S 932	203	--	< 5									
S 933	203	--	< 5									
S 934	203	--	< 5									
S 935	203	--	< 5									
S 936	203	--	< 5									
S 937	203	--	< 5									
S 938	203	--	< 5									
S 939	203	--	< 5									
S 940	203	--	80	*								
S 941	203	--	< 5									
S 942	203	--	< 5									
S 943	203	--	< 5									
S 944	203	--	< 5									
S 945	203	--	< 5									
S 946	203	--	< 5									
S 947	203	--	< 5									
S 948	203	--	< 5									
S 949	203	--	< 5									
S 950	203	--	< 5									
S 951	203	--	< 5									
S 952	203	--	< 5									
S 953	203	--	< 5									
S 954	203	--	< 5									
S 955	203	--	< 5									
S 956	203	--	5									

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 957	203	--	< 5
S 958	203	--	< 5
S 959	203	--	< 5
S 960	203	--	< 5
S 961	203	--	< 5
S 962	203	--	< 5
S 963	203	--	< 5
S 964	203	--	< 5
S 965	203	--	< 5
S 966	203	--	5
S 967	203	--	5
S 968	203	--	< 5
S 969	203	--	< 5
S 971	203	--	< 5
S 972	203	--	< 5
S 973	203	--	< 5
S 974	203	--	20
S 975	203	--	< 5
S 976	203	--	< 5
S 977	203	--	10
S 978	203	--	10
S 979	203	--	< 5
S 980	203	--	< 5
S 981	203	--	< 5
S 982	203	--	< 5
S 983	203	--	10
S 984	203	--	15
S 985	203	--	5
S 986	203	--	< 5
S 987	203	--	< 5
S 988	203	--	5
S 989	203	--	< 5
S 990	203	--	< 5
S 991	203	--	5
S 992	203	--	10
S 993	203	--	< 5
S 994	203	--	< 5
S 995	203	--	< 5
S 996	203	--	< 5
S 997	203	--	5

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 998	203	--	< 5
S 999	203	--	< 5

CERTIFICATION : Stewart Bichler

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Date : 25-AUG-88
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CERTIFICATE OF ANALYSIS A8821266

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA									
GRID												
S 970	205	--	< 5									

CERTIFICATION : Thank You

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Project : HGJV
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Date : 22-NOV-88
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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05011	203	238	< 5	1.18	0.4	10	150	< 0.5	6	0.95	0.5	11	102	15	2.53	< 10	1	0.20	40	0.27	524
S 05012	203	238	< 5	1.10	0.4	30	130	< 0.5	2	0.62	< 0.5	10	46	19	2.92	< 10	< 1	0.15	40	0.27	532
S 05013	203	238	< 5	1.06	0.6	55	130	< 0.5	< 2	0.40	< 0.5	14	87	36	3.75	< 10	< 1	0.16	50	0.28	1025
S 05014	203	238	< 5	1.00	0.4	45	120	< 0.5	< 2	0.67	< 0.5	11	66	32	2.78	< 10	< 1	0.15	40	0.25	623
S 05016	203	238	5	1.02	0.2	60	130	< 0.5	< 2	0.77	< 0.5	10	91	25	3.12	< 10	< 1	0.16	40	0.27	562
S 05017	203	238	15	1.21	0.2	70	170	< 0.5	4	2.50	< 0.5	10	52	35	3.49	< 10	< 1	0.24	40	0.26	868
S 05018	203	238	5	1.57	0.2	70	190	< 0.5	< 2	0.09	< 0.5	15	74	24	3.92	< 10	< 1	0.15	30	0.27	467
S 05019	203	238	< 5	1.19	< 0.2	80	140	< 0.5	< 2	0.16	< 0.5	9	63	21	3.80	< 10	< 1	0.12	30	0.18	584
S 05020	203	238	< 5	1.66	< 0.2	40	160	< 0.5	< 2	0.18	< 0.5	9	79	10	3.39	< 10	2	0.14	30	0.26	289
S 05021	203	238	45	1.07	< 0.2	85	120	< 0.5	6	0.60	< 0.5	13	47	34	6.07	< 10	< 1	0.19	30	0.16	3020
S 05022	203	238	15	0.86	< 0.2	65	100	< 0.5	< 2	0.71	< 0.5	10	79	22	3.12	< 10	< 1	0.13	40	0.25	846
S 05023	203	238	15	0.88	0.4	60	110	< 0.5	< 2	0.83	< 0.5	10	41	26	3.07	< 10	< 1	0.11	30	0.27	767
S 05024	203	238	< 5	1.10	0.2	45	150	< 0.5	< 2	1.39	< 0.5	10	54	24	2.96	< 10	1	0.15	30	0.27	772
S 05025	203	238	< 5	1.05	0.2	55	140	< 0.5	< 2	0.82	< 0.5	10	49	23	3.00	< 10	< 1	0.12	30	0.27	516
S 05026	203	238	10	1.18	0.2	35	160	< 0.5	< 2	1.27	0.5	10	43	25	2.97	< 10	< 1	0.14	30	0.28	693
S 05027	203	238	< 5	1.08	0.2	45	130	< 0.5	< 2	1.36	< 0.5	11	37	25	2.78	< 10	< 1	0.11	30	0.27	432
S 05028	203	238	< 5	0.87	0.2	55	130	< 0.5	< 2	0.43	< 0.5	11	58	20	2.86	< 10	< 1	0.12	40	0.23	488
S 05029	203	238	< 5	0.98	0.4	50	160	< 0.5	< 2	0.52	< 0.5	11	33	17	2.76	< 10	< 1	0.13	30	0.25	555
S 05030	203	238	20	1.23	< 0.2	125	180	< 0.5	< 2	1.78	< 0.5	15	99	30	3.69	< 10	< 1	0.21	40	0.24	1060
S 05031	203	238	< 5	0.99	0.2	40	100	< 0.5	< 2	1.19	< 0.5	10	64	22	2.88	< 10	< 1	0.15	40	0.27	519
S 05032	203	238	10	1.22	0.2	70	150	< 0.5	< 2	1.26	< 0.5	10	52	25	3.40	< 10	< 1	0.17	40	0.28	819
S 05033	203	238	10	1.50	0.4	90	240	< 0.5	6	0.55	< 0.5	14	40	32	3.70	< 10	< 1	0.20	40	0.29	794
S 05034	203	238	5	1.24	< 0.2	130	170	< 0.5	2	0.13	< 0.5	10	60	14	2.88	< 10	< 1	0.10	40	0.27	215
S 05035	203	238	15	1.23	0.6	60	190	< 0.5	< 2	0.48	< 0.5	9	44	20	3.57	< 10	< 1	0.14	40	0.19	505
S 05036	203	238	< 5	1.61	< 0.2	30	150	< 0.5	< 2	0.10	< 0.5	8	60	9	3.10	< 10	< 1	0.08	30	0.37	223
S 05037	203	238	< 5	1.78	0.2	20	210	< 0.5	2	0.13	< 0.5	9	53	11	2.96	< 10	< 1	0.08	30	0.40	427
S 05038	203	238	< 5	1.19	0.2	60	130	< 0.5	< 2	0.07	< 0.5	8	52	13	3.19	< 10	< 1	0.09	30	0.18	190
S 05039	203	238	< 5	1.31	< 0.2	20	100	< 0.5	< 2	0.06	< 0.5	7	54	3	2.47	< 10	< 1	0.07	20	0.28	146
S 05040	203	238	15	1.35	0.4	100	160	< 0.5	2	0.34	< 0.5	13	57	30	4.13	< 10	< 1	0.16	40	0.22	699
S 05041	203	238	20	1.20	< 0.2	85	150	< 0.5	< 2	1.48	< 0.5	14	47	34	3.67	< 10	< 1	0.20	40	0.33	654
S 05042	203	238	10	1.16	0.8	80	140	< 0.5	< 2	0.62	< 0.5	14	69	26	3.49	< 10	< 1	0.18	40	0.31	873
S 05043	203	238	15	0.73	0.2	75	100	< 0.5	< 2	1.19	< 0.5	10	54	18	3.16	< 10	< 1	0.09	30	0.15	1050
S 05045	203	238	10	0.99	< 0.2	40	130	< 0.5	< 2	1.40	< 0.5	10	45	17	2.79	< 10	< 1	0.08	30	0.22	922
S 05046	203	238	25	0.77	0.8	55	110	< 0.5	< 2	2.74	0.5	14	35	20	3.45	< 10	< 1	0.11	20	0.12	992
S 05047	203	238	5	1.04	0.2	45	170	< 0.5	2	0.59	0.5	10	72	27	2.95	< 10	< 1	0.18	40	0.26	716
S 05048	203	238	< 5	1.14	0.4	75	150	< 0.5	< 2	0.56	0.5	14	42	32	3.58	< 10	1	0.19	40	0.31	578
S 05049	203	238	25	2.09	< 0.2	105	230	< 0.5	< 2	0.52	0.5	19	53	25	4.77	< 10	< 1	0.14	30	0.21	768
S 05050	203	238	< 5	0.81	< 0.2	190	80	< 0.5	< 2	0.02	< 0.5		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	0.14	110
S 05051	203	238	< 5	1.20	< 0.2	105	100	< 0.5	2	0.04	< 0.5	6	93	8	3.81	< 10	< 1	0.12	30	0.19	196
S 05052	203	238	< 5	0.74	< 0.2	60	60	< 0.5	< 2	0.02	< 0.5	7	53	9	2.17	< 10	< 1	0.08	30	0.13	172

CERTIFICATION : B. Caplan

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1016 - 510 W. HASTINGS ST.
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SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05011	203	238	< 1	0.02	18	630	70	< 5	2	54	0.01	< 10	< 10	29	5	91
S 05012	203	238	< 1	0.01	20	650	84	5	3	38	0.01	< 10	< 10	27	10	81
S 05013	203	238	< 1	0.01	27	560	84	10	3	27	0.01	< 10	< 10	24	10	86
S 05014	203	238	< 1	0.01	21	570	72	5	2	34	0.01	< 10	< 10	20	5	75
S 05016	203	238	< 1	0.01	25	640	112	5	2	47	< 0.01	< 10	< 10	19	10	85
S 05017	203	238	< 1	0.01	29	530	106	15	3	94	< 0.01	< 10	< 10	21	10	72
S 05018	203	238	1	0.01	35	400	44	5	2	12	0.01	< 10	< 10	27	10	75
S 05019	203	238	< 1	0.01	23	350	50	5	3	17	< 0.01	< 10	< 10	23	10	60
S 05020	203	238	1	0.01	18	210	28	< 5	2	16	0.02	< 10	< 10	42	10	58
S 05021	203	238	< 1	0.01	26	400	46	10	4	42	< 0.01	< 10	< 10	17	15	51
S 05022	203	238	< 1	0.01	21	550	106	< 5	2	42	< 0.01	< 10	< 10	16	5	78
S 05023	203	238	< 1	0.01	23	600	116	5	2	48	< 0.01	< 10	< 10	17	< 5	77
S 05024	203	238	< 1	0.01	21	740	96	5	3	77	< 0.01	< 10	< 10	20	10	98
S 05025	203	238	< 1	0.01	23	640	76	5	2	50	< 0.01	< 10	< 10	18	5	93
S 05026	203	238	< 1	0.01	24	820	80	5	3	78	< 0.01	< 10	< 10	21	5	91
S 05027	203	238	< 1	0.01	23	780	90	5	2	69	< 0.01	< 10	< 10	19	10	92
S 05028	203	238	< 1	0.01	23	570	86	5	2	35	< 0.01	< 10	< 10	16	5	64
S 05029	203	238	< 1	0.01	17	670	92	5	2	35	< 0.01	< 10	< 10	19	10	65
S 05030	203	238	< 1	0.01	25	570	112	10	3	94	< 0.01	< 10	< 10	28	10	86
S 05031	203	238	< 1	0.01	22	570	74	5	2	61	0.01	< 10	< 10	17	5	76
S 05032	203	238	< 1	0.01	23	540	40	5	3	63	0.01	< 10	< 10	23	10	74
S 05033	203	238	< 1	0.01	32	340	110	5	3	39	< 0.01	< 10	< 10	24	5	87
S 05034	203	238	1	0.01	25	270	30	< 5	2	14	0.01	< 10	< 10	28	5	59
S 05035	203	238	< 1	0.01	23	490	72	10	3	33	< 0.01	< 10	< 10	19	5	69
S 05036	203	238	1	0.01	18	260	28	< 5	2	11	0.02	< 10	< 10	44	< 5	60
S 05037	203	238	1	0.01	18	300	12	< 5	3	12	0.05	< 10	< 10	51	5	113
S 05038	203	238	1	0.01	18	250	26	< 5	2	8	0.01	< 10	< 10	34	5	59
S 05039	203	238	2	0.01	10	210	14	< 5	2	8	0.04	< 10	< 10	48	5	54
S 05040	203	238	< 1	0.01	28	420	82	10	4	29	< 0.01	< 10	< 10	20	10	70
S 05041	203	238	< 1	0.01	27	440	68	10	3	58	< 0.01	< 10	< 10	20	10	79
S 05042	203	238	< 1	0.01	28	560	82	10	2	35	< 0.01	< 10	< 10	17	5	76
S 05043	203	238	< 1	0.01	22	560	74	5	3	60	0.01	< 10	< 10	15	5	73
S 05045	203	238	< 1	0.01	20	670	54	5	2	64	0.01	< 10	< 10	21	5	67
S 05046	203	238	< 1	0.01	27	830	228	5	4	142	< 0.01	< 10	< 10	15	5	101
S 05047	203	238	< 1	0.01	27	440	42	5	2	29	< 0.01	< 10	< 10	17	5	71
S 05048	203	238	< 1	0.01	30	390	94	15	3	27	< 0.01	< 10	< 10	19	5	76
S 05049	203	238	1	0.01	48	430	98	10	4	37	< 0.01	< 10	< 10	26	5	67
S 05050	203	238	< 1	0.01	10	240	26	< 5	1	6	0.01	< 10	< 10	13	< 5	37
S 05051	203	238	1	0.01	15	360	20	5	1	6	< 0.01	< 10	< 10	28	5	75
S 05052	203	238	1	0.01	12	440	18	< 5	1	5	0.01	< 10	< 10	45	< 5	45

CERTIFICATION : B. Caughlin

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CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05053	203	238	1	0.01	18	390	74	< 5	1	10	0.01	< 10	< 10	33	5	77
S 05054	203	238	1	0.01	15	330	28	< 5	2	11	0.03	< 10	< 10	44	< 5	67
S 05055	203	238	< 1	0.01	18	790	24	< 5	1	75	0.01	< 10	< 10	29	5	59
S 05056	203	238	< 1	0.01	6	330	16	< 5	1	62	0.01	< 10	< 10	24	< 5	36
S 05057	203	238	< 1	0.01	36	260	32	10	5	10	< 0.01	< 10	< 10	9	10	88
S 05058	203	238	1	0.01	11	450	20	< 5	1	8	0.01	< 10	< 10	42	< 5	47
S 05059	203	238	< 1	0.01	18	340	22	< 5	1	7	< 0.01	< 10	< 10	29	< 5	69
S 05060	203	238	1	0.01	14	260	22	5	1	7	< 0.01	< 10	< 10	28	< 5	48
S 05061	203	238	1	0.01	22	240	40	5	2	13	< 0.01	< 10	< 10	20	5	61
S 05062	203	238	< 1	0.01	20	400	46	5	1	18	< 0.01	< 10	< 10	20	5	67
S 05063	203	238	< 1	0.01	22	480	66	5	2	21	< 0.01	< 10	< 10	17	10	77
S 05064	203	238	< 1	0.01	19	330	56	10	1	12	< 0.01	< 10	< 10	17	5	62
S 05065	203	238	< 1	0.01	27	250	28	5	2	11	< 0.01	< 10	< 10	16	5	57
S 05066	203	238	< 1	0.01	13	370	40	10	2	7	0.01	< 10	< 10	34	10	63
S 05067	203	238	< 1	0.01	22	380	40	5	2	6	< 0.01	< 10	< 10	26	5	72
S 05068	203	238	< 1	0.01	20	390	26	5	2	7	0.01	< 10	< 10	33	5	66
S 05069	203	238	< 1	0.01	21	380	40	10	2	6	< 0.01	< 10	< 10	21	10	78
S 05070	203	238	1	0.01	19	510	30	5	2	7	0.01	< 10	< 10	33	10	79
S 05071	203	238	2	0.01	22	390	52	< 5	1	7	0.01	< 10	< 10	23	5	72
S 05072	203	238	1	0.01	21	340	62	5	1	5	0.01	< 10	< 10	27	5	68
S 05073	203	238	< 1	0.01	19	400	50	5	1	7	0.01	< 10	< 10	29	5	56
S 05074	203	238	1	0.01	11	360	10	5	1	7	0.02	< 10	< 10	40	< 5	30
S 05075	203	238	1	0.01	13	640	20	< 5	1	7	0.01	< 10	< 10	33	5	40
S 05076	203	238	2	0.01	10	270	36	< 5	2	9	0.07	< 10	< 10	48	5	[illegible]
S 05077	203	238	1	0.01	22	460	52	5	2	7	< 0.01	< 10	< 10	27	10	67
S 05078	203	238	1	0.01	11	410	24	< 5	1	7	0.02	< 10	< 10	40	5	39
S 05079	203	238	1	0.01	15	590	18	< 5	2	6	0.02	< 10	< 10	52	< 5	48
S 05080	203	238	< 1	0.01	13	380	12	< 5	2	8	0.04	< 10	< 10	54	5	47
S 05081	203	238	< 1	0.01	21	300	48	5	1	9	< 0.01	< 10	< 10	21	5	53
S 05082	203	238	1	0.01	16	310	24	< 5	2	8	0.05	< 10	< 10	45	5	64
S 05083	203	238	1	0.01	16	540	18	5	1	5	0.02	< 10	< 10	33	5	50
S 05084	203	238	2	0.01	12	780	60	5	2	10	0.02	< 10	< 10	47	< 5	51
S 05085	203	238	< 1	0.01	19	380	34	5	2	7	0.02	< 10	< 10	38	5	65
S 05086	203	238	< 1	0.01	9	310	30	< 5	2	7	0.03	< 10	< 10	44	5	44
S 05087	203	238	1	0.01	21	420	42	5	1	7	< 0.01	< 10	< 10	29	5	70
S 05088	203	238	1	0.01	16	320	8	5	2	6	0.03	< 10	< 10	41	< 5	56
S 05089	203	238	< 1	0.01	17	370	38	< 5	1	7	< 0.01	< 10	< 10	21	5	59
S 05090	203	238	< 1	0.01	15	360	42	< 5	2	7	< 0.01	< 10	< 10	30	< 5	62
S 05091	203	238	< 1	0.01	27	570	190	10	2	13	< 0.01	< 10	< 10	20	5	81
S 05092	203	238	< 1	0.01	20	360	56	5	2	9	< 0.01	< 10	< 10	25	< 5	68

CERTIFICATION : B. Caughlin

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05053	203	238	< 5	1.31	< 0.2	65	130	< 0.5	4	0.09	< 0.5	10	82	9	3.23	< 10	< 1	0.10	30	0.27	358
S 05054	203	238	< 5	1.37	< 0.2	65	130	< 0.5	2	0.09	< 0.5	7	69	5	3.03	< 10	< 1	0.10	20	0.28	220
S 05055	203	238	< 5	1.12	0.2	40	190	< 0.5	4	1.38	0.5	10	59	19	2.66	< 10	3	0.11	20	0.21	1805
S 05056	203	238	5	0.85	0.2	15	160	< 0.5	< 2	1.12	< 0.5	6	43	10	1.53	< 10	< 1	0.06	30	0.07	239
S 05057	203	238	105	0.80	< 0.2	150	90	< 0.5	14	0.09	0.5	16	59	72	8.47	< 10	< 1	0.10	20	0.08	3180
S 05058	203	238	5	1.04	< 0.2	145	100	< 0.5	4	0.04	< 0.5	6	65	5	2.50	< 10	< 1	0.11	30	0.19	138
S 05059	203	238	< 5	1.38	< 0.2	80	130	< 0.5	< 2	0.02	< 0.5	8	87	10	3.57	< 10	< 1	0.16	40	0.23	163
S 05060	203	238	< 5	1.08	< 0.2	110	100	< 0.5	< 2	0.06	< 0.5	8	64	9	3.04	< 10	< 1	0.13	40	0.19	125
S 05061	203	238	< 5	1.15	0.4	75	150	< 0.5	< 2	0.16	< 0.5	10	76	19	2.90	< 10	< 1	0.23	50	0.28	285
S 05062	203	238	< 5	1.02	< 0.2	70	140	< 0.5	2	0.31	< 0.5	10	43	18	3.35	< 10	< 1	0.16	40	0.23	481
S 05063	203	238	< 5	1.10	< 0.2	50	130	< 0.5	< 2	0.34	< 0.5	11	59	17	2.87	< 10	3	0.21	40	0.29	452
S 05064	203	238	< 5	1.06	0.2	70	160	< 0.5	2	0.16	< 0.5	9	50	17	2.83	< 10	< 1	0.18	40	0.24	299
S 05065	203	238	< 5	1.28	0.2	55	130	< 0.5	2	0.09	< 0.5	10	73	22	3.23	< 10	< 1	0.24	40	0.30	230
S 05066	203	238	< 5	1.35	0.2	120	100	< 0.5	2	0.02	< 0.5	8	53	9	4.09	< 10	< 1	0.13	30	0.26	194
S 05067	203	238	10	1.60	0.6	110	150	< 0.5	4	0.02	< 0.5	9	84	16	3.28	< 10	< 1	0.17	40	0.30	163
S 05068	203	238	< 5	1.81	1.0	80	130	< 0.5	< 2	0.02	< 0.5	9	74	11	3.39	< 10	1	0.17	40	0.32	191
S 05069	203	238	< 5	1.39	< 0.2	120	120	< 0.5	< 2	0.01	< 0.5	10	76	19	3.56	< 10	< 1	0.23	40	0.26	202
S 05070	203	238	< 5	1.60	0.2	70	150	< 0.5	< 2	0.04	< 0.5	8	67	12	2.88	< 10	< 1	0.15	30	0.31	177
S 05071	203	238	< 5	1.25	0.2	95	120	< 0.5	8	0.03	0.5	8	84	18	2.83	< 10	< 1	0.16	40	0.25	192
S 05072	203	238	< 5	1.29	< 0.2	75	110	< 0.5	6	0.02	< 0.5	8	65	12	3.55	< 10	< 1	0.13	30	0.25	177
S 05073	203	238	< 5	1.27	0.2	90	100	< 0.5	2	0.04	< 0.5	8	72	9	2.64	< 10	< 1	0.12	40	0.25	186
S 05074	203	238	< 5	1.03	0.4	35	90	< 0.5	4	0.04	< 0.5	5	75	4	1.63	< 10	< 1	0.11	30	0.15	97
S 05075	203	238	< 5	0.77	0.6	125	70	< 0.5	4	0.02	< 0.5	6	109	8	2.51	< 10	3	0.12	60	0.14	124
S 05076	203	238	< 5	1.39	0.2	35	100	< 0.5	4	0.07	< 0.5	4	72	2	2.34	< 10	< 1	0.11	30	0.22	144
S 05077	203	238	< 5	1.57	0.4	155	150	< 0.5	6	0.01	< 0.5	9	89	12	3.42	< 10	< 1	0.22	40	0.26	192
S 05078	203	238	< 5	0.86	0.4	60	90	< 0.5	2	0.03	< 0.5	6	84	6	1.93	< 10	1	0.12	40	0.16	122
S 05079	203	238	< 5	1.26	0.4	70	90	< 0.5	< 2	0.02	< 0.5	7	110	5	3.21	< 10	< 1	0.15	40	0.24	221
S 05080	203	238	< 5	1.25	0.2	45	110	< 0.5	2	0.05	< 0.5	6	83	3	2.67	< 10	< 1	0.12	30	0.25	165
S 05081	203	238	< 5	1.26	0.2	105	130	< 0.5	4	0.05	< 0.5	8	88	19	3.25	< 10	< 1	0.20	50	0.22	176
S 05082	203	238	5	1.61	0.2	25	110	< 0.5	2	0.06	< 0.5	7	60	3	3.20	< 10	< 1	0.11	30	0.36	166
S 05083	203	238	< 5	1.15	0.2	90	90	< 0.5	< 2	0.02	< 0.5	7	74	9	3.48	< 10	3	0.15	50	0.18	165
S 05084	203	238	< 5	1.02	0.4	115	110	< 0.5	4	0.03	< 0.5	6	67	9	3.21	< 10	< 1	0.16	30	0.16	158
S 05085	203	238	< 5	1.43	0.2	60	120	< 0.5	4	0.04	< 0.5	8	71	9	3.23	< 10	< 1	0.14	30	0.33	242
S 05086	203	238	< 5	1.41	0.4	50	110	< 0.5	< 2	0.04	< 0.5	6	72	5	2.69	< 10	< 1	0.12	30	0.23	166
S 05087	203	238	5	1.15	0.4	135	120	< 0.5	< 2	0.03	< 0.5	8	66	13	2.99	< 10	< 1	0.12	30	0.27	191
S 05088	203	238	< 5	1.39	< 0.2	20	90	< 0.5	< 2	0.04	< 0.5	7	49	4	3.06	< 10	< 1	0.06	20	0.36	215
S 05089	203	238	< 5	0.98	< 0.2	70	100	< 0.5	< 2	0.04	< 0.5	9	89	14	2.55	< 10	< 1	0.13	40	0.26	233
S 05090	203	238	< 5	1.21	0.2	80	150	< 0.5	< 2	0.02	< 0.5	8	66	16	2.88	< 10	< 1	0.18	40	0.22	157
S 05091	203	238	5	1.07	1.2	100	150	< 0.5	< 2	0.13	< 0.5	14	69	22	3.15	< 10	< 1	0.20	50	0.26	586
S 05092	203	238	< 5	1.20	< 0.2	115	140	< 0.5	2	0.04	< 0.5	9	64	15	2.83	< 10	< 1	0.17	50	0.29	261

