REPORT

ON THE

IDAHO CREEK PROPERTY

DAH QUARTZ CLAIMS

FOR

SILVERQUEST RESOURCES LTD.

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

BY

J.P. FRANZEN, P.ENG.

North Vancouver, B.C.

March 17, 1986

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SUMMARY

The IDAHO CREEK property, Yukon Territory, is held under option agreement by Silverquest Resources Ltd. The 67 claim property covers an anomalous precious and base metals trend 5 km long and up to 1 km wide. Gold and silver-bearing residual float is present in the anomaly area. Creeks draining the property contain placer gold.

A two stage work program is recommended to assess the epithermal precious metals potential of the IDAHO CREEK property. Stage 1, at an estimated cost of $214,000, would consist of geological and geophysical surveys and bulldozer trenching. Contingent on encouraging results from the first stage, Stage 2 would include a diamond drilling and trenching program at an estimated cost of $500,000.

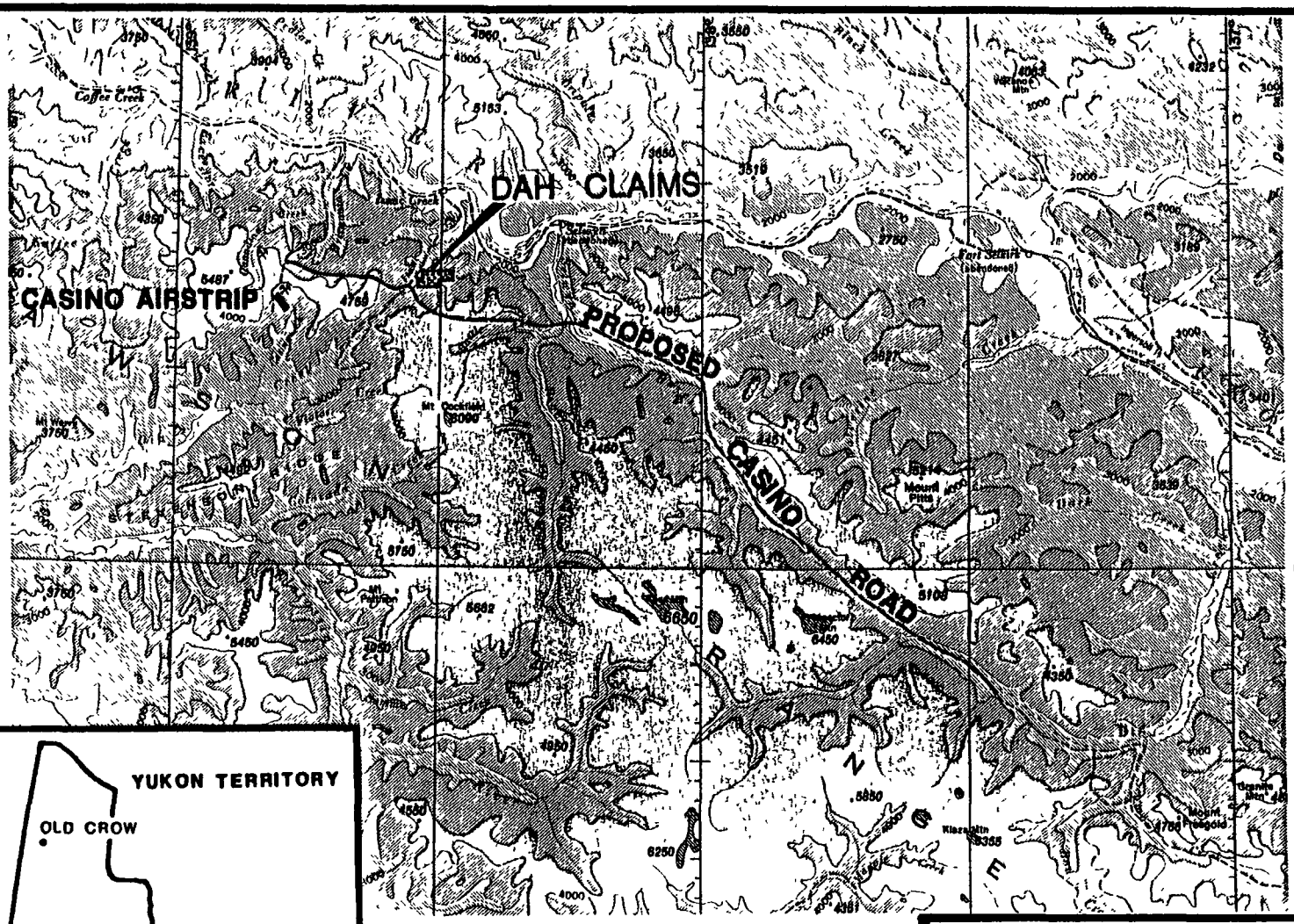
INTRODUCTION

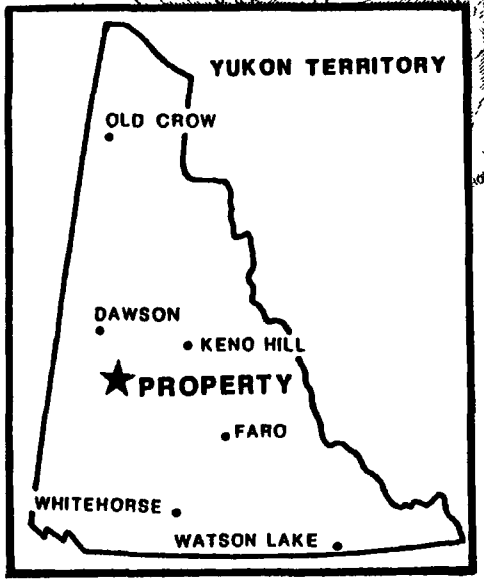
The IDAHO CREEK property, Whitehorse Mining District, Yukon Territory, is held under option agreement by Silverquest Resources Ltd. The 67 claim property covers a number of zones with anomalous levels of base and precious metals. These zones outline a linear trend 5 km long. Bedrock exposure is poor. Creeks draining the property contain placer gold.

Silverquest Resources Ltd. retained the writer to assess earlier work on the subject property and to recommend a staged work program to test the potential of the property. At the time of writing, Environment Canada reported 75 cm of snow cover on the property; a site visit was not undertaken. This report is based on published and private reports and maps provided by Archer, Cathro & Associates (1981) Limited. These data were carefully reviewed by the writer who has had considerable precious and base metals exploration, development and production experience in Yukon Territory.

LOCATION AND ACCESS

The IDAHO CREEK property is 140 km northwest of Carmacks, Yukon Territory (Figure 1). The claims are centered at latitude 62°44' north and longitude 138°33' west. Access to the claims proper is by helicopter; a DC-3 airstrip is 14 km to the west. The proposed Casino road route is 1 km west of the property. When completed in 1989, this road will provide direct access to Carmacks, the local population center. Goods and services required for mineral exploration work are available at Carmacks.





0 10 20 30
KILOMETRES

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

LOCATION MAP

BY:J.P.FRANZEN/r.w.r. NTS:115-J-9 & 10

DATE:MARCH,1986 FIGURE: 1

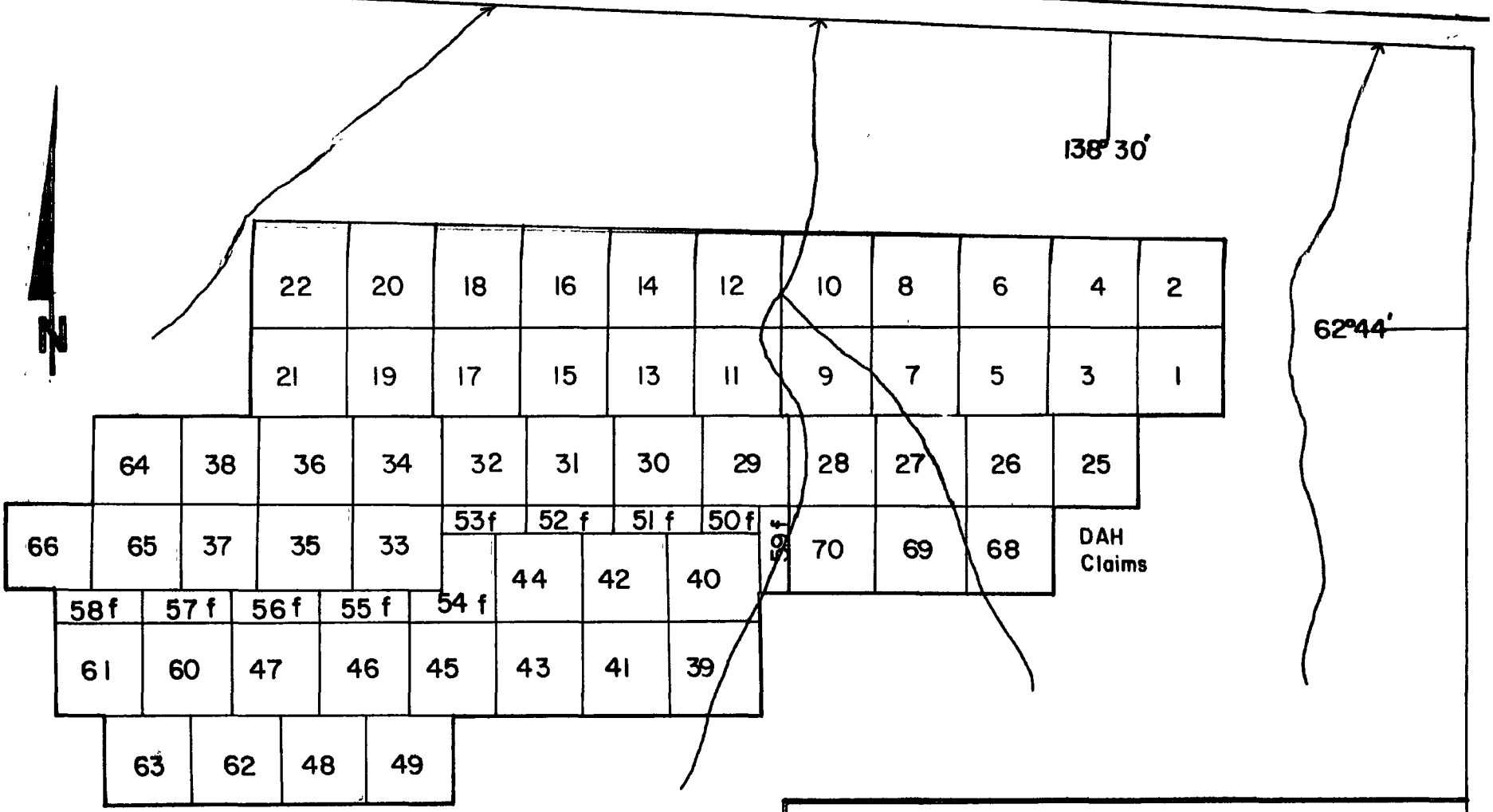
MINERAL PROPERTY

The IDAHO CREEK property is in the Whitehorse Mining District, Yukon Territory. The property consists of 57 full size and 10 fractional quartz claims. The claims are contiguous and cover approximately 1,266 hectares (Figure 2). These claims are believed to have been properly located according to the Act Respecting Quartz Mining in Yukon Territory.

Details of claims, as provided by the Mining Recorder - Whitehorse Mining District, follow:

Quartz Claim Name	Grant Number	Recorded Owner	Expiry Date
DAH 1 - 22	YA92012-33	Archer, Cathro & Associates (1981) Limited	19 June, 1986
DAH 25 - 47	YA92034-56	Archer, Cathro & Associates (1981) Limited	19 June, 1986
DAH 48 - 49	YA92744-45	Archer, Cathro & Associates (1981) Limited	23 July, 1986
DAH 50F - 59F	YA93757-66	Archer, Cathro & Associates (1981) Limited	2 October, 1986
DAH 60 - 66	YA93767-73	Archer, Cathro & Associates (1981) Limited	2 October, 1986
DAH 68 - 70	YA93774-76	Archer, Cathro & Associates (1981) Limited	2 October, 1986

It is the writer's understanding that Chevron Canada Resources Ltd. is the legal owner of the DAH quartz claims. These claims are held in trust by the recorded owner and optionor - Archer, Cathro & Associates (1981) Limited. Silverquest Resources Ltd. has acquired the option agreement from Archer, Cathro & Associates (1981) Limited. The writer has not reviewed this agreement as this was beyond the terms of the assignment.



SCALE – 1 Inch = 1/2 Mile (1:31,680)

500 0 500 1000 1500 2000 2500 3000 Metres

1500 0 1500 3000 4500 6000 7500 9000 10,500 Ft.

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IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

QUARTZ CLAIM MAP

BY: J.P.FRANZEN/r.w.r. NTS: 115-J-9 &10

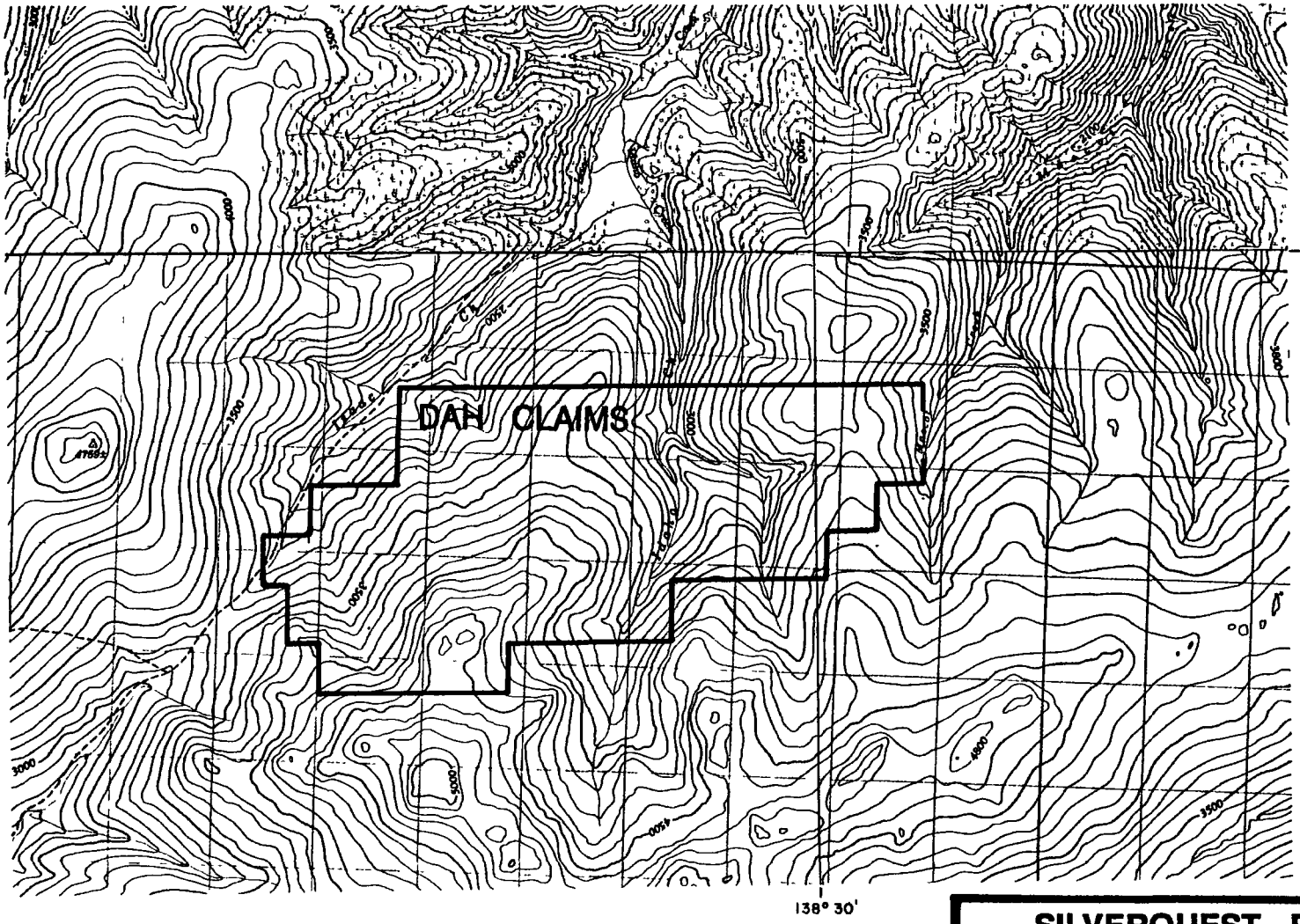
DATE: MARCH, 1986 FIGURE: 2

PHYSICAL FEATURES

The IDAHO CREEK property is in the northwesterly trending Dawson Range (Figure 1). The climate is subarctic and arid; much of the Range is underlain by permafrost. Because this mountain belt escaped Pleistocene continental glaciation, the present topography is that of the deeply weathered, possibly subtropical, pre-Quaternary surface. Hills and ridges are characteristically subdued and well-rounded. With few exceptions the horizon is even. Dwarf vegetation is extensive; outcrop is scarce. A blanket of volcanic ash covers much of the area.

These factors have resulted in a geological environment that is difficult to explore with traditional prospecting techniques (Franzen, 1981). Bedrock exploration targets, that is zones of fracturing, alteration and sulphide mineralization, are deeply weathered and may not outcrop. Frost-heaved rafts of barren and resistant wallrocks cover zones of interest. Permanently frozen organic and ash horizons often sit directly on rafted angular boulder sheets. Soil development is generally poor. A number of successful Dawson Range exploration programs have demonstrated that drill target definition is only possible when float mapping and geochemical sampling surveys are followed by a systematic bulldozer trenching program (Campbell, 1965; Godwin, 1975).

The subject property covers heavily vegetated north-facing slopes between Isaac and Mascot Creeks (Figure 3). Idaho Creek cuts through the centre of the property. Property elevations range from 820 m at the creek beds to 1400 m on the well-rounded hill tops. Bedrock exposure is less than one percent and is restricted to ridge crests and a small canyon in Idaho Creek. Soil development is poor.



Miles 1 0 1 2 3 Miles

Metres 1000 0 1000 2000 3000 4000 Mètres

Yards 1000 0 1000 2000 3000 4000 Verges

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

TOPOGRAPHIC MAP

BY:J.P.FRANZEN/r.w.r. **NTS:115-J-9 & 10**

DATE:MARCH,1986 **FIGURE: 3**

PROPERTY HISTORY

The IDAHO CREEK property is 15 km east of the Casino porphyry copper-molybdenum deposit. Since 1911, work programs have focused on placer and lode occurrences near the Casino deposit (Godwin, 1975). Peripheral properties have received comparatively little attention.