CERTIFICATION : B. Cargl

Chemex Labs Ltd.
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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
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Project : HGJV
Comments:

Page ? :5-A
Tot. ? :6
Date :22-NOV-88
Invoice # :I-8827256
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05093	203	238	< 5	0.78	0.4	85	70	< 0.5	< 2	0.02	< 0.5	2	26	10	1.91	10	< 1	0.10	40	0.14	119
S 05094	203	238	< 5	1.03	1.0	80	80	< 0.5	< 2	0.02	< 0.5	6	24	17	3.30	10	< 1	0.13	40	0.21	194
S 05095	203	238	< 5	0.62	0.2	80	50	< 0.5	2	0.01	< 0.5	2	28	7	1.57	10	< 1	0.10	40	0.08	78
S 05096	203	238	5	0.81	0.8	120	70	< 0.5	< 2	0.03	< 0.5	4	31	16	2.72	< 10	< 1	0.15	40	0.19	160
S 05097	203	238	< 5	1.73	0.8	60	130	0.5	< 2	0.05	< 0.5	4	33	10	3.22	< 10	< 1	0.15	20	0.36	227
S 05098	203	238	5	1.51	0.4	30	100	< 0.5	< 2	0.07	< 0.5	3	34	5	3.05	10	< 1	0.12	30	0.36	152
S 05099	203	238	< 5	1.52	0.4	45	90	< 0.5	2	0.03	< 0.5	4	27	6	3.34	10	< 1	0.12	30	0.30	198
S 05100	203	238	< 5	0.69	0.2	55	50	< 0.5	< 2	0.01	< 0.5	3	46	6	1.69	10	< 1	0.12	40	0.12	129
S 05101	203	238	< 5	1.12	0.6	75	80	< 0.5	2	0.01	< 0.5	4	24	15	3.26	10	< 1	0.11	40	0.19	165
S 05102	203	238	< 5	0.85	0.2	75	90	< 0.5	2	0.03	< 0.5	5	32	11	2.91	< 10	< 1	0.11	30	0.16	244
S 05103	203	238	< 5	0.91	0.2	70	90	< 0.5	< 2	0.03	< 0.5	4	45	14	2.59	< 10	< 1	0.12	30	0.19	179
S 05104	203	238	10	0.74	0.6	85	80	< 0.5	< 2	0.05	< 0.5	4	51	14	2.58	< 10	< 1	0.12	30	0.17	218
S 05105	203	238	< 5	1.02	2.0	105	130	< 0.5	< 2	0.05	< 0.5	5	35	17	2.94	< 10	< 1	0.17	30	0.18	177
S 05106	203	238	< 5	0.81	0.6	90	110	0.5	2	0.11	< 0.5	6	43	14	2.74	< 10	< 1	0.13	30	0.20	290
S 05107	203	238	< 5	0.87	1.0	75	90	< 0.5	< 2	0.09	0.5	10	42	23	3.08	< 10	< 1	0.14	40	0.22	458
S 05108	203	238	10	0.93	1.2	90	130	< 0.5	< 2	0.15	< 0.5	10	49	20	2.89	< 10	< 1	0.15	40	0.23	556
S 05111	203	238	< 5	1.41	1.2	60	200	< 0.5	< 2	0.77	< 0.5	9	29	21	2.89	10	< 1	0.21	30	0.37	581
S 05112	203	238	5	1.43	1.4	80	200	< 0.5	< 2	0.84	< 0.5	8	29	22	3.06	10	< 1	0.20	30	0.35	644
S 05113	203	238	5	1.49	0.8	70	290	< 0.5	< 2	0.14	0.5	6	53	17	2.92	10	< 1	0.17	20	0.19	397
S 05114	203	238	< 5	1.12	0.2	115	100	< 0.5	2	0.03	< 0.5	5	41	19	3.26	10	< 1	0.13	30	0.27	197
S 05115	203	238	10	0.71	1.2	120	90	< 0.5	< 2	0.06	< 0.5	9	21	27	4.02	10	< 1	0.11	30	0.12	487
S 05116	203	238	< 5	1.19	0.4	15	230	< 0.5	< 2	0.21	< 0.5	5	31	5	1.91	10	< 1	0.06	20	0.25	277
S 05117	203	238	< 5	1.34	0.2	75	190	< 0.5	< 2	0.09	< 0.5	9	31	16	2.95	10	< 1	0.17	40	0.34	469
S 05118	203	238	< 5	1.42	0.2	5	170	< 0.5	< 2	0.05	0.5	[illegible]	42	3	2.20	10	< 1	0.06	20	0.29	188
S 05119	203	238	< 5	1.36	0.2	15	270	< 0.5	2	0.06	0.5	3	64	8	2.88	10	< 1	0.10	20	0.45	176
S 05120	203	238	< 5	1.89	0.2	5	570	< 0.5	< 2	0.19	1.0	7	63	15	3.29	10	< 1	0.10	20	0.60	192
S 05121	203	238	< 5	1.66	0.4	10	840	< 0.5	2	0.23	1.0	11	46	24	2.53	10	< 1	0.09	20	0.62	316
S 05122	203	238	< 5	1.02	0.2	5	560	< 0.5	< 2	0.13	4.0	6	59	19	2.24	< 10	< 1	0.06	10	0.39	211
S 05123	203	238	< 5	0.99	0.4	5	890	< 0.5	< 2	0.70	3.0	5	38	27	1.93	< 10	< 1	0.08	20	0.40	303
S 05201	203	238	< 5	0.77	0.4	80	70	< 0.5	< 2	0.08	< 0.5	2	42	7	3.36	10	< 1	0.14	40	0.11	155
S 05202	203	238	< 5	0.41	2.6	110	40	< 0.5	< 2	0.15	< 0.5	2	53	11	2.75	< 10	< 1	0.04	10	0.05	209
S 05203	203	238	< 5	1.27	0.2	15	110	< 0.5	< 2	0.06	< 0.5	3	49	2	2.35	< 10	< 1	0.05	20	0.20	211
S 05204	203	238	< 5	1.07	0.4	40	60	< 0.5	< 2	0.04	< 0.5	3	37	7	3.75	< 10	< 1	0.07	20	0.17	218
S 05205	203	238	< 5	1.04	0.6	25	100	< 0.5	< 2	0.07	< 0.5	4	43	8	2.89	< 10	< 1	0.07	20	0.28	181
S 05206	203	238	< 5	1.03	0.2	35	80	< 0.5	< 2	0.06	< 0.5	4	53	7	3.10	< 10	< 1	0.08	20	0.25	381
S 05207	203	238	< 5	1.01	0.2	685	110	< 0.5	< 2	0.14	< 0.5	8	42	7	3.31	10	< 1	0.08	20	0.18	657
S 05208	203	238	5	1.22	0.2	50	110	< 0.5	< 2	0.08	< 0.5	3	37	14	3.09	< 10	< 1	0.07	20	0.30	290
S 05209	203	238	10	1.01	0.2	95	70	< 0.5	< 2	0.05	< 0.5	3	47	18	3.79	< 10	< 1	0.08	30	0.16	320
S 05210	203	238	< 5	0.98	0.4	90	90	0.5	< 2	0.13	< 0.5	4	41	14	4 [illegible]	< 10	< 1	0.09	30	0.24	718
S 05211	203	238	< 5	1.36	0.2	25	160	0.5	< 2	0.21	< 0.5	5	43	5	2.46	< 10	< 1	0.07	20	0.37	309

CERTIFICATION : B. Caughlin

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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
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Project : HGJV
Comments:

Date : 22-NOV-88
Invoice # : I-8827256
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05093	203	238	< 1	< 0.01	8	270	28	5	1	4	0.01	< 10	< 10	24	< 5	37
S 05094	203	238	< 1	< 0.01	17	350	72	15	1	5	< 0.01	< 10	< 10	16	< 5	69
S 05095	203	238	1	< 0.01	6	270	32	5	1	4	< 0.01	< 10	< 10	19	< 5	25
S 05096	203	238	1	< 0.01	14	380	74	20	1	5	< 0.01	< 10	< 10	15	< 5	57
S 05097	203	238	1	0.01	13	300	58	5	2	8	0.04	< 10	< 10	41	< 5	67
S 05098	203	238	2	0.01	10	390	60	< 5	2	7	0.03	< 10	< 10	40	< 5	54
S 05099	203	238	1	< 0.01	14	270	46	5	1	5	0.02	< 10	< 10	27	< 5	62
S 05100	203	238	2	0.01	5	360	24	5	1	3	< 0.01	10	< 10	23	< 5	33
S 05101	203	238	1	< 0.01	15	350	46	10	1	3	< 0.01	< 10	< 10	16	< 5	55
S 05102	203	238	1	< 0.01	13	490	50	5	1	4	< 0.01	< 10	< 10	85	< 5	55
S 05103	203	238	1	< 0.01	11	320	48	5	1	5	< 0.01	< 10	< 10	19	< 5	57
S 05104	203	238	< 1	0.01	12	370	66	10	1	6	< 0.01	< 10	< 10	12	< 5	60
S 05105	203	238	1	0.01	15	500	110	10	1	7	< 0.01	< 10	< 10	16	< 5	67
S 05106	203	238	1	0.01	16	350	70	10	1	9	< 0.01	< 10	< 10	14	< 5	66
S 05107	203	238	1	0.01	20	490	132	10	2	9	< 0.01	< 10	< 10	13	< 5	87
S 05108	203	238	1	0.01	18	480	120	10	2	12	< 0.01	< 10	< 10	14	< 5	78
S 05111	203	238	1	0.01	21	640	70	5	2	37	< 0.01	10	< 10	20	< 5	107
S 05112	203	238	1	0.01	23	730	70	5	2	41	< 0.01	10	< 10	21	< 5	125
S 05113	203	238	1	0.01	14	540	98	5	2	14	0.01	< 10	< 10	35	< 5	88
S 05114	203	238	1	0.01	17	330	44	5	1	6	< 0.01	< 10	< 10	20	< 5	68
S 05115	203	238	< 1	< 0.01	22	430	146	20	3	4	< 0.01	< 10	< 10	7	< 5	78
S 05116	203	238	1	0.01	11	430	42	< 5	1	14	0.02	< 10	< 10	36	< 5	61
S 05117	203	238	1	0.01	17	440	76	5	2	9	0.01	< 10	< 10	24	< 5	86
S 05118	203	238	2	0.01	10	280	10	< 5	2	6	0.05	< 10	< 10	52	< 5	111
S 05119	203	238	9	< 0.01	21	550	12	< 5	1	7	0.03	< 10	< 10	271	< 5	206
S 05120	203	238	6	0.01	35	250	22	< 5	2	16	0.03	< 10	< 10	105	< 5	301
S 05121	203	238	9	< 0.01	53	450	22	5	3	20	0.01	< 10	< 10	129	< 5	329
S 05122	203	238	5	0.01	31	420	14	< 5	1	13	0.02	< 10	< 10	141	< 5	405
S 05123	203	238	6	< 0.01	34	480	16	< 5	1	40	0.01	< 10	< 10	115	< 5	300
S 05201	203	238	< 1	0.01	10	420	160	25	1	7	< 0.01	< 10	< 10	17	< 5	85
S 05202	203	238	< 1	< 0.01	7	280	342	15	1	7	< 0.01	< 10	< 10	5	< 5	31
S 05203	203	238	1	< 0.01	7	160	48	< 5	1	6	0.03	10	< 10	38	< 5	54
S 05204	203	238	1	< 0.01	12	530	38	5	1	4	0.02	< 10	< 10	33	< 5	54
S 05205	203	238	1	0.01	18	250	32	< 5	1	7	0.02	< 10	< 10	35	< 5	68
S 05206	203	238	1	0.01	12	300	24	5	1	6	0.02	< 10	< 10	35	< 5	[illegible]
S 05207	203	238	1	0.01	11	440	62	5	1	13	0.01	< 10	< 10	21	< 5	95
S 05208	203	238	1	< 0.01	21	340	18	< 5	1	8	0.01	< 10	< 10	[illegible]	[illegible]	77
S 05209	203	238	1	0.01	12	190	24	5	1	6	0.01	< 10	< 10	35	< 5	51
S 05210	203	238	2	0.01	11	310	46	5	1	11	< 0.01	20	< 10	14	< 5	69
S 05211	203	238	< 1	0.01	12	430	18	< 5	2	14	0.03	20	< 10	[illegible]	< 5	64

CERTIFICATION : B. Cargill

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ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
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Y1A 3S9
Project : HGJV
Comments:

Page No. : 1
Tot. : 3
Date : 13-SEP-88
Invoice # : I-8822846
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822846

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 00376	203	217	5
S 00377	203	217	< 5
S 00378	203	217	20
S 00379	203	217	< 5
S 00380	203	217	< 5
S 00381	203	217	10
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S 00385	203	217	< 5
S 00386	203	217	70
S 00387	203	217	5
S 00388	203	217	< 5
S 00389	203	217	< 5
S 05125	203	217	< 5
S 05126	203	217	< 5
S 05127	203	217	25
S 05128	203	217	10
S 05129	203	217	< 5
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S 05132	203	217	< 5
S 05133	203	217	< 5
S 05134	203	217	< 5
S 05135	203	217	< 5
S 05136	203	217	10
S 05137	203	217	90
S 05138	203	217	< 5
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S 05140	203	217	40
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S 05142	203	217	< 5
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S 05146	203	217	< 5
S 05147	203	217	< 5
S 05148	203	217	< 5
S 05149	203	217	< 5
S 05150	203	217	< 5

CERTIFICATION : Mark Vinh

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BOX 4127
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Y1A 3S9
Project : HGJV
Comments:

Date : 13-SEP-88
Invoice # : I-8822846
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822846

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 05151	203	217	< 5
S 05152	203	217	< 5
S 05153	203	217	< 5
S 05154	203	217	< 5
S 05155	203	217	< 5
S 05156	203	217	< 5
S 05157	203	217	< 5
S 05158	203	217	< 5
S 05159	203	217	< 5
S 05160	203	217	< 5
S 05161	203	217	< 5
S 05162	203	217	< 5
S 05163	203	217	< 5
S 05164	203	217	< 5
S 05165	203	217	10
S 05166	203	217	15
S 05167	203	217	< 5
S 05168	203	217	< 5
S 05169	203	217	< 5
S 05170	203	217	30
S 05171	203	217	< 5
S 05172	203	217	< 5
S 05173	203	217	25
S 05174	203	217	< 5
S 05175	203	217	< 5
S 05176	203	217	< 5
S 05177	203	217	< 5
S 05178	203	217	< 5
S 05179	203	217	20
S 05180	203	217	< 5
S 05181	203	217	< 5
S 05182	203	217	< 5
S 05183	203	217	< 5
S 05184	203	217	< 5
S 05185	203	217	< 5
S 05186	203	217	30
S 05187	203	217	10
S 05188	203	217	< 5
S 05189	203	217	5
S 05190	203	217	10

GRID

CERTIFICATION : Barbara Vivian

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CERTIFICATE OF ANALYSIS A8822846

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 05191	203	217	< 5
S 05192	203	217	< 5
S 05193	203	217	15
S 05194	203	217	10
S 05195	203	217	< 5
S 05196	203	217	< 5
S 05197	203	217	< 5
S 05198	203	217	20
S 05199	203	217	5
S 05200	203	217	10

CERTIFICATION : Thank Vonk

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

\RCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date :22-NOV-88
Invoice # :I-8827256
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05212	203	238	15	1.17	0.2	65	170	0.5	< 2	0.36	< 0.5	8	40	22	3.79	< 10	< 1	0.12	30	0.29	801
S 05213	203	238	< 5	1.30	0.2	25	160	0.5	< 2	0.24	< 0.5	4	61	5	2.22	10	< 1	0.09	20	0.35	219
S 05214	203	238	< 5	0.79	1.0	25	100	0.5	< 2	0.13	< 0.5	2	46	5	1.68	10	< 1	0.07	20	0.14	175
S 05215	203	238	< 5	0.54	1.0	10	70	< 0.5	< 2	0.13	< 0.5	< 1	63	3	0.61	10	< 1	0.10	30	0.06	48
S 05216	203	238	< 5	1.05	0.8	85	120	0.5	< 2	0.69	< 0.5	9	60	22	6.01	10	< 1	0.18	30	0.13	1405
S 05217	203	238	< 5	1.29	0.4	55	100	0.5	< 2	0.08	< 0.5	3	55	6	3.62	10	< 1	0.07	20	0.25	441
S 05218	203	238	< 5	1.53	0.2	10	120	0.5	2	0.07	< 0.5	4	40	4	3.01	< 10	< 1	0.06	10	0.39	183
S 05219	203	238	< 5	1.68	0.2	55	190	0.5	2	0.06	< 0.5	7	48	18	3.95	10	< 1	0.11	30	0.33	236
S 05220	203	238	< 5	1.51	0.2	30	120	0.5	2	0.06	< 0.5	3	49	4	3.14	< 10	< 1	0.06	20	0.35	182
S 05221	203	238	< 5	1.40	0.2	45	170	0.5	< 2	0.30	< 0.5	6	48	14	3.32	< 10	< 1	0.09	20	0.24	268
S 05222	203	238	5	1.49	0.2	40	200	0.5	< 2	0.15	< 0.5	5	40	13	3.76	10	< 1	0.08	30	0.23	599
S 05223	203	238	< 5	1.04	0.2	35	160	0.5	< 2	0.27	< 0.5	3	63	12	2.63	10	< 1	0.11	30	0.13	230
S 05224	203	238	< 5	1.64	0.2	45	170	0.5	< 2	0.08	< 0.5	4	46	8	3.38	10	< 1	0.11	30	0.33	280
S 05225	203	238	15	1.21	0.2	105	120	0.5	2	0.09	< 0.5	5	46	46	6.52	< 10	< 1	0.10	20	0.11	1225
S 05226	203	238	< 5	1.00	0.2	5	90	0.5	< 2	0.08	< 0.5	< 1	41	< 1	1.06	10	< 1	0.06	20	0.15	61
S 05227	203	238	< 5	1.25	0.2	40	90	0.5	< 2	0.05	< 0.5	3	70	7	3.20	10	< 1	0.10	30	0.22	237
S 05228	203	238	5	1.18	0.4	25	180	< 0.5	< 2	0.55	< 0.5	7	42	14	3.43	10	< 1	0.09	20	0.17	796
S 05229	203	238	< 5	1.07	0.2	50	110	< 0.5	< 2	0.07	< 0.5	5	54	8	4.17	10	< 1	0.11	40	0.19	690
S 05230	203	238	< 5	1.54	0.2	5	110	< 0.5	< 2	0.08	< 0.5	3	48	2	2.31	10	< 1	0.07	20	0.31	127
S 05231	203	238	< 5	1.29	0.2	40	300	0.5	< 2	0.42	< 0.5	7	35	16	2.56	10	< 1	0.10	30	0.13	369
S 05232	203	238	< 5	1.44	0.4	5	110	< 0.5	< 2	0.09	< 0.5	1	41	< 1	2.54	< 10	< 1	0.04	20	0.18	91
S 05233	203	238	< 5	0.84	0.2	50	140	< 0.5	< 2	0.39	0.5	3	45	7	3.49	< 10	< 1	0.07	20	0.16	760
S 05234	203	238	< 5	2.18	0.2	< 5	230	0.5	< 2	0.12	< 0.5	8	50	6	2.88	< 10	< 1	0.07	20	0.41	213
S 05235	203	238	< 5	1.24	0.4	15	140	< 0.5	< 2	0.12	< 0.5	4	47	7	2.25	< 10	< 1	0.08	20	0.30	185
S 05236	203	238	10	0.99	0.6	25	190	0.5	< 2	0.22	< 0.5	6	43	11	2.69	10	< 1	0.10	30	0.20	420
S 05237	203	238	15	1.17	0.4	60	190	1.0	< 2	0.17	< 0.5	7	46	17	3.25	10	< 1	0.13	40	0.25	476
S 05238	203	238	10	1.02	1.4	65	80	0.5	< 2	0.04	< 0.5	4	43	10	3.54	10	< 1	0.09	30	0.14	367
S 05239	203	238	< 5	0.81	2.8	10	80	< 0.5	< 2	0.05	< 0.5	1	37	2	1.00	10	< 1	0.07	30	0.09	58
S 05240	203	238	< 5	1.07	0.2	100	80	0.5	< 2	0.03	< 0.5	3	41	3	2.99	< 10	< 1	0.07	30	0.20	164
S 05241	203	238	< 5	1.16	0.2	20	120	0.5	< 2	0.06	< 0.5	3	38	5	2.66	< 10	< 1	0.06	20	0.17	345
S 05242	203	238	< 5	1.27	0.2	45	120	1.5	< 2	0.08	< 0.5	5	50	9	3.12	< 10	< 1	0.08	20	0.23	318
S 05243	203	238	5	1.06	0.2	30	130	2.5	2	0.07	< 0.5	7	34	20	3.64	< 10	< 1	0.10	30	0.13	351
S 05244	203	238	< 5	1.29	0.2	60	110	2.5	2	0.02	< 0.5	4	53	10	3.81	10	< 1	0.13	30	0.21	296
S 05245	203	238	10	0.67	0.4	50	50	2.0	< 2	0.03	< 0.5	2	35	9	2.42	10	< 1	0.12	40	0.06	155
S 05246	203	238	< 5	0.69	0.4	25	50	< 0.5	< 2	0.03	< 0.5	1	39	3	1.99	< 10	< 1	0.06	10	0.09	156
S 05247	203	238	15	0.75	0.2	55	100	< 0.5	< 2	0.05	< 0.5	4	35	16	3.46	< 10	< 1	0.08	20	0.11	681
S 05248	203	238	5	1.01	0.2	15	120	< 0.5	< 2	0.06	< 0.5	1	40	4	1.34	< 10	< 1	0.05	20	0.14	77
S 05249	203	238	< 5	0.71	0.2	10	90	< 0.5	< 2	0.04	< 0.5	1	46	3	0.76	< 10	< 1	0.05	20	0.09	47
S 05250	203	238	10	0.92	0.2	40	60	< 0.5	< 2	0.03	< 0.5	2	50	8	3.51	< 10	< 1	0.09	30	0.16	202
S 05251	203	238	5	1.20	0.4	5	170	0.5	< 2	0.10	< 0.5	2	38	4	1.75	< 10	< 1	0.06	20	0.25	136

CERTIFICATION : B. Caplan

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1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date :22-NOV-88
Invoice # :I-8827256
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827256

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05212	203	238	2	0.01	21	450	32	5	2	26	0.01	< 10	< 10	21	< 5	75
S 05213	203	238	1	0.01	12	440	20	< 5	2	16	0.03	10	< 10	34	< 5	72
S 05214	203	238	< 1	0.01	6	310	76	5	1	11	0.01	10	< 10	27	< 5	49
S 05215	203	238	< 1	0.01	1	140	18	< 5	< 1	11	0.01	10	< 10	17	< 5	38
S 05216	203	238	2	0.01	21	3190	646	45	3	36	< 0.01	< 10	< 10	18	< 5	166
S 05217	203	238	1	0.01	11	220	94	5	1	7	0.03	< 10	< 10	42	< 5	78
S 05218	203	238	1	0.01	16	300	22	< 5	2	7	0.03	< 10	< 10	38	< 5	87
S 05219	203	238	< 1	0.01	24	380	86	10	2	8	< 0.01	< 10	< 10	18	< 5	111
S 05220	203	238	1	0.01	13	230	18	5	2	7	0.02	< 10	< 10	36	< 5	67
S 05221	203	238	1	0.01	29	540	40	5	2	26	0.01	< 10	< 10	20	< 5	95
S 05222	203	238	< 1	0.01	19	230	28	5	2	14	0.01	< 10	< 10	28	< 5	89
S 05223	203	238	< 1	0.01	13	220	24	5	1	20	< 0.01	< 10	< 10	20	< 5	58
S 05224	203	238	1	0.01	17	280	24	5	2	9	0.03	< 10	< 10	40	< 5	64
S 05225	203	238	1	0.01	15	260	22	25	2	15	0.01	< 10	< 10	19	< 5	74
S 05226	203	238	< 1	0.01	3	160	14	< 5	1	9	0.04	< 10	< 10	29	< 5	21
S 05227	203	238	1	0.01	11	300	16	5	1	7	0.02	< 10	< 10	36	< 5	55
S 05228	203	238	1	0.01	15	600	20	5	3	34	0.01	< 10	< 10	21	< 5	87
S 05229	203	238	1	0.01	13	570	56	5	2	8	0.01	< 10	< 10	23	< 5	63
S 05230	203	238	1	0.01	7	190	18	< 5	2	8	0.05	< 10	< 10	43	< 5	39
S 05231	203	238	1	0.01	9	590	78	< 5	1	29	0.01	< 10	< 10	29	< 5	80
S 05232	203	238	1	< 0.01	3	110	32	< 5	1	8	0.08	< 10	< 10	46	< 5	49
S 05233	203	238	< 1	0.01	4	410	12	< 5	1	26	0.02	< 10	< 10	26	< 5	99
S 05234	203	238	1	0.01	19	260	16	< 5	3	11	0.06	< 10	< 10	43	< 5	138
S 05235	203	238	1	0.01	13	440	22	< 5	2	10	0.03	< 10	< 10	34	< 5	80
S 05236	203	238	< 1	0.01	16	590	142	5	2	16	0.01	< 10	< 10	22	5	176
S 05237	203	238	1	0.01	17	460	110	5	2	16	< 0.01	< 10	< 10	21	< 5	136
S 05238	203	238	< 1	< 0.01	10	390	128	15	1	5	0.01	< 10	< 10	20	5	119
S 05239	203	238	< 1	0.01	2	140	72	5	1	6	0.02	< 10	< 10	21	< 5	29
S 05240	203	238	< 1	< 0.01	11	270	30	5	1	5	0.01	< 10	< 10	33	< 5	66
S 05241	203	238	< 1	0.01	7	260	18	< 5	1	7	0.01	< 10	< 10	26	< 5	62
S 05242	203	238	1	0.01	15	410	36	< 5	2	8	0.02	< 10	< 10	33	5	78
S 05243	203	238	1	0.01	21	340	34	5	2	10	< 0.01	< 10	< 10	14	5	73
S 05244	203	238	< 1	0.01	13	280	24	5	2	6	0.01	< 10	< 10	26	5	55
S 05245	203	238	< 1	< 0.01	6	290	74	10	1	5	< 0.01	< 10	< 10	15	< 5	47
S 05246	203	238	1	< 0.01	6	340	54	< 5	< 1	3	0.01	< 10	< 10	20	< 5	32
S 05247	203	238	< 1	< 0.01	12	410	40	5	1	7	< 0.01	< 10	< 10	16	< 5	61
S 05248	203	238	< 1	< 0.01	5	170	18	[illegible]	1	7	0.02	10	< 10	26	5	46
S 05249	203	238	< 1	< 0.01	3	90	14	< 5	1	5	0.[illegible]	10	< 10	20	< 5	20
S 05250	203	238	1	< 0.01	12	610	32	10	1	4	0.02	< 10	< 10	33	< 5	60
S 05251	203	238	< 1	< 0.01	9	220	14	< 5	1	9	0.03	< 10	< 10	32	< 5	48

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
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1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date :22-NOV-88
Invoice # :I-8827257
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05252	203	238	< 5	1.25	0.4	75	150	< 0.5	< 2	0.04	< 0.5	6	76	17	3.00	< 10	< 1	0.16	40	0.30	245
S 05253	203	238	5	1.29	0.2	70	170	< 0.5	< 2	0.02	< 0.5	5	99	13	3.57	10	< 1	0.19	40	0.22	170
S 05254	203	238	< 5	1.40	0.2	15	80	< 0.5	< 2	0.05	< 0.5	3	60	3	3.00	< 10	< 1	0.09	20	0.34	150
S 05255	203	238	< 5	1.12	0.4	20	80	< 0.5	< 2	0.04	< 0.5	3	96	2	2.28	10	< 1	0.09	20	0.24	149
S 05256	203	238	< 5	1.29	0.2	35	100	< 0.5	< 2	0.01	< 0.5	6	57	7	3.42	10	< 1	0.10	30	0.22	177
S 05257	203	238	< 5	1.02	0.4	90	80	< 0.5	2	0.03	< 0.5	4	99	8	2.92	< 10	< 1	0.13	40	0.21	150
S 05258	203	238	< 5	1.14	0.4	10	70	< 0.5	< 2	0.07	< 0.5	1	77	1	1.28	10	< 1	0.07	20	0.18	64
S 05259	203	238	30	1.54	0.2	65	150	1.0	< 2	0.04	< 0.5	12	68	32	5.12	< 10	< 1	0.13	30	0.14	1710
S 05260	203	238	< 5	0.84	0.2	20	70	< 0.5	< 2	0.13	< 0.5	2	71	5	1.70	10	< 1	0.07	30	0.12	115
S 05261	203	238	< 5	0.77	0.2	25	70	< 0.5	< 2	0.02	< 0.5	2	74	6	1.57	10	< 1	0.06	30	0.10	73
S 05262	203	238	< 5	0.85	0.2	60	80	0.5	2	0.07	< 0.5	6	58	12	2.52	10	< 1	0.09	30	0.22	251
S 05263	203	238	< 5	0.96	0.6	35	90	< 0.5	< 2	0.08	< 0.5	3	74	4	2.07	10	< 1	0.11	30	0.17	111
S 05264	203	238	< 5	1.02	0.8	35	80	< 0.5	2	0.08	< 0.5	3	49	4	2.89	10	< 1	0.09	30	0.24	175
S 05265	203	238	< 5	1.03	0.2	40	80	< 0.5	2	0.02	< 0.5	2	92	7	2.67	10	< 1	0.19	40	0.17	139
S 05266	203	238	< 5	1.43	0.2	50	130	< 0.5	2	0.02	< 0.5	5	76	14	3.26	10	< 1	0.21	30	0.29	151
S 05267	203	238	< 5	1.34	0.2	50	150	< 0.5	2	0.02	< 0.5	4	86	11	2.78	< 10	< 1	0.18	30	0.26	134
S 05268	203	238	5	1.58	0.2	65	150	< 0.5	2	0.02	< 0.5	7	60	17	3.28	< 10	< 1	0.17	30	0.32	160
S 05269	203	238	< 5	1.24	0.4	10	230	0.5	2	0.36	< 0.5	8	88	8	2.30	10	< 1	0.11	20	0.40	316
S 05270	203	238	< 5	0.57	0.4	5	60	< 0.5	< 2	1.42	< 0.5	6	115	6	2.70	< 10	< 1	0.08	20	0.10	500
S 05271	203	238	< 5	1.01	0.2	20	50	< 0.5	< 2	0.04	< 0.5	3	61	11	2.94	10	< 1	0.10	30	0.10	138
S 05272	203	238	< 5	1.12	0.2	10	170	< 0.5	< 2	0.08	< 0.5	7	93	14	2.68	< 10	1	0.13	30	0.15	251
S 05273	203	238	35	0.74	1.0	45	120	0.5	< 2	0.47	< 0.5	13	88	27	4.13	< 10	< 1	0.16	40	0.05	1015
S 05274	203	238	5	0.85	0.2	45	130	< 0.5	2	0.05	< 0.5	6	116	16	2.47	10	< 1	0.12	40	0.23	239
S 05275	203	238	< 5	0.89	0.2	50	320	< 0.5	2	0.03	< 0.5	4	89	9	2.40	< 10	< 1	0.14	40	0.18	151
S 05276	203	238	< 5	1.33	0.4	30	130	< 0.5	< 2	0.08	< 0.5	5	97	9	2.56	< 10	< 1	0.15	30	0.35	184
S 05277	203	238	< 5	1.47	0.4	30	150	0.5	< 2	0.06	< 0.5	4	70	5	2.52	10	< 1	0.16	30	0.27	138
S 05278	203	238	< 5	1.22	0.2	70	130	< 0.5	< 2	0.03	< 0.5	5	91	9	2.89	10	< 1	0.14	40	0.25	148
S 05279	203	238	< 5	1.25	0.2	65	120	< 0.5	4	0.04	< 0.5	6	93	16	2.94	10	< 1	0.19	40	0.27	193
S 05280	203	238	< 5	1.51	0.2	60	160	< 0.5	< 2	0.04	< 0.5	7	113	22	3.26	10	< 1	0.20	40	0.32	197
S 05281	203	238	< 5	1.38	0.2	55	170	< 0.5	< 2	0.04	< 0.5	5	165	12	2.51	10	< 1	0.24	40	0.22	122
S 05282	203	238	< 5	1.48	0.8	45	230	< 0.5	< 2	0.06	< 0.5	5	87	16	2.65	< 10	< 1	0.17	30	0.23	220
S 05283	203	238	< 5	1.96	0.2	15	190	0.5	< 2	0.22	< 0.5	8	86	7	2.74	< 10	< 1	0.08	20	0.40	244
S 05284	203	238	5	0.69	0.6	15	90	< 0.5	< 2	0.98	< 0.5	4	113	9	2.93	< 10	< 1	0.05	20	0.08	586
S 05285	203	238	10	1.43	1.6	20	290	< 0.5	< 2	1.35	< 0.5	6	72	57	2.54	< 10	< 1	0.07	20	0.31	564
S 05286	203	238	5	1.36	0.2	10	200	< 0.5	< 2	0.16	< 0.5	5	95	8	2.03	< 10	< 1	0.08	20	0.32	131
S 05287	203	238	< 5	0.65	0.2	5	80	< 0.5	< 2	0.28	< 0.5	5	80	5	2.19	< 10	< 1	0.12	20	0.05	215
S 05288	203	238	< 5	0.84	0.2	90	100	< 0.5	< 2	0.03	< 0.5	3	97	9	2.18	< 10	< 1	0.11	30	0.17	97
S 05289	203	238	< 5	0.89	0.2	75	80	< 0.5	< 2	0.03	< 0.5	3	97	13	2.97	10	< 1	0.11	30	0.16	111
S 05290	203	238	< 5	0.84	0.2	70	80	< 0.5	< 2	0.01	< 0.5	2	102	10	2.17	< 10	< 1	0.13	40	0.16	92
S 05291	203	238	< 5	0.97	0.8	60	210	< 0.5	< 2	0.54	< 0.5	8	85	24	2.73	10	< 1	0.15	30	0.22	578

CERTIFICATION : B. Laing

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V6B 1L8

Project : HGJV
Comments:

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P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05252	203	238	1	0.01	16	310	34	5	2	8	< 0.01	< 10	< 10	23	< 5	70
S 05253	203	238	1	0.01	14	390	40	5	2	7	< 0.01	< 10	< 10	23	< 5	70
S 05254	203	238	1	0.01	12	340	28	< 5	2	6	0.03	< 10	< 10	36	< 5	54
S 05255	203	238	1	0.01	10	400	16	< 5	2	6	0.03	< 10	< 10	48	< 5	38
S 05256	203	238	1	0.01	14	350	28	5	1	4	0.01	< 10	< 10	23	< 5	60
S 05257	203	238	1	0.01	16	450	34	5	1	5	0.01	< 10	< 10	23	< 5	67
S 05258	203	238	< 1	0.01	6	140	18	< 5	2	8	0.05	< 10	< 10	33	< 5	25
S 05259	203	238	< 1	0.01	30	460	100	10	3	9	< 0.01	< 10	< 10	13	< 5	67
S 05260	203	238	< 1	0.01	8	210	18	< 5	1	11	0.02	< 10	< 10	27	< 5	50
S 05261	203	238	< 1	< 0.01	6	190	26	< 5	1	4	0.01	< 10	< 10	24	< 5	25
S 05262	203	238	< 1	< 0.01	18	360	56	5	1	8	< 0.01	< 10	< 10	13	< 5	64
S 05263	203	238	< 1	0.01	8	220	18	5	1	7	0.01	< 10	< 10	27	< 5	42
S 05264	203	238	1	0.01	9	350	38	< 5	1	6	0.02	< 10	< 10	32	< 5	56
S 05265	203	238	< 1	0.01	10	350	56	5	1	5	< 0.01	< 10	< 10	23	< 5	107
S 05266	203	238	< 1	0.01	15	310	20	< 5	2	6	< 0.01	< 10	< 10	29	< 5	64
S 05267	203	238	1	0.01	16	280	14	< 5	1	6	< 0.01	< 10	< 10	26	< 5	52
S 05268	203	238	1	0.01	21	270	48	< 5	2	6	< 0.01	< 10	< 10	23	< 5	64
S 05269	203	238	1	0.01	22	360	14	< 5	3	32	0.02	< 10	< 10	40	< 5	68
S 05270	203	238	1	0.01	14	590	52	< 5	4	71	< 0.01	< 10	< 10	11	< 5	105
S 05271	203	238	< 1	0.01	10	150	8	< 5	2	9	0.02	< 10	< 10	33	< 5	32
S 05272	203	238	< 1	0.02	15	250	56	< 5	2	18	0.01	< 10	< 10	24	< 5	77
S 05273	203	238	1	0.01	37	390	22	5	5	43	< 0.01	< 10	< 10	6	< 5	56
S 05274	203	238	1	0.01	16	310	36	< 5	1	7	< 0.01	< 10	< 10	15	< 5	55
S 05275	203	238	1	0.01	11	290	36	< 5	1	7	< 0.01	< 10	< 10	18	< 5	50
S 05276	203	238	1	0.01	18	420	40	< 5	2	9	0.02	< 10	< 10	30	< 5	74
S 05277	203	238	1	0.01	12	280	38	< 5	2	9	0.03	< 10	< 10	33	< 5	56
S 05278	203	238	< 1	0.01	16	360	40	5	1	6	0.01	< 10	< 10	21	< 5	61
S 05279	203	238	1	0.01	18	370	54	5	2	8	0.01	< 10	< 10	22	< 5	73
S 05280	203	238	1	0.01	24	320	86	5	2	8	< 0.01	< 10	< 10	23	< 5	97
S 05281	203	238	< 1	0.02	14	220	30	< 5	2	9	0.01	< 10	< 10	29	< 5	55
S 05282	203	238	1	0.01	15	460	54	5	2	11	0.01	< 10	< 10	26	< 5	66
S 05283	203	238	< 1	0.01	26	200	12	< 5	3	20	0.04	< 10	< 10	44	< 5	76
S 05284	203	238	2	0.01	15	310	18	5	2	48	0.01	< 10	< 10	14	< 5	46
S 05285	203	238	1	0.01	23	680	18	< 5	3	85	0.04	< 10	< 10	29	< 5	77
S 05286	203	238	1	0.01	20	250	6	< 5	2	15	0.03	< 10	< 10	32	< 5	50
S 05287	203	238	< 1	0.01	11	250	6	< 5	2	30	< 0.01	< 10	< 10	9	< 5	42
S 05288	203	238	1	0.01	11	210	14	5	1	6	< 0.01	< 10	< 10	25	< 5	35
S 05289	203	238	1	0.01	14	320	20	< 5	1	6	< 0.01	< 10	< 10	21	< 5	50
S 05290	203	238	2	0.01	11	210	6	< 5	1	5	< 0.01	< 10	< 10	24	< 5	39
S 05291	203	238	2	0.01	22	400	40	5	2	22	< 0.01	< 10	< 10	21	< 5	85

CERTIFICATION : B. Caplin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

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CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05292	203	238	5	1.42	0.4	65	260	0.5	< 2	0.20	< 0.5	7	68	25	3.37	10	< 1	0.18	40	0.31	196
S 05293	203	238	< 5	1.49	1.8	50	210	0.5	< 2	0.90	1.0	8	124	27	2.96	< 10	< 1	0.24	30	0.33	1090
S 05294	203	238	< 5	1.32	1.4	55	210	< 0.5	< 2	0.53	0.5	9	67	21	2.99	< 10	< 1	0.22	30	0.32	475
S 05295	203	238	< 5	1.18	0.8	50	160	< 0.5	< 2	0.30	0.5	7	177	17	2.89	10	< 1	0.23	40	0.28	471
S 05296	203	238	< 5	1.10	0.8	75	150	< 0.5	< 2	0.15	< 0.5	9	86	19	2.95	< 10	< 1	0.19	40	0.24	420
S 05297	203	238	< 5	0.91	1.2	90	120	< 0.5	< 2	0.17	< 0.5	8	100	17	2.76	< 10	< 1	0.17	30	0.21	413
S 05298	203	238	10	1.39	2.2	110	190	< 0.5	< 2	0.53	< 0.5	12	93	20	5.04	10	< 1	0.21	30	0.24	2710
S 05299	203	238	< 5	1.72	0.4	65	140	< 0.5	< 2	0.02	< 0.5	6	78	11	3.60	10	< 1	0.16	40	0.24	197
S 05300	203	238	< 5	0.88	0.2	35	70	< 0.5	< 2	0.02	< 0.5	8	92	16	2.23	< 10	< 1	0.27	40	0.05	258
S 05301	203	238	< 5	1.20	0.4	75	140	< 0.5	< 2	0.05	< 0.5	5	98	18	3.02	< 10	< 1	0.17	40	0.23	173
S 05302	203	238	< 5	1.51	0.4	5	120	< 0.5	< 2	0.06	< 0.5	2	80	3	1.89	< 10	< 1	0.09	20	0.26	109
S 05303	203	238	< 5	0.93	0.2	35	80	< 0.5	< 2	0.04	< 0.5	4	135	7	2.35	< 10	< 1	0.12	30	0.18	185
S 05304	203	238	< 5	1.59	0.2	60	150	< 0.5	< 2	0.04	< 0.5	5	125	14	3.31	< 10	< 1	0.14	30	0.31	154
S 05305	203	238	< 5	1.03	0.2	70	90	< 0.5	< 2	0.03	< 0.5	4	105	16	2.97	< 10	< 1	0.14	40	0.23	159
S 05306	203	238	< 5	1.86	0.6	15	220	< 0.5	< 2	0.08	< 0.5	4	142	6	2.79	< 10	< 1	0.13	20	0.45	177
S 05307	203	238	< 5	2.13	0.4	10	230	< 0.5	< 2	0.07	< 0.5	6	140	6	2.90	< 10	< 1	0.11	20	0.42	229
S 05308	203	238	< 5	1.69	0.4	10	800	< 0.5	< 2	0.67	1.0	6	100	10	1.95	< 10	< 1	0.07	20	0.35	657
S 05309	203	238	< 5	1.59	0.6	5	130	< 0.5	< 2	0.05	< 0.5	2	94	3	2.72	< 10	< 1	0.09	20	0.32	128
S 05310	203	238	< 5	1.88	0.6	10	180	< 0.5	4	0.06	< 0.5	6	84	8	2.82	10	< 1	0.12	20	0.46	214
S 05311	203	238	< 5	1.93	0.8	30	250	< 0.5	2	0.08	< 0.5	5	122	7	3.00	10	< 1	0.12	20	0.41	168
S 05312	203	238	< 5	2.02	0.6	100	260	< 0.5	< 2	1.38	3.0	12	43	30	3.44	10	< 1	0.35	30	0.38	1210
S 05313	203	238	< 5	1.44	1.4	60	240	0.5	2	0.44	< 0.5	10	131	20	3.53	10	< 1	0.22	40	0.28	543
S 05314	203	238	< 5	1.33	2.4	40	290	< 0.5	< 2	1.53	< 0.5	15	84	22	3.51	10	< 1	0.15	30	0.19	2280
S 05315	203	238	10	1.21	1.2	50	170	< 0.5	2	0.34	< 0.5	9	125	15	3.55	10	< 1	0.20	40	0.16	863
S 05316	203	238	< 5	1.01	0.2	140	80	< 0.5	2	0.04	< 0.5	6	133	17	4.15	10	< 1	0.18	40	0.11	302
S 05317	203	238	< 5	1.07	1.0	215	160	< 0.5	4	0.79	< 0.5	8	124	22	3.06	10	< 1	0.16	40	0.19	600
S 05318	203	238	< 5	1.38	0.8	25	220	< 0.5	2	0.47	< 0.5	3	100	3	1.96	10	< 1	0.12	20	0.25	255
S 05319	203	238	< 5	1.58	0.4	15	210	< 0.5	< 2	0.06	< 0.5	4	98	< 1	2.46	10	< 1	0.09	30	0.31	150
S 05320	203	238	5	1.86	0.4	25	290	< 0.5	4	0.07	< 0.5	8	88	12	2.83	10	< 1	0.12	20	0.53	222
S 05321	203	238	< 5	1.77	1.0	20	1070	< 0.5	4	0.58	0.5	7	103	10	2.44	10	< 1	0.10	30	0.42	347
S 05322	203	238	< 5	1.64	0.2	15	380	< 0.5	2	0.24	< 0.5	6	112	4	2.29	10	< 1	0.12	30	0.45	314
S 05323	203	238	< 5	1.80	0.4	20	1500	< 0.5	4	0.16	< 0.5	5	168	17	3.48	10	< 1	0.18	20	0.42	194
S 05324	203	238	< 5	1.96	0.4	25	420	< 0.5	2	0.14	< 0.5	9	120	6	2.93	10	< 1	0.16	30	0.47	244
S 05325	203	238	< 5	2.10	0.6	30	360	< 0.5	< 2	0.63	3.5	12	98	20	2.85	10	< 1	0.19	30	0.41	942
S 05326	203	238	< 5	1.75	0.6	20	210	< 0.5	< 2	0.47	< 0.5	4	83	9	1.90	< 10	< 1	0.12	10	0.23	186
S 05327	203	238	< 5	1.66	0.4	15	300	< 0.5	2	0.43	< 0.5	6	128	5	2.66	10	< 1	0.13	30	0.39	250
S 05328	203	238	5	1.89	0.6	25	2440	< 0.5	< 2	0.34	< 0.5	7	126	6	2.65	10	< 1	0.14	30	0.41	297
S 05329	203	238	< 5	2.09	0.4	55	280	< 0.5	< 2	0.42	0.5	9	156	11	3.09	10	< 1	0.22	30	0.43	403
S 05330	203	238	10	0.91	0.4	65	130	< 0.5	< 2	0.44	< 0.5	9	134	14	4.15	10	< 1	0.14	20	0.16	1260
S 05331	203	238	15	1.36	2.4	250	190	< 0.5	2	0.60	< 0.5	13	102	42	5.21	10	< 1	0.21	50	0.21	749

CERTIFICATION : B. Cargill

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S 05292	203	238	2	0.01	24	190	78	10	2	14	< 0.01	< 10	< 10	28	< 5	103
S 05293	203	238	2	0.01	26	770	90	5	2	40	< 0.01	< 10	< 10	18	< 5	112
S 05294	203	238	1	0.01	24	460	96	5	2	28	< 0.01	< 10	< 10	18	< 5	88
S 05295	203	238	1	0.01	23	480	102	5	2	20	< 0.01	< 10	< 10	20	< 5	79
S 05296	203	238	1	0.01	20	430	158	5	2	13	< 0.01	< 10	< 10	17	< 5	81
S 05297	203	238	1	0.01	19	460	102	5	1	14	< 0.01	< 10	< 10	14	< 5	68
S 05298	203	238	2	0.01	23	810	90	10	3	25	< 0.01	< 10	< 10	17	< 5	100
S 05299	203	238	2	0.01	21	280	30	5	3	6	0.01	< 10	< 10	26	< 5	66
S 05300	203	238	< 1	0.02	19	370	10	< 5	1	6	< 0.01	< 10	< 10	17	< 5	29
S 05301	203	238	1	0.01	17	260	50	5	1	7	< 0.01	< 10	< 10	22	< 5	71
S 05302	203	238	1	0.01	8	150	18	< 5	2	8	0.04	< 10	< 10	45	< 5	48
S 05303	203	238	2	0.01	9	510	16	< 5	1	7	0.01	< 10	< 10	34	< 5	57
S 05304	203	238	1	0.01	19	340	22	5	2	8	0.01	< 10	< 10	30	< 5	74
S 05305	203	238	< 1	0.01	16	340	36	5	1	6	< 0.01	< 10	< 10	19	< 5	57
S 05306	203	238	1	0.01	17	430	12	< 5	2	10	0.05	< 10	< 10	56	< 5	110
S 05307	203	238	2	0.01	17	340	8	5	2	9	0.05	< 10	< 10	52	< 5	121
S 05308	203	238	2	0.01	22	430	12	< 5	2	46	0.03	< 10	< 10	151	< 5	178
S 05309	203	238	1	0.01	11	360	14	< 5	2	7	0.05	< 10	< 10	48	< 5	78
S 05310	203	238	1	0.01	23	410	6	< 5	3	9	0.04	10	< 10	49	5	113
S 05311	203	238	2	0.01	21	500	8	5	3	10	0.04	< 10	< 10	79	< 5	145
S 05312	203	238	< 1	0.02	26	1420	76	5	3	82	0.01	< 10	< 10	27	5	274
S 05313	203	238	< 1	0.02	25	950	332	15	3	32	0.02	10	< 10	30	< 5	145
S 05314	203	238	< 1	0.01	22	1460	414	15	3	86	0.01	10	< 10	22	< 5	126
S 05315	203	238	< 1	0.01	18	590	482	20	2	24	0.01	10	< 10	24	5	146
S 05316	203	238	1	0.02	16	360	48	10	2	10	0.01	< 10	< 10	41	< 5	128
S 05317	203	238	1	0.02	21	750	222	10	3	47	0.02	10	< 10	33	5	109
S 05318	203	238	1	0.01	9	350	16	< 5	1	40	0.03	< 10	< 10	61	< 5	116
S 05319	203	238	1	0.01	12	320	12	< 5	2	9	0.06	< 10	< 10	64	< 5	105
S 05320	203	238	3	0.01	33	720	14	< 5	2	9	0.03	< 10	< 10	66	< 5	180
S 05321	203	238	2	0.01	27	670	12	< 5	2	41	0.03	< 10	< 10	95	< 5	211
S 05322	203	238	1	0.01	23	220	14	< 5	2	20	0.05	< 10	< 10	70	< 5	133
S 05323	203	238	14	0.01	49	1500	26	< 5	2	19	0.03	< 10	< 10	183	< 5	188
S 05324	203	238	2	0.01	31	480	16	5	3	16	0.05	< 10	< 10	70	< 5	155
S 05325	203	238	< 1	0.01	24	720	26	< 5	3	47	0.04	10	< 10	64	< 5	220
S 05326	203	238	< 1	0.10	14	460	24	< 5	2	34	0.04	< 10	< 10	45	< 5	80
S 05327	203	238	2	0.01	18	470	16	< 5	2	32	0.05	< 10	< 10	82	< 5	124
S 05328	203	238	3	0.01	23	360	18	< 5	2	26	0.05	< 10	< 10	70	< 5	135
S 05329	203	238	1	0.02	21	310	40	< 5	3	35	0.03	< 10	< 10	66	5	137
S 05330	203	238	1	0.02	18	970	80	10	2	33	0.01	< 10	< 10	25	< 5	99
S 05331	203	238	1	0.01	34	600	246	10	5	43	< 0.01	< 10	< 10	20	< 5	119