1969 The subject area was staked. A work program was not undertaken.

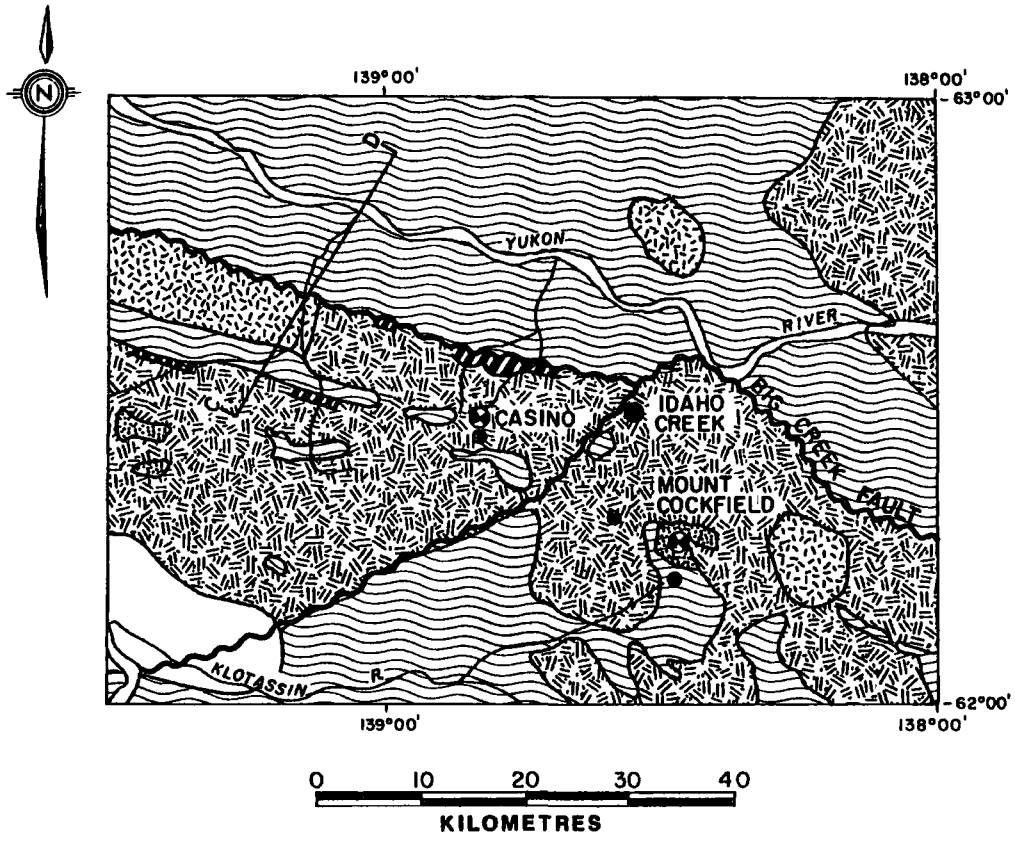
1980-1982 Reconnaissance surveys by the NAT Joint Venture (Chevron Canada Resources Ltd. and Armco Minerals Exploration Ltd.) identified anomalous levels of gold, silver, lead and arsenic in stream sediment and soil samples. Their bedrock source was not located. Program cost = $25,000.

1985 Staked as the DAH claims by Archer, Cathro & Associates (1981) Limited for Chevron Canada Resources Ltd. Work program: geological mapping, prospecting and soil sampling (Eaton, 1985). Cost of 1985 program = $70,000.

1986 Archer, Cathro & Associates (1981) Limited optioned the DAH claims from Chevron Canada Resources Ltd. and assigned the claims to Silverquest Resources Ltd.

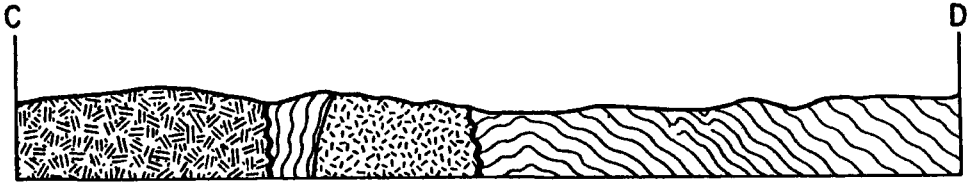
REGIONAL GEOLOGY AND MINERALIZATION

Basement rocks in the Dawson Range are schists and gneisses of the Yukon Metamorphic Complex (Tempelman-Kluit, 1974). These Paleozoic or older(?) rocks include a variety of lithologic units (quartzites, amphibolites and marbles) whose relations to one another are not known. Schistosity trends uniformly northwest but varies in dip direction. The rocks have been folded (Figure 4).



LEGEND:

- CASINO VOLCANIC COMPLEX
- COFFEE CREEK GRANITE
- KLOTASSIN GRANITIC ROCK
- SERPENTINIZED ULTRAMAFIC ROCK
- YUKON METAMORPHIC COMPLEX
- FAULT
- GEOLOGIC CONTACT
- PORPHYRY COPPER
- EPITHERMAL VEIN Au,Ag,Cu,Pb,Zn,As



DIAGRAMMATIC CROSS-SECTION

(AFTER GODWIN, 1975)

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

REGIONAL GEOLOGY MAP

BY:J.P.FRANZEN/r.w.r. NTS:115-J-9 & 10

DATE:MARCH,1986 FIGURE: 4

The Yukon Metamorphic Complex has been intruded by a variety of Late Triassic to Late Cretaceous igneous rocks belonging to the Coast Plutonic Complex. The Late Triassic Klotassin Batholith forms the backbone of the Dawson Range. It is a coarse-grained, equigranular hornblende diorite that commonly shows foliation by alignment of mafic minerals. Contacts with the surrounding metamorphic rocks are generally sheared and in places marked by small bodies of strongly foliated and metamorphosed ultramafic rocks (Figure 4). One such structure is the west-northwest trending Big Creek Fault. A number of significant mineral occurrences are associated with this structure (Eaton and Main, 1986).

Discordant plutons of Cretaceous Coffee Creek granitic rocks intrude the previously described metamorphic and plutonic rocks. The Coffee Creek lithology is coarse-grained and equigranular and ranges from biotite granite to quartz monzonite.

The youngest igneous rocks in the area are the Casino volcanics. These volcanic and subvolcanic rocks occur as isolated small masses on some of the higher peaks of Dawson Range. They are thought to be equivalent to mid to upper Cretaceous Mt. Nansen Group (Tempelman-Kluit, 1974). The Casino volcanics range from explosive breccias and eruptive flow rocks to subvolcanic dykes and breccia pipes. The rocks are commonly pyritic.

Several significant mineral occurrences are known in the area (Figure 4). The named occurrences are porphyry copper prospects that were explored during the 1960's and 1970's. The unnamed occurrences are epithermal or mesothermal veins that are probably distal or high level parts of the porphyry systems (Eaton and Main, 1986). Most porphyry and vein mineralization is within or adjacent to subvolcanic breccia pipes related to Casino-equivalent volcanic centres. Feldspar porphyry dykes flank the breccia bodies and often intrude faults that host precious metals mineralization.

The best studied deposit in the area is the Casino porphyry copper-molybdenum prospect where drill indicated reserves total 179 million tons grading 0.37% Cu and 0.039% MoS_2 (Godwin, 1975). A supergene copper-depleted and gold-enriched zone up to 160 m thick caps the deposit. This zone is estimated to contain 1.5 million ounces of gold at an average grade of 0.011 ounces gold per ton. The mineralization is amenable to low-cost heap-leach processing. A number of gold and tungsten placer deposits and lead, zinc and silver veins flank the deposit.

At Mount Cockfield low-grade porphyry copper-molybdenum mineralization is contained in a Coffee Creek granitic stock. Flat-lying Casino volcanic rocks overly the Coffee Creek and adjacent Klotassin rocks. The entire section is cut by a swarm of feldspar porphyry dykes (Dawson, 1985). The Casino volcanic rocks are reported to contain anomalous levels of gold, silver and arsenic (Cathro, 1981). A placer gold occurrence is nearby.

PROPERTY GEOLOGY

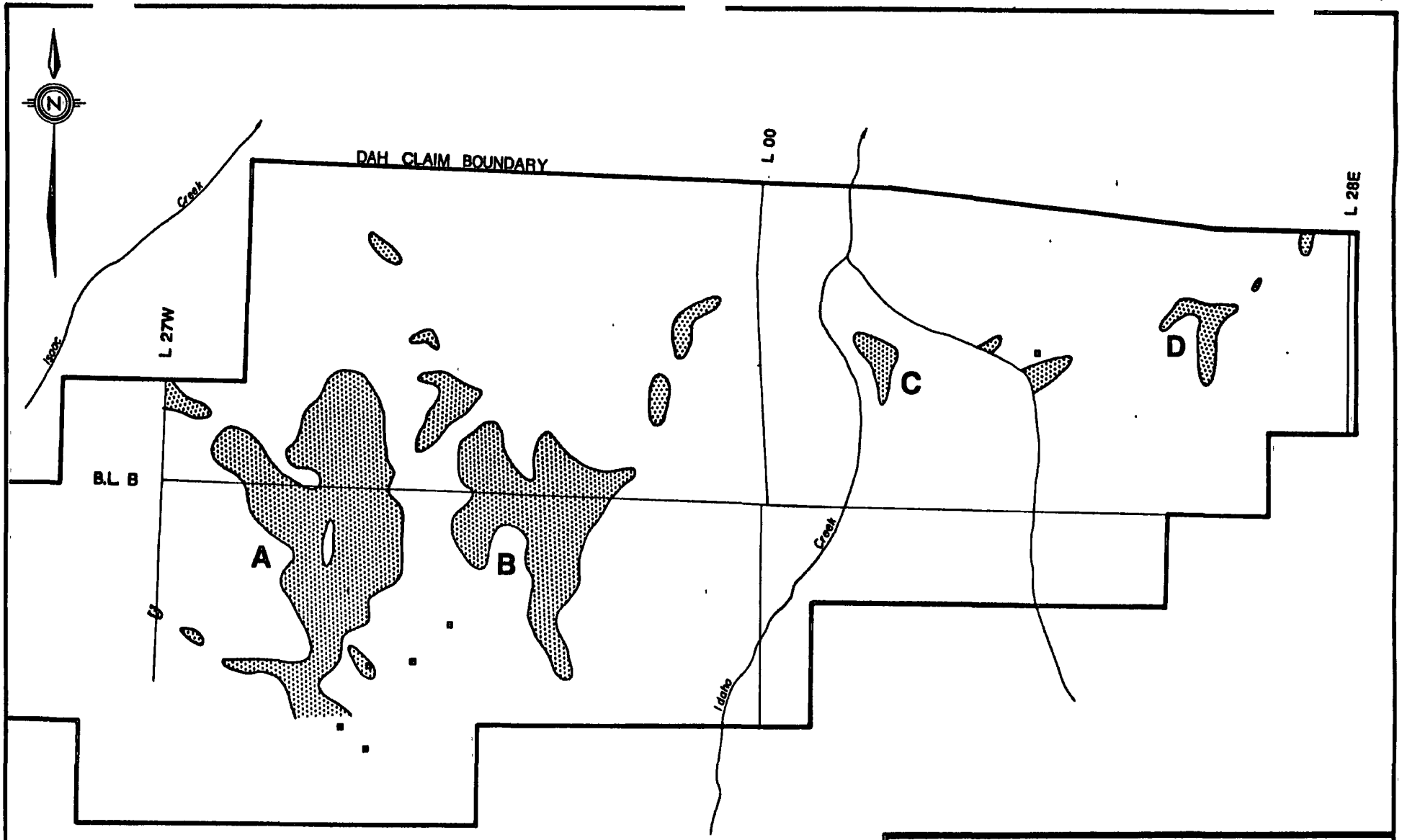
Because of poor bedrock exposure, geology of the IDAHO CREEK property is based largely upon inference. Eaton (1985) examined all available outcrops on the property and identified a suite of five intrusive units. These units and their characteristics are summarized in Table I. Minor disseminated pyrite is present in all rock types.

Inspection of Geological Survey of Canada airborne magnetic map 7840G suggests that the IDAHO CREEK assemblage is cut by a major northeast trending fault. Isaac Creek follows the surface trace of this structure (Figure 3). The fault is subparallel to a 5 km long anomalous geochemical trend on the property (Figure 5).

TABLE I

IDAHO CREEK INTRUSIVE ROCKS

Rock Units	Age	Characteristics
Quartz-Feldspar Porphyry Dyke	Middle to Late Cretaceous	Red to purple and recessive weathering. Pervasive clay and limonite alteration. An east-northeasterly trending lineament is adjacent and parallel to the dyke. Apparent dyke width is 150 m; length is +1000 m. Contacts were not observed.
Coffee Creek Biotite Granite	Middle to Late Cretaceous	Pink, friable and recessive weathering. Contact relationships are unknown.
Hornblende-Biotite Quartz Diorite Dykes	Middle to Late Cretaceous	Dark grey. Quartz and feldspar phenocrysts in a medium-grained matrix to rounded quartz eyes in an aphanitic matrix. Cross-cutting contact relationships with both diorite and granodiorite.
Hornblende-Biotite Granodiorite	Middle to Late Cretaceous	Dark grey and resistant weathering. Pegmatite and aplite dykes are common. Well defined contacts with diorite.
Hornblende-Biotite Diorite	Late Jurassic or Early Cretaceous	Tan and resistant weathering. Forms castle-like outcrops.



LEGEND:

+100 P.P.M. LEAD CONTOUR

RESIDUAL QUARTZ FLOAT SAMPLE

0 200 400 600 800 1000
SCALE IN METRES

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

SOIL GEOCHEMICAL ANOMALY MAP

LEAD (P.P.M.)

BY:J.P.FRANZEN/r.w.r. NTS:115-J-9 & 10

DATE:MARCH, 1986 FIGURE: 5

PROPERTY GEOCHEMISTRY AND MINERALIZATION

In 1980 the IDAHO CREEK area was targeted for further work when a number of stream sediment samples returned anomalous values of gold, silver, lead and arsenic. Follow-up reconnaissance surveys in 1980, 1981 and 1982 continued to return anomalous values but failed to identify a bedrock source(s). The 1985 geochemical program was directed at locating bedrock mineralization. Two 5 km baselines were established; soil samples were collected at 50 m intervals on lines 100 m apart. A total of 1,914 samples were analyzed for gold, silver, arsenic, antimony, lead and zinc (Eaton, 1985). The writer reviewed these data; results are summarized below and in Figures 5 and 6.

TABLE II

IDAHO CREEK SOIL GEOCHEMISTRY

Element	Background		Anomalous
Gold	10	ppb	25
Silver	0.5	ppm	2
Arsenic	30	ppm	100
Antimony	1	ppm	10
Lead	25	ppm	100
Zinc	75	ppm	400

Four multi-element soil geochemical anomalies occur on the property. These anomalies outline a first-order, wedge-shaped linear trend 5 km long and up to 1 km wide (Figure 5). The wedge axis is coincident with a topographic lineament and is subparallel to the previously described fault in Isaac Creek.

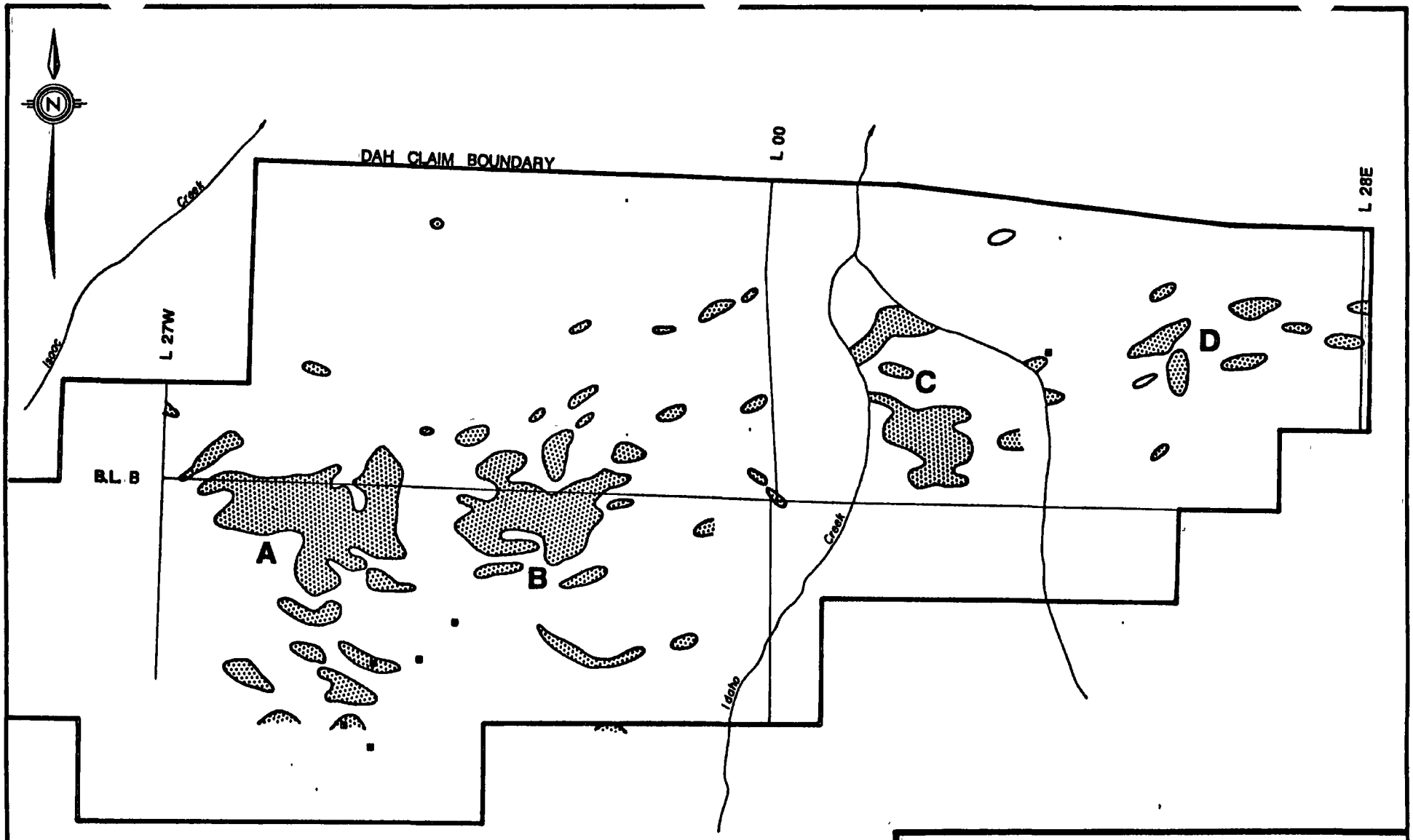
Anomalies A and B form the base of the wedge. Gold anomalies A and B are amoeboid in outline, show limited dispersion and core the anomalous multi-element zones (Figure 6). Anomalous values for the remaining metals show a strong, north-south second-order orientation and greater

dispersion (Figure 5). Their axes are roughly perpendicular to the wedge axis and point to placer gold occurrences in Isaac Creek. In both cases, the highest metal values cluster where the first and second order trends should intersect. Intersection of faults is an important ore control in other Yukon precious metals deposits (Fränzen, 1978).