CERTIFICATION : B. Caughlin

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S 05332	203	238	< 5	1.13	1.0	30	150	< 0.5	< 2	4.68	< 0.5	7	62	12	2.58	< 10	< 1	0.11	10	0.14	1045
S 05333	203	238	< 5	1.98	0.4	15	220	< 0.5	< 2	0.31	< 0.5	7	72	5	3.38	10	< 1	0.08	30	0.47	261
S 05334	203	238	< 5	1.38	0.4	45	220	< 0.5	< 2	0.64	< 0.5	8	68	7	2.26	< 10	< 1	0.07	20	0.34	729
S 05335	203	238	10	1.49	0.2	50	200	< 0.5	< 2	0.32	< 0.5	6	66	7	2.77	10	< 1	0.06	20	0.32	282
S 05336	203	238	10	1.23	0.4	175	160	< 0.5	2	0.28	< 0.5	9	71	17	3.62	10	< 1	0.10	30	0.29	607
S 05337	203	238	< 5	1.88	0.8	100	250	< 0.5	< 2	0.51	1.0	13	51	25	3.71	10	< 1	0.21	20	0.34	1210
S 05338	203	238	25	1.98	1.2	90	300	< 0.5	< 2	0.57	1.0	14	75	37	3.33	10	< 1	0.18	30	0.40	918
S 05339	203	238	5	2.18	0.4	45	360	< 0.5	2	0.24	1.0	11	80	12	2.99	10	< 1	0.17	30	0.43	1150
S 05340	203	238	< 5	1.83	0.6	5	190	< 0.5	2	0.07	< 0.5	8	62	9	2.60	10	< 1	0.11	30	0.46	210
S 05341	203	238	< 5	1.67	0.8	20	550	< 0.5	2	0.11	0.5	5	91	3	2.33	10	< 1	0.13	30	0.33	238
S 05342	203	238	< 5	1.78	0.2	20	300	< 0.5	2	0.09	< 0.5	6	66	2	2.86	10	< 1	0.11	30	0.38	187
S 05343	203	238	< 5	1.57	0.8	50	250	< 0.5	< 2	0.38	0.5	6	76	9	2.44	10	< 1	0.15	20	0.31	579
S 05344	203	238	< 5	1.45	0.4	15	190	< 0.5	2	0.05	< 0.5	4	85	4	3.06	10	< 1	0.10	20	0.37	181
S 05345	203	238	< 5	1.75	0.2	35	620	< 0.5	4	0.18	< 0.5	10	71	14	3.34	10	< 1	0.13	20	0.57	252
S 05346	203	238	< 5	1.22	0.2	70	170	< 0.5	< 2	0.16	< 0.5	5	82	1	2.02	10	< 1	0.08	20	0.33	267
S 05347	203	238	< 5	1.64	0.4	70	220	< 0.5	< 2	0.99	0.5	16	76	17	4.73	10	< 1	0.10	40	0.15	1415
S 05348	203	238	10	1.54	0.2	1065	170	< 0.5	< 2	0.15	< 0.5	9	71	7	3.25	10	< 1	0.08	20	0.36	429
S 05349	203	238	< 5	1.32	0.6	45	130	< 0.5	< 2	0.38	< 0.5	8	68	7	4.12	10	< 1	0.08	20	0.15	784
S 05350	203	238	< 5	1.16	0.4	30	130	< 0.5	< 2	0.07	< 0.5	5	121	3	2.32	10	< 1	0.12	30	0.16	249
S 05351	203	238	< 5	1.68	1.2	40	110	< 0.5	< 2	0.10	< 0.5	8	85	7	4.31	10	< 1	0.14	30	0.25	468
S 05352	203	238	< 5	1.38	0.6	35	160	< 0.5	4	0.81	< 0.5	6	110	13	2.65	10	< 1	0.19	40	0.28	425
S 05353	203	238	< 5	1.59	0.2	130	220	< 0.5	2	0.12	< 0.5	10	101	19	3.19	10	< 1	0.15	50	0.29	186
S 05354	203	238	< 5	1.62	0.8	155	220	< 0.5	6	0.52	< 0.5	12	86	28	4.06	10	< 1	0.18	40	0.25	492
S 05355	203	238	< 5	1.41	0.4	265	200	< 0.5	2	1.28	< 0.5	12	74	29	3.89	10	< 1	0.14	30	0.18	898
S 05356	203	238	< 5	1.66	0.2	20	420	< 0.5	4	0.23	< 0.5	9	80	5	2.46	10	< 1	0.12	30	0.41	312
S 05357	203	238	< 5	1.71	0.4	15	260	< 0.5	4	0.10	< 0.5	3	81	< 1	2.07	10	< 1	0.11	30	0.24	142
S 05358	203	238	< 5	1.46	0.4	10	460	< 0.5	4	0.09	< 0.5	5	64	5	2.12	10	< 1	0.10	30	0.29	134
S 05359	203	238	< 5	1.82	0.6	10	190	< 0.5	2	0.07	< 0.5	4	77	1	2.27	10	< 1	0.08	30	0.29	136
S 05360	203	238	< 5	2.18	0.4	20	380	< 0.5	4	0.12	< 0.5	10	65	7	3.12	10	< 1	0.11	30	0.49	367
S 05361	203	238	< 5	1.57	0.8	80	290	< 0.5	2	0.41	< 0.5	13	73	14	3.31	10	< 1	0.18	30	0.35	783
S 05362	203	238	< 5	0.91	0.2	15	140	< 0.5	4	0.06	< 0.5	3	72	2	1.29	< 10	< 1	0.09	20	0.21	130
S 05363	203	238	< 5	1.43	0.2	25	310	< 0.5	< 2	0.10	< 0.5	4	123	4	2.57	< 10	< 1	0.08	20	0.36	140
S 05364	203	238	< 5	0.96	0.2	155	140	< 0.5	2	0.74	< 0.5	11	58	26	3.83	10	< 1	0.10	30	0.21	820
S 05365	203	238	15	1.16	0.4	270	150	< 0.5	4	0.33	1.0	22	77	41	5.70	10	< 1	0.15	30	0.14	1985
S 05366	203	238	5	1.50	0.2	10	130	< 0.5	2	0.11	< 0.5	5	85	2	2.83	10	< 1	0.11	20	0.40	172
S 05367	203	238	< 5	1.31	1.0	40	170	< 0.5	< 2	4.35	1.0	16	63	32	4.07	10	< 1	0.13	30	0.13	1480
S 05368	203	238	20	1.38	0.2	90	240	< 0.5	[illegible]	[illegible]	< 0.5	10	65	11	3.19	10	< 1	0.10	30	0.31	779
S 05369	203	238	< 5	2.18	0.2	< 5	200	< 0.5	4	0.29	< 0.5	10	85	[illegible]	2.72	10	< 1	0.08	30	0.38	228
S 05370	203	238	< 5	1.61	0.2	10	150	< 0.5	6	0.23	< 0.5	6	97	2	2.73	10	< 1	0.09	30	0.29	156
S 05371	203	238	< 5	1.91	0.2	25	170	< 0.5	< 2	0.07	< 0.5	7	77	8	3.58	10	< 1	0.10	20	0.40	236

CERTIFICATION : B. Cargi

Chemex Labs Ltd.
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PHONE (604) 984-0221

ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date : 22-NOV-88
Invoice # : I-8827257
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05332	203	238	< 1	0.01	18	1250	24	5	3	192	0.01	< 10	< 10	20	5	84
S 05333	203	238	2	0.01	27	310	18	< 5	3	26	0.04	< 10	< 10	49	< 5	91
S 05334	203	238	< 1	0.01	17	640	20	< 5	2	40	0.02	< 10	< 10	36	5	90
S 05335	203	238	1	0.01	23	580	56	< 5	2	27	0.02	< 10	< 10	39	5	97
S 05336	203	238	< 1	0.01	26	640	80	5	3	23	0.01	< 10	< 10	30	5	103
S 05337	203	238	< 1	0.02	23	480	70	5	3	39	0.01	< 10	< 10	32	5	186
S 05338	203	238	2	0.01	30	580	48	< 5	3	44	0.02	< 10	< 10	58	10	178
S 05339	203	238	1	0.01	20	350	32	< 5	4	25	0.04	< 10	< 10	67	5	227
S 05340	203	238	1	0.01	28	470	16	< 5	3	9	0.04	< 10	< 10	49	< 5	114
S 05341	203	238	4	0.01	15	540	10	< 5	2	11	0.04	< 10	< 10	156	< 5	272
S 05342	203	238	3	0.01	17	350	14	< 5	2	12	0.06	< 10	< 10	94	5	170
S 05343	203	238	1	0.01	15	610	26	< 5	2	29	0.02	< 10	< 10	52	5	164
S 05344	203	238	2	0.01	20	680	12	< 5	2	7	0.03	< 10	< 10	75	5	115
S 05345	203	238	5	0.01	41	770	20	< 5	2	17	0.03	< 10	< 10	165	5	268
S 05346	203	238	1	0.01	11	280	12	< 5	1	13	0.03	10	< 10	54	< 5	88
S 05347	203	238	< 1	0.01	34	1440	28	5	6	65	< 0.01	< 10	< 10	24	5	194
S 05348	203	238	1	0.01	22	510	48	5	2	14	0.02	< 10	< 10	38	< 5	91
S 05349	203	238	< 1	0.01	19	870	250	10	3	23	< 0.01	< 10	< 10	11	< 5	97
S 05350	203	238	1	0.01	10	330	80	5	1	10	0.03	10	< 10	53	< 5	60
S 05351	203	238	2	0.01	16	640	280	15	2	11	0.03	10	< 10	44	< 5	106
S 05352	203	238	< 1	0.02	17	500	238	10	2	56	0.01	20	< 10	31	< 5	67
S 05353	203	238	1	0.01	21	170	58	5	2	15	< 0.01	20	< 10	36	< 5	71
S 05354	203	238	1	0.01	28	410	502	10	4	37	< 0.01	< 10	< 10	34	< 5	120
S 05355	203	238	< 1	0.01	27	650	70	10	4	77	0.01	< 10	< 10	28	< 5	114
S 05356	203	238	2	0.01	20	390	18	< 5	2	20	0.05	10	< 10	97	< 5	120
S 05357	203	238	1	0.01	7	370	10	< 5	2	12	0.07	< 10	< 10	75	< 5	87
S 05358	203	238	3	0.01	18	480	14	< 5	1	11	0.03	< 10	< 10	95	< 5	132
S 05359	203	238	2	0.01	13	330	14	< 5	2	9	0.06	< 10	< 10	66	< 5	78
S 05360	203	238	2	0.01	23	580	14	< 5	3	13	0.07	< 10	< 10	83	< 5	267
S 05361	203	238	1	0.01	23	720	86	5	2	34	0.01	< 10	< 10	45	< 5	131
S 05362	203	238	1	0.01	10	270	14	< 5	1	7	0.02	< 10	< 10	49	< 5	73
S 05363	203	238	4	0.01	19	310	14	< 5	1	10	0.03	< 10	< 10	129	< 5	116
S 05364	203	238	< 1	0.01	35	610	80	10	4	49	0.01	< 10	< 10	22	< 5	143
S 05365	203	238	< 1	0.01	44	650	138	20	6	30	< 0.01	< 10	< 10	17	< 5	277
S 05366	203	238	1	0.01	16	340	24	< 5	2	12	0.05	10	< 10	55	< 5	83
S 05367	203	238	1	0.02	41	1860	64	15	7	254	< 0.01	10	< 10	23	5	139
S 05368	203	238	< 1	0.01	26	680	66	5	4	42	0.03	< 10	< 10	37	< 5	314
S 05369	203	238	1	0.01	19	170	16	< 5	3	25	0.07	< 10	< 10	63	< 5	79
S 05370	203	238	1	0.01	12	210	20	< 5	2	23	0.05	< 10	< 10	61	< 5	96
S 05371	203	238	1	0.01	26	410	32	5	2	9	0.03	10	< 10	56	< 5	120

CERTIFICATION : B. Caplin

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RCHER CATHRO & ASSOC. (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8
Project : HGJV
Comments:

Date :22-NOV-88
Invoice # :I-8827257
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05372	203	238	< 5	1.42	0.4	95	70	< 0.5	< 2	0.08	< 0.5	25	47	35	6.25	< 10	< 1	0.10	30	0.13	902
S 05373	203	238	< 5	1.27	0.2	25	210	< 0.5	< 2	0.68	< 0.5	9	47	7	2.26	< 10	1	0.09	30	0.37	273
S 05374	203	238	< 5	1.54	0.4	45	200	< 0.5	< 2	0.23	< 0.5	8	39	19	3.29	< 10	1	0.19	40	0.42	552
S 05375	203	238	< 5	1.54	0.2	55	220	< 0.5	< 2	0.07	< 0.5	8	35	18	2.92	< 10	< 1	0.15	30	0.40	195
S 05376	203	238	< 5	1.04	0.2	20	150	< 0.5	< 2	0.05	< 0.5	6	44	7	2.56	< 10	< 1	0.06	10	0.33	162
S 05377	203	238	< 5	1.13	0.4	10	160	< 0.5	< 2	0.06	< 0.5	7	56	10	2.18	< 10	< 1	0.07	10	0.38	134
S 05378	203	238	< 5	1.19	0.4	5	730	< 0.5	< 2	0.09	0.5	7	70	7	1.92	< 10	1	0.07	30	0.27	145
S 05379	203	238	< 5	1.43	0.4	15	270	< 0.5	2	0.07	0.5	7	54	6	2.37	< 10	1	0.07	30	0.28	168
S 05380	203	238	< 5	1.18	0.4	5	370	< 0.5	< 2	0.07	0.5	7	118	7	2.25	< 10	2	0.13	20	0.39	158
S 05381	203	238	< 5	1.70	0.6	115	220	< 0.5	< 2	0.47	< 0.5	8	36	16	3.31	< 10	< 1	0.21	50	0.40	516
S 05382	203	238	< 5	1.33	0.2	40	160	< 0.5	< 2	1.94	1.0	9	44	36	2.72	< 10	1	0.15	40	0.26	572
S 05383	203	238	15	1.14	0.6	55	120	0.5	6	1.03	< 0.5	13	54	45	3.75	< 10	< 1	0.19	60	0.23	613
S 05384	203	238	< 5	1.11	0.4	65	50	< 0.5	< 2	1.08	< 0.5	37	54	41	6.26	< 10	< 1	0.20	70	0.20	595
S 05385	203	238	< 5	1.78	0.2	20	70	< 0.5	2	0.04	< 0.5	7	30	17	3.44	10	< 1	0.27	80	0.46	114
S 05386	203	238	< 5	1.91	0.4	15	80	< 0.5	2	0.04	< 0.5	15	52	23	3.97	10	< 1	0.26	60	0.47	156
S 05387	203	238	< 5	1.35	< 0.2	35	240	0.5	2	2.47	< 0.5	8	41	12	2.69	< 10	< 1	0.08	40	0.30	748
S 05388	203	238	< 5	1.34	0.4	90	160	0.5	2	0.52	< 0.5	7	55	20	3.37	< 10	< 1	0.16	60	0.27	786
S 05389	203	238	< 5	1.28	0.6	50	160	< 0.5	4	0.71	0.5	7	41	22	3.20	< 10	< 1	0.18	50	0.33	357
S 05390	203	238	< 5	1.09	0.4	60	140	< 0.5	< 2	0.70	< 0.5	8	54	19	2.86	< 10	< 1	0.15	40	0.26	491
S 05391	203	238	< 5	1.36	0.8	90	160	< 0.5	2	0.59	< 0.5	15	41	23	3.41	< 10	< 1	0.18	40	0.32	1010
S 05392	203	238	< 5	1.57	< 0.2	10	540	< 0.5	< 2	0.12	1.0	7	86	9	2.67	< 10	< 1	0.13	30	0.45	194
S 05393	203	238	< 5	1.87	0.2	< 5	370	< 0.5	< 2	0.09	1.5	6	87	9	3.42	< 10	< 1	0.13	30	0.45	182
S 05394	203	238	< 5	1.84	0.6	25	470	< 0.5	< 2	0.14	1.0	7	102	15	3.28	< 10	< 1	0.14	30	0.58	169
S 05395	203	238	< 5	1.73	0.4	< 5	1090	< 0.5	< 2	0.09	1.0	5	78	8	3.81	< 10	1	0.13	30	0.45	227
S 05396	203	238	< 5	1.23	0.2	< 5	670	< 0.5	< 2	0.08	1.0	4	86	10	1.40	< 10	1	0.14	30	0.39	120
S 05397	203	238	< 5	1.40	< 0.2	25	360	< 0.5	< 2	0.07	< 0.5	5	78	12	3.41	< 10	< 1	0.13	20	0.48	133
S 05398	203	238	< 5	1.49	< 0.2	< 5	670	< 0.5	< 2	0.09	1.0	7	92	13	2.83	< 10	2	0.14	30	0.51	228
S 05399	203	238	< 5	1.53	0.4	100	230	0.5	< 2	1.19	< 0.5	7	44	24	3.15	< 10	< 1	0.25	50	0.40	820
S 05400	203	238	< 5	1.50	0.8	95	230	0.5	< 2	0.91	< 0.5	7	47	29	3.37	< 10	< 1	0.23	50	0.38	828
S 05401	203	238	< 5	1.53	0.6	40	120	< 0.5	< 2	0.12	< 0.5	7	57	8	3.21	< 10	4	0.13	40	0.30	183
S 05402	203	238	< 5	1.35	0.4	65	120	< 0.5	< 2	0.11	< 0.5	7	60	7	3.05	< 10	< 1	0.13	40	0.25	130
S 05403	203	238	< 5	1.45	0.2	40	150	< 0.5	< 2	0.07	< 0.5	7	54	6	2.86	< 10	1	0.10	40	0.27	122
S 05404	203	238	< 5	1.61	< 0.2	< 5	130	< 0.5	< 2	0.10	< 0.5	7	51	3	2.80	< 10	< 1	0.08	30	0.34	156
S 05405	203	238	< 5	1.61	< 0.2	90	130	< 0.5	< 2	0.06	< 0.5	6	48	6	3.93	< 10	< 1	0.08	30	0.38	217
S 05406	203	238	< 5	1.75	< 0.2	55	180	< 0.5	< 2	0.51	< 0.5	7	45	6	2.75	< 10	1	0.07	30	0.40	367
S 05407	203	238	< 5	1.67	0.2	20	260	< 0.5	2	0.39	< 0.5	7	45	7	3.03	< 10	< 1	0.09	30	0.31	820
S 05408	203	238	< 5	1.34	0.2	20	150	0.5	< 2	1.54	< 0.5	7	55	23	3.57	< 10	< 1	0.11	50	0.31	456
S 05409	203	238	< 5	1.40	< 0.2	65	190	< 0.5	< 2	0.15	< 0.5	7	46	19	3.36	< 10	1	0.14	40	0.28	330
S 05410	203	238	< 5	1.49	0.8	35	140	< 0.5	< 2	0.12	< 0.5	6	54	11	3.95	< 10	< 1	0.16	40	0.29	209
S 05411	203	238	< 5	1.58	0.6	35	150	< 0.5	< 2	0.15	< 0.5	6	53	5	2.90	< 10	< 1	0.16	50	0.24	192

CERTIFICATION : B. Caglio

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Date : 22-NOV-88
Invoice # : I-8827257
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CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05372	203	238	2	0.01	42	530	360	5	3	12	< 0.01	< 10	< 10	21	< 5	132
S 05373	203	238	1	0.01	19	360	24	< 5	2	42	0.04	< 10	< 10	63	< 5	109
S 05374	203	238	1	0.01	26	420	72	< 5	3	22	0.01	< 10	< 10	33	< 5	99
S 05375	203	238	2	0.01	27	350	58	< 5	3	10	0.01	< 10	< 10	35	< 5	100
S 05376	203	238	3	< 0.01	13	550	< 2	< 5	1	6	0.01	< 10	< 10	68	< 5	137
S 05377	203	238	2	< 0.01	20	440	4	< 5	1	7	0.01	< 10	< 10	52	< 5	123
S 05378	203	238	5	0.01	16	210	< 2	< 5	1	12	0.03	< 10	< 10	88	< 5	145
S 05379	203	238	4	0.01	11	290	10	< 5	2	9	0.04	< 10	< 10	93	< 5	134
S 05380	203	238	8	0.01	13	650	10	< 5	1	8	0.02	< 10	< 10	233	< 5	151
S 05381	203	238	< 1	0.01	17	300	76	5	3	43	0.01	< 10	< 10	37	< 5	102
S 05382	203	238	1	0.02	19	980	40	5	3	130	0.01	< 10	< 10	25	< 5	109
S 05383	203	238	1	0.02	24	810	50	5	6	74	0.03	< 10	< 10	29	< 5	297
S 05384	203	238	< 1	0.03	54	380	48	10	5	55	< 0.01	< 10	< 10	15	< 5	138
S 05385	203	238	< 1	0.03	28	260	36	< 5	1	11	< 0.01	< 10	< 10	22	< 5	63
S 05386	203	238	< 1	0.02	20	430	32	5	2	10	< 0.01	< 10	< 10	33	< 5	82
S 05387	203	238	1	0.01	20	1130	34	5	4	136	0.03	< 10	< 10	39	< 5	118
S 05388	203	238	1	0.01	18	720	84	5	3	38	< 0.01	< 10	< 10	28	< 5	92
S 05389	203	238	3	0.01	19	660	82	5	3	44	< 0.01	< 10	< 10	26	< 5	99
S 05390	203	238	2	0.01	19	710	78	5	2	49	< 0.01	< 10	< 10	23	< 5	93
S 05391	203	238	< 1	0.01	24	690	108	< 5	3	46	< 0.01	< 10	< 10	28	< 5	105
S 05392	203	238	8	0.01	21	460	4	< 5	2	13	0.04	< 10	< 10	171	< 5	311
S 05393	203	238	7	0.01	30	750	< 2	< 5	3	13	0.04	< 10	< 10	270	< 5	238
S 05394	203	238	8	0.01	40	560	26	< 5	3	16	0.04	< 10	< 10	152	< 5	229
S 05395	203	238	5	0.01	31	610	14	< 5	3	16	0.07	< 10	< 10	299	< 5	234
S 05396	203	238	2	0.01	12	370	4	< 5	1	11	0.03	< 10	< 10	149	< 5	120
S 05397	203	238	9	0.02	28	770	8	< 5	1	9	0.03	< 10	< 10	238	< 5	214
S 05398	203	238	8	0.01	26	560	10	< 5	2	9	0.02	< 10	< 10	217	< 5	295
S 05399	203	238	2	0.02	25	800	98	10	3	62	< 0.01	< 10	< 10	32	< 5	132
S 05400	203	238	3	0.01	29	740	104	5	3	50	< 0.01	< 10	< 10	29	< 5	115
S 05401	203	238	3	0.01	13	450	92	< 5	2	13	0.03	< 10	< 10	55	< 5	67
S 05402	203	238	2	0.01	14	340	110	< 5	1	13	0.01	< 10	< 10	36	< 5	62
S 05403	203	238	1	0.01	11	260	38	< 5	2	10	0.03	< 10	< 10	47	< 5	56
S 05404	203	238	2	0.01	15	310	36	< 5	2	10	0.03	< 10	< 10	48	< 5	68
S 05405	203	238	1	0.01	20	280	28	< 5	2	8	0.03	< 10	< 10	55	< 5	82
S 05406	203	238	1	0.01	21	470	18	< 5	2	42	0.03	< 10	< 10	49	< 5	98
S 05407	203	238	3	0.01	14	720	68	< 5	2	33	0.02	< 10	< 10	49	< 5	119
S 05408	203	238	2	0.02	27	720	106	5	4	86	0.01	< 10	< 10	29	< 5	91
S 05409	203	238	1	0.01	23	320	82	< 5	3	17	0.01	< 10	< 10	34	< 5	95
S 05410	203	238	2	0.01	24	300	182	5	2	14	0.01	< 10	< 10	38	< 5	104
S 05411	203	238	< 1	0.01	12	300	112	< 5	2	14	0.02	< 10	< 10	52	< 5	67

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
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RCHER CATHRO & ASSOC. (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8
Project : HGJV
Comments:

Date : 22-NOV-88
Invoice # : I-8827257
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05412	203	238	< 5	1.37	0.6	90	120	< 0.5	< 2	0.07	< 0.5	7	38	11	3.01	< 10	2	0.12	50	0.25	124
S 05413	203	238	< 5	1.68	0.2	30	140	< 0.5	4	0.06	< 0.5	6	40	15	4.30	< 10	< 1	0.16	40	0.36	186
S 05414	203	238	10	1.94	0.4	25	150	< 0.5	< 2	0.12	< 0.5	6	56	5	3.66	< 10	< 1	0.12	30	0.41	171
S 05415	203	238	< 5	1.75	0.2	85	160	< 0.5	< 2	0.09	< 0.5	7	48	12	3.37	< 10	< 1	0.15	40	0.32	166
S 05416	203	238	< 5	1.27	0.2	60	120	< 0.5	< 2	0.07	< 0.5	7	75	12	3.08	< 10	< 1	0.18	50	0.25	119
S 05417	203	238	< 5	1.40	0.2	90	130	< 0.5	< 2	0.06	< 0.5	7	49	16	3.24	< 10	< 1	0.18	50	0.31	150
S 05418	203	238	< 5	1.35	0.4	95	110	< 0.5	< 2	0.05	< 0.5	7	61	13	3.21	< 10	< 1	0.15	50	0.28	136
S 05419	203	238	< 5	1.45	0.4	85	120	< 0.5	2	0.07	< 0.5	8	40	8	2.90	< 10	< 1	0.11	40	0.25	117
S 05420	203	238	< 5	1.38	0.4	115	110	< 0.5	< 2	0.07	< 0.5	7	57	12	3.63	< 10	< 1	0.12	40	0.33	177
S 05421	203	238	< 5	1.65	0.2	20	120	< 0.5	< 2	0.05	< 0.5	6	49	11	4.44	< 10	< 1	0.14	40	0.29	201
S 05422	203	238	5	1.86	0.2	30	210	< 0.5	< 2	0.25	< 0.5	7	57	7	2.76	< 10	< 1	0.08	30	0.43	154
S 05423	203	238	< 5	1.90	0.4	20	160	< 0.5	< 2	0.50	< 0.5	6	52	8	3.39	< 10	2	0.10	40	0.43	245
S 05424	203	238	< 5	1.91	0.2	35	160	< 0.5	< 2	0.09	< 0.5	6	59	7	3.76	< 10	< 1	0.12	30	0.43	224
S 05425	203	238	< 5	1.67	0.2	< 5	200	< 0.5	< 2	0.18	0.5	7	58	9	2.85	< 10	3	0.10	40	0.40	201
S 05426	203	238	< 5	1.11	0.6	30	90	< 0.5	< 2	0.13	< 0.5	15	61	19	5.25	< 10	< 1	0.14	30	0.19	270
S 05427	203	238	< 5	1.06	< 0.2	20	150	< 0.5	< 2	0.94	< 0.5	18	53	38	3.43	< 10	< 1	0.10	30	0.27	453
S 05428	203	238	< 5	1.32	0.2	10	90	< 0.5	< 2	0.12	< 0.5	4	45	7	2.58	< 10	1	0.08	30	0.24	74
S 05429	203	238	< 5	1.26	0.4	50	90	< 0.5	< 2	0.04	< 0.5	6	47	18	4.68	< 10	< 1	0.13	40	0.22	245
S 05430	203	238	< 5	1.31	0.4	20	220	< 0.5	4	0.86	0.5	29	59	34	4.77	< 10	< 1	0.12	50	0.22	1950
S 05431	203	238	10	1.57	< 0.2	55	190	< 0.5	< 2	2.19	< 0.5	13	67	6	4.80	< 10	3	0.09	40	0.27	716
S 05432	203	238	< 5	1.29	< 0.2	25	200	< 0.5	< 2	0.19	< 0.5	7	59	20	3.49	< 10	6	0.08	20	0.18	465
S 05433	203	238	< 5	1.09	0.2	110	120	< 0.5	< 2	0.06	< 0.5	7	49	16	2.86	< 10	1	0.13	50	0.23	123
S 05434	203	238	< 5	1.04	< 0.2	20	140	< 0.5	< 2	1.08	0.5	7	55	21	2.55	< 10	< 1	0.09	30	0.25	307
S 05435	203	238	< 5	1.61	< 0.2	< 5	180	0.5	< 2	1.25	< 0.5	7	45	10	3.22	< 10	1	0.09	50	0.44	391
S 05436	203	238	< 5	1.40	< 0.2	20	110	< 0.5	2	0.37	< 0.5	16	47	8	4.42	< 10	1	0.11	40	0.28	418
S 05437	203	238	< 5	1.57	< 0.2	40	200	< 0.5	< 2	0.88	< 0.5	8	48	13	3.09	< 10	< 1	0.10	40	0.36	550
S 05438	203	238	< 5	1.51	0.2	70	170	< 0.5	< 2	0.13	< 0.5	7	64	18	4.07	< 10	< 1	0.16	50	0.25	207
S 05439	203	238	< 5	0.70	0.2	10	90	< 0.5	< 2	0.46	< 0.5	19	26	35	4.26	< 10	< 1	0.11	50	0.10	444
S 05440	203	238	< 5	1.19	< 0.2	25	200	< 0.5	< 2	0.67	< 0.5	8	56	12	2.73	< 10	< 1	0.08	30	0.20	1045
S 05441	203	238	< 5	1.52	< 0.2	< 5	150	0.5	< 2	1.37	< 0.5	7	52	9	3.26	< 10	< 1	0.09	40	0.39	428
S 05442	203	238	< 5	1.17	< 0.2	30	130	0.5	< 2	1.24	< 0.5	19	43	34	4.03	< 10	< 1	0.13	60	0.24	397
S 05443	203	238	5	1.40	< 0.2	10	190	0.5	6	0.81	< 0.5	8	52	21	2.60	< 10	< 1	0.10	50	0.49	350
S 05444	203	238	< 5	1.07	< 0.2	75	120	< 0.5	2	3.22	< 0.5	15	46	39	3.59	< 10	< 1	0.19	50	0.28	384
S 05445	203	238	10	1.64	< 0.2	80	180	< 0.5	< 2	0.17	< 0.5	7	56	12	3.71	< 10	< 1	0.16	50	0.37	154
S 05446	203	238	10	1.65	0.6	85	110	< 0.5	< 2	0.04	< 0.5	6	55	7	3.62	< 10	< 1	0.11	50	0.23	112
S 05447	203	238	< 5	1.58	0.4	65	100	< 0.5	< 2	0.04	< 0.5	7	45	9	3.70	< 10	< 1	0.14	50	0.30	172
S 05448	203	238	< 5	1.30	0.6	120	150	< 0.5	< 2	0.14	< 0.5	8	48	16	3.14	< 10	< 1	0.16	50	0.26	179
S 05449	203	238	< 5	1.50	0.4	< 5	100	< 0.5	6	0.10	< 0.5	8	41	13	3.15	< 10	< 1	0.12	60	0.32	174
S 05450	203	238	< 5	1.19	0.2	< 5	90	< 0.5	< 2	0.07	0.5	4	62	6	1.88	< 10	< 1	0.07	30	0.16	114
S 05451	203	238	< 5	1.76	0.2	5	150	< 0.5	< 2	0.20	< 0.5	8	50	8	2.57	< 10	1	0.09	40	0.40	128

CERTIFICATION : B. Cargi

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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RCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Date :22-NOV-88
Invoice # :I-8827257
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05412	203	238	2	0.01	15	270	98	< 5	1	10	0.01	< 10	< 10	29	< 5	57
S 05413	203	238	1	0.01	23	340	40	5	2	11	0.01	< 10	< 10	35	< 5	83
S 05414	203	238	3	0.01	12	330	74	< 5	3	13	0.05	< 10	< 10	55	< 5	69
S 05415	203	238	< 1	0.01	21	330	104	< 5	2	12	0.02	< 10	< 10	45	< 5	74
S 05416	203	238	2	0.01	18	470	122	< 5	1	11	0.01	< 10	< 10	28	< 5	57
S 05417	203	238	1	0.01	22	370	82	< 5	2	11	0.01	< 10	< 10	32	< 5	74
S 05418	203	238	< 1	0.01	20	320	114	< 5	1	8	< 0.01	< 10	< 10	26	< 5	60
S 05419	203	238	3	0.01	12	240	92	< 5	1	9	0.02	< 10	< 10	38	< 5	55
S 05420	203	238	2	0.01	27	300	120	< 5	1	10	0.01	< 10	< 10	25	< 5	71
S 05421	203	238	1	0.01	21	250	88	< 5	2	10	0.01	< 10	< 10	40	< 5	74
S 05422	203	238	< 1	0.01	26	410	28	< 5	3	21	0.05	< 10	< 10	50	< 5	64
S 05423	203	238	< 1	0.01	24	200	42	5	3	30	0.04	< 10	< 10	54	< 5	77
S 05424	203	238	2	0.01	19	250	70	< 5	3	11	0.03	< 10	< 10	50	< 5	94
S 05425	203	238	1	0.01	22	370	30	< 5	3	19	0.03	< 10	< 10	46	< 5	84
S 05426	203	238	2	0.01	31	430	62	< 5	2	18	< 0.01	< 10	< 10	28	< 5	207
S 05427	203	238	1	0.02	38	540	34	< 5	6	74	0.02	< 10	< 10	28	< 5	82
S 05428	203	238	2	0.01	13	190	6	< 5	1	14	0.02	< 10	< 10	42	< 5	47
S 05429	203	238	1	0.01	24	270	60	< 5	2	13	< 0.01	< 10	< 10	29	< 5	110
S 05430	203	238	2	0.02	34	1090	54	< 5	5	74	0.01	< 10	< 10	27	< 5	153
S 05431	203	238	1	0.02	18	590	42	5	3	151	0.02	< 10	< 10	43	< 5	163
S 05432	203	238	3	0.01	22	940	94	< 5	3	21	0.01	< 10	< 10	33	< 5	87
S 05433	203	238	1	0.01	17	340	108	< 5	1	10	< 0.01	< 10	< 10	28	< 5	64
S 05434	203	238	1	0.01	21	1160	< 2	< 5	3	75	0.01	< 10	< 10	25	< 5	110
S 05435	203	238	< 1	0.01	28	510	32	< 5	4	101	0.04	< 10	< 10	44	< 5	88
S 05436	203	238	1	0.01	20	460	72	< 5	2	35	0.01	< 10	< 10	31	< 5	106
S 05437	203	238	< 1	0.01	26	960	28	< 5	3	66	0.02	< 10	< 10	40	< 5	134
S 05438	203	238	1	0.01	23	220	72	< 5	2	19	< 0.01	< 10	< 10	33	< 5	95
S 05439	203	238	1	0.02	44	610	26	< 5	5	46	< 0.01	< 10	< 10	17	< 5	116
S 05440	203	238	1	0.01	20	580	26	< 5	4	53	0.01	< 10	< 10	31	< 5	90
S 05441	203	238	1	0.01	26	480	24	< 5	4	76	0.03	< 10	< 10	42	< 5	75
S 05442	203	238	1	0.02	34	570	34	5	6	83	< 0.01	< 10	< 10	28	< 5	96
S 05443	203	238	1	0.02	34	810	40	< 5	4	57	0.03	< 10	< 10	39	< 5	79
S 05444	203	238	3	0.02	30	570	52	5	4	166	< 0.01	< 10	< 10	19	< 5	111
S 05445	203	238	1	0.01	28	300	46	< 5	2	20	< 0.01	< 10	< 10	37	< 5	87
S 05446	203	238	1	0.01	20	320	76	< 5	2	7	0.01	< 10	< 10	56	< 5	65
S 05447	203	238	1	0.01	12	280	92	< 5	1	8	0.01	< 10	< 10	34	< 5	79
S 05448	203	238	2	0.01	16	220	152	5	1	14	< 0.01	< 10	< 10	26	< 5	75
S 05449	203	238	1	0.02	24	450	56	< 5	3	17	< 0.01	< 10	< 10	22	< 5	100
S 05450	203	238	< 1	0.01	6	240	52	< 5	1	8	0.02	< 10	< 10	35	< 5	33
S 05451	203	238	1	0.01	13	310	60	< 5	3	19	0.03	< 10	< 10	47	< 5	67

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : HGJV
Comments:

Page :6-A
Tot. Pages: 7
Date :22-NOV-88
Invoice # :I-8827257
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05452	203	238	< 5	1.55	0.4	25	100	< 0.5	< 2	0.02	< 0.5	7	66	16	3.47	< 10	< 1	0.22	50	0.27	127
S 05453	203	238	< 5	1.63	1.0	55	210	< 0.5	< 2	0.67	< 0.5	6	77	13	2.99	< 10	< 1	0.14	50	0.24	274
S 05454	203	238	10	1.92	1.0	30	200	< 0.5	2	0.89	0.5	7	63	18	3.56	< 10	< 1	0.11	40	0.39	566
S 05455	203	238	< 5	1.56	0.4	70	130	< 0.5	< 2	0.02	< 0.5	6	68	16	3.96	< 10	< 1	0.12	50	0.32	177
S 05456	203	238	< 5	1.26	0.2	115	130	< 0.5	< 2	0.12	< 0.5	5	79	16	4.46	< 10	< 1	0.13	50	0.23	198
S 05457	203	238	< 5	1.17	0.4	85	190	< 0.5	< 2	0.39	< 0.5	6	81	20	3.53	< 10	< 1	0.14	50	0.29	262
S 05458	203	238	< 5	1.24	0.2	10	110	< 0.5	< 2	0.05	< 0.5	6	144	12	4.06	< 10	< 1	0.21	50	0.15	434
S 05459	203	238	< 5	1.17	0.6	25	130	< 0.5	< 2	0.24	< 0.5	7	101	16	2.58	< 10	< 1	0.15	40	0.21	234
S 05460	203	238	< 5	1.54	0.4	40	200	< 0.5	< 2	1.02	< 0.5	7	91	25	2.75	< 10	< 1	0.15	40	0.46	499
S 05461	203	238	< 5	1.74	0.2	50	110	< 0.5	< 2	0.08	< 0.5	6	91	10	3.26	< 10	< 1	0.12	40	0.31	215
S 05462	203	238	< 5	1.58	0.2	< 5	100	< 0.5	2	0.06	< 0.5	7	103	14	2.86	< 10	< 1	0.18	40	0.45	175
S 05463	203	238	< 5	1.19	0.2	5	120	< 0.5	< 2	0.14	< 0.5	3	79	13	2.75	< 10	< 1	0.11	40	0.27	140
S 05464	203	238	< 5	1.22	0.2	110	100	< 0.5	< 2	0.04	< 0.5	5	65	22	4.71	< 10	< 1	0.16	50	0.21	187
S 05465	203	238	< 5	1.70	1.2	5	210	< 0.5	< 2	0.29	< 0.5	7	70	29	3.03	< 10	< 1	0.11	40	0.33	287
S 05466	203	238	< 5	1.59	1.2	40	190	< 0.5	4	0.30	< 0.5	20	77	41	3.26	< 10	1	0.13	50	0.31	701
S 05467	203	238	< 5	1.21	1.0	20	170	< 0.5	< 2	0.42	< 0.5	8	72	16	2.67	< 10	2	0.11	40	0.28	382
S 05468	203	238	< 5	0.93	1.0	40	170	< 0.5	2	0.91	< 0.5	8	59	17	2.98	< 10	1	0.10	40	0.22	823
S 05469	203	238	< 5	1.43	0.8	65	270	< 0.5	2	0.36	< 0.5	7	85	34	3.39	< 10	< 1	0.15	40	0.27	498
S 05470	203	238	< 5	1.07	0.2	90	130	< 0.5	2	0.12	< 0.5	8	96	20	3.20	< 10	< 1	0.14	40	0.26	526
S 05471	203	238	< 5	1.09	0.6	30	190	< 0.5	14	0.71	< 0.5	6	51	15	2.58	< 10	< 1	0.10	40	0.24	307
S 05472	203	238	< 5	0.89	0.8	55	160	< 0.5	< 2	0.21	< 0.5	8	67	25	3.30	< 10	< 1	0.15	60	0.22	356
S 05473	203	238	< 5	1.36	1.0	70	280	< 0.5	< 2	0.52	< 0.5	7	61	28	3.38	< 10	< 1	0.21	50	0.27	461
S 05474	203	238	< 5	1.26	0.8	35	200	< 0.5	< 2	0.30	< 0.5	7	80	24	3.16	< 10	< 1	0.15	40	0.26	437
S 05475	203	238	< 5	1.14	0.6	40	200	< 0.5	< 2	0.56	0.5	8	31	24	3.08	< 10	1	0.10	40	0.23	728
S 05476	203	238	< 5	1.15	1.2	30	170	< 0.5	< 2	1.05	< 0.5	8	48	28	2.67	< 10	< 1	0.12	40	0.26	622
S 05477	203	238	< 5	0.86	1.6	80	130	< 0.5	< 2	0.57	< 0.5	8	32	31	2.91	< 10	< 1	0.09	40	0.23	511
S 05478	203	238	< 5	1.36	0.4	45	140	< 0.5	< 2	0.27	< 0.5	7	51	25	3.11	< 10	< 1	0.11	50	0.42	236
S 05479	203	238	< 5	1.05	0.8	45	120	< 0.5	< 2	0.44	< 0.5	7	38	28	3.07	< 10	< 1	0.09	50	0.33	472
S 05480	203	238	< 5	1.18	1.0	70	180	< 0.5	< 2	1.10	< 0.5	8	27	27	2.93	< 10	< 1	0.11	40	0.26	555
S 05481	203	238	< 5	0.89	0.8	85	190	< 0.5	< 2	0.71	< 0.5	8	38	25	2.94	< 10	< 1	0.09	40	0.24	620
S 05482	203	238	< 5	1.16	0.8	35	240	< 0.5	< 2	0.71	0.5	7	26	27	3.30	< 10	< 1	0.12	40	0.28	448
S 05483	203	238	< 5	0.92	0.8	15	190	< 0.5	< 2	0.58	1.0	8	23	22	3.00	< 10	< 1	0.08	40	0.21	403
S 05484	203	238	< 5	0.82	0.8	25	170	< 0.5	< 2	0.72	1.0	7	28	23	3.17	< 10	< 1	0.09	50	0.27	649
S 05485	203	238	< 5	0.75	0.8	10	100	< 0.5	< 2	0.50	0.5	7	23	22	3.27	< 10	< 1	0.07	50	0.20	346
S 05486	203	238	< 5	0.64	0.6	< 5	110	< 0.5	< 2	0.47	1.0	8	27	18	2.99	< 10	< 1	0.08	40	0.16	479
S 05487	203	238	< 5	0.53	0.8	20	80	< 0.5	< 2	0.52	0.5	8	23	16	2.58	< 10	< 1	0.07	40	0.15	321
S 05488	203	238	< 5	0.54	0.6	30	90	< 0.5	< 2	0.52	0.5	8	26	18	2.63	< 10	< 1	0.07	40	0.16	363
S 05489	203	238	< 5	0.59	1.4	15	110	< 0.5	< 2	0.52	1.0	7	25	14	2.80	< 10	< 1	0.07	40	0.13	207
S 05490	203	238	< 5	0.83	0.6	15	190	< 0.5	< 2	1.18	1.0	8	35	20	2.76	< 10	< 1	0.10	40	0.32	425
S 05491	203	238	< 5	0.75	1.2	40	150	< 0.5	< 2	0.42	0.5	7	35	25	3.53	< 10	2	0.10	40	0.21	185

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Page : 6-B
Tot. Pgs: 7
Date : 22-NOV-88
Invoice # : I-8827257
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05452	203	238	3	0.01	13	320	74	< 5	2	8	< 0.01	< 10	< 10	38	< 5	59
S 05453	203	238	2	0.01	5	430	120	5	1	53	0.01	< 10	< 10	45	< 5	117
S 05454	203	238	< 1	0.01	21	640	96	5	3	62	0.03	< 10	< 10	48	< 5	188
S 05455	203	238	1	0.01	22	210	58	5	2	6	< 0.01	< 10	< 10	30	< 5	78
S 05456	203	238	3	0.01	22	350	30	< 5	1	14	< 0.01	< 10	< 10	36	< 5	83
S 05457	203	238	3	0.01	22	250	22	< 5	1	30	< 0.01	< 10	< 10	35	< 5	82
S 05458	203	238	2	0.02	18	690	36	< 5	1	11	0.01	< 10	< 10	68	< 5	81
S 05459	203	238	< 1	0.02	14	300	50	5	1	34	0.02	< 10	< 10	47	< 5	60
S 05460	203	238	2	0.01	28	550	30	< 5	3	71	0.02	< 10	< 10	39	< 5	77
S 05461	203	238	1	0.01	16	220	32	< 5	3	12	0.05	< 10	< 10	58	< 5	69
S 05462	203	238	2	0.01	22	240	26	< 5	1	11	0.01	< 10	< 10	40	< 5	65
S 05463	203	238	2	0.01	13	240	32	< 5	1	12	0.02	< 10	< 10	38	< 5	85
S 05464	203	238	1	0.01	18	290	52	< 5	2	8	< 0.01	< 10	< 10	45	< 5	132
S 05465	203	238	2	0.01	20	330	148	5	3	24	0.02	< 10	< 10	47	< 5	155
S 05466	203	238	1	0.01	28	400	248	< 5	4	31	0.02	< 10	< 10	36	< 5	132
S 05467	203	238	1	0.01	20	420	48	< 5	3	29	0.01	< 10	< 10	31	< 5	167
S 05468	203	238	2	0.01	25	630	116	5	3	57	< 0.01	< 10	< 10	20	< 5	113
S 05469	203	238	< 1	0.01	30	460	50	< 5	3	30	< 0.01	< 10	< 10	33	< 5	147
S 05470	203	238	3	0.01	19	420	26	< 5	1	12	< 0.01	< 10	< 10	26	< 5	83
S 05471	203	238	1	0.01	17	520	70	< 5	2	43	0.01	< 10	< 10	27	< 5	137
S 05472	203	238	< 1	0.01	21	500	52	< 5	3	18	< 0.01	< 10	< 10	20	< 5	169
S 05473	203	238	1	0.01	27	650	70	5	3	36	< 0.01	< 10	< 10	31	< 5	147
S 05474	203	238	2	0.01	27	560	76	5	3	24	0.01	< 10	< 10	31	< 5	149
S 05475	203	238	2	0.01	18	700	96	5	2	42	< 0.01	< 10	< 10	25	< 5	129
S 05476	203	238	1	0.01	21	750	118	5	2	64	< 0.01	< 10	< 10	24	< 5	139
S 05477	203	238	< 1	0.01	22	580	252	5	2	40	< 0.01	< 10	< 10	22	< 5	131
S 05478	203	238	2	0.01	30	450	100	10	3	22	0.03	< 10	< 10	36	< 5	96
S 05479	203	238	1	0.01	24	530	132	5	3	32	0.01	< 10	< 10	22	< 5	154
S 05480	203	238	2	0.01	23	720	146	5	3	68	0.01	< 10	< 10	28	< 5	196
S 05481	203	238	< 1	0.01	22	600	118	5	2	43	< 0.01	< 10	< 10	22	< 5	173
S 05482	203	238	2	0.01	27	760	84	10	3	48	< 0.01	< 10	< 10	28	< 5	197
S 05483	203	238	< 1	0.01	15	580	106	5	3	37	< 0.01	< 10	< 10	22	< 5	214
S 05484	203	238	< 1	0.01	19	670	96	5	3	40	< 0.01	< 10	< 10	24	< 5	217
S 05485	203	238	< 1	< 0.01	18	410	76	5	3	31	< 0.01	< 10	< 10	20	< 5	208
S 05486	203	238	2	< 0.01	17	480	104	5	3	31	< 0.01	< 10	< 10	15	< 5	238
S 05487	203	238	1	< 0.01	15	480	128	5	2	29	< 0.01	< 10	< 10	11	< 5	240
S 05488	203	238	< 1	< 0.01	12	490	104	5	1	30	< 0.01	< 10	< 10	11	< 5	217
S 05489	203	238	< 1	< 0.01	12	520	186	5	2	29	< 0.01	< 10	< 10	11	< 5	326
S 05490	203	238	< 1	0.01	19	640	82	10	2	58	< 0.01	< 10	< 10	22	< 5	190
S 05491	203	238	< 1	0.01	19	660	128	5	3	26	< 0.01	< 10	< 10	18	< 5	237

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Date : 22-NOV-88
Invoice # : I-8827257
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S 05492	203	238	< 5	0.63	0.6	50	80	< 0.5	< 2	0.25	< 0.5	8	43	16	3.22	< 10	< 1	0.11	40	0.17	315
S 05493	203	238	< 5	1.07	1.0	160	160	< 0.5	< 2	0.20	< 0.5	6	51	26	3.94	< 10	< 1	0.15	60	0.22	223
S 05494	203	238	10	1.04	0.6	150	150	< 0.5	2	0.09	< 0.5	7	38	26	4.08	< 10	< 1	0.11	50	0.22	228

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CERTIFICATE OF ANALYSIS A8827257

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S 05492	203	238	< 1	0.01	12	470	82	< 5	1	18	< 0.01	< 10	< 10	10	< 5	181
S 05493	203	238	1	0.01	23	310	346	15	2	16	< 0.01	< 10	< 10	24	< 5	112
S 05494	203	238	< 1	0.01	21	420	318	15	2	10	< 0.01	< 10	< 10	22	< 5	107

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Tot. P. : 1
Date : 16-SEP-88
Invoice # : I-8822662
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822662

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Ag FA oz/T	Cu %
S					
S5501	207	--	0.020	0.04	-----
S5502	207	--	0.028	0.01	-----
S5503	207	--	< 0.003	< 0.01	-----
S5504	207	--	< 0.003	0.01	-----
S5505	207	--	0.012	0.18	-----
S5506	207	--	< 0.003	0.04	-----
S5507	207	--	0.006	0.10	-----
S5509	207	--	< 0.003	0.11	-----
S5510	207	--	< 0.003	0.08	-----
S5511	207	--	< 0.003	0.03	-----
S5512	207	--	0.028	0.84	-----
S5514	207	--	0.022	0.14	< 0.01
S 755	207	--	0.004	0.03	-----
S 756	207	--	0.004	0.02	-----
S 757	207	--	< 0.003	0.04	-----
S 758	207	--	< 0.003	0.07	-----
S 759	207	--	< 0.003	0.04	-----
S 760	207	--	< 0.003	0.09	-----
S 761	207	--	0.004	0.08	-----
S 762	207	--	< 0.003	0.03	-----
S 763	207	--	< 0.003	0.08	-----
S 764	207	--	< 0.003	0.06	-----
S 765	207	--	< 0.003	0.08	-----
S 766	207	--	< 0.003	0.06	-----

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Date : 12-SEP-88
Invoice # : I-8822661
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CERTIFICATE OF ANALYSIS A8822661

SAMPLE DESCRIPTION	PREP CODE		Au oz/T RUSH FA	Ag oz/T RUSH FA	Cu %
S 5508 DDH-88-1	236	--	0.064	0.10	0.04
S 5513 DDH-88-2	236	--	0.012	0.07	< 0.01

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Invoice # : I-8822847
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822847

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 5515	207	--	0.026
S 5516	207	--	0.004
S 5517	207	--	< 0.002
S 5518	207	--	0.004
S 5519	207	--	0.002
S 5520	207	--	< 0.002
S 5521	207	--	0.002
S 5522	207	--	0.004
S 5523	207	--	0.008
S 5524	207	--	0.008
S 5525	207	--	0.002
S 5526	207	--	0.002
S 5527	207	--	< 0.002
S 5528	207	--	0.002
S 5529	207	--	0.004

DDH-2

DDH-3

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Invoice # : I-8823193
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8823193