A frost-heaved train of manganiferous quartz vein float occurs between anomalies A and B (Figure 6). Gold values for five samples range from 0.016 to 0.43 ounces per ton. Silver values range from 0.006 to 40.6 ounces per ton. Elevated levels of arsenic, antimony, lead (galena) and zinc (sphalerite) occur in some of the samples. Brecciation, silica-flooding and argillic alteration were also noted (Eaton, 1985).

Anomalies C and D form the top of the wedge (Figures 5 and 6). These zones lack the size and continuity of anomalies A and B yet show similar metal and orientation characteristics. The anomalous zone between C and D is centered on a large quartz-feldspar porphyry dyke (see Table I). A one kg dyke sample assayed 0.004 ounces gold per ton.

Bedrock sources for geochemical anomalies at the IDAHO CREEK property have not been identified. Observations to date suggest a marked similarity between IDAHO CREEK geology and that seen at the Mt. Nansen, Brown-McDade property 104 km to the south (Campbell, 1965). Both are structurally-controlled, precious and base metals prospects that are peripheral to major porphyry systems. Underground development at Brown-McDade has demonstrated that a precious metals-bearing, quartz-sulphide vein is flanked by a wide (20 m) hanging-wall zone of argillic alteration. Sulphide minerals include: arsenopyrite, stibnite, sphalerite and chalcopyrite. Precious metals are spatially related to arsenopyrite and stibnite. Early underground work programs focused on the narrow but high grade quartz-sulphide vein structures. More recent studies have indicated that the wide zone of argillic alteration contains persistant low grade gold and silver values (George Cross Newsletter - September 16, 1985). Similar near-surface zones have been successfully mined with low-cost open pit methods at other Yukon operations (Franzen, 1980).



LEGEND:

+25 P.P.B. GOLD CONTOUR

RESIDUAL QUARTZ FLOAT SAMPLE

0 200 400 600 800 1000
SCALE IN METRES

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

SOIL GEOCHEMICAL ANOMALY MAP
GOLD (P.P.B.)

BY:J.P.FRANZEN/r.w.r. NTS:115-J-9 & 10

DATE:MARCH, 1986 FIGURE: 6

CONCLUSIONS AND RECOMMENDATIONS

A geological and geochemical survey program has been completed on the 1,266 hectare IDAHO CREEK property, Yukon Territory. This work has demonstrated that:

1. Bedrock exposure and soil development are poor. The ground is deeply weathered and permanently frozen.

2. Four multi-element soil geochemical anomalies occur on the property. These anomalies define a first-order linear trend 5 km long and up to 1 km wide. Bedrock sources for the anomalies have not been identified.

3. The axes of individual anomalies are roughly perpendicular to the first-order trend. The highest metal values cluster where the two axes or trends intersect.

4. Frost-heaved float samples from the anomaly area contain precious metals values that would be considered ore grade in other districts.

5. Creeks draining the property contain placer gold.

These geological features indicate that the subject property has significant potential for structurally-controlled precious metals mineralization. Future road access and possible low-cost heap leach treatment of mineralization enhance this potential. Accordingly, the writer recommends a two-stage exploration program to test the IDAHO CREEK property. The first stage would include VLF-EM and PROTON PRECESSION magnetometer surveys, bulldozer trenching and geological mapping. The VLF-EM survey is required to trace fault structures and associated alteration zones through overburden-covered areas. This will better define trenching targets. Care should be taken to ensure that the VLF-EM survey is not mapping thickness variations in the permafrost. For

test purposes, an orientation survey should be completed in an area where bedrock control is available. If this orientation survey is unsuccessful, a VLF-EM - RESISTIVITY survey should be considered; additional grid layout work may be required. The PROTON PRECESSION magnetometer survey will map bedrock geology. Magnetic susceptibility tests should be carried out on a representative suite of rock samples prior to commencement of field work. Bulldozer trenching will provide bedrock geological control for the program.

Contingent on positive results, Stage 2 should include additional trenching and a diamond drill program to properly assess the zones of interest identified by Stage 1 work.

COST ESTIMATE

Stage 1 (Engineer and Three Assistants - 45 field days)

GRID LAYOUT - 30 km	
Labour cost	$ 5,000
VLF-EM SURVEY	
Labour cost	10,000
Equipment cost	1,000
PROTON PRECESSION MAGNETOMETER SURVEY	
Labour cost	5,000
Equipment cost	1,000
BULLDOZER TRENCHING	
Cat trail work	2,000
Property work	48,000
GEOCHEMICAL	
300 rock samples	6,000
HELICOPTER SUPPORT	
40 hours	25,000
CAMP SUPPORT	
180 man days	6,000
ENGINEER	
Field labour cost	15,000
Report labour cost	5,000

FIXED WING SUPPORT	
Transport for fuel, men, supplies	30,000
CLAIMS MAINTENANCE	
Option payment	15,000
Assessment fees	1,000
TRANSPORTATION	6,000
REPORT SUPPORT	5,000
CONTINGENCIES AT 15%	28,000
Stage 1 Total	$ 214,000
Stage 2 (Contingent on results of Stage 1)	
BULLDOZER TRENCHING AND SUPPORT	$ 50,000
DIAMOND DRILLING	
1500 metres	375,000
SUPERVISION, SUPPORT, TRANSPORTATION, CAMP, REPORT, ETC.	75,000
Stage 2 Total	$ 500,000
GRAND TOTAL STAGES 1 AND 2	$ 714,000

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CERTIFICATE

I, Jeffrey Paul Franzen, P.Eng., of 4990 Cedarcrest Avenue, North Vancouver, B.C. do hereby certify that:

1. I am a Consulting Mining Geologist registered with the Association of Professional Engineers of British Columbia since 1982.

2. I am a graduate of the University of British Columbia with B.Sc. (1972) and Carleton University with M.Sc. (1974).

3. I have practiced my profession continuously since 1974. In Yukon: as Mine Geologist, Research Geologist and Chief Geologist, United Keno Hill Mines Ltd., and Exploration Geologist, Cyprus Anvil Mining Corp. In British Columbia: Regional Geologist - Western Canada, Billiton Canada Ltd.

4. This report is based upon research of published reports and maps and data supplied by Archer, Cathro & Associates (1981) Limited. Inclement weather conditions prevented the writer from visiting the subject property.

5. I have no interest, direct or indirect, in the IDAHO CREEK property or Silverquest Resources Ltd.

6. Permission is hereby granted to Silverquest Resources Ltd. to use this report in support of any Prospectus, Statement of Material Facts or Filing Statement to be submitted to the Superintendent of Brokers and the Vancouver Stock Exchange.

North Vancouver, B.C.
March 17, 1986

J.P. Franzen, P.Eng.

CERTIFICATE

I, Jeffrey Paul Franzen, P.Eng., of 4990 Cedarcrest Avenue, North Vancouver, B.C. do hereby certify that:

1. I am a Consulting Mining Geologist registered with the Association of Professional Engineers of British Columbia since 1982.

2. I am a graduate of the University of British Columbia with B.Sc. (1972) and Carleton University with M.Sc. (1974).

3. I have practiced my profession continuously since 1974. In Yukon: as Mine Geologist, Research Geologist and Chief Geologist, United Keno Hill Mines Ltd., and Exploration Geologist, Cyprus Anvil Mining Corp. In British Columbia: Regional Geologist - Western Canada, Billiton Canada Ltd.

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North Vancouver, B.C.
March 17, 1986

J.P. Franzen, P.Eng.

RJC

REPORT

ON THE

PIGLET 1 - 32 QUARTZ CLAIMS

FOR

SILVERQUEST RESOURCES LTD.

WATSON LAKE MINING DIVISION

YUKON TERRITORY

BY

J.P. FRANZEN, P.ENG.

North Vancouver, B.C.

February 28, 1986

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SUMMARY

Silverquest Resources Ltd. is negotiating an option agreement on the PIGLET gold property, near Watson Lake, Yukon Territory. Access to the property is by float plane or helicopter. The PIGLET property consists of 32 quartz claims and is centered on an overburden-covered, faulted and silicified zone some two km long and one-half km wide. Soils overlying the zone are strongly anomalous in gold and arsenic.

A two stage exploration program is recommended to assess the gold potential of the PIGLET property. Stage 1, at an estimated cost of $125,000, would consist of geological, geochemical and geophysical surveys. Contingent on encouraging results from the first stage, Stage 2 would include a diamond drilling program at an estimated cost of $444,000.

INTRODUCTION

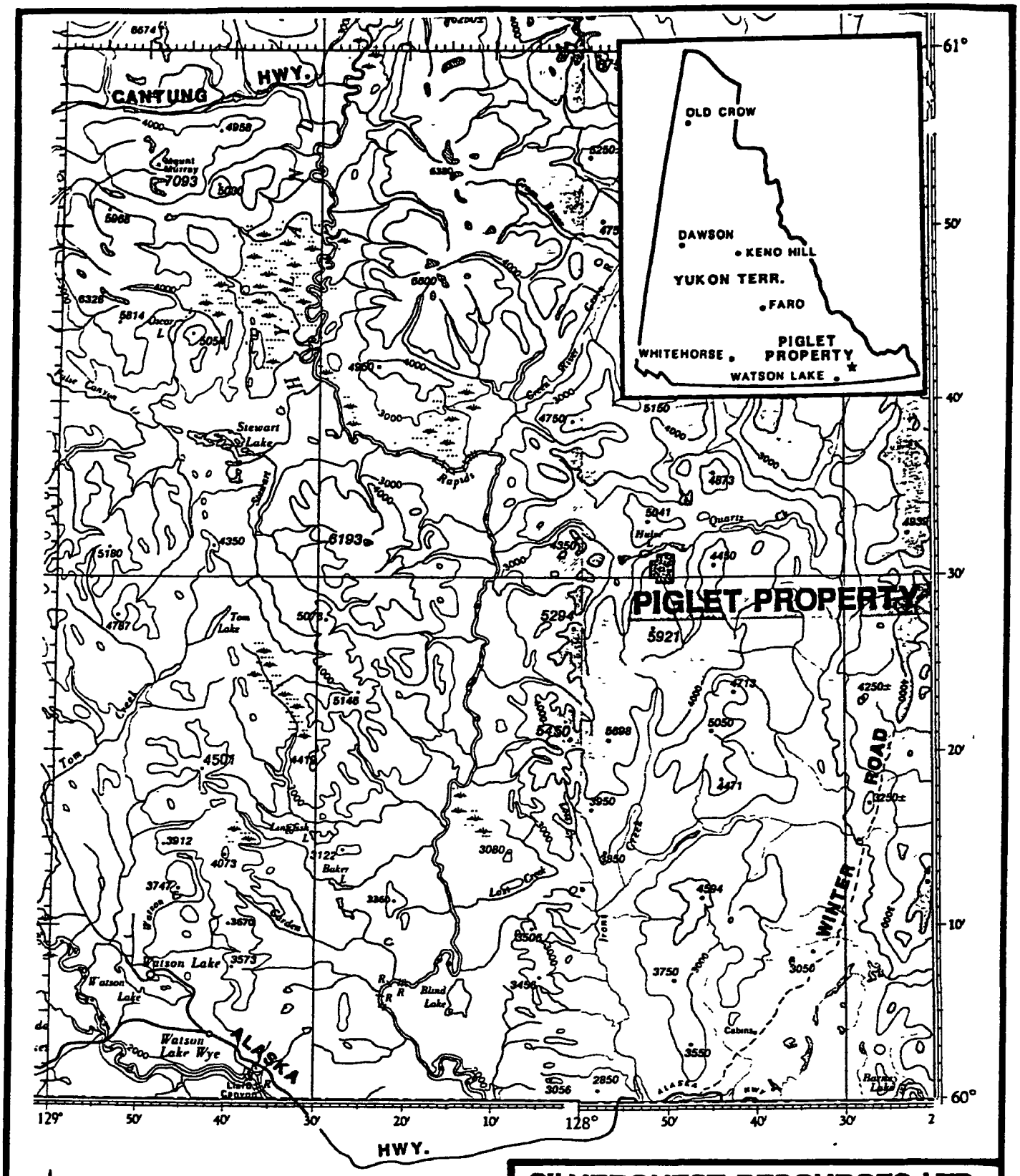
Silverquest Resources Ltd. is negotiating an option agreement on the PIGLET gold property, Watson Lake Mining Division, Yukon Territory. The 32 quartz claim property is centered on a faulted and silicified zone some two km long and one-half km wide. Bedrock exposure is poor. Soils overlying the zone are strongly anomalous in gold and arsenic.

Silverquest Resources Ltd. retained the writer to assess the results of earlier reconnaissance work on the subject property and to recommend a follow-up exploration program. The writer has had considerable precious metals exploration, development and production experience in Yukon Territory; data were reviewed from this perspective. At the time of writing, Environment Canada reported one metre of snow cover on the property. Accordingly, a site visit was not undertaken. This report is based on published reports and maps and data provided by Archer, Cathro & Associates (1981) Limited.

LOCATION AND ACCESS

The PIGLET property is 70 km northeast of Watson Lake, Yukon Territory (Figure 1). The claims are centered at latitude 60°31' north and longitude 127°50' west. Watson Lake is the local population centre and provides all goods and services required for mineral exploration work.

Access to the property is by helicopter or float plane from Watson Lake. A winter road ends 30 km southeast of the property (Figure 1).



SILVERQUEST RESOURCES LTD.

PIGLET PROPERTY

WATSON LAKE M.D., YUKON TERR.

LOCATION MAP

FEBRUARY 1988 NTS:95-D-12

BY:J.P.FRANZEN P.Eng./r.w.r. FIGURE: 1

MINERAL PROPERTY

The PIGLET property is in the Watson Lake Mining District, Yukon Territory. The property consists of 32 contiguous quartz claims covering approximately 408 hectares (Figure 2). These claims are believed to have been properly located according to The Act Respecting Quartz Mining in Yukon Territory.

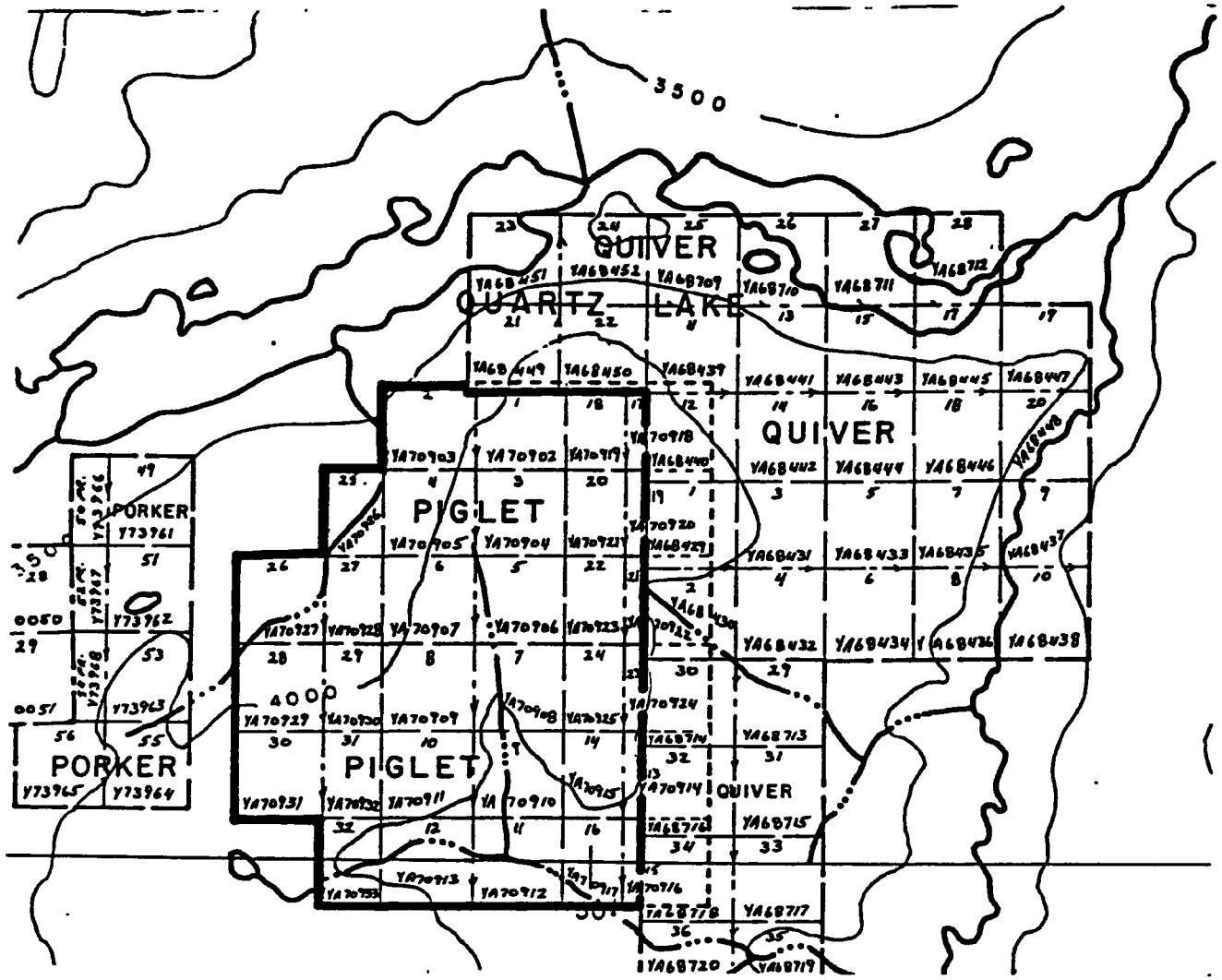
Details of claims, as supplied by the Mining Recorder - Watson Lake Mining District, follow:

Claim Name	Grant Number	Recorded Owner	Expiry Date
PIGLET 1-32	YA70902-YA70933	Archer, Cathro & Associates (1981) Limited	12 March, 1989

PHYSICAL FEATURES

The subject property straddles a moderately rugged, northeast trending ridge south of Hulse and Roy Lakes (Figure 3). Property elevations range from 920 m at lake level, to 1,320 m on the ridge top. A glaciofluvial terrace rims the northwestern corner of the property at elevation 1,070 m (Figure 3. - 3500 feet). This terrace is part of a much larger glacial deposit that rims the adjoining lakes and valleys at a similar elevation.

The property is characterized by heavy forest cover. Work to date, albeit of a reconnaissance nature, suggests less than five percent bedrock exposure. Orientation soil gechemical surveys, that is soil samples taken in the vicinity of known bedrock mineralization, returned highly anomalous values. These results demonstrate that soils on the property are sufficiently mature to reflect bedrock mineralization, when present. The depth of soil and overburden cover is not known.



ISSUED UNDER THE AUTHORITY OF THE MINISTER
OF
INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

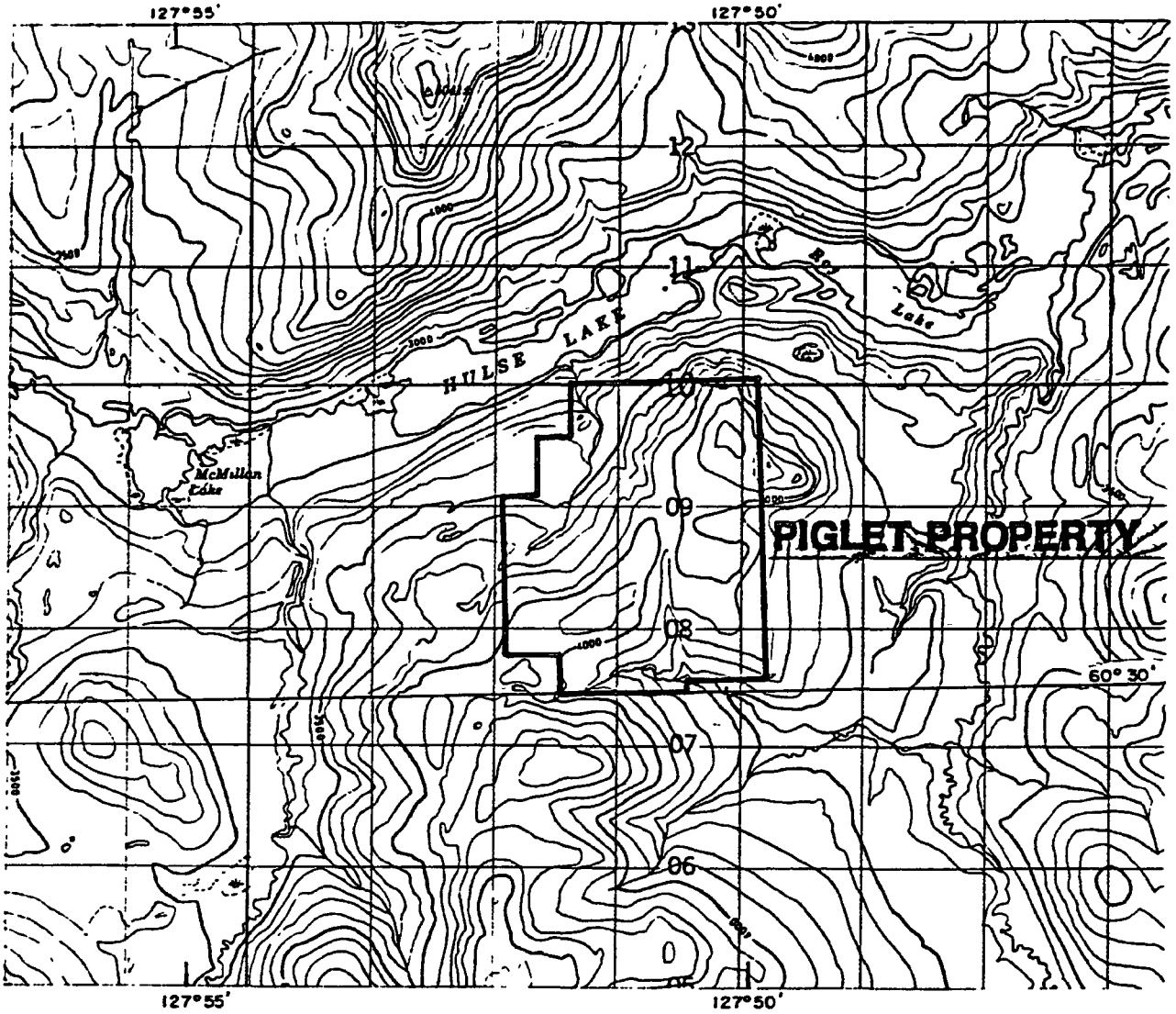
N

SILVERQUEST RESOURCES LTD.

PIGLET PROPERTY
WATSON LAKE M.D., YUKON TERR.

QUARTZ CLAIM MAP

FEBRUARY 1986 NTS:95-D-12
BY:J.P.FRANZEN P.Eng./r.w.r. FIGURE: 2



NOTE: CONTOUR INTERVAL = 100 FEET

N

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PIGLET PROPERTY

WATSON LAKE M.D., YUKON TERR.

TOPOGRAPHIC MAP

FEBRUARY 1986 NTS:95-D-12

BY:J.P.FRANZEN P.Eng./r.w.r. FIGURE: 3

PROPERTY HISTORY

The Hulse Lake area has seen more or less continuous exploration activity since the early 1950's. Early work focused on the plus one million tonnes McMillan zinc-lead-silver sulphide deposit. Later work continued on the McMillan deposit and mineral occurrences on adjoining claim blocks. The PIGLET property is four km east of the McMillan deposit.

Work programs on and in the immediate vicinity of the PIGLET property are summarized below:

1954 Staked as the SN claims by Liard River Mining Company Ltd. Work program: geological mapping, hand trenching, soil sampling, EM surveys.

1973 Staked as the PORKER claims by Hyland Joint Venture. Work program: detailed geological mapping, prospecting, grid soil sampling, gravity surveys (Archer, 1973; Cathro, 1973).

1975 Hyland Joint Venture work program: gravity surveys and four diamond drill holes totalling 303 m. The drill holes were collared 600 m off the northeast corner of the PIGLET claims (Cathro, 1975). Cost of 1973-1975 programs = $300,000.

1981-1982 Kidd Creek Mines Ltd. staked the CUZ and QUIVER claims. These claims bordered the PORKER property on three sides. Work program: geological and geochemical surveys.

1984 Staked as the PIGLET claims by Archer, Cathro & Associates (1981) Limited.

1984 Archer, Cathro & Associates (1981) Limited work program: prospecting, geological mapping, soil geochemical surveys (Carne, 1985). Cost of 1984 program = $25,000.

REGIONAL GEOLOGY AND MINERALIZATION

As noted in a previous section, bedrock exposure in the Hulse Lake area is poor. As a result, the area has received only minimal attention from the Geological Survey of Canada (Gabrielse and Blusson, 1968). Carne (1985) reports that the area is underlain by interbedded phyllite, grit, quartz-feldspar pebble conglomerate and minor limestone of the Hadrynian "Grit Unit" and Lower Cambrian "Phyllite Unit". The structural geology is poorly understood because of poor outcrop and the lack of marker horizons. The stratigraphy has been intruded and domed by a number of aligned mid-Cretaceous to Tertiary granitic bodies. Just northeast of Hulse Lake, rocks are thermally metamorphosed, presumably above an unroofed granitic body. Elsewhere the metamorphic grade is low.

The McMillan deposit is 4 km west of the PIGLET property. Vaillancourt (1982) reports drill indicated reserves totalling 1.5 million tonnes grading 6.6% Zn, 5.5% Pb and 102 g/t Ag. The massive sulphide mineralization is hosted by Hadrynian to Cambrian sedimentary rocks. Mineralization is both stratiform and discordant. Siderite is a common gangue mineral. Arsenopyrite mineralization forms an irregular halo around the deposit. Most recent data support a hydrothermal replacement origin for the deposit.

PROPERTY GEOLOGY AND MINERALIZATION

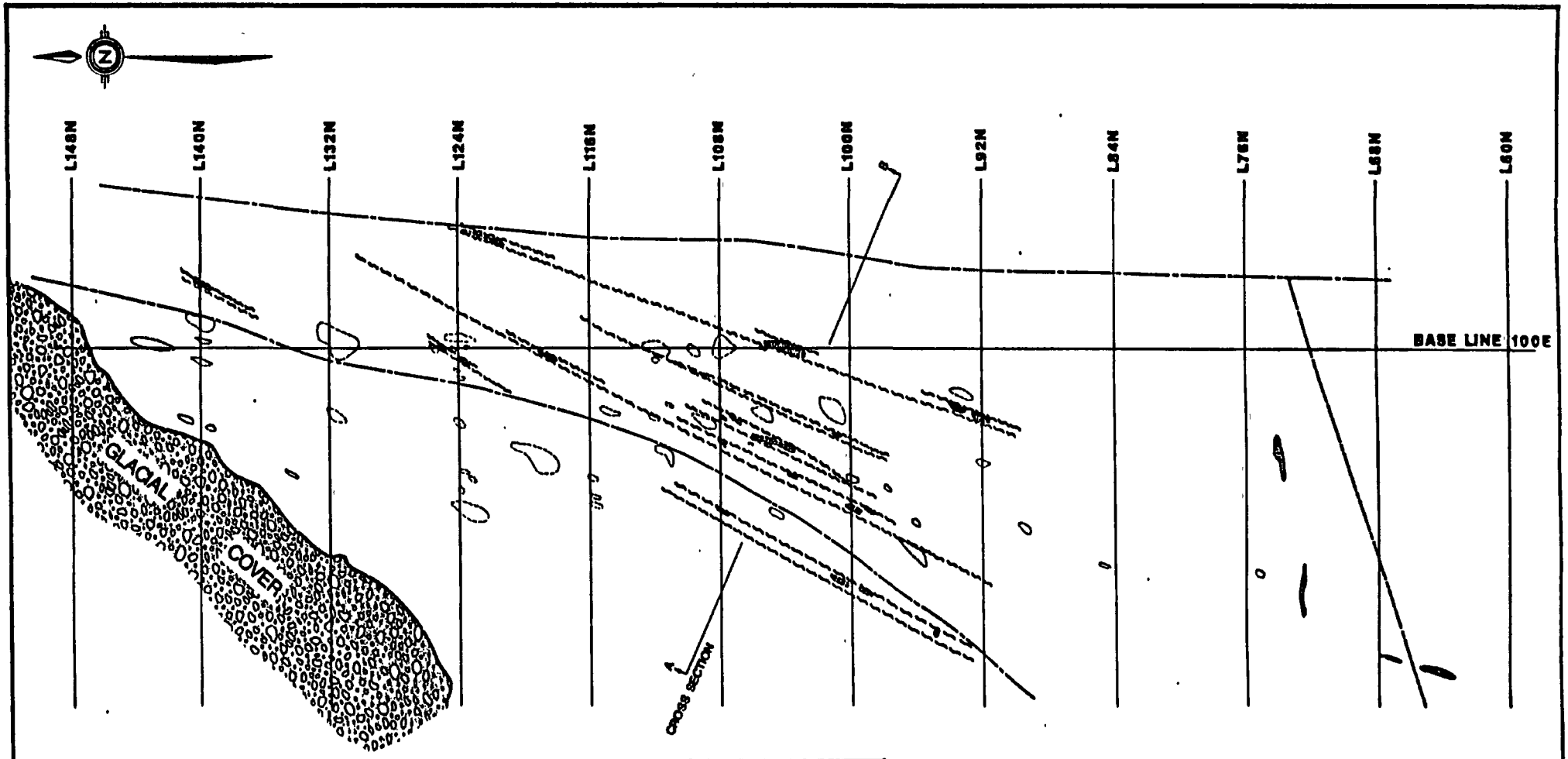
Geology of the PIGLET property is shown on Figure 4. This information was compiled by Carne (1985) and is based upon the results of reconnaissance exploration programs described earlier in this report.

The PIGLET claims cover a series of north, east and northeast trending air photograph lineaments. Work programs have focused on the lineaments area; Carne (1985) reports the following geological observations:

1. The lineaments are marked on the ground by a number of steep-walled, linear topographic depressions. The northerly-trending depressions are more or less continuous for 1.5 km along-strike. The depression or lineament zone is 500 m wide.

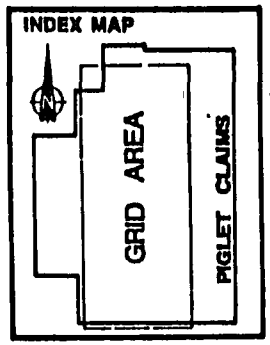
2. Bodies of massive to banded siderite and manganiferous iron-oxide, after siderite, occur in and adjacent to the lineaments. These lenses are up to 60 m long and 15 m wide and are elongate parallel to the lineaments. The siderite is often pyritic with variable amounts of arsenopyrite. Gold values for six siderite samples range from 21 to 182 ppb.

4. Quartzitic wallrocks display irregular areas of silica alteration. The degree of alteration ranges from weak silicification to complete replacement by chalcedony. The latter is often accompanied by finely disseminated arsenopyrite. Quartz flooding, gold and arsenopyrite values show a positive correlation. Nine strongly silicified samples returned gold values between 80 ppb and 18,300 ppb. These silica altered rocks form local, positive bedrock features; interlayered rocks (phyllites and carbonaceous limestone) tend to weather recessively resulting in poor bedrock exposure.



LEGEND:

- BANDED TO MASSIVE, MANGANIFEROUS IRON-OXIDE AFTER SIDERITE
- SILICIFIED, BRECCIATED, OCCASIONALLY PYRITIZED AND ARSENIFIED QUARTZITE OUTCROP
- FAULT
- AIR PHOTOGRAPH LINEAMENT



100 0 400
SCALE IN METRES

SILVERQUEST RESOURCES LTD.

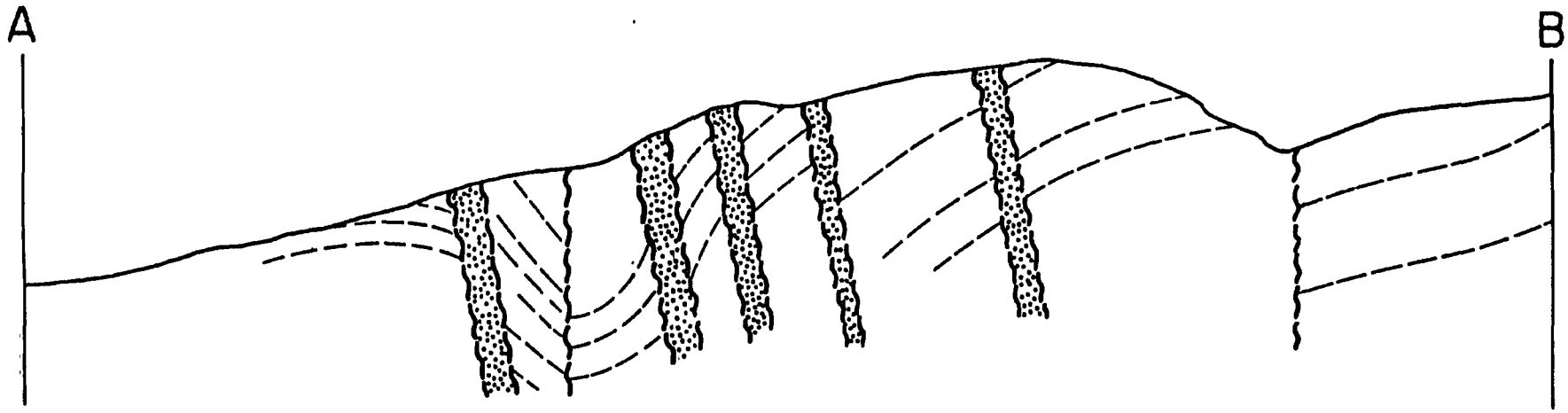
PIGLET PROPERTY

WATSON LAKE M.D., YUKON TERR.

PROPERTY GEOLOGY MAP

FEB.,1986 NTS:95-D-12

BY:J.P.FRANZEN P.Eng./r.w.t. FIGURE: 4



LEGEND:

BANDED TO MASSIVE, MANGANIFEROUS IRON-OXIDE AFTER SIDERITE

FAULT

0 100 200

SCALE IN METRES

SILVERQUEST RESOURCES LTD.

PIGLET PROPERTY

WATSON LAKE M.D., YUKON TERR.

PROPERTY GEOLOGICAL CROSS SECTION

FEB.,1988 NTS:95-D-12

BY:J.P.FRANZEN P.Eng./P.W.R. FIGURE:5

The above geological data are consistent with the vertical cross-section shown in Figure 5 (Carne, 1985). Lineaments are the surface expression of large, high-angle faults. Early, northeast-trending faults appear to be truncated by later north and east-trending faults (Figure 4). Hydrothermal fluids have moved through these structures. Siderite-pyrite-arsenopyrite mineralization has been localized in and along the fault zones; silica and strongly anomalous levels of arsenic and gold have been introduced into the adjacent country rock. The presence of chalcedony suggests that the present surface may have cut the hydrothermal system at a relatively high level.