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
S-05530	207	--	0.014
S-05531	207	--	0.010
S-05532	207	--	0.005
S-05533	207	--	0.004
S-05534	207	--	< 0.002
S-05535	207	--	< 0.002
S-05536	207	--	0.010
S-05537	207	--	0.009
S-05538	207	--	0.005
S-05539	207	--	< 0.002
S-05540	207	--	0.009
S-05541	207	--	0.011
S-05542	207	--	< 0.002
S-05543	207	--	< 0.002
S-05544	207	--	0.007
S-05545	207	--	< 0.002
S-05546	207	--	0.008
S-05547	207	--	0.005
S-05548	207	--	0.004
S-05549	207	--	< 0.002
S-05550	207	--	0.020

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CERTIFICATE OF ANALYSIS A8824272

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 5551	208	--	0.004
S 5552	208	--	0.002
S 5553	208	--	0.005
S 5554	208	--	0.003
S 5555	208	--	0.005
S 5556	208	--	0.004
S 5557	208	--	0.004
S 5558	208	--	0.008
S 5559	208	--	0.006
S 5560	208	--	0.003
S 5561	208	--	0.034
S 5562	208	--	0.020
S 5563	208	--	0.004
S 5564	208	--	0.007
S 5565	208	--	0.004
S 5566	208	--	0.008
S 5567	208	--	0.003
S 5568	208	--	0.019
S 5601	208	--	< 0.002
S 5602	208	--	< 0.002
S 5603	208	--	0.003
S 5604	208	--	0.005
S 5605	208	--	0.005
S 5606	208	--	0.002
S 5607	208	--	0.005
S 5608	208	--	0.005
S 5609	208	--	0.019
S 5610	208	--	0.017
S 5611	208	--	0.018
S 5612	208	--	0.016
S 5613	208	--	0.007
S 5614	208	--	0.027
S 5615	208	--	0.010
S 5616	208	--	0.085
S 5617	208	--	0.096
S 5618	208	--	0.015
S 5619	208	--	0.055
S 5665	208	--	0.003
S 5666	208	--	0.003
S 5667	208	--	0.004

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CERTIFICATE OF ANALYSIS A8824272

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T
S 5668	208	--	0.002
S 5669	208	--	0.002
S 5670	208	--	0.004
S 5671	208	--	0.006
S 5672	208	--	0.017
S 5673	208	--	0.021
S 5674	208	--	0.090
S 5675	208	--	0.003
S 5676	208	--	0.004
S 5677	208	--	0.004
S 5678	208	--	0.005
S 5679	208	--	0.004
S 5680	208	--	0.005
S 5681	208	--	0.010
S 5682	208	--	0.007
S 5683	208	--	0.017
S 5684	208	--	0.009
S 5685	208	--	0.020
S 5686	208	--	0.004
S 5687	208	--	0.002
S 5688	208	--	0.005
S 5689	208	--	0.005
S 5690	208	--	0.002
S 5691	208	--	0.027
S 5692	208	--	0.029

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CERTIFICATE OF ANALYSIS A8824271

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 5620	203	--	< 5
S 5621	203	--	< 5
S 5622	203	--	< 5
S 5623	203	--	< 5
S 5624	203	--	< 5
S 5625	203	--	< 5
S 5626	203	--	< 5
S 5627	203	--	< 5
S 5628	203	--	< 5
S 5629	203	--	< 5
S 5630	203	--	< 5
S 5631	203	--	< 5
S 5632	203	--	< 5
S 5633	203	--	< 5
S 5634	203	--	< 5
S 5635	203	--	< 5
S 5636	203	--	< 5
S 5637	203	--	< 5
S 5638	203	--	20
S 5639	203	--	< 5
S 5640	203	--	< 5
S 5641	203	--	< 5
S 5642	203	--	< 5
S 5643	203	--	< 5
S 5644	203	--	< 5
S 5645	203	--	< 5
S 5646	203	--	15
S 5647	203	--	130
S 5648	203	--	10
S 5649	203	--	50
S 5650	203	--	140
S 5651	203	--	140
S 5652	203	--	85
S 5653	203	--	25
S 5654	203	--	50
S 5655	203	--	50
S 5656	203	--	140
S 5657	203	--	45
S 5658	203	--	50
S 5659	203	--	15

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Y1A 3S9
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Comments:

Page N
Tot. Pa.
Date 9-SEP-88
Invoice # : I-8824271
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824271

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S 5660	203	--	< 5
S 5661	203	--	35
S 5662	203	--	15
S 5663	203	--	15
S 5664	203	--	< 5

CERTIFICATION : Thank Vose

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

ARCHER CATHRO & ASSOC. (1981) LTD.
OX 4127
WHITEHORSE, Y.T.
Y1A 3S9
Project : HGJV
Comments:

Page N 1
Tot. P.
Date 4-OCT-88
Invoice # : I-8824172
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824172

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Cu %
S 5730	207	--	0.004	-----
S 5731	207	--	0.059	-----
S 5732	207	--	0.057	-----
S 5733	207	--	0.047	-----
S 5734	207	--	0.012	-----
S 5735	207	--	0.059	-----
S 5736	207	--	0.029	-----
S 5737	207	--	0.205	-----
S 5738	207	--	0.184	-----
S 5739	207	--	0.225	-----
S 5740	207	--	0.148	-----
S 5741	207	--	0.034	-----
S 5742	207	--	0.029	-----
S 5743	207	--	0.029	-----
S 5744	207	--	0.018	-----
S 5745	207	--	0.037	-----
S 5746	207	--	0.003	-----
S 5747	207	--	0.019	-----
S 5748	207	--	0.026	-----
S 5749	207	--	0.024	-----
S 5750	207	--	0.032	-----
S 5751	207	--	0.019	-----
S 5752	207	--	0.020	-----
S 5753	207	--	0.026	-----
S 5754	207	--	0.038	-----
S 5755	207	--	0.004	-----
S 5756	207	--	0.014	-----
S 5757	207	--	0.033	-----
S 5758	207	--	< 0.002	-----
S 5759	207	--	< 0.002	-----
S 5760	207	--	< 0.002	-----
S 5761	207	--	0.003	-----
S 5762	207	--	< 0.002	-----
S 5693	207	--	0.018	-----
S 5694	207	--	0.027	-----
S 5695	207	--	0.021	-----
S 5696	207	--	0.017	-----
S 5697	207	--	0.020	-----
S 5698	207	--	< 0.002	-----
S 5699	207	--	0.013	-----

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

CERTIFICATION : B. Swaite

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ARCHER CATHRO & ASSOC. (1981) LTD.
4127
WHITEHORSE, Y.T.
Y1A 3S9
Project : HGJV
Comments:

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Date -OCT-88
Invoice # : I-8824172
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824172

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Cu %
S 5700	207	--	0.036	-----
S 5701	207	--	0.007	-----
S 5702	207	--	< 0.002	-----
S 5703	207	--	0.024	-----
S 5704	207	--	0.017	-----
S 5705	207	--	< 0.002	-----
S 5706	207	--	0.005	-----
S 5763+S 5706	207	--	< 0.002	0.41

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION : B.L. Swarte

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
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To: R CATHRO & ASSOC. (1981) LTD.
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Y1A 3S9
Project : HGJV
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Page No.
Tot. Pages:
Date : 27-SEP-88
Invoice # : I-8824194
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8824194

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
S-5707	203	--	70
S-5708	203	--	20
S-5709	203	--	50
S-5710	203	--	65
S-5711	203	--	65
S-5712	203	--	270
S-5713	203	--	150
S-5714	203	--	180
S-5715	203	--	20
S-5716	203	--	25
S-5717	203	--	< 5
S-5718	203	--	305
S-5719	203	--	210
S-5720	203	--	2990
S-5721	203	--	1670
S-5722	203	--	2930
S-5723	203	--	835
S-5724	203	--	7910
S-5725	203	--	905
S-5726	203	--	90
S-5727	203	--	5260
S-5728	203	--	910
S-5729	203	--	250

CERTIFICATION : Bruce Vonk

APPENDIX IV

DRILL LOGS

HOLE NO.:

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DIAMOND DRILL HOLE LOG

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

DEPTH:

CORE SIZE:

GRID LOCATION:

DIP:

AZIMUTH:

TARGET:

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au ($^{oz}/_{T}$)	Ag ($^{oz}/_{T}$)	

LEGEND

ALTERATION

Amount

NIL _____ N

LOW _____ L

FAIR _____ F

MODERATE _____ M

ABOVE AVERAGE _____ A

HIGH _____ H

HOLE NO.: DDH-88-P-1 p.1	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH: 254 FEET
	DIAMOND DRILL HOLE LOG	CORE SIZE: NQ
GRID LOCATION: 29+66m N 27+11m E	HYLAND GOLD PROPERTY	DIP: -50°
	QUARTZ LAKE, YUKON	AZIMUTH: 102°

TARGET: MINERALIZED FAULT ZONE

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
10		3%	QUARTZITE ; SILICIC-ALTERATION (M) ; PARTLY BRECCIATED.		
20		2%	QUARTZITE ; BANDED CHERT ; SILICIC - ALTERATION (H)		
		1%	INTERBEDDED PHYLLITE & QUARTZITE ; SILICIC ALT'N. (A)		
30	?~~?	Ø			
40		10%	BANDED-CHERT ; SILICIC - ALTERATION (H).		
		30%			
		50%			
		100%		.020	
50		11%			
		17%			
60		100%			
		25%	PHYLLITE ; ARGILLIC ALTERATION (A) SILICIC ALTERATION (L)		
		17%		N.S.	
70		60%			
		58%			
80		80%			
		95%			
90		98%			
				.028	
100		83%	INTERBEDDED PHYLLITE & QUARTZITE ; ARGILLIC ALTERATION (L) SILICIC ALTERATION (F)		
110				<.003	

HOLE NO.: DDH-88-P-1 p. 2	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH:
	DIAMOND DRILL HOLE LOG	CORE SIZE:
GRID LOCATION:	HYLAND GOLD PROPERTY	DIP:
	QUARTZ LAKE, YUKON	AZIMUTH:

TARGET:

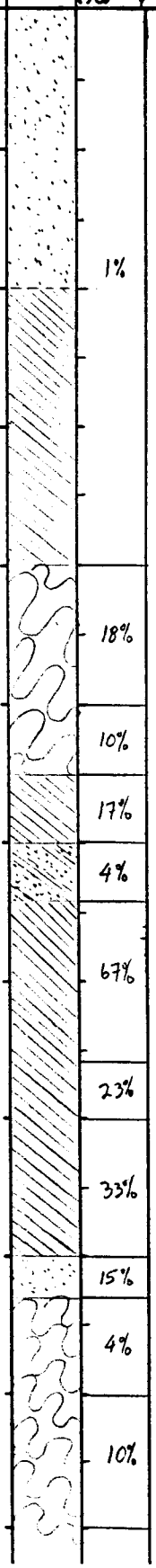
DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		83%	INTERBEDDED PHYLLITE & QUARTZITE; ARGILLIC ALTERATION (L) SILICIC " (F)	<.003	
110			← ±30% LIMONITE AT BREAK		
		98%		<.003	
120		33%			
		16%			
			QUARTZITE; ARGILLIC ALT'N.(M); SILICIC ALT'N.(F)	N.S.	
130		3%	CHERT; SILICIC ALTERATION (H)		
		8%			
140		5%	FAULT ZONE; CLAY GOUGE & QUARTZITE; ARGILLIC ALT'N.(H) SILICIC ALT'N.(H)	.012	.18
		12%		N.S.	
		75%			
150		20%			
		45%	QUARTZITE; CRACKLE-BRECCIA(F); SILICIC ALT'N.(A)	<.003	
		22%			
		25%			
		58%			
160		98%			
		42%			
		7%			
		6%			
170		62%			
		4%		N.S.	
180		28%			
		8%			
190		53%	QUARTZITE; SILICIC ALTERATION(A); 1-3% PYRITE.		
		46%			
		8%			
		58%			
		25%			
200		75%		.006	
210					

HOLE NO.: DDH-88-P-1 (p.3)	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH:
	DIAMOND DRILL HOLE LOG	CORE SIZE:
GRID LOCATION:	**HYLAND GOLD PROPERTY**	DIP:
	QUARTZ LAKE, YUKON	AZIMUTH:
TARGET:		

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		29%			
		79%	QUARTZITE; SILICIC ALTERATION (A); ARGILLIC ALTERATION (A)	.006	.10
		39%			
210		43%	PYRITE (55%): SANDED; CLAY-ALT'D. PHYLLITE (25%); QUARTZ GRAINS (20%); ARGILLIC ALTERATION (H). PYRITE (75%): SILTED. PYRITE (50%)	.064	.10
		58%			
		100%			
220		67%	INTERBEDDED QUARTZITE & PHYLLITE; ARGILLIC ALT'N. (M) LIMONITIC (VEINS) (M).	<.003	.11
		83%			
		75%			
230		91%	PHYLLITE; ARGILLIC ALTERATION (L); TRACE SIDERITE (FRX).	<.003	
		100%			
240		75%			
		89%	QUARTZITE W/ THIN INTERBEDDED PHYLLITE	<.003	
250		100%			
		END			
260					

HOLE NO.: DDH-88-P-2	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH: 306 FEET
GRID LOCATION: 27+35m N, 27+45m E	**DIAMOND DRILL HOLE LOG** **HYLAND GOLD PROPERTY** QUARTZ LAKE, YUKON	CORE SIZE: HQ TO 162 FEET, NQ TO 306 FEET
		DIP: -50°
		AZIMUTH: 102°

TARGET: MINERALIZED ZONE OF SCORODITE-VEIN-BEARING, SILICA-ENRICHED QUARTZITE & PHYLLITE.



DEPTH (feet)	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
10		QUARTZITE; SILICIC ALTERATION (M)		
20	1%			
30		PHYLLITE; ARGILLIC ALTERATION (L)→(M)		
40				
	18%	FAULT ZONE; SILT & CLAY SIZED PARTICLES; LIMONITIC (A)		
50	10%			
	17%	PHYLLITE; ARGILLIC ALTERATION (A)		
60	4%	QUARTZITE; SILICIC ALTERATION (M)		
	67%		.028	.84
70		PHYLLITE; ARGILLIC ALTERATION (A)		
	23%			
80	33%			
90	15%	QUARTZITE; SILICIC ALTERATION (M)		
	4%			
100	10%	SAND & CLAY SIZED PARTICLES: FAULT GOUGE; ARGILLIC ALT'N. (A); SILICIC ALT'N. (M).		
110				

HOLE NO.: DDH-88-P-2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DIAMOND DRILL HOLE LOG

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

DEPTH:

CORE SIZE:

DIP:

AZIMUTH:

GRID LOCATION:

TARGET:

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
110		10%			
		1%	CLAY GOUGE; SUB-ROUNDED SAND & CLAY; ARGILLIC ALT'N.(H)		
		1.5%			
120		1%			
		8%			
130		4%			
		3%	QUARTZITE; BRECCIATED; SILICIC ALT'N.(A); SCORODITE(5%); LIMONITE (2%)		
140		13%	QUARTZITE; CHERT; QUARTZ; BRECCIATED(M); SILICIC ALT'N.(H)		
		29%	QUARTZITE (SANDED) & CLAY GOUGE; SILICIC ALT'N.		
150		100%		.012	
		83%			
		39%	QUARTZITE; SILICIC ALTERATION(A); PYRITIC (10%).	.022	.14
160		67%			
		95%		.026	
		75%	95%		
170		38%			
		100%		.004	
		67%			
		100%			
180		67%			
		100%	PHYLLITE; ARGILLIC ALTERATION(L); PY/QZ VEINS(<<1%).		
190		90%			
200		100%			
210					

HOLE NO.: DD4-88-P-2 (P-2)

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DIAMOND DRILL HOLE LOG

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

DEPTH:

CORE SIZE:

DIP:

AZIMUTH:

GRID LOCATION:

TARGET:

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
210			PHYLLITE; ARGILLIC ALTERATION (L)	<.002	
220			LIMESTONE; 6% CALCITE VEINS;	.004	
230				.002	
240		100%	SIDERITE; PYRITE (<1 → 4%) (VEINS); PYRRHOTITE (minor); NATIVE COPPER (trace)	<.002	
250				.002	
260			← PYRITE VEIN (8mm).	.004	
270			← LIMESTONE ← PHYLLITE	.008	
280			SIDERITE; OXIDATION 15%; PYRITIC/LIMONITIC; INTERBEDDED PHYLLITE (THIN).	.008	
290			INTERBEDDED LIMESTONE & PYRITIC SIDERITE W/ THIN PHYLLITE.	.002	
300				.002	
310					

HOLE NO.: DDH-88-P-3

GRID LOCATION: 27+35.5N 27+32.5E

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DIAMOND DRILL HOLE LOG

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

DEPTH: 330 FEET

CORE SIZE: HQ TO 148 FEET, NQ TO 330 FEET

DIP: -50°

AZIMUTH: 282°

TARGET: MINERALIZED FAULT ZONE AND LIMONITIC QUARTZITE BRECCIA

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
10		ø			
20					
30		<1%			
40		75%		<.002	
		100%	TURBIDITIC PHYLLITE & QUARTZITE; ARGILLIC ALT'N. (L).		
50		90%		.002	
60		71%		.004	
		100%			
		63%			
		50%			
70		11%		.014	
		56%	QUARTZITE; SILICIC ALTERATION (M).	.010	
		90%			
		50%		N.S.	
80		78%	PHYLLITE;	.005	
		29%		N.S.	
		92%	QUARTZITE; SILICIC ALTERATION (A).		
90		52%	PHYLLITE;	.004	
		90%	← VEIN: MASSIVE ARSENOPYRITE; 2% PYRRHOTITE; SCORODITE (minor) (2cm).	<.002	
100		67%	PHYLLITE;	<.002	
		76%			
110					

HOLE NO.: DDH-88-P-3 p.2	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH:
	DIAMOND DRILL HOLE LOG	CORE SIZE:
GRID LOCATION:	**HYLAND GOLD PROPERTY**	DIP:
	QUARTZ LAKE, YUKON	AZIMUTH:
TARGET:		

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		67%	PHYLLITE; MINOR Q Z. VEINS; LIMONITE CASHES; ARGILLIC ALT'N.(L)	<.002	
		76%	← LIMONITIC CLAY GOUGE.		
110		30%	← QUARTZITE; SILICIC ALTERATION (A)→(H).		
120					
130	∿∿?	ø			
140					
			← QUARTZITE; SILICIC ALTERATION (A); SCORODITE (TRACE).		
150		25%	PHYLLITE.		
		23%			
		46%			
		38%			
		29%			
160			QUARTZITE; SILICIC ALTERATION (M)→(H); SCORODITE (TRACE); QUARTZ VEIN BRECCIATION;		
		50%		.010	
		22%			
170		14%	QUARTZITE; SILICIC ALT'N. (H); SCORODITE (TR).		
		24%			
180		28%			
		11%	QUARTZITE; SILICIC ALTERATION (H); THIN PHYLLITE INTERBEDS; SCORODITE (minor).		
		53%			
190		75%			
		13%			
		96%	PHYLLITE; TURBIDITIC; SILICIC ALT'N. (M)		
200			PHYLLITE & CHERT; TURBIDITIC; SILICIC ALT'N. (H); SCORODITE (TRACE)	.009	
		58%			
			QUARTZITE; SILICIC ALTERATION (H); SCORODITE (TRACE).		
		6%			
210					

HOLE NO.: DDH-88-P-3 p. 3	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH:
	DIAMOND DRILL HOLE LOG	CORE SIZE:
	HYLAND GOLD PROPERTY	DIP:
GRID LOCATION:	QUARTZ LAKE, YUKON	AZIMUTH:
TARGET:		

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		58%		.009	
		6%		N.S.	
210		61%		.005	
		87%	QUARTZITE & PHYLLITE; SILICIC ALTERATION (M) → (A); ARGILLIC ALT'N. (L); PYRITE (1%) (VEINS); SCORODITE (TRACE).		
		83%			
220		75%		<.002	
		80%			
		Ø		N.S.	
230		88%		.009	
		83%			
		75%			
		100%	← BROWN CHERT; SILICIC ALT'N. (H); 2% PYRITE (VEINS).	.011	
240		98%			
		100%		<.002	
		63%	QUARTZITE & INTERBEDDED PHYLLITE; PARTLY TURBIDITIC; SILICIC ALTERATION (H); PYRITE (2%) (VEINLETS); SCORODITE (TRACE).		
		47%		<.002	
250		100%			
		83%			
		76%	QUARTZ, CHERT; SILICIC ALT'N. (H); SCORODITE (TRACE); PYRITE (10%) VEINS.	.007	
260		92%			
		61%			
270		100%	PHYLLITE & PYRITE (8%) (VEINS); SILICIC ALTERATION (A); MINOR THIN INTERBEDDED QUARTZITE.	<.002	
				.008	
280		96%			
		88%			
		85%		.005	
290		80%	DK. GREY QUARTZ; BROWN CHERT; PYRITE (10%) (VEINS); MINOR BRECCIATN. SILICIC ALTERATION (H).		
		85%			
300		100%		.004	
		90%	QUARTZITE; PYRITE (5%); SILICIC ALTERATION (F); ARGILLIC ALTERATION (F); GRAPHITIC (minor).		
		85%			
310		91%			

HOLE NO.: p.4 DDH-88-P-3	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH:
	DIAMOND DRILL HOLE LOG	CORE SIZE:
GRID LOCATION:	HYLAND GOLD PROPERTY	DIP:
	QUARTZ LAKE, YUKON	AZIMUTH:

TARGET:

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		100%			
		90%		.004	
		85%	QUARTZITE; PYRITE (6%); SILICIC ALT'N. (F); ARGILLIC ALT'N. (F).		
310		91%		<.002	
		100%			
		89%			
320		100%	QUARTZITE & THIN INTERBEDS OF WEAKLY GRAPHITIC PHYLLITE; MINOR TURBIDITY; PYRITE (<1 → 1%); SILICIC ALT'N (F).	.020	
		50%			
330					

HOLE NO.: P1 DDH-83-P-4	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH: 315 FEET
	# DIAMOND DRILL HOLE LOG	CORE SIZE: HQ TO 208 FEET, NQ TO 315 FEET
GRID LOCATION: 30+65 N, 27+74 E	## HYLAND GOLD PROPERTY	DIP: -50°
	QUARTZ LAKE, YUKON	AZIMUTH: 080°

TARGET: A FAULT (ASSOCIATED WITH MINERALIZATION TO THE NORTH), BURIED BY DEEP TILL FORMS THE WESTERN BOUNDARY OF MINERALIZED QUARTZITE BRECCIA.