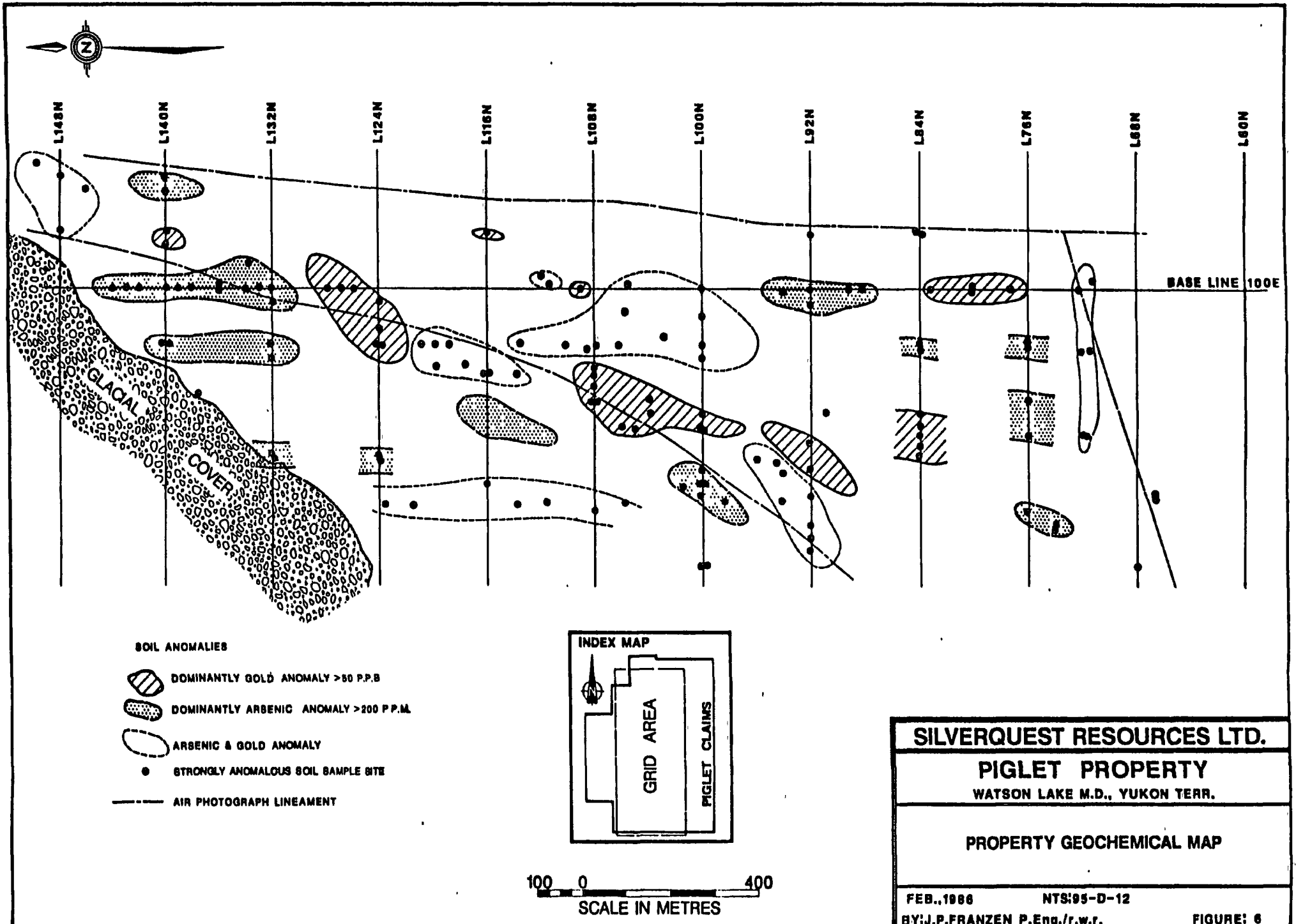
In a very general way, known metal and mineral zonation in the Hulse Lake area is similar to that seen in the Ketza River district, 250 km northwest of the PIGLET property. At Ketza River, gold mineralization is centered on a thermal dome. This mineralization is flanked by barren, massive siderite lenses (compare with PIGLET). Silver-lead-zinc-siderite mineralization (compare with McMillan) is peripheral to the siderite lenses. Drill indicated reserves at the Ketza prospect total 860,000 tonnes at an average grade of 12.2 g/t Au.

PROPERTY GEOCHEMISTRY

Several reconnaissance soil sampling programs have been completed in the lineament area (Carne, 1985). For the most part, soil grid line spacing is 245 m; however, a significant number of fill-in samples have been collected in key areas. Samples analyzed for arsenic are on 60 m and 120 m centres; samples analyzed for gold are on 30 m centres. Intermediate samples, on 15 m centres, were collected but not analyzed. The writer reviewed approximately 200 arsenic and 300 gold in soils determinations. Results of this review are summarized below and in Figure 6.

PIGLET SOIL GEOCHEMISTRY

Element	Background		Strongly Anomalous	Number of Strongly Anomalous Samples
Gold	10	ppb	50	59
Arsenic	50	ppm	200	78



SILVERQUEST RESOURCES LTD.

PIGLET PROPERTY

WATSON LAKE M.D., YUKON TERR.

PROPERTY GEOCHEMICAL MAP

FEB.,1986 NTS:95-D-12

BY:J.P.FRANZEN P.Eng./r.w.r. FIGURE: 6

Sixty-eight percent of the samples that were anomalous in gold, and that were analyzed for arsenic, returned anomalous arsenic values. Thirty-six percent of the samples that were anomalous in arsenic, and that were analyzed for gold, returned anomalous gold values.

There are insufficient data to contour the soil values. As a result, the writer grouped the strongly anomalous values into a number of gold; arsenic; and gold-arsenic anomalies. In spite of the reconnaissance-type line spacing the anomalies show strong continuity (Figure 6). The anomalous zone is 2,000 m long and 500 m wide. The eastern and southern limits of the anomalous zone are bordered by lineaments. Glacial cover delimits the anomaly to the north and west. The general anomaly pattern is one of a north-northeast-trending gold and gold-arsenic axis that is flanked by arsenic. The area of anomalous soils is coincident with the large lineament zone. Bedrock sources for most of the anomalies have not been identified.

CONCLUSIONS AND RECOMMENDATIONS

Reconnaissance exploration programs on the 408 hectare PIGLET property have demonstrated that:

1. Bedrock exposure is poor.

2. A number of steep-walled linear topographic depressions are present. These are considered to be the surface expression of high-angle faults.

3. The lineaments contain elongate zones of siderite-pyrite-arsenopyrite mineralization.

4. Quartzitic lineament wallrocks display large irregular areas of silicification. Elevated levels of arsenic and gold are associated with the silicified zones.

5. Reconnaissance soil samples contain strongly anomalous values of gold and arsenic over an area 2,000 m long and 500 m wide.

6. The area of strongly anomalous soils is coincident with the lineament zone.

7. Bedrock sources for most of the soil anomalies have not been identified.

Geological features on the PIGLET property indicate that the prospect has significant potential for both fault and sediment-hosted gold mineralization. Accordingly, the writer recommends a two-stage program to test the potential of the PIGLET property. The first stage would include grid preparation, soil geochemistry, VLF-EM-RESISTIVITY surveys, geological mapping and hand trenching. The existing grid should be filled-in with cross lines on 80 m centres. These lines should be extended to areas of interest, east and west of the established baseline. The grid lines need not be cut; compass, slope-corrected chain and flagging surveys would be adequate. Soil samples should be collected on 30 m centres. This could be tightened up to 15 m centres to provide better definition in highly anomalous areas. Intermediate samples, collected but not analyzed in 1984, could assist with anomaly definition. The samples should be analyzed for gold and arsenic. Several geochemical orientation surveys should be undertaken near known bedrock mineralization and within the anomalous zones. In addition to gold and arsenic, the orientation samples should be analyzed for antimony, mercury, silver, lead, zinc, copper, barium and thalium. These data could indicate the level at which the present surface has cut the hydrothermal system. A VLF-EM-RESISTIVITY survey is warranted. This quick and cost-effective survey could trace fault structures through overburden-covered areas; identify areas of intense silicification (high resistivity); and target carbonaceous or graphitic zones and horizons in the stratigraphy. These three factors (faults, silica flooding and carbon) are commonly key ore controls in structurally-controlled gold deposits. The VLF-EM-RESISTIVITY survey would allow geochemical anomalies to be prioritized for hand trenching work.

Contingent on positive results, Stage 2 should include additional trenching and a diamond drill program to properly assess the zones of interest identified by Stage 1 work.

COST ESTIMATE

Stage 1 (Engineer and Four Assistants - 45 field days)

GRID LAYOUT - 30 km	
Labour cost	$ 8,000
SOIL GEOCHEMISTRY - 2000 samples	
Labour cost	8,000
Analytical cost	25,000
VLF-EM SURVEY	
Labour cost	4,000
Equipment cost	1,000
VLF-RESISTIVITY SURVEY	
Labour cost	8,000
Equipment cost	1,000
ENGINEER	
Field labour cost	20,000
Report labour cost	5,000
HAND TRENCHING	
Labour cost	8,000
Explosives	2,000
CAMP SUPPORT	
225 man days	7,000
EQUIPMENT	
Field supplies	4,000
TRANSPORTATION	5,000
REPORT SUPPORT	3,000
CONTINGENCIES AT 15%	16,000
Stage 1 Total	$ 125,000

Stage 2 (Contingent on results of Stage 1)

DIAMOND DRILLING	
1500 metres	$ 369,000
SUPERVISION, SUPPORT, TRENCHING, TRANSPORTATION, CAMP, REPORT, ETC.	75,000
Stage 2 Total	$ 444,000
GRAND TOTAL STAGES 1 AND 2	$ 569,000

REFERENCES

Archer, A.R. (1973) — Report on the PORKER 1-54 Claims for Hyland Joint Venture. Unpublished private report, 16 pp.

Carne, R.C. (1985) — Geochemical and Geological Report on the PIGLET 1-32 Claims. Unpublished private report, 15 pp.

Cathro, R.J. (1973) — Final Report Hyland Joint Venture. Unpublished private report, 48 pp.

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Gabrielse, H. and Blusson, S.L. (1968) — Geology of Coal River Map-Area, Yukon Territory and District of Mackenzie. Geol. Surv. Can. Paper 68-38, 22 pp.

Vaillancourt, P.G. 1982) — Geology and Genesis of Pyrite-Sphalerite-Galena Concentrations in Proterozoic Quartzite at Quartz Lake, Yukon Territory. Unpublished M.Sc. Thesis, University of Western Ontario, 178 pp.

CERTIFICATE

I, Jeffrey Paul Franzen, P.Eng., of 4990 Cedarcrest Avenue, North Vancouver, B.C. do hereby certify that:

1. I am a Consulting Mining Geologist registered with the Association of Professional Engineers of British Columbia since 1982.

2. I am a graduate of the University of British Columbia with B.Sc. (1972) and Carleton University with M.Sc. (1974).

3. I have practiced my profession continuously since 1974. In Yukon: as Mine Geologist, Research Geologist and Chief Geologist, United Keno Hill Mines Ltd., and Exploration Geologist, Cyprus Anvil Mining Corp. In British Columbia: Regional Geologist - Western Canada, Billiton Canada Ltd.

4. This report is based upon research of published reports and maps and data supplied by Archer, Cathro & Associates (1981) Limited. Inclement weather conditions prevented the writer from visiting the subject property.

5. I have no interest, direct or indirect, in the PIGLET property or Silverquest Resources Ltd.

6. Permission is hereby granted to Silverquest Resources Ltd. to use this report in support of any Prospectus, Statement of Material Facts or Filing Statement to be submitted to the Superintendent of Brokers and the Vancouver Stock Exchange.

North Vancouver, B.C.
February 28, 1986

J.P. Franzen, P.Eng.

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

1016 - 510 WEST HASTINGS STREET
VANCOUVER, B. C. V6B 1L8
(604) 688-2568

SILVERQUEST RESOURCES LTD.

BULLDOZER TRENCHING PROGRAM

IDAHO CREEK PROPERTY, YUKON

(DAH 1-22, 25-49, 50F-59F, 60-66, 68-91)

EIP Designation Number EIP86-021

WHITEHORSE MINING DISTRICT

NTS 115J/9 and 10

Latitude: 62°45'N

Longitude: 138°33'W

OCTOBER, 1986

by

R.C. Carne, M.Sc. W.H. Halleran, B.Sc.

Work done between May 31 - July 1, 1986 and August 9, 1986

BOX 4127, 3125 THIRD AVENUE, WHITEHORSE, Y. T. Y1A 3S9
(403) 667-4415

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3	Regional Geology	Follows Page 7
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6	Trench 86-2	Follows Page 10
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APPENDICES

Appendix I Statement of Qualifications for R.C. Carne

Appendix II Certificate of Analyses

Appendix III List of Employees and Contractors

CONCLUSIONS AND RECOMMENDATIONS

Silverquest Resources Ltd. explored the 88 claim Idaho Creek property in 1986 under an option agreement with Chevron Canada Resources Limited. Work took place between May 31st and July 1st and on August 9, 1986 and consisted of 169 hours of trenching using a Caterpillar D-7E bulldozer, trench sampling and peripheral prospecting. A two-man crew returned on August 9, 1986 to hand pit and sample thawed ground exposed in June by bulldozer stripping. One hundred and sixty soil samples, 55 chip samples of bedrock and 21 grab samples of bedrock were collected from the trenches.

The trenching program was terminated prematurely when heavier than expected permafrost was encountered. Vegetation was stripped from proposed trenches which will induce a permanent permafrost retreat. A total of eight trenches was attempted with a total volume excavated of 13,064 m3.

Four multi-element geochemical anomalies were outlined by previous grid soil sampling programs. These anomalies outline a linear trend 5 km long and up to 7 km wide. Axis of the trend is coincident with a northeast-trending topographic linear which cuts the host Cretaceous granodiorite.

Because of difficult ground conditions, bedrock was not encountered within the main anomalous zones. Analyses of soil samples taken at regular intervals from the floors of the trenches support results of the earlier soil sampling program and, consequently, the anomalies have not been adequately explored. Further work should consist of additional excavator or bulldozer trenching to deepen trenches started in 1986.

Because of the relative remoteness of the area, this should be deferred until the proposed Casino road is constructed as far as the property.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

R.C. Carne, M.Sc.

W.H. Halleran, B.Sc.

/mc

INTRODUCTION

The Idaho Creek property (DAH 1-22, 25-49, 50F-59F, 60-66 and 68-70 claims) was staked in 1985 by Freegold Venture (Chevron Canada Resources Limited) to cover an east-northeast trending geochemical target outlined in 1980 by Nat JV (Chevron Canada Resources Limited and Armco Mineral Exploration Ltd).

Follow-up prospecting, geological mapping, and grid soil geochemical sampling in 1985 by Freegold Venture delineated a number of moderate to strong gold, arsenic, lead and silver soil geochemical anomalies and with associated mineralized vein float.

Silverquest Resources Ltd. explored the Idaho Creek property in 1986 under an option agreement from Chevron and added the DAH 71-91 claims to cover possible extensions of the anomaly.

Work in 1986 took place between May 31st and July 1st and consisted of 169 hours of trenching using a Caterpillar D-7E bulldozer, trench sampling and peripheral prospecting. A two-man crew returned on August 9, 1986 to hand pit and sample thawed ground exposed in June by bulldozer stripping.

Personnel and contractors used are tabulated in Appendix III.

One hundred and sixty soil samples, 55 chip samples of bedrock and 21 rock grab samples were collected from the trenches. Soil samples were screened to -35 mesh and pulverized to approximately -100 mesh and analyzed by fire assay followed by neutron activation analysis (FA-NAA) for gold. Rock samples were pulverized to -140 mesh and analyzed for gold by FA-NAA. All samples also underwent a 30 element analysis by Induced Coupled Plasma (ICP) technique. All analyses were performed by Chemex Labs Ltd. of North Vancouver, B.C.

The trenching program was terminated prematurely when heavier than expected permafrost was encountered. Vegetation was stripped from proposed trenches which will induce a permanent permafrost retreat to facilitate future trenching programs. A total of eight trenches was attempted with a total volume excavated of 13,064 m3 (Table I).

TABLE I
1986 BULLDOZER TRENCH SUMMARY

Trench	Length (m)	Width (m)	Avg. Depth (m)	Volume (m3)	Claim
86-1	78	4	2	624	Dah 48
86-2	80	4	2	640	Dah 46
86-3	70	3	1	210	Dah 46
86-4	350	4	2	2800	Dah 44
86-4a	220	4	0.5	440	Dah 44,53F
86-5	700	4	2	5600	Dah 32,43,44,53F
86-6	600	3	0.75	1350	Dah 9,27,28
86-7	100	4	1.5	600	Dah 9
86-8	200	4	1	800	Dah 48
			TOTAL	13,064 m3	

Approximately 90% of the material excavated was partially thawed or frozen overburden consisting of organic soil, volcanic ash and soliflucted bedrock. The remaining 10% consisted of broken, in place overburden.

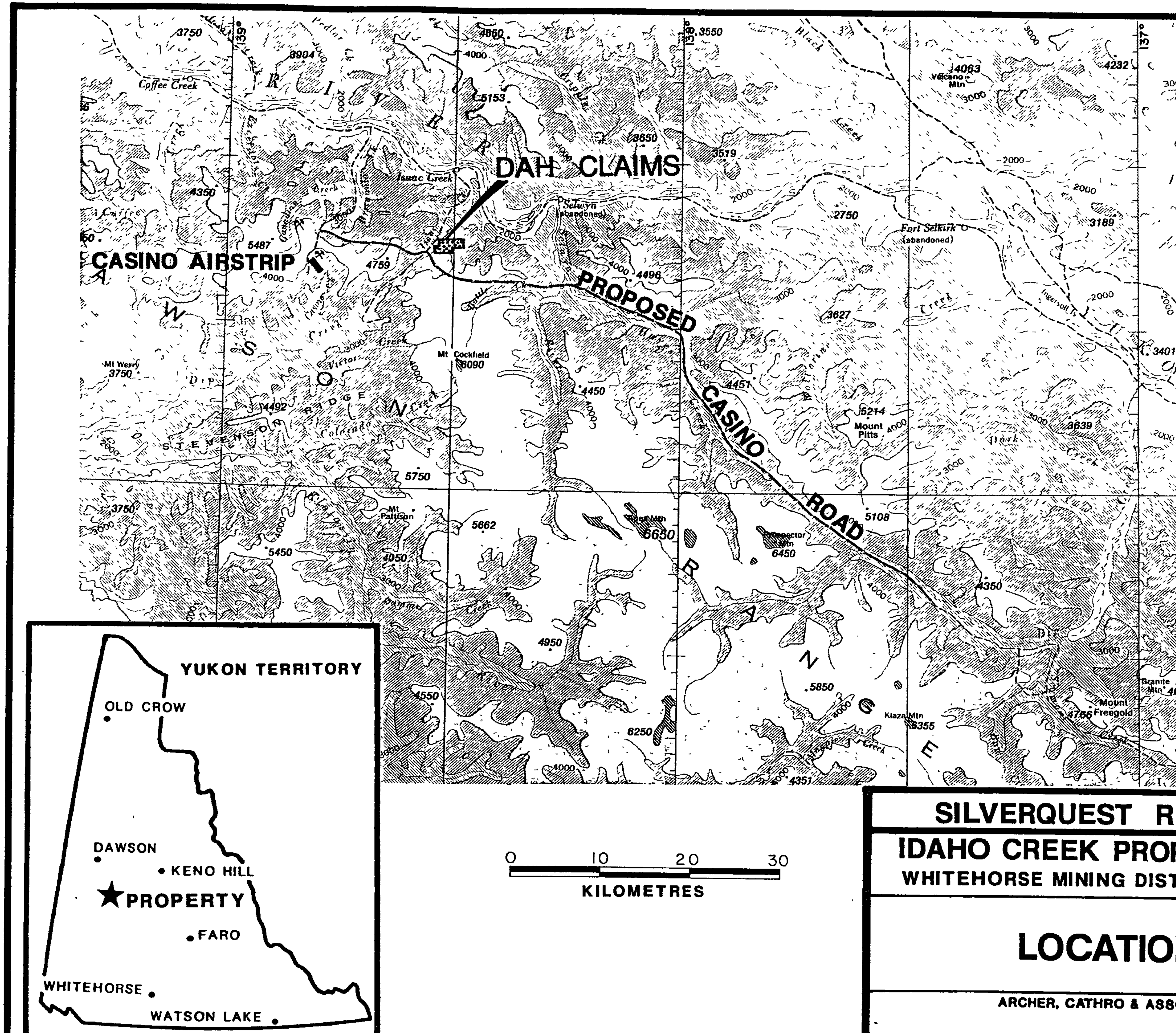
PROPERTY, LOCATION AND ACCESS

The Idaho Creek property consists of 78 full size and 10 fractional claims. These claims are held under option by Silverquest Resources Ltd. from Chevron Canada Resources Limited. Claim details are:

Claim Name	Grant Number	Expiry Date*
DAH 1-22	YA92012-YA92033	March 19, 1993
DAH 25-47	YA92034-YA92056	March 19, 1993
DAH 48-49	YA92744-YA92745	March 19, 1993
DAH 50F-59F	YA93757-YA93766	March 19, 1993
DAH 60-66	YA93767-YA93773	March 19, 1993
DAH 68-70	YA93774-YA93776	March 19, 1993
DAH 71-91	YA94887-YA94907	June 11, 1989

The property lies 14 km due east of the Casino porphyry copper deposit at latitude 62°45'N and longitude 138°33'W on NTS map sheets 115J/9 & 10. Access to the claim block in 1986 was by a Bell 206B helicopter under contract by Trans North Air from a permanent trailer camp near the Casino airstrip. The Casino airstrip is 310 km north-northwest of Whitehorse and has a serviceable length that will accommodate aircraft up to DC-3 size. Nearest road access is the Freegold Road, 76 km to the southeast. The route for the proposed Casino Road passes one km west of the property (Figure 1).

*Expiry dates listed assume acceptance of assessment credits resulting from the 1986 program.



SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

LOCATION MAP

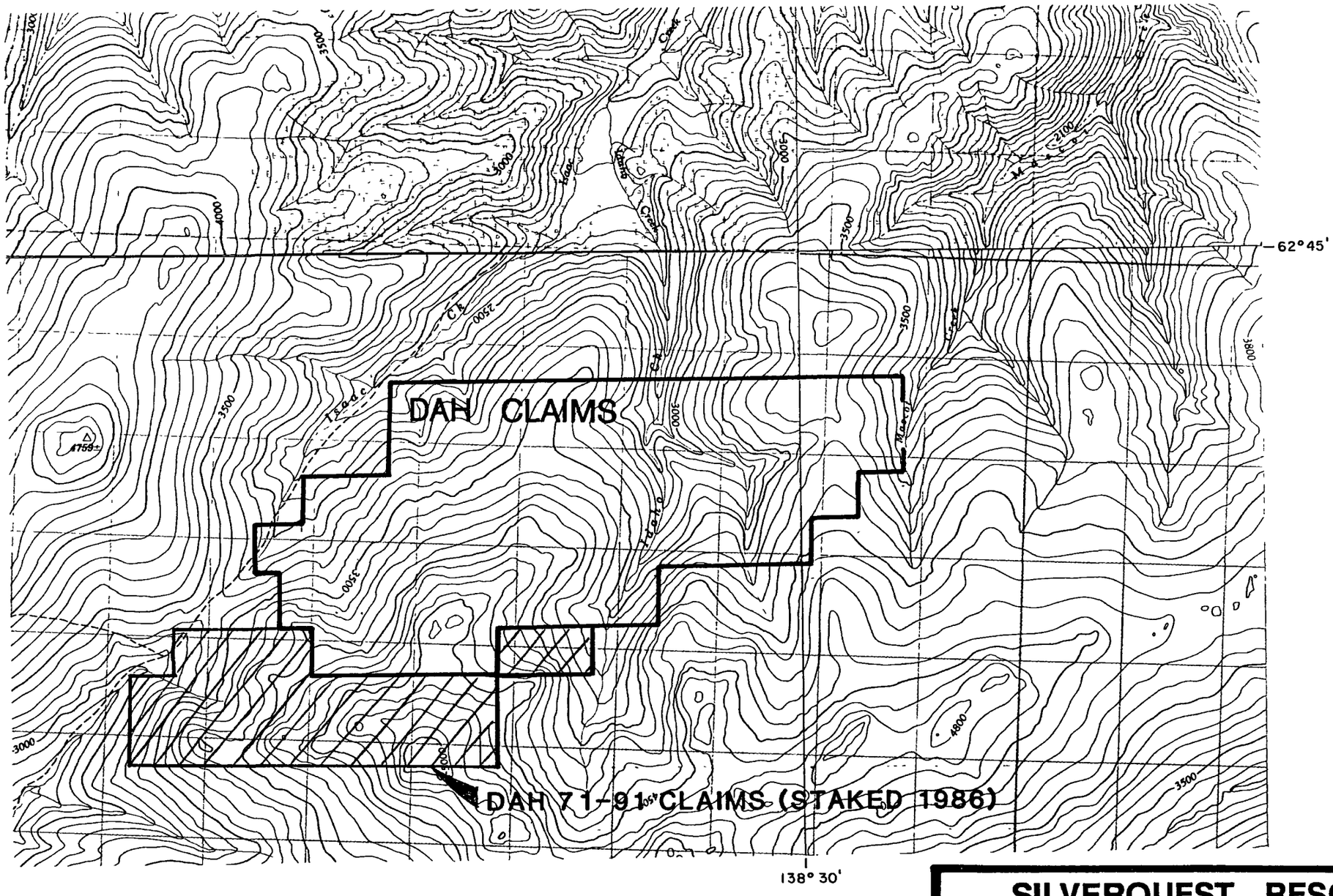
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

To accompany report dated Oct, 1986

Figure 1

PHYSIOGRAPHY AND GEOMORPHOLOGY

The property is bounded by Isaac Creek on the west and Mascot Creek on the east with the two forks of Idaho Creek cutting through its centre. All four streams flow north into the Yukon River. Elevations range from 820 m in the creek beds to 1400 m on the crests of intervening ridges (Figure 2). Most of the property is underlain by long, gentle, north-facing slopes that are heavily vegetated with thick moss, slide alder and stunted black spruce. Outcrops and talus slopes are restricted to ridge crests, the southwest corner of the property which is well above treeline, canyons on Idaho Creek immediately upstream from the forks, and a well drained south-facing slope vegetated with poplar trees in the northeastern part of the property. Most ridge tops are well rounded and exhibit scattered castellated outcrops. This area, along with most of the Dawson Range, escaped the Pleistocene continental glaciation resulting in a deeply weathered profile. Soil development is poor in almost all parts of the property and organic soil and recent volcanic ash commonly lie directly on coarse, angular boulders enclosed by permanently frozen clay-rich mud. The boulders are derived from the more massive, resistant weathering rock types and tend to obscure highly fractured or altered, recessive weathering units.



SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

TOPOGRAPHIC MAP

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

To accompany report dated Oct., 1986

Figure 2

REGIONAL GEOLOGY

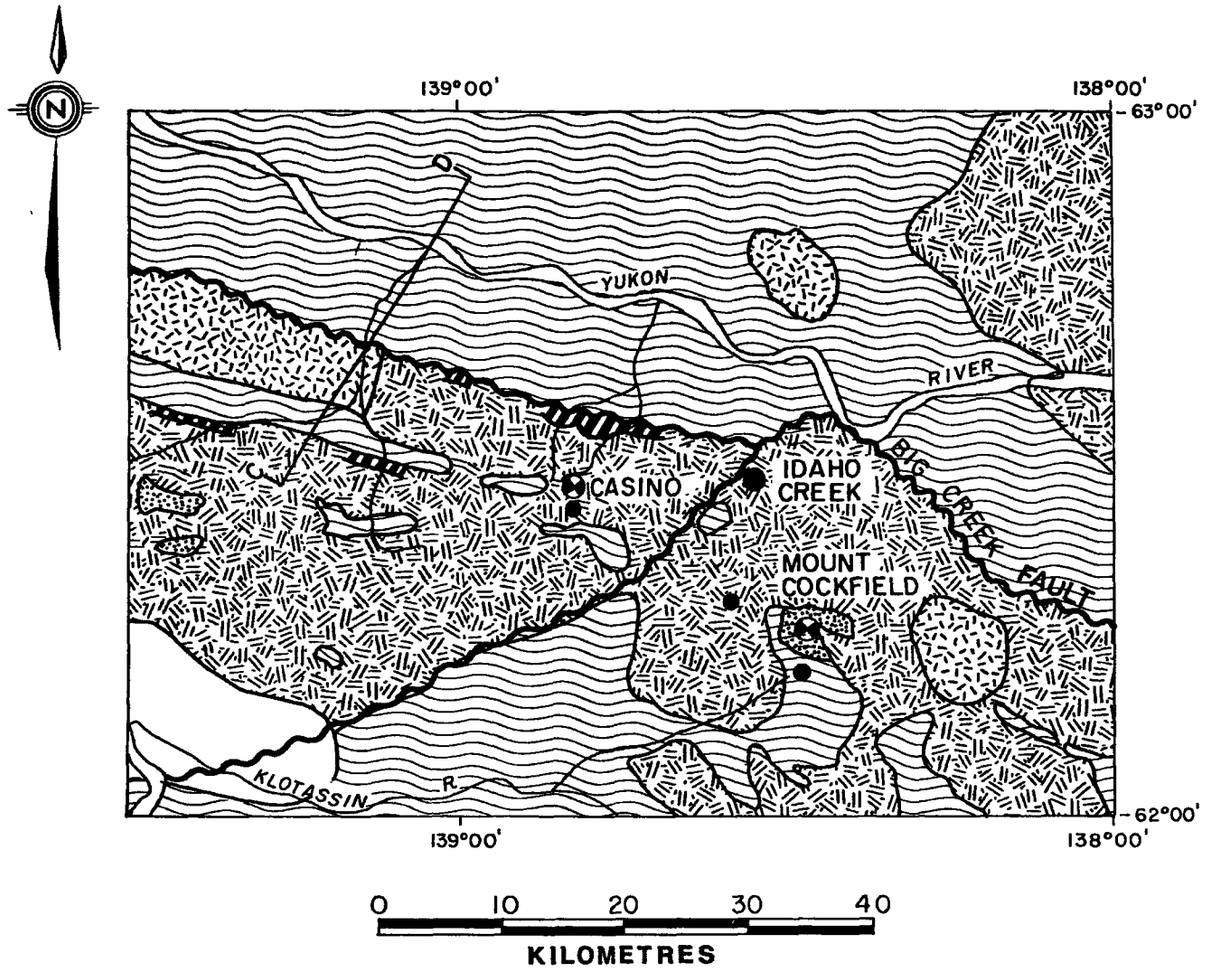
The Idaho Creek property sits within the Klotassin Batholith, bounded on the west by the northeast-trending Dip Creek Fault and to the north by the southeast-trending Big Creek Fault (Figure 3). The Big Creek Fault is the geologic contact between Yukon-Tanana Terrane to the northeast and Stikinia Terrane to the southwest. The Dip Creek Fault appears to displace the Big Creek Fault in a left lateral sense.

The Idaho Creek area occurs midway between the Casino and Cockfield porphyry copper deposits. These are genetically associated with Late Cretaceous Mount Nansen Group quartz-feldspar porphyry intrusions. A belt of precious metal-bearing veins and breccias associated with Mount Nansen intrusions extends for a 100 km distance from the Casino area southeasterly along the Big Creek Fault to Freegold Mountain.

PROPERTY GEOLOGY

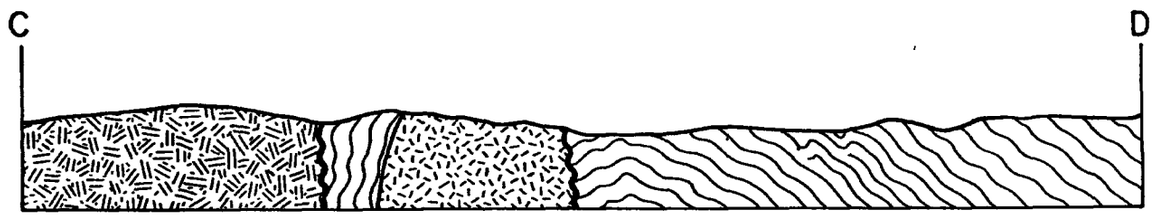
The Idaho Creek property is underlain by five intrusive units listed below from oldest to youngest. The oldest is Late Jurassic or Early Cretaceous in age while all other units are Middle to Late Cretaceous in age.

Tan weathering, medium-grained diorite (JKd) containing abundant hornblende, biotite and feldspar phenocrysts is the dominant rock type in the southeastern part of the property. It is resistant weathering and often forms angular castellated outcrops.



LEGEND:

- CASINO VOLCANIC COMPLEX
- COFFEE CREEK GRANITE
- KLOTASSIN GRANITIC ROCK
- SERPENTINIZED ULTRAMAFIC ROCK
- YUKON METAMORPHIC COMPLEX
- FAULT
- GEOLOGIC CONTACT
- PORPHYRY COPPER
- EPITHERMAL VEIN Au,Ag,Cu,Pb,Zn,As



DIAGRAMMATIC CROSS-SECTION

(AFTER GODWIN, 1975)

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

REGIONAL GEOLOGY

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

To accompany report dated Oct., 1986

Figure 3

Anomaly	Dimensions	Principal Metals	Maximum Values Au ppb	Ag ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Comments
A	varies from metal to metal but relatively contiguous over 1200 x 600 m	polymetallic	258	122.0	3302	1010	1500	1110	Shape of anomaly suggests dispersion from 2 or more NNE-trending zones and possibly ENE-trending zone; quartz veins occur in part of this anomaly
B	varies from metal to metal but relatively contiguous over 1000 x 400 m	polymetallic	1490	11.2	1256	1210	690	20	same as A
C	two or more clusters within 800 x 400 m	Au,As	6550	1.8	178	900	2300	10	As and Au values coincide with porphyry dykes and ENE-trending linears
D	scattered clusters within 1000 x 300 m	Au,As	918	10.2	264	470	1000	10	Anomalous values follow ENE trend developed in the hanging wall of the porphyry dyke and major linear

Table II: Geochemical Anomalies, Idaho Creek Property

Dark gray weathering, equigranular hornblende-biotite granodiorite (Kgd) occurs throughout the property and intrudes the diorite (JKd). This unit is also resistant weathering and forms rounded castellated outcrops with rough pebbly surfaces caused by preferential weathering of feldspar compared to quartz grains. Pegmatite and aplite dykes commonly occur within the unit. The pegmatites feature potassium feldspar and quartz exhibiting graphic textures with muscovite in radiating masses up to 15 cm in diameter. Diorite-granodiorite contacts are sharp and do not show chilled margins or evidence of recrystallization. However, diorite xenoliths found within the granodiorite near the contact exhibit various stages of assimilation ranging from fresh to near total recrystallization.

Dark gray hornblende-biotite quartz diorite (Kgdl) dykes cut both the diorite and the granodiorite. These rocks closely resemble the diorite except that they are a slightly darker in colour and contain quartz phenocrysts. Most dykes consist of quartz and feldspar phenocrysts in a medium-grained matrix but some are comprised of rounded quartz eyes in an aphanitic matrix. Contacts with the granodiorite (Kgd) are sharp while those with the diorite (JKd) are difficult to recognize due to the mineralogical similarity.

Pink, medium-grained biotite granite (Kg) containing phenocrysts of pink potassium feldspar up to 4 cm in diameter occurs along the southern edge of the property. This unit is friable and recessive weathering. No contacts were observed; thus, its relationship to the other units is unknown.

Red to purple, recessive weathering, quartz-feldspar porphyry (Kmnr) forms a southerly-dipping dyke which trends east-northeasterly across the centre of the property. It consists of unaltered, twinned orthoclase crystals up to 4 cm in diameter in a fine-grained, gray matrix. Feldspar and hornblende in the matrix are pervasively altered to clay and limonite, respectively, producing a rusty friable rock from which the orthoclase phenocrysts are easily extracted.

A prominent, recessive weathering linear cuts east-northeasterly across the property adjacent to the porphyry dyke. Several smaller north-northeast trending shear zones and linears occur in the southwest corner of the property.

RESULTS

Four multi-element soil geochemical anomalies occur on the property. These outline a linear trend 5 km long and up to 1 km wide. Axis of the trend is coincident with a northeast-trending topographic lineament. The anomalies are segregated into four groups, termed A to D, as described in Table II following. Locations of the 1986 trenches with respect to gold soil geochemical anomalies are shown on Figure 4 in the pocket. Sample locations, assays and geology of the trenches are shown on Figure 5 to 10.

Anomaly A

Trenches 1, 2, 3 and 8 were cut at the southwest end of the anomalous trend to explore the uphill edge of Anomaly A. Difficult ground conditions, in particular up to 2 m of large granitic boulders in frozen mud limited the length and depth of the trenches. Trenches 3 and 8 did not reach bedrock along any part of their length.

Bedrock geology in the vicinity of Anomaly A consists of granodiorite (Kgd) cut by quartz diorite (Kgdl) dykes. North-northwest and north-northeast trending, steeply dipping rusty gouge zones with highly fractured manganese-stained country rock selvages on one or both walls cut the granodiorite. These are widespread and infrequent in the area explored by Trenches 1 and 2.

Overall width of the gouge zones varies between 25 cm and 6 m. Narrow, discontinuous quartz-sulphide veins (up to 4 cm wide) are commonly associated with the gouge zones. White plastic gouge (probably shattered quartz vein material) is also occasionally present. The veins contain up to 80% sulphide minerals including pyrite, galena, sphalerite and arsenopyrite. A 3 cm wide arsenopyrite-rich quartz vein on the northeast wall of Trench 1 assayed

Figure 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 86-1

IDAHO CREEK PROPERTY
SILVERQUEST RESOURCES LTD.