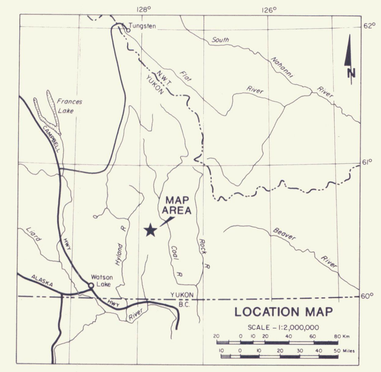
DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		Ø			
10		17%	QUARTZITE; SILICIC ALT'N.(M).		
		1%	PHYLLITE; THIN CHERT INTERBEDS; SILICIC ALT'N.(F).		
20		10%			
		90%			
		Ø			
30		69%	PHYLLITE; SILICIC ALTERATION (F); ARGILLIC ALT'N. (F).		
		83%			
		20%	CHERTY QUARTZITE; QUARTZ; WHITE QUARTZ VEINS (10%); SILICIC ALT'N. (M).		
		Ø			
40		90%			
				.004	
		30%	PHYLLITE; THIN INTERBEDDED QUARTZITE; SILICIC ALT'N.(F).		
50		100%			
		52%		.002	
		86%			
60		13%	BROWN CHERT; WHITE QUARTZ; SILICIC ALTERATION (H).		
		39%			
		Ø			
70		9%			
			CHERTY QUARTZ; QUARTZITE; SILICIC ALTERATION (H); SCORODITE (TRACE); MINOR BRECCIA ZONES.		
80		30%			
		83%			
		58%			
				.019	
		13%			
		19%			
90		29%			
		40%			
		Ø			
		33%			
100		Ø			
		<1%			
110					

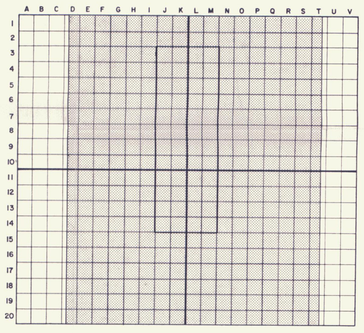
HOLE NO.: P.2 DDH-88-P-4	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED DIAMOND DRILL HOLE LOG HYLAND GOLD PROPERTY QUARTZ LAKE, YUKON	DEPTH:
		CORE SIZE:
GRID LOCATION:		DIP:
		AZIMUTH:
TARGET:		

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		Ø			
		21%	QUARTZ; CHERT.		
110		5%			
		25%	PHYLLITE; CHERT/QUARTZ VEINS; ARGILLIC ALTERATION (A).		
120		21%	LIMONTIC CLAY GOUGE; QUARTZ ROCK FRAGMENTS.		
		39%	PHYLLITE; CHERT/QUARTZ ROCK FRAGMENTS (15%); ARGILLIC ALT'N. (A); SILICIC ALT'N. (M).		
		18%			
130		10%	PHYLLITE; ARGILLIC ALTERATION (M); SILICIC ALTERATION (F).		
		Ø			
140		4%	CHERT, QUARTZ, QUARTZITE; SILICIC ALTERATION (H); ARGILLIC ALTERATION (F); SCORODITE (minor).		
150		6%			
		18%	PHYLLITE; SILICIC ALT'N. (F); ARGILLIC ALT'N. (F); SCORODITE (TRACE).		
160		8%			
		39%			
170		100%	QUARTZITE; BROWN CHERT; INTERBEDDED GRAPHITIC PHYLLITE; SILICIC ALTERATION (H); PYRITE (10%) (VEIN STOCKWORK); ARGILLIC ALT'N. (A).	.005	
180		87%		.003	
		63%	QUARTZITE; CRACKLE-BRECCIA; VEIN BRECCIA; SILICIC ALT'N. (H); PYRITE (5%) (VEIN STOCKWORK).	.005	
190		87%			
		77%		.004	
		70%	QUARTZITE; THIN LAMINATIONS OF GRAPHITIC PHYLLITE; SILICIC ALTERATION (A); ARGILLIC ALTERATION (F); PYRITE (2%).		
200		47%			
		33%			
		31%			
210		75%			

HOLE NO.: DDH-88-P-4 (p. 3)	ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	DEPTH:
	DIAMOND DRILL HOLE LOG	CORE SIZE:
GRID LOCATION:	HYLAND GOLD PROPERTY	DIP:
	QUARTZ LAKE, YUKON	AZIMUTH:
TARGET:		

DEPTH (feet)	VISUAL LOG	RECOVERY (%)	LITHOLOGY	Au (oz/T)	Ag (oz/T)
		33%	QUARTZITE; PYRITE (5%); SILICIC ALT'N. (H);		
		31%			
		75%			
210		62%	QUARTZITE; BRECCIA; SILICIC ALTERATION (M); ARGILLIC ALT'N. (M).		
		83%	QUARTZ; QUARTZITE; PYRITE (3%) (VEINS); SILICIC ALT'N. (H).		
		86%		.004	
220		93%	← QUARTZITE & GRAPHITIC CLAY; PYRITE (3%); ARGILLIC ALT'N (H); SILICIC ALT'N. (A).		
		58%			
		55%		.008	
		33%			
230		90%	QUARTZ; QUARTZITE; PYRITE (3%) (VEINS); SILICIC ALTERATION (H).		
		100%		.006	
		83%			
240		78%			
		100%			
		82%	QUARTZ; QUARTZITE; SILICIC ALT'N. (H); PYRITE (5%) (VEINS).	.003	
250		98%	PYRITE (50%); SILICIC ALTERATION (H).		
		100%	PYRITE (5%); ARGILLIC ALT'N. (H); GRAPHITIC (A);	.034	
260		97%			
		87%	QUARTZ; QUARTZITE; SILICIC ALTERATION (H); PYRITE (10%)	.020	
270		100%	← PYRITE (50%).		
		73%			
		53%	PHYLLITE; GRAPHITIC (A); SILICIC ALT'N. (L); ARGILLIC ALT'N. (F). PYRITE (1%).	.004	
280					
			QUARTZITE; THIN, BROKEN INTERBEDDED PHYLLITE; PYRITE (1%) (VEINS); SILICIC ALT'N. (M).	.007	
		92%	PHYLLITE; TURBIDITIC; INTERBEDDED QUARTZITE; PYRITE (2%) (VEINS); SILICIC ALTERATION (M);		
290			QUARTZ; QUARTZITE; PYRITE (3%) (VEINS); SILICIC ALT'N. (H).		
		40%	GRAPHITIC (F); PYRITIC (2%); SILICIC ALT'N. (F).	.004	
300			← PYRITE (55%); SILICIC ALTERATION (H).		
		97%			
		88%	QUARTZITE;	.008	
310		100%		.003	
315					





QUIVER CLAIMS
HYLAND GOLD JOINT VENTURE

SOW CLAIMS
HYLAND GOLD JOINT VENTURE

PIGLET CLAIMS
HYLAND GOLD JOINT VENTURE

BOAR CLAIMS
HYLAND GOLD JOINT VENTURE

BOAR CLAIMS
HYLAND GOLD JOINT VENTURE

HGJV CAMP

HAM 1F
HAM 2F
HAM 3F
HAM 4F
HAM 5F
HAM 6F
HAM 7F
HAM 8F
HAM 9F
HAM 10F
HAM 11F

LAKE
QUARTZ
ROY
LAKE

(148+00N)
(140+00N)
(132+00N)
(124+00N)
(116+00N)
(108+00N)
(100+00N)
(92+00N)
(84+00N)
(76+00N)
(68+00N)
(60+00N)
(pre-1987 grid co-ordinates in feet)

40+00m N
30+00m N
20+00m N

20+00mE
30+00mE
40+00mE

51'
127°50'
49'
60°30'

LEGEND

- 4WD road
- Cat track
- 88P35 — Cat trench (to bedrock)
- Cat trench (not to bedrock)
- (2), "26" — Trench Number (1987, 1988)
- Diamond Drill Hole

CLAIMS

PIGLET 1-32
QUIVER 1, 2, 11, 12, 21-25, 30, 32, 34
SOW 1-5
BOAR 1-28
HAM 1F-11F (fractions)

Dec 22/88

Figure 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

HYLAND GOLD PROPERTY

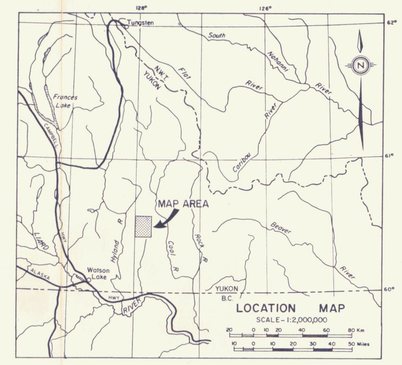
HYLAND GOLD JOINT VENTURE

100 0 50 100 200 300 400 Metres
100 0 50 100 200 300 400 Yards

(288)

To accompany report dated December 1988

092664



LEGEND

- •45 Soil sample location (ppb Au)
- ×32 Silt sample location (ppb Au)
- Contact (observed)
- Contact (approximate or assumed)
- Normal Fault
- Thrust Fault
- ★ Au Mineral occurrence with commodity

Lithologies

CAMBRIAN-NEOPROTEROZOIC

Hl (1a)
Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
ls siderite
lm 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).

Dec 24/88 Dec 22/88

Figure 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

HYLAND GOLD PROPERTY

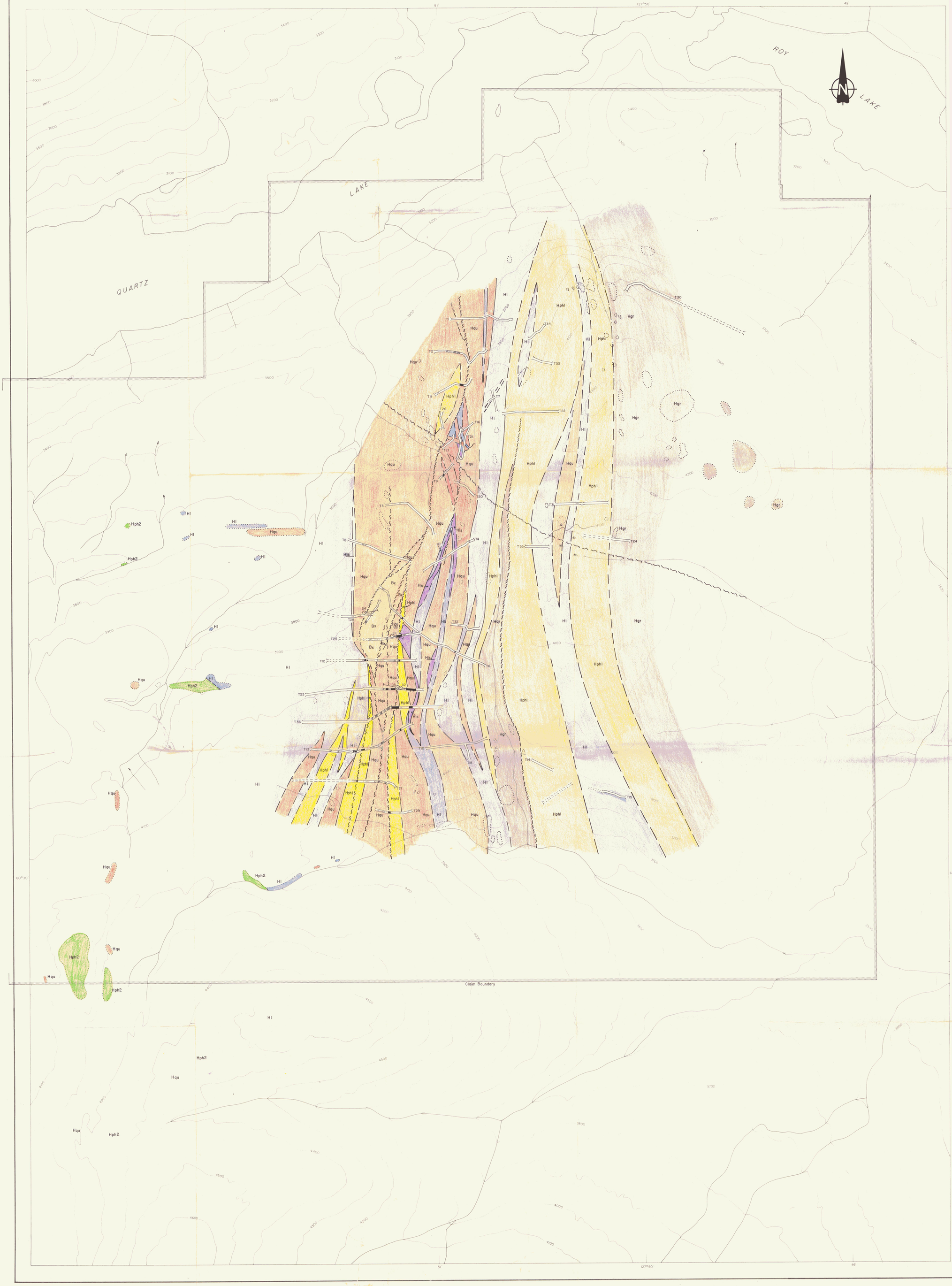
QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE - 1:20,000
500 0 500 1000 1500 Metres
1/2 1/4 0 1/4 1/2 Miles

290

To accompany report dated December, 1988



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	6.8	.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
- buildozer trench (not to bedrock, to bedrock) T28
- diamond drill hole D4

Lithologies

CAMBRIAN-HADRYNIAN

Hl (1a)
Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
ls siderite
1m 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; Hqu(a) - strong silicic alteration; Hqu(bx) - brecciated

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).

TRENCH ASSAY SYMBOLS

- ≥ 0.35 < 0.85 grams/tonne Au
- ≥ 0.85 < 1.70 grams/tonne Au
- ≥ 1.70 grams/tonne Au

Jack Dodds Dec 22/88

Wilson Dec 22/88

Figure 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY

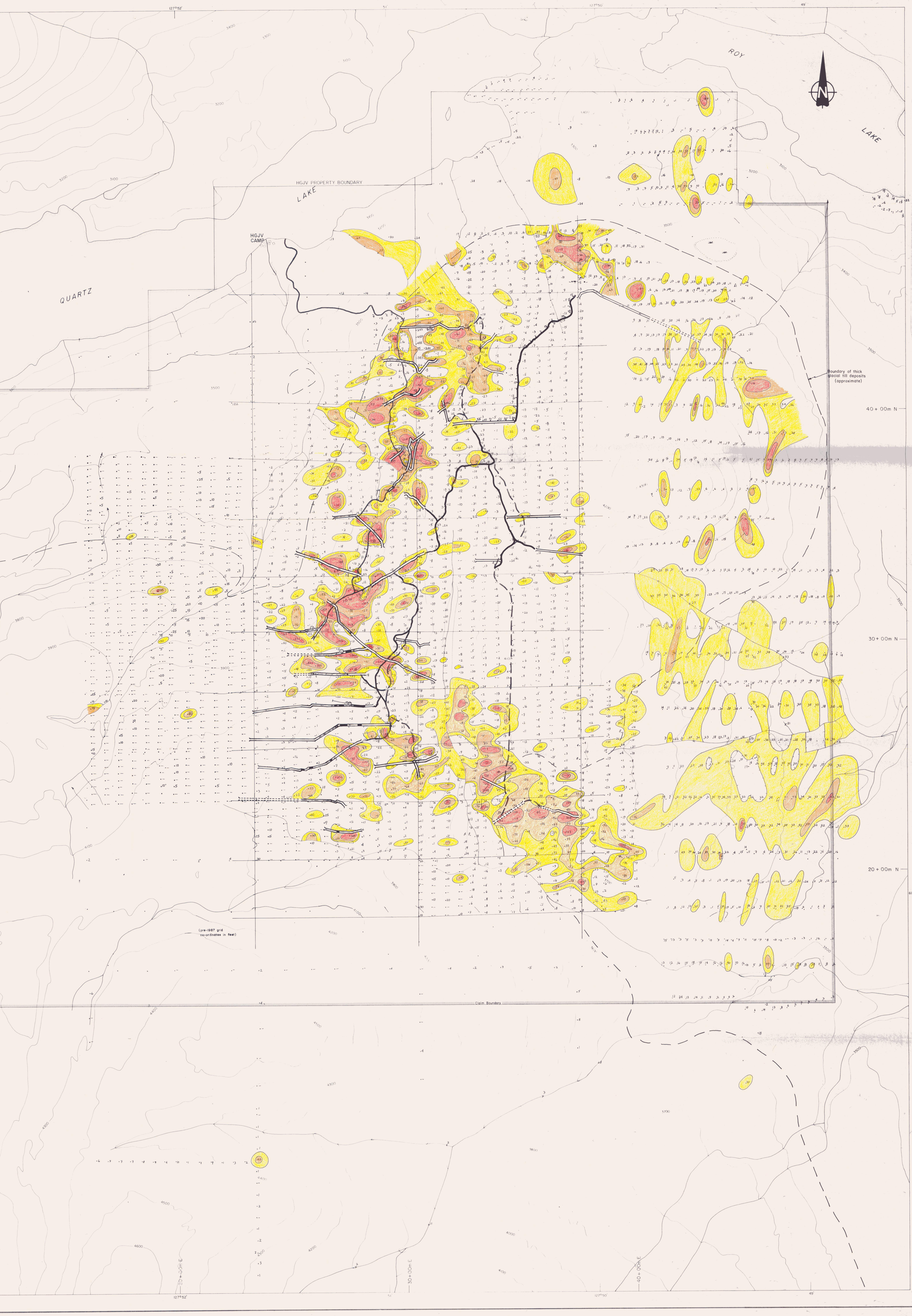
HYLAND GOLD PROPERTY
HYLAND GOLD JOINT VENTURE

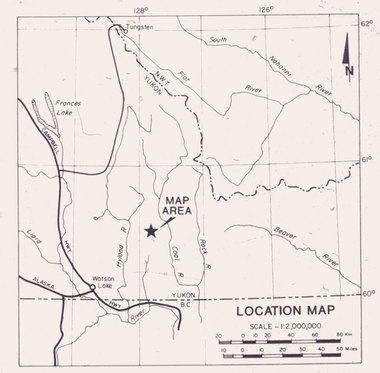
SCALE 1:5000
100 0 50 100 200 300 400 Metres
100 0 50 100 200 300 400 Yards

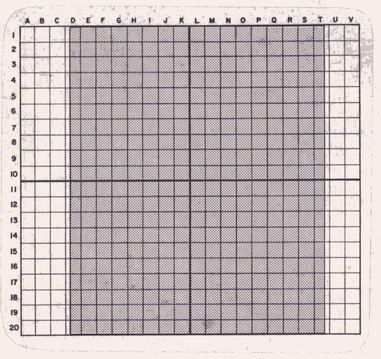
(289)

To accompany report dated December 1988

022664







LEGEND

- Soil sample location (ppb Au)
- 4WD road
- Cat track
- Cat trench (to bedrock)
- Cat trench (not to bedrock)
- Hand trench (1986)
- Diamond drill hole

GOLD SOIL GEOCHEMISTRY

- ≥25<50
- ≥50<100
- ≥ 100ppb

TRENCH ASSAYS

- ≥ 0.35< 0.85 (grams/tonne Au)
- ≥0.85< 1.70
- ≥ 1.70

Jack Thompson Dec 22/88

Dec 22/88

Figure 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY

HYLAND GOLD PROPERTY

HYLAND GOLD JOINT VENTURE

SCALE 1:5000

100 0 50 100 200 300 400 Metres

100 0 50 100 200 300 400 Yards

(291)

To accompany report dated December 1988

092694

HGJV PROPERTY BOUNDARY

HGJV CAMP

QUARTZ LAKE

ROY LAKE

Boundary of thick glacial till deposits (approximate)

(60 + 00N)

(pre-1987 grid co-ordinates in feet)

40 + 00m N

30 + 00m N

20 + 00m N

20+00mE

30+00mE

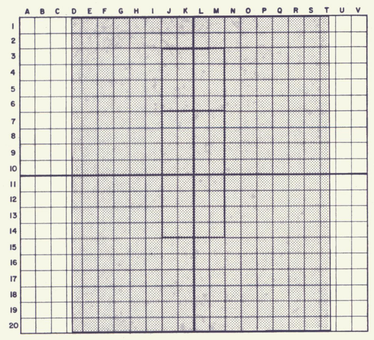
40+00mE

51'

127°50'

49'

60°30'



CONVERSION TABLE: grams/tonne → ounces/ton

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.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	6.8	.198	20.0	.583

(34.285 grams/tonne = 1 ounce/ton)

LEGEND

- 4WD road
- Bulldozer trench (to bedrock)
- Bulldozer trench (not to bedrock)
- Diamond drill hole
- Soil sample location (ppm As)

TRENCH ASSAY SYMBOLS

- >0.35<0.85 grams/tonne Au
- >0.85<1.70 grams/tonne Au
- >1.70 grams/tonne Au

ARSENIC SOIL GEOCHEMISTRY

- ≥200<400 ppm
- ≥400<800 ppm
- ≥800 ppm

Figure 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC GEOCHEMISTRY

HYLAND GOLD PROPERTY

SCALE 1:5000

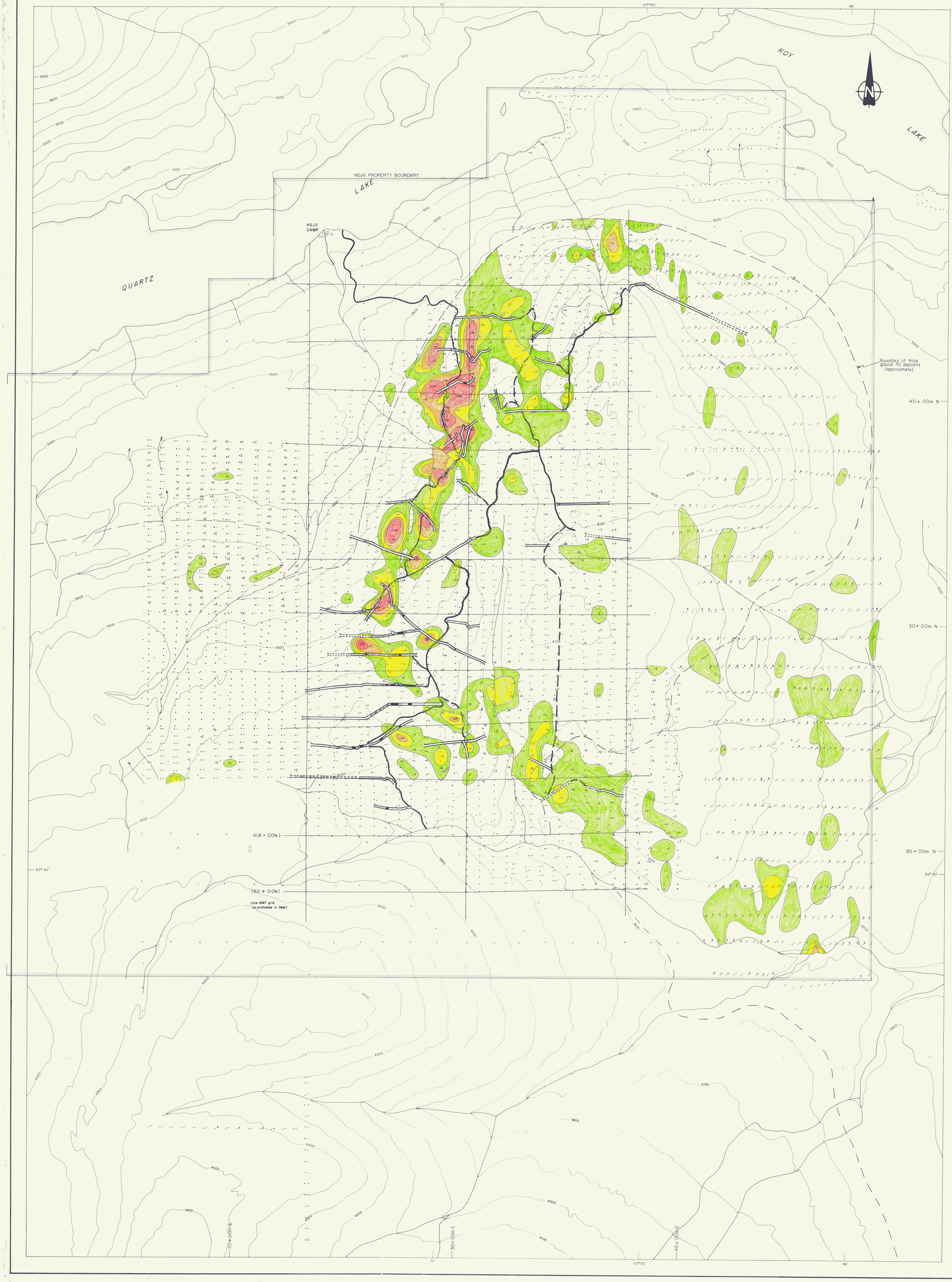
100 0 50 100 200 300 400 Metres

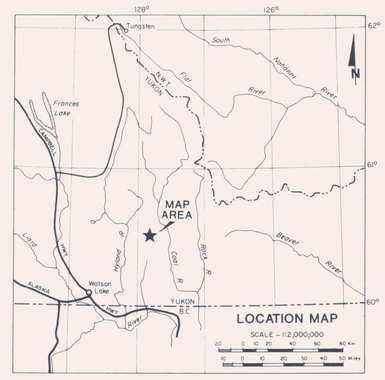
100 0 50 100 200 300 400 Yards

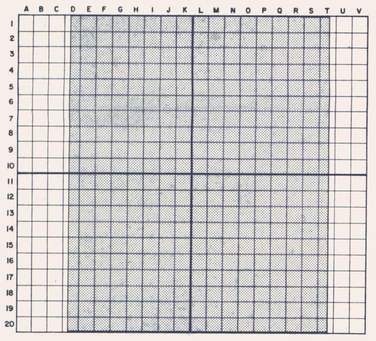
292

To accompany report dated December 1988

0c2364







LEGEND

- Soil sample location (ppm Bi)
- 4WD road
- Cat track
- Cat trench (to bedrock)
- Cat trench (not to bedrock)
- Hand trench (1986)
- Diamond Drill Hole

TRENCH ASSAY SYMBOLS

- >0.35<0.85 grams/tonne Au
- >0.85<1.70 grams/tonne Au
- >1.70 grams/tonne Au

BISMUTH SOIL GEOCHEMISTRY

- ≥4<10 ppm
- ≥10<20 ppm
- ≥20<50 ppm
- ≥50 ppm

Dec 22/88 Dec 23/88

Figure 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

BISMUTH GEOCHEMISTRY

HYLAND GOLD PROPERTY

HYLAND GOLD JOINT VENTURE

SCALE 1:5000

100 0 50 100 200 300 400 Metres

100 0 50 100 200 300 400 Yards

(293)

To accompany report dated December 1988

082664

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
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.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
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1.10	.032	5.6	.163	17.5	.510
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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

- 4WD road
- Bulldozer trench (to bedrock)
- Bulldozer trench (not to bedrock)
- Diamond drill hole
- *98 Soil sample location (ppm Pb)

TRENCH ASSAY SYMBOLS

- >0.35<0.85 grams/tonne Au
- >0.85<1.70 grams/tonne Au
- >1.70 grams/tonne Au

LEAD SOIL GEOCHEMISTRY

- >50<100 ppm
- >100<200 ppm
- >200 ppm

Figure 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD GEOCHEMISTRY

HYLAND GOLD PROPERTY
QUARTZ LAKE, YUKON

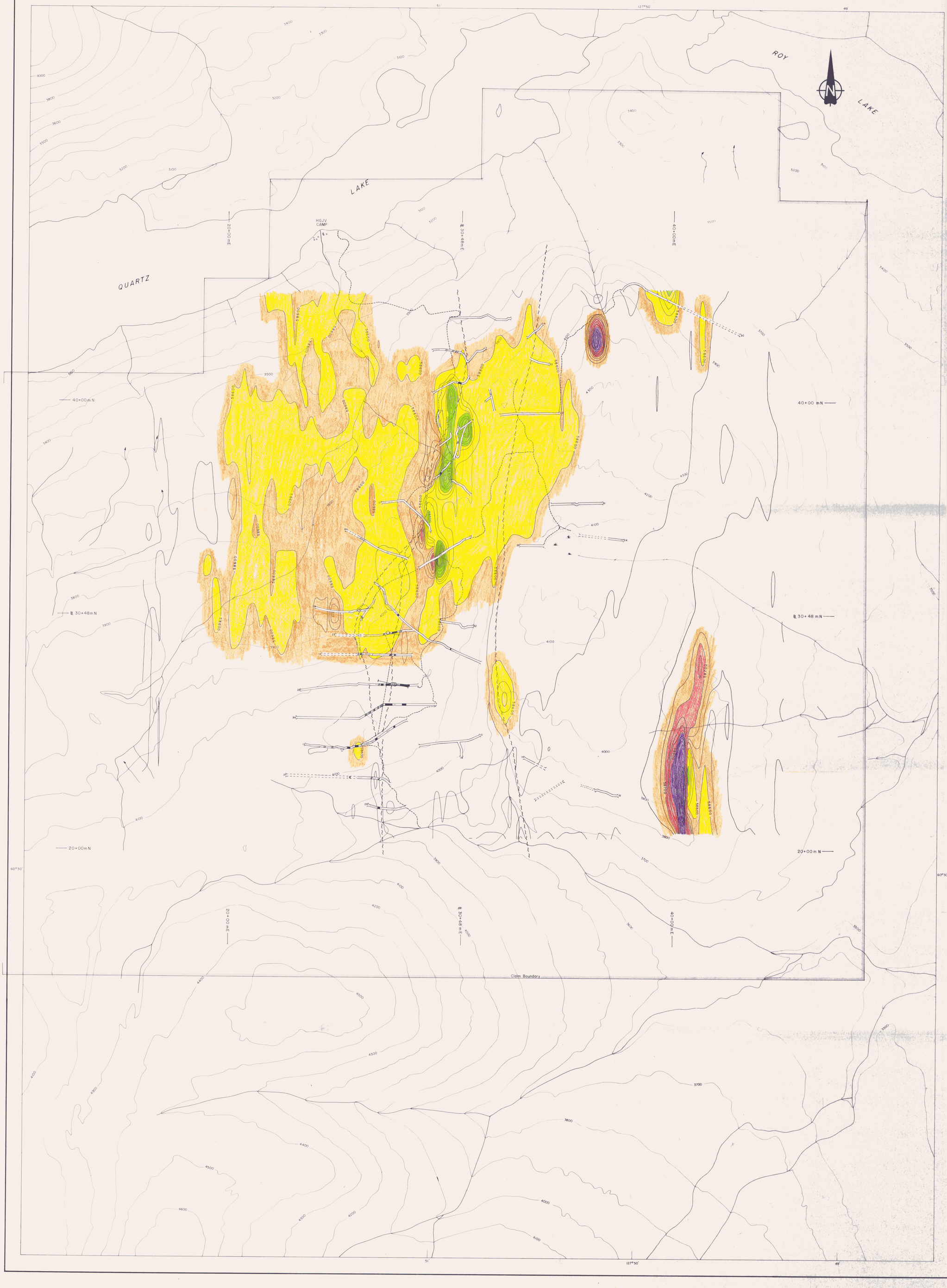
HYLAND GOLD JOINT VENTURE

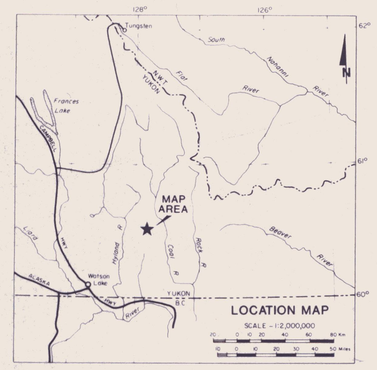
SCALE 1:5000

To accompany report dated December 1988

(294)

002664





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.10	.003	1.9	.055	8.0	.233
.15	.004	2.0	.058	8.5	.248
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.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

- Structural fault
- 4WD Road
- Bulldozer trench (to bedrock)
- Bulldozer trench (not to bedrock)
- Diamond drill hole

TRENCH ASSAY SYMBOLS

- ≥0.35≤0.85
- ≥0.85≤1.70
- ≥1.70 grams/tonne

MAGNETIC RESPONSE

- ≥58800
- ≥58700≤58800
- ≥58600≤58700
- ≥58500<58600
- <58500

(contour interval 25nt)

Figure 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TOTAL FIELD MAGNETICS

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

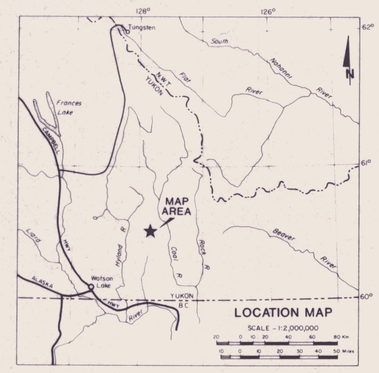
HYLAND GOLD JOINT VENTURE

SCALE 1:5000

To accompany report dated December, 1988

0.2664

295



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	6.8	.198	20.0	.583

(34.285 grams/tonne = 1 ounce/ton)

LEGEND

- Structural fault
- 4WD Road
- Bulldozer trench (to bedrock)
- Bulldozer trench (not to bedrock)
- Diamond drill hole

TRENCH ASSAY SYMBOLS

- ≥0.35<0.85
- ≥0.85<1.70
- ≥1.70 grams/tonne

CONDUCTIVITY

- ≥40%
- ≥20%<40%
- <20%

(contour interval 5%)

Figure 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CONDUCTIVITY

(Fraser Filtered VLF 24.8 Khz)

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE 1:5000

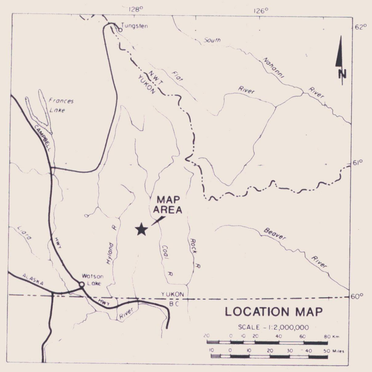
100 0 50 100 200 300 400 Metres

100 0 50 100 200 300 400 Yards

(296)

To accompany report dated December, 1988

022664



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	6.8	.198	20.0	.583

(34.285 grams/tonne = 1 ounce/ton)

LEGEND

- Structural fault
- 4WD Road
- Bulldozer trench (to bedrock)
- Bulldozer trench (not to bedrock)
- Diamond drill hole

TRENCH ASSAY SYMBOLS

- ≥0.35<0.85
- ≥0.85<1.70
- ≥1.70 grams/tonne

RESISTIVITY

- <500
- ≥500<1000
- ≥1000<1500
- ≥1500≤2000
- ≥2000 ohm-m

(contour interval 100ohm-m)

Dec 22/88

Figure 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

RESISTIVITY

(Schlumberger Array, AB=240m, MN=40m)

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE 1:5000

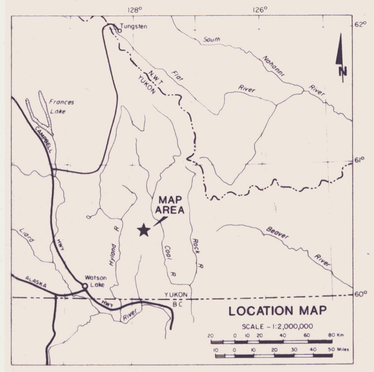
100 0 50 100 200 300 400 Metres

100 0 50 100 200 300 400 Yards

(297)

To accompany report dated December, 1988

0-2664



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grams/tonne	oz/ton	grams/tonne	oz/ton	grams/tonne	oz/ton
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.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	6.8	.198	20.0	.583

(34.285 grams/tonne = 1 ounce/ton)

LEGEND

- Structural fault
- 4WD Road
- Bulldozer trench (to bedrock)
- Bulldozer trench (not to bedrock)
- Diamond drill hole

TRENCH ASSAY SYMBOLS

- ≥0.35<0.85
- ≥0.85<1.70
- ≥1.70 grams/tonne

CHARGEABILITY

- ≥50
- ≥40<50
- ≥30<40
- ≥20<30
- <20 ms

(contour interval 2.5ms)

Dec 22/88

Dec 22/88

Figure 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CHARGEABILITY

(Schlumberger Array, AB=240m, MN=40m)

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE 1:5000

100 0 50 100 200 300 400 Metres

100 0 50 100 200 300 400 Yards

298

To accompany report dated December, 1988

092664

QUARTZ LAKE

(Baseline 30+48m E)

3300
3400
3500
3600
3700
3800
3900
4000
3100
3200
3300
3400
3500

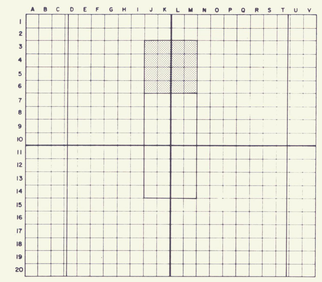
50+00 N
48+00 N
46+00 N
44+00 N
42+00 N
40+00 N

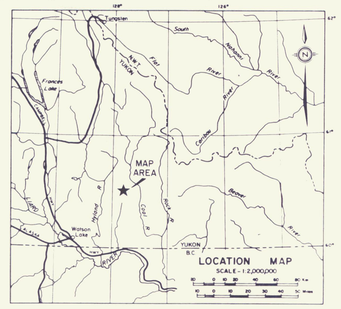
25+00 E
27+00 E
29+00 E
31+00 E
33+00 E
35+00 E

HI
Hqu
Hphl
His

TR 87P1
TR 87P2
TR 87P11
TR 87P7A
TR 87P7
TR88P34
TR 88P33

TR87P11 detail (resampled)





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.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
- 65• soil sample (ppb Au)

Trench assays are given in grams per tonne gold

Lithologies

CAMBRIAN-HADRYNIAN

HI (1a) Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
- ls siderite
- lm 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 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH ASSAYS & GEOLOGY

HYLAND GOLD PROPERTY – NORTH

QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE - 1:1000

20 10 0 10 20 30 40 50 60 Metres
30 20 10 0 10 20 30 40 50 60 Yards

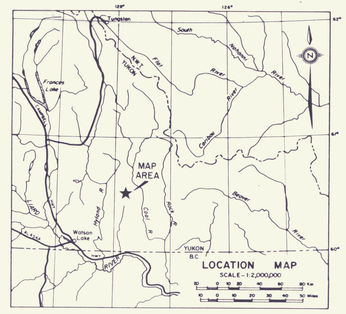
(299)

To accompany report dated December 1988

092664

TR 88-P-26
TR 87P16
TR 87P21
TR 87P7A
TR 87P22
TR67P17
TR 87P19
TR 87P9
TR 87P20
TR 87P3
TR 88-P-27
TR 87P8
TR 87P4
TR 87P6
TR 87P5
TR 88P28
TR 88 P 31
TR 88 P 35
(crossline "124+00'N")
(crossline "108+00'N")
(crossline "100+00'E")
(crossline "100+00'N")
40+00 N
38+00 N
36+00 N
34+00 N
32+00 N
30+00 E
31+00 E
33+00 E
35+00 E
3600
3700
3800
3900
4000
4100
Hqu
Hl
Hlm
Hls
Hphl
Hphl - Hqu
Hgr
phl
qu
lm
s
bx

A B C D E F G H I J K L M N O P Q R S T U V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



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	6.8	.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
- ④ diamond drill hole

Trench assays are given in grams per tonne gold

Lithologies

CAMBRIAN-HADRYNIAN

Hl (1a) Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
- ls siderite
- lm 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 Hphl; Hqu(a) - strong silicic alteration; Hqu(bx) - brecciated

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 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH ASSAYS & GEOLOGY

HYLAND GOLD PROPERTY - CENTRAL

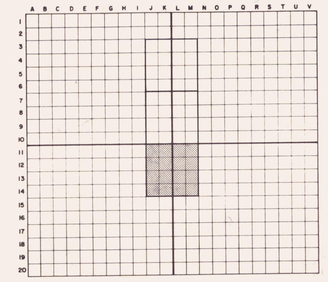
QUARTZ LAKE, YUKON

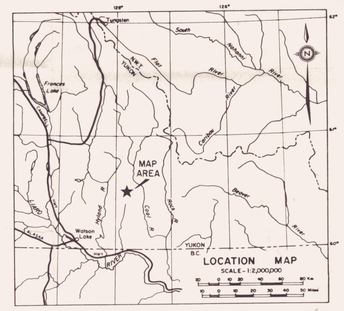
HYLAND GOLD JOINT VENTURE

SCALE - 1:1000

To accompany report dated December 1988

092864





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.20	.006	2.2	.064	9.0	.263
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.70	.020	4.2	.123	14.0	.408
.75	.022	4.4	.128	14.5	.423
.80	.023	4.6	.134	15.0	.438
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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 (ppbAu)
- diamond drill hole
- trench assay (grams/tonne Au)

Lithologies

CAMBRIAN-HADRYNIAN

Hl (1a) Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
- ls sidgerite
- lm massive sulphide

Hph 1 (1) Grey, black and green phyllites, in places graphitic and oftam 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; Hqu(a) - strong silicic alteration; Hqu(bx) - brecciated

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 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH ASSAYS & GEOLOGY

HYLAND GOLD PROPERTY - SOUTH

QUARTZ LAKE, YUKON

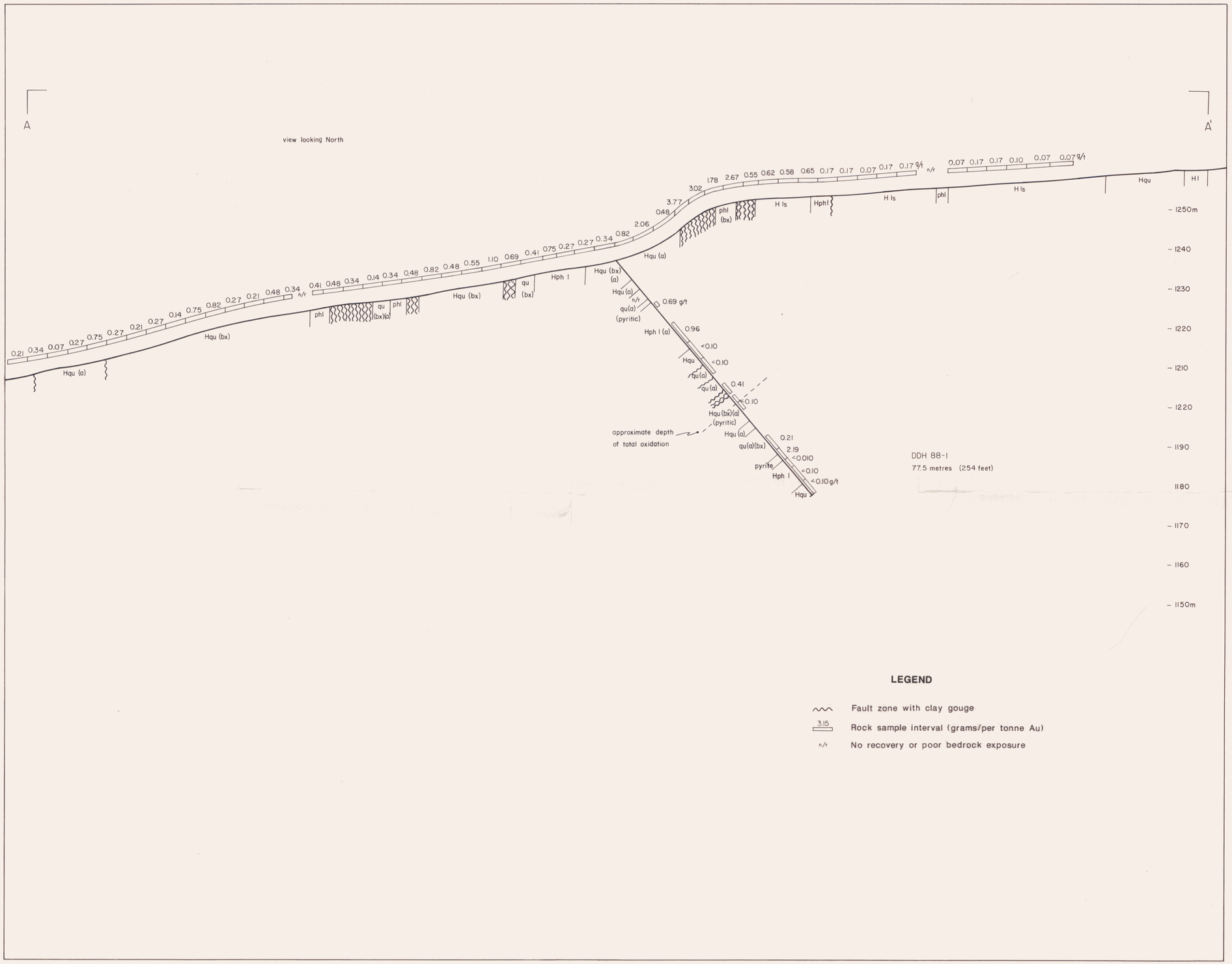
HYLAND GOLD JOINT VENTURE

SCALE - 1:1000

To accompany report dated December 1988

092664

(301)



LEGEND

- Fault zone with clay gouge
- 3.15 Rock sample interval (grams/per tonne Au)
- n/r No recovery or poor bedrock exposure

CONVERSION TABLE: grams/tonne → ounces/ton

grams/tonne	oz/ton	grams/tonne	oz/ton	grams/tonne	oz/ton
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.05	.002	1.8	.053	7.5	.219
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.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)

Lithologies

CAMBRIAN-HADRYNIAN

Hl (1a)
Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
ls siderite

1m 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 Hphl; Hqu(a) - strong silicic alteration; Hqu(bx) - brecciated

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).

Dec 22/88

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Figure 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

VERTICAL SECTION A-A'
DDH 88-1

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE 1:500

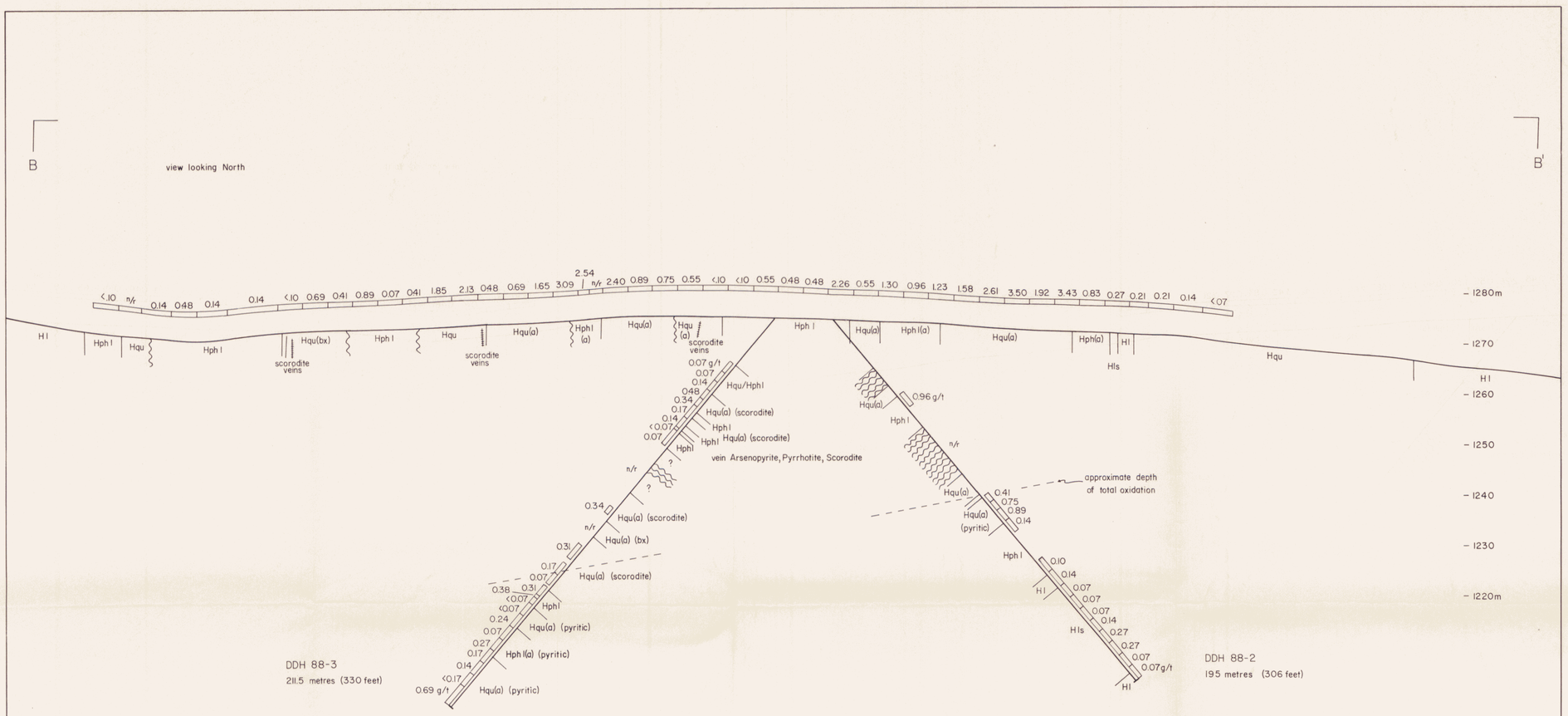
0 5 10 20 30 40 50 Metres

0 10 50 100 150 Feet

To accompany report dated December, 1988

02664

(302)



LEGEND

- Fault zone with clay gouge
- 3.15 — Rock sample interval (grams/per tonne Au)
- n/r — No recovery or poor bedrock exposure

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
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.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)

Lithologies

CAMBRIAN-HADRYNIAN

H1 (1a)
Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
1s siderite

1m 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; Hqu(a) - strong silicic alteration; Hqu(bx) - brecciated

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).

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Figure 18

Dec 22/88

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

VERTICAL SECTION B-B'
DDH 88-2; DDH 88-3

HYLAND GOLD PROPERTY

QUARTZ LAKE, YUKON

HYLAND GOLD JOINT VENTURE

SCALE 1 500

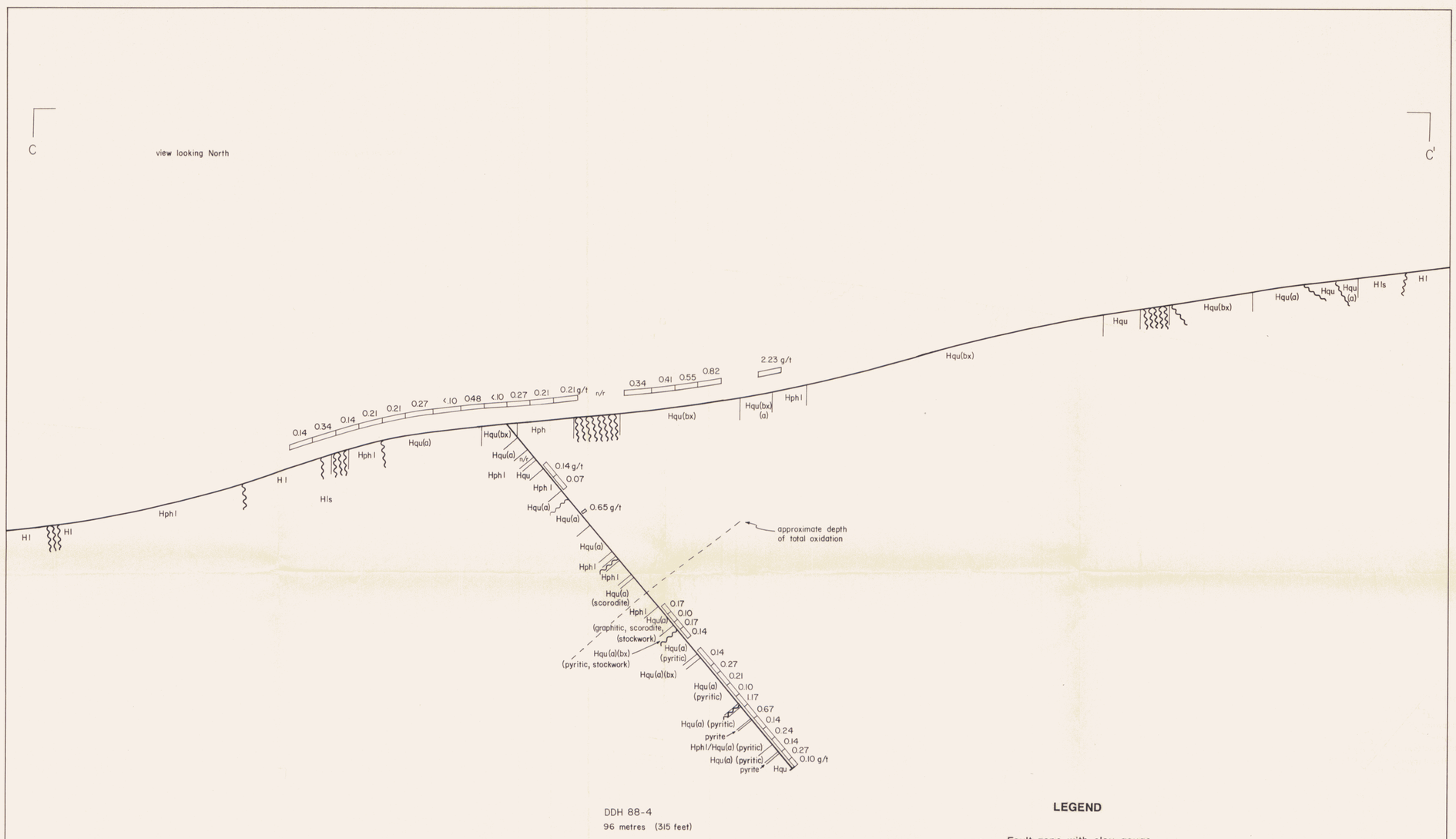
0 5 10 20 30 40 50 Metres

0 10 50 100 150 Feet

(303)

To accompany report dated December, 1988

092864



DDH 88-4
96 metres (315 feet)

LEGEND

- Fault zone with clay gouge
- 3.15 Rock sample interval (grams/per tonne Au)
- n/r No recovery or poor bedrock exposure

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
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.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)

Lithologies

CAMBRIAN-HADRYNIAN

H1 (1a)
Dark limestones, limy shales and argillaceous limestones (may be in part Lower Cambrian)
Is siderite

1m 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; Hqu(a) - strong silicic alteration; Hqu(bx) - brecciated

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).

Dec22/88 Figure 19 Dec 22/88

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

VERTICAL SECTION C-C'
DDH 88-4

HYLAND GOLD PROPERTY
QUARTZ LAKE, YUKON
HYLAND GOLD JOINT VENTURE

SCALE 1 500
0 5 10 20 30 40 50 Metres
0 10 50 100 150 Feet

304

To accompany report dated December, 1988

02284