SCALE 1:200

0 5 10m

N

NORTH RIB

E 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0

FRACTURED GRANODIORITE (Kgd)
MN-STAINED FRACTURED GRANODIORITE (Kgd)
RUSTY GOUGE WITH MINOR MN-STAINED GRANODIORITE (Kgd)
FRACTURED GRANODIORITE (Kgd)

P23120: 1m CHIP - 615 ppb Au
P23121: 1.7m CHIP - 602 ppb Au
P23122: 1.3m CHIP - 1330 ppb Au
P23123: 2.5m CHIP - 809 ppb Au

OVERBURDEN

P23209: 2m "C" HORIZON BULK SAMPLE - 76 ppb Au
P23208: 5.5m "C" HORIZON BULK SAMPLE - 49 ppb Au

GRANODIORITE (Kgd)
FELSITE (Kmar) DYKE
PYRITIC GRANODIORITE (Kgd)
VERY FRACTURED & ALTERED Kgd
MN-RICH, RUSTY GOUGE
4cm QZ-SULPHIDE VEIN
VERY FRACTURED & ALTERED Kgd
MN-RICH, RUSTY GOUGE

P23119: 2m CHIP - 57 ppb Au
P23115: 1m CHIP - 39 ppb Au
P23118: 1m CHIP - 16 ppb Au
P23114: 2m CHIP - 75 ppb Au
P23113: 2m CHIP - 13 ppb Au
P23117: 3m CHIP - 244 ppb Au
P23116: 0.5m CHIP - 106 ppb Au

Figure 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 86-2

IDAHO CREEK PROPERTY
SILVERQUEST RESOURCES LTD.

SCALE 1:200

0 5 10m

N

GRANODIORITE (Kgd)
ALTERED GRANODIORITE (Kgd)
ALTERED, FRACTURED & MN-STAINED Kgd
RUSTY & WHITE GOUGE (NNW STRIKE / EAST DIP)
ALTERED, FRACTURED & MN-STAINED Kgd
GRANODIORITE (Kgd)

P23112: 1.3m CHIP - 125 ppb Au

RUSTY GOUGE WITH MN-STAINED Kmnr FRAGMENTS

P23109: 1.5m CHIP - 49 ppb Au

P23107: 2m CHIP - 385 ppb Au
P23105: 1m CHIP - 38 ppb Au
P23104: 1m CHIP - 57 ppb Au
P23103: 1m CHIP - 110 ppb Au

P23111: 1.8m CHIP - 46 ppb Au
P23110: 2.5m CHIP - 342 ppb Au

ANDESITE-DACITE (Kmnr) DYKE

ANDESITE (Kmnr) DYKE
GRANODIORITE (Kgd)
PYRITIC QZ PORPHYRY DYKE (Kmnr)
RUSTY, SILICIFIED, ALTERED GRANODIORITE (Kgd)

P23102: 3m CHIP - 391 ppb Au
P23106: 0.4m CHIP - 1260 ppb Au
P23101: 0.8m CHIP - 1240 ppb Au

80 m 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5

WATER-FILLED

RUSTY GOUGE WITH QZ FRAG.
MN-STAINED Kgd
GRANODIORITE (Kgd)
FELSITE (Kmnr) DYKE

WATER-FILLED

P23108: 1m CHIP - 17 ppb Au

GRANODIORITE (Kgd)
MN-STAINED Kgd WITH ZONES OF GOUGE
SULPHIDE-QZ VEIN
QZ-RICH GOUGE
MN-STAINED, ALTERED Kgd
RUSTY GOUGE
SHEARED, SCORODITE-STAINED GRANODIORITE
LIGHT GREEN GRITTY GOUGE

OVERBURDEN

WATER FILLED

22 22 62 82 130 179 99 136 97 113 50 84 106 96 28 78 36 42 65 72 71 78 87 85 67 64 72 76 74 82 85 70 74

P23100 P23101

● - SOIL SAMPLE FROM TRENCH FLOOR, RESULTS IN PPB Au

0.312 oz/ton Au, 43.31 oz/ton Ag and 3.6% Pb. A sample of less well mineralized material from the same vein on the southwest wall of Trench 1 assayed 0.08 oz/ton Au, 8.69 oz/ton Ag and 0.72% Pb over a 3 cm width. Channel samples across the full width of the structures containing the veins returned anomalous but subeconomic values of gold in the accompanying gouge and altered wallrock, the highest value being 0.038 oz/ton Au over 1.2 m.

Soil samples were taken at 1 m intervals from overburden at 2 m depth along the bottom of the eastern 30 m section of Trench 2. Results are remarkedly uniform, ranging from 22 ppb Au to 179 ppb Au. These are only weakly to moderately anomalous for the region and probably do not indicate the presence of economic mineralization in the area sampled.

The largest and strongest part of Anomaly A (about 600 m north of Trenches 1 and 2) was not tested by the 1986 trenching program. This area lies on a wet north-facing slope with thick organic soil and moss cover.

Anomaly B

Trenches 4, 4a and 5 were cut along the southern, uphill edge of Anomaly B. Ninety percent of Trenches 4 and 5 and the entire length of Trench 4a encountered heavy permafrost and were abandoned at a depth of 50 cm to 2 m in frozen organic soil. Bedrock was not exposed within the area of the anomaly itself.

Bedrock exposed in Trenches 4 and 5 consists of hornblende-biotite granodiorite (Kgd) cut by cogenetic widespread aplite-pegmatite dykes and occasional quartz-feldspar porphyry dykes (Kmnr). Thin, northeast and north-northeast trending gouge zones with manganese-rich selvages are common in the areas exposed to bedrock. A 1 m wide gouge and manganese-rich fracture zone

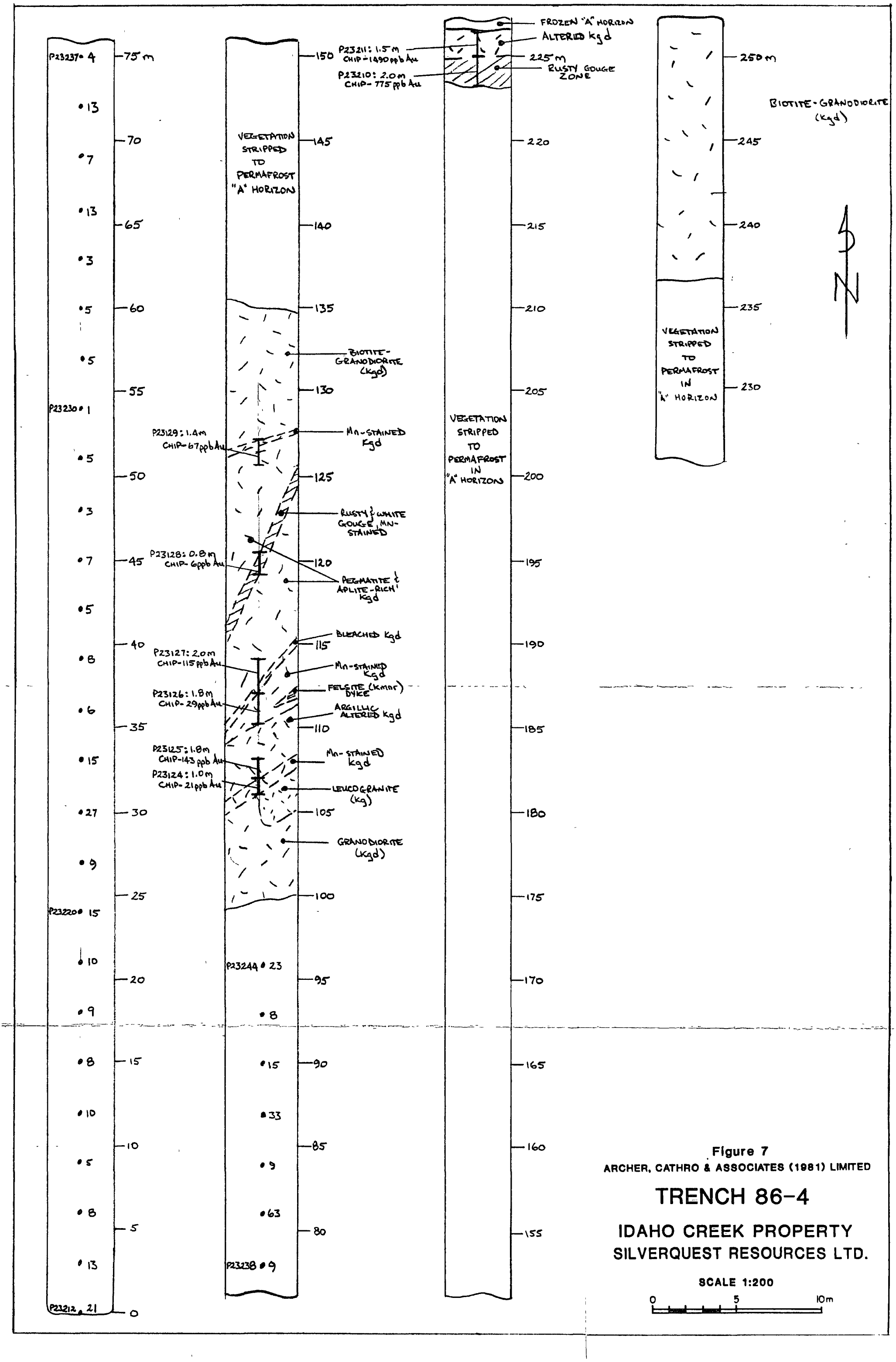


Figure 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 86-4

IDAHO CREEK PROPERTY

SILVERQUEST RESOURCES LTD.

SCALE 1:200

0 5 10m

260m
255
250
245
P23132: 1m chip 83 ppb Au
240
235
230
225
220
P23131: 1m chip - 448 ppb Au
215
210
205
200
VEGETATION STRIPPED TO "A" HORIZON
195
VEGETATION STRIPPED TO "A" HORIZON
5
0

P23076 • 74
435m
• 226
430
• 115
• 105
425
• 276
• 82
420
• 195
• 89
415
• 88
410
• 100
• 56
405
• 64
• 122
400
• 263
• 530
395
• 103
390
• 211
385
• 105
• 199
380
• 57
P23056 • 100
375
370
VEGETATION & ORGANIC SOIL STRIPPED TO "B" HORIZON 273m - 600m
270
265

P23453 • 478
515m
• 170
P23451 • 287
510
P23100 • 204
505
• 631
• 169
500
• 538
• 131
495
• 424
490
• 263
• 338
485
• 177
• 147
480
• 242
475
• 126
• 525
470
• 452
• 112
465
• 151
460
• 296
• 455
455
• 93
• 225
450
• 49
445
• 121
• 92
440
P23077 • 85

P23480 • 143
600m
• 100
• 130
590
• 100
• 99
• 176
• 2650
580
• 166
• 263
• 282
570
• 104
• 299
• 124
560
• 126
• 161
• 334
550
• 134
• 286
545
• 417
• 189
540
• 136
535
• 139
• 212
530
• 169
• 144
525
• 456
520
P23459 • 255

N

• SOIL SAMPLE FROM TRENCH FLOOR (PPB Au)

Figure 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 86-5

IDAHO CREEK PROPERTY

SILVERQUEST RESOURCES LTD.

SCALE 1:200

0 5 10m

was sampled at the north end of Trench 5. The entire interval returned a gold value of 113 ppb. Separate samples of gouge only and manganese-coated wallrock fragments only, returned values of 289 ppb Au and 24 ppb Au, respectively.

Trenches 4, 4a and 5 failed to reach bedrock over the main body of Anomaly B. Soil samples taken at 3 m intervals from the floor of a 234 m long stretch of Trench 5, 50 cm to 1 m below surface, returned values ranging from weakly anomalous (49 ppb Au) to highly anomalous (2650 ppb Au), averaging 242 ppb Au. Highest values in trench soils coincide with the main body of Anomaly B where soliflucted white to orange and red, clay-rich fault gouge or highly altered bedrock are common.

Anomaly C

Vegetation was stripped from Anomaly C in Trenches 6 and 7 in June. After thawing through July, soil samples were taken in August at 50 m intervals from hand pits at depths between 50 cm to 1 m below the "A" Horizon. In general, results from trench soil sampling were consistent with the 1985 soil geochemistry with values ranging from background (9 ppb Au) to highly anomalous (1640 ppb Au).

Anomaly D

Limited prospecting was carried out in the area of Anomaly D in 1986. The area is relatively low lying with heavy vegetation cover and no mineralization was found.

Figure 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

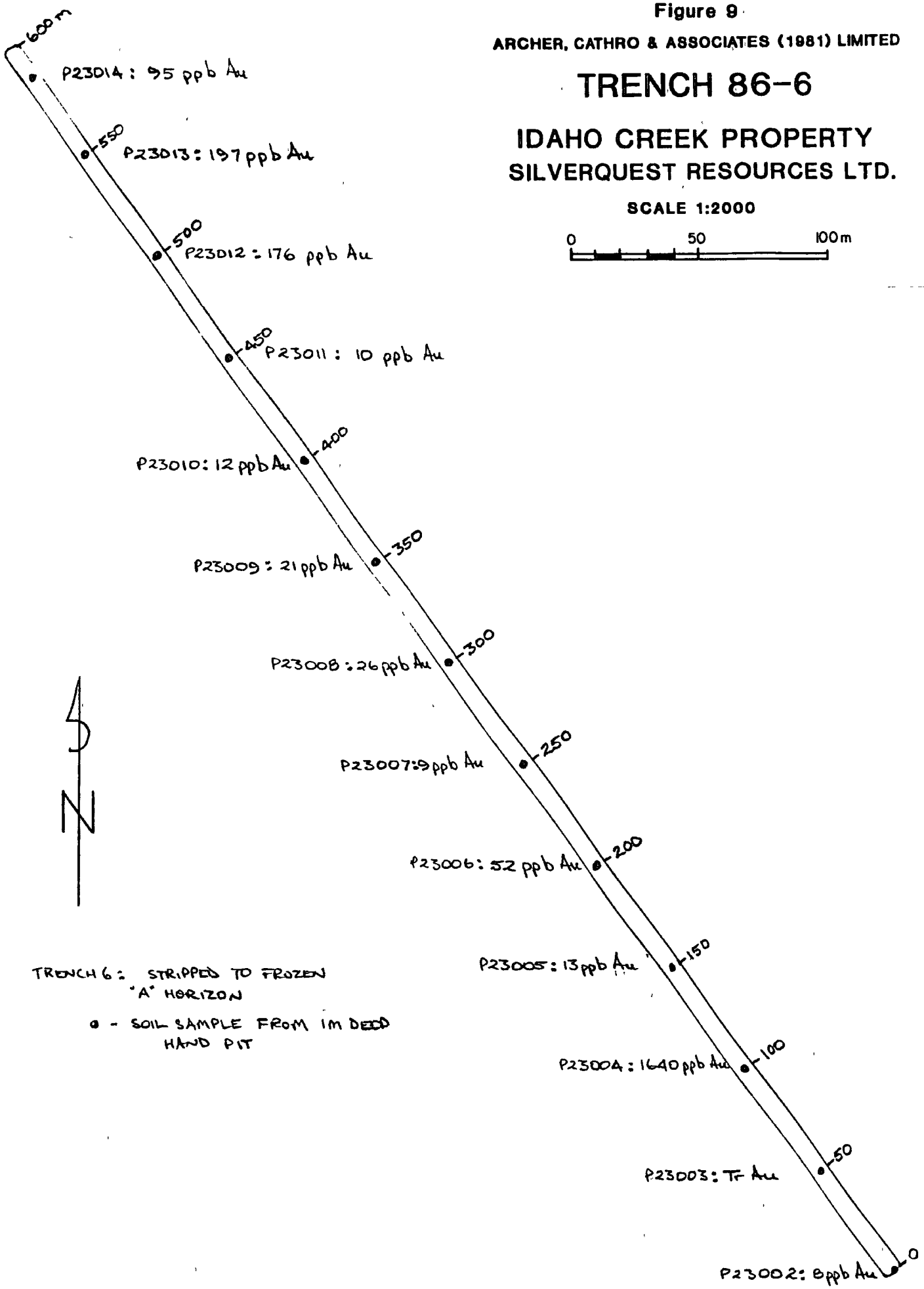
TRENCH 86-6

IDAHO CREEK PROPERTY

SILVERQUEST RESOURCES LTD.

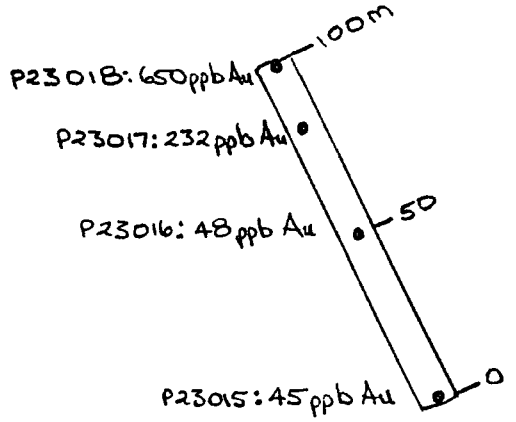
SCALE 1:2000

0 50 100m



TRENCH 6: STRIPPED TO FROZEN "A" HORIZON

o - SOIL SAMPLE FROM 1m DEEP HAND PIT



TRENCH 7: STRIPPED TO FROZEN "A" HORIZON
● - SOIL SAMPLE FROM 1M DEEP HAND PIT

Figure 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH 86-7

IDAHO CREEK PROPERTY

SILVERQUEST RESOURCES LTD.

SCALE 1:2000

0 50 100m

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with an M.Sc. majoring in Geological Sciences.
2. I am a member of the Geological Association of Canada.
3. From 1974 to the present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981 became a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Robert C. Carne, B.Sc., M.Sc.

APPENDIX II

CERTIFICATE OF ANALYSES

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone (604) 984-0221
Telex 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8613834-001-A
INVOICE # : I8613834
DATE : 26-JUN-86
P.O. # : NONE
SQ-IDAHO

Sample description	Prep code	Au NAA ppb					
P 23051	205	17	--	--	--	--	--
P 23052	205	51	--	--	--	--	--
P 23053	205	42	--	--	--	--	--
P 23054	205	294	--	--	--	--	--
P 23055	205	498	--	--	--	--	--

VOI rev 4/85

Certified by .....

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex 043-52597

field

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8614732-001-A
INVOICE # : I8614732
DATE : 21-JUL-86
P.O. # : NONE
DAH

Sample description	Prep code	Au NAA ppb					
P 23056	203	100	--	--	--	--	--
P 23057	203	57	--	--	--	--	--
P 23058	203	199	--	--	--	--	--
P 23059	203	105	--	--	--	--	--
P 23060	203	211	--	--	--	--	--
P 23061	203	103	--	--	--	--	--
P 23062	203	530	--	--	--	--	--
P 23063	203	263	--	--	--	--	--
P 23064	203	122	--	--	--	--	--
P 23065	203	64	--	--	--	--	--
P 23066	203	56	--	--	--	--	--
P 23067	203	100	--	--	--	--	--
23068	203	88	--	--	--	--	--
P 23069	203	89	--	--	--	--	--
P 23070	203	195	--	--	--	--	--
P 23071	203	82	--	--	--	--	--
P 23072	203	276	--	--	--	--	--
P 23073	203	105	--	--	--	--	--
P 23074	203	115	--	--	--	--	--
P 23075	203	226	--	--	--	--	--
P 23076	203	74	--	--	--	--	--
P 23077	203	85	--	--	--	--	--
P 23078	203	92	--	--	--	--	--
P 23079	203	121	--	--	--	--	--
P 23080	203	49	--	--	--	--	--
P 23081	203	225	--	--	--	--	--
P 23082	203	93	--	--	--	--	--
P 23083	203	455	--	--	--	--	--
P 23084	203	296	--	--	--	--	--
P 23085	203	151	--	--	--	--	--
P 23086	203	112	--	--	--	--	--
P 23087	203	452	--	--	--	--	--
P 23088	203	525	--	--	--	--	--
P 23089	203	126	--	--	--	--	--
P 23090	203	242	--	--	--	--	--
P 23091	203	147	--	--	--	--	--
P 23092	203	177	--	--	--	--	--
23093	203	338	--	--	--	--	--
23094	203	263	--	--	--	--	--
P 23095	203	424	--	--	--	--	--

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Certified by Hart Bichler

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8614732-002-A
INVOICE # : I8614732
DATE : 21-JUL-86
P.O. # : NONE
DAH

Sample description	Prep code	Au NAA ppb					
P 23096	203	131	--	--	--	--	--
P 23097	203	538	--	--	--	--	--
P 23098	203	169	--	--	--	--	--
P 23099	203	631	--	--	--	--	--
P 23100	203	204	--	--	--	--	--
P 23212	203	21	--	--	--	--	--
P 23213	203	13	--	--	--	--	--
P 23214	203	8	--	--	--	--	--
P 23215	203	5	--	--	--	--	--
P 23216	203	10	--	--	--	--	--
P 23217	203	8	--	--	--	--	--
P 23218	203	9	--	--	--	--	--
23219	203	10	--	--	--	--	--
23220	203	15	--	--	--	--	--
P 23221	203	9	--	--	--	--	--
P 23222	203	27	--	--	--	--	--
P 23223	203	15	--	--	--	--	--
P 23224	203	6	--	--	--	--	--
P 23225	203	8	--	--	--	--	--
P 23226	203	5	--	--	--	--	--
P 23227	203	7	--	--	--	--	--
P 23228	203	3	--	--	--	--	--
P 23229	203	5	--	--	--	--	--
P 23230	203	1	--	--	--	--	--
P 23231	203	5	--	--	--	--	--
P 23232	203	5	--	--	--	--	--
P 23233	203	3	--	--	--	--	--
P 23234	203	13	--	--	--	--	--
P 23235	203	7	--	--	--	--	--
P 23236	203	13	--	--	--	--	--
P 23237	203	4	--	--	--	--	--
P 23238	203	9	--	--	--	--	--
P 23239	203	63	--	--	--	--	--
P 23240	203	9	--	--	--	--	--
P 23241	203	33	--	--	--	--	--
P 23242	203	15	--	--	--	--	--
P 23243	203	8	--	--	--	--	--
23244	203	23	--	--	--	--	--
23251	203	62	--	--	--	--	--
P 23252	203	74	--	--	--	--	--

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TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8614732-003-A
INVOICE # : I8614732
DATE : 21-JUL-86
P.O. # : NONE
DAH

Sample description	Prep code	Au NAA ppb					
P 23253	203	70	--	--	--	--	--
P 23254	203	85	--	--	--	--	--
P 23255	203	82	--	--	--	--	--
P 23256	203	74	--	--	--	--	--
P 23257	203	76	--	--	--	--	--
P 23258	203	72	--	--	--	--	--
P 23259	203	64	--	--	--	--	--
P 23260	203	67	--	--	--	--	--
P 23261	203	85	--	--	--	--	--
P 23262	203	87	--	--	--	--	--
P 23263	203	78	--	--	--	--	--
P 23264	203	71	--	--	--	--	--
23265	203	72	--	--	--	--	--
23266	203	65	--	--	--	--	--
P 23267	203	42	--	--	--	--	--
P 23268	203	36	--	--	--	--	--
P 23269	203	78	--	--	--	--	--
P 23270	203	28	--	--	--	--	--
P 23271	203	96	--	--	--	--	--
P 23272	203	106	--	--	--	--	--
P 23273	203	86	--	--	--	--	--
P 23274	203	50	--	--	--	--	--
P 23275	203	113	--	--	--	--	--
P 23276	203	97	--	--	--	--	--
P 23277	203	136	--	--	--	--	--
P 23278	203	99	--	--	--	--	--
P 23279	203	179	--	--	--	--	--
P 23280	203	130	--	--	--	--	--
P 23281	203	82	--	--	--	--	--
P 23282	203	62	--	--	--	--	--
P 23283	203	22	--	--	--	--	--
P 23284	203	22	--	--	--	--	--
P 23451	203	287	--	--	--	--	--
P 23452	203	170	--	--	--	--	--
P 23453	203	478	--	--	--	--	--
P 23454	203	255	--	--	--	--	--
P 23455	203	456	--	--	--	--	--
23456	203	144	--	--	--	--	--
23457	203	169	--	--	--	--	--
P 23458	203	212	--	--	--	--	--

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Y1A 3S9

CERT. # : A8614732-004-A
INVOICE # : I8614732
DATE : 21-JUL-86
P.O. # : NONE
DAH

Sample description	Prep code	Au NAA ppb					
P 23459	203	139	--	--	--	--	--
P 23460	203	136	--	--	--	--	--
P 23461	203	189	--	--	--	--	--
P 23462	203	417	--	--	--	--	--
P 23463	203	286	--	--	--	--	--
P 23464	203	134	--	--	--	--	--
P 23465	203	334	--	--	--	--	--
P 23466	203	161	--	--	--	--	--
P 23467	203	126	--	--	--	--	--
P 23468	203	124	--	--	--	--	--
P 23469	203	299	--	--	--	--	--
P 23470	203	104	--	--	--	--	--
23471	203	282	--	--	--	--	--
23472	203	263	--	--	--	--	--
P 23473	203	166	--	--	--	--	--
P 23474	203	2650	--	--	--	--	--
P 23475	203	176	--	--	--	--	--
P 23476	203	99	--	--	--	--	--
P 23477	203	100	--	--	--	--	--
P 23478	203	130	--	--	--	--	--
P 23479	203	100	--	--	--	--	--
P 23480	203	143	--	--	--	--	--

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Y1A 3S9

CERT. # : A8614586-001-A
INVOICE # : I8614586
DATE : 22-JUL-86
P.O. # : NONE
DAH

Sample description	Prep code	Au NAA ppb					
P 23101	207	1240	--	--	--	--	--
P 23102	207	391	--	--	--	--	--
P 23103	207	10	--	--	--	--	--
P 23104	207	57	--	--	--	--	--
P 23105	207	38	--	--	--	--	--
P 23106	207	1260	--	--	--	--	--
P 23107	207	385	--	--	--	--	--
P 23108	207	17	--	--	--	--	--
P 23109	207	49	--	--	--	--	--
P 23110	207	342	--	--	--	--	--
P 23111	207	46	--	--	--	--	--
P 23112	207	125	--	--	--	--	--
23113	207	13	--	--	--	--	--
23114	207	75	--	--	--	--	--
P 23115	207	39	--	--	--	--	--
P 23116	207	106	--	--	--	--	--
P 23117	207	244	--	--	--	--	--
P 23118	207	16	--	--	--	--	--
P 23119	207	57	--	--	--	--	--
P 23120	207	615	--	--	--	--	--
P 23121	207	602	--	--	--	--	--
P 23122	207	1330	--	--	--	--	--
P 23123	207	809	--	--	--	--	--
P 23124	207	21	--	--	--	--	--
P 23125	207	143	--	--	--	--	--
P 23126	207	29	--	--	--	--	--
P 23127	207	115	--	--	--	--	--
P 23128	207	6	--	--	--	--	--
P 23129	207	67	--	--	--	--	--
P 23130	207	448	--	--	--	--	--
P 23131	207	85	--	--	--	--	--
P 23132	207	849	--	--	--	--	--
P 23133	207	113	--	--	--	--	--
P 23134	207	24	--	--	--	--	--
P 23135	207	48	--	--	--	--	--
P 23136	207	84	--	--	--	--	--
P 23137	207	18	--	--	--	--	--
23138	207	289	--	--	--	--	--
23139	207	120	--	--	--	--	--
23140	207	129	--	--	--	--	--

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WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8614586-002-A
INVOICE # : I8614586
DATE : 22-JUL-86
P.O. # : NONE
DAH

Sample description	Prep code	Au NAA ppb						
P 23154	207	2820	0.05	--	--	--	--	--
P 23155	207	2060	0.01	--	--	--	--	--
P 23156	207	9560	.277 oz/ton	--	--	--	--	--
P 23157	207	1730	0.05	--	--	--	--	--
P 23158	207	1110		--	--	--	--	--
P 23202	207	67		--	--	--	--	--
P 23203	207	40		--	--	--	--	--
P 23204	207	35		--	--	--	--	--
P 23205	207	32		--	--	--	--	--
P 23206	207	34		--	--	--	--	--
P 23207	207	7		--	--	--	--	--
P 23208	207	49		--	--	--	--	--
23209	207	76		--	--	--	--	--
23210	207	775		--	--	--	--	--
P 23211	207	1490		--	--	--	--	--

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TO : ARCHER CATHRO & ASSOC. (1981) LTD.
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WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8615754-001-A
INVOICE # : I8615754
DATE : 4-AUG-86
P.O. # : NONE
SQR

Sample description	Prep code	Ag FA oz/T					
P 26178	214	10.22	--	--	--	--	--

Anne Christie

Registered Assayer, Province of British Columbia

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North Vancouver, B.C
Canada V7J 2C1

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

CERT. # : A8618029-001-A
INVOICE # : I8618029
DATE : 23-SEP-86
P.O. # : NONE
DAH (SQR)

Field

Sample description	Prep code	Pb %	Ag FA oz/T	Au FA oz/T			
P 23154	214	0.72	8.69	--	--	--	--
P 23156	214	3.26	43.31	0.312	--	--	--

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Telex: 043-52597

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TO : ARCHER CATHRO & ASSOC. (1981) LTD.
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WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8615756-001-A
INVOICE # : I8615756
DATE : 13-AUG-86
P.O. # : NONE
DAH

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23101	0.69	12.6	900	1290	<0.5	<2	0.21	29.0	8	5	20	3.69	<10	0.43	20	0.04	9211	2	<0.01	7	380	2232	420	24	<0.01	<10	<10	9	<10	1798	--	--
P 23102	0.63	5.0	440	610	<0.5	<2	0.15	11.5	5	9	17	2.46	<10	0.37	<10	0.04	9032	3	<0.01	6	380	516	30	20	<0.01	<10	10	8	<10	888	--	--
P 23103	0.97	0.2	40	230	<0.5	<2	1.80	0.5	9	11	12	2.52	10	0.42	20	0.19	4381	3	0.01	6	420	34	<10	25	<0.01	<10	10	29	190	468	--	--
P 23104	1.00	7.0	1600	600	<0.5	<2	0.16	8.5	7	9	16	3.61	<10	0.46	20	0.11	7479	1	0.01	7	450	730	70	17	<0.01	<10	<10	20	<10	1044	--	--
P 23105	1.06	2.4	1060	280	<0.5	<2	0.25	6.0	10	11	19	3.25	<10	0.43	20	0.31	8694	2	0.02	8	450	256	30	17	0.02	<10	<10	42	<10	982	--	--
P 23106	0.63	3.4	660	140	<0.5	<2	0.18	51.5	8	5	14	2.37	<10	0.40	10	0.07	>9999	3	<0.01	9	300	534	50	18	<0.01	<10	30	10	<10	2504	--	--
P 23107	0.78	2.6	560	490	<0.5	<2	0.25	9.5	6	9	12	2.48	<10	0.37	20	0.08	6204	1	<0.01	6	400	340	40	20	<0.01	<10	10	14	<10	1038	--	--
P 23108	0.89	0.6	30	180	<0.5	4	1.66	<0.5	7	13	18	2.35	10	0.36	20	0.16	746	<1	0.01	6	500	42	<10	31	<0.01	<10	10	15	<10	62	--	--
P 23109	0.80	2.8	270	460	<0.5	<2	0.18	2.5	6	8	16	2.62	<10	0.39	20	0.06	5929	1	<0.01	6	340	388	10	19	<0.01	<10	<10	8	<10	536	--	--
P 23110	0.81	7.6	610	610	<0.5	<2	0.23	8.0	9	15	29	3.24	<10	0.32	20	0.07	>9999	2	<0.01	9	600	176	20	28	<0.01	<10	10	24	<10	876	--	--
P 23111	0.96	0.8	2010	270	<0.5	<2	1.56	<0.5	13	46	28	3.40	10	0.33	20	0.25	1648	<1	0.01	14	730	84	20	15	<0.01	<10	<10	49	<10	158	--	--
P 23112	1.24	54.0	3010	190	<0.5	<2	0.32	34.5	9	26	27	3.72	<10	0.46	20	0.24	5269	1	0.02	16	710	1042	50	30	<0.01	<10	<10	38	<10	2330	--	--
P 23113	0.81	1.4	100	250	<0.5	<2	0.25	6.0	6	9	13	2.21	<10	0.38	10	0.08	1894	1	0.02	5	410	50	10	10	<0.01	<10	<10	20	<10	1132	--	--
P 23114	0.85	4.4	530	320	<0.5	<2	0.28	32.0	9	6	25	2.52	<10	0.48	20	0.05	8259	2	<0.01	6	450	380	40	18	<0.01	<10	<10	12	<10	2044	--	--
P 23115	0.67	0.8	90	130	<0.5	<2	1.14	1.0	7	10	10	2.18	10	0.33	10	0.10	2365	<1	<0.01	4	350	60	10	9	<0.01	<10	10	12	<10	260	--	--
P 23116	0.68	14.4	450	270	<0.5	<2	0.96	0.5	8	8	24	3.31	<10	0.33	20	0.24	>9999	1	<0.01	8	420	648	190	23	<0.01	<10	10	16	<10	400	--	--
P 23117	0.55	164.0	1110	1100	<0.5	<2	0.31	51.0	8	5	99	2.79	<10	0.33	10	0.05	>9999	3	<0.01	8	410	5950	570	23	<0.01	<10	<10	11	<10	4056	--	--
P 23118	0.69	3.2	110	100	<0.5	<2	2.12	1.5	8	11	15	2.52	10	0.39	20	0.17	3578	<1	<0.01	5	390	162	20	25	<0.01	<10	10	10	<10	440	--	--
P 23119	0.71	2.6	610	120	<0.5	<2	0.50	2.5	7	7	14	2.31	<10	0.44	10	0.07	582	1	<0.01	5	330	180	20	19	<0.01	<10	<10	9	<10	434	--	--
P 23120	0.45	3.8	950	90	<0.5	<2	0.25	12.0	14	<1	15	3.40	<10	0.32	20	0.05	>9999	3	<0.01	14	490	346	30	55	<0.01	<10	20	14	<10	1354	--	--
P 23121	0.66	2.2	470	90	<0.5	<2	0.13	<0.5	1	4	6	2.38	<10	0.41	10	0.04	2020	1	<0.01	4	390	118	10	18	<0.01	<10	<10	9	<10	232	--	--
P 23122	0.69	33.0	810	520	<0.5	<2	0.16	3.5	7	4	18	3.03	<10	0.43	20	0.05	>9999	2	<0.01	7	430	400	40	16	<0.01	<10	<10	14	<10	600	--	--
P 23123	0.70	4.4	580	130	<0.5	<2	0.13	1.5	8	4	15	3.49	<10	0.44	20	0.04	>9999	1	<0.01	7	490	144	10	23	<0.01	<10	<10	13	<10	454	--	--
P 23124	0.69	0.4	20	130	<0.5	<2	0.17	<0.5	3	5	7	1.21	<10	0.22	10	0.11	550	5	<0.01	4	220	22	<10	7	<0.01	<10	<10	11	<10	44	--	--
P 23125	0.41	4.0	580	1020	<0.5	<2	0.27	2.0	5	6	20	3.55	<10	0.21	20	0.07	8576	10	<0.01	9	160	166	10	41	<0.01	<10	<10	6	<10	294	--	--
P 23126	0.54	1.4	120	130	<0.5	<2	0.10	1.0	3	5	7	1.59	<10	0.24	30	0.03	2088	2	<0.01	4	190	40	<10	19	<0.01	<10	<10	6	<10	202	--	--
P 23127	0.58	2.6	550	210	<0.5	<2	0.13	18.5	5	7	16	2.59	<10	0.30	30	0.04	>9999	9	<0.01	8	230	250	10	40	<0.01	<10	<10	5	<10	1410	--	--
P 23128	1.75	0.2	20	130	<0.5	<2	0.19	<0.5	3	2	13	1.66	<10	0.23	20	0.30	673	1	<0.01	4	190	22	<10	11	0.03	<10	<10	17	<10	66	--	--
P 23129	0.71	1.4	180	350	<0.5	<2	0.36	1.5	4	6	10	1.78	<10	0.27	30	0.08	5599	8	<0.01	6	270	90	<10	29	<0.01	<10	<10	8	<10	226	--	--
P 23130	0.83	18.0	820	230	<0.5	<2	0.11	19.0	1	5	18	2.35	<10	0.29	20	0.05	1460	1	<0.01	3	190	756	10	78	<0.01	<10	<10	4	<10	740	--	--
P 23131	0.52	6.2	350	90	<0.5	<2	0.08	2.0	<1	5	9	1.43	<10	0.26	20	0.05	271	11	<0.01	3	110	460	<10	42	<0.01	<10	<10	3	<10	250	--	--
P 23132	0.64	28.0	1180	1240	<0.5	<2	0.05	36.0	1	12	115	2.79	<10	0.35	10	0.03	688	7	<0.01	7	210	2010	30	31	<0.01	<10	<10	11	<10	814	--	--
P 23133	0.78	4.4	390	260	<0.5	<2	0.18	15.0	14	12	20	3.69	<10	0.34	30	0.08	7920	3	<0.01	18	840	152	10	29	<0.01	<10	<10	21	<10	1714	--	--
P 23134	0.74	2.4	110	230	<0.5	<2	0.23	21.5	14	15	16	3.44	<10	0.39	30	0.05	9692	3	<0.01	21	940	52	10	30	<0.01	<10	<10	29	<10	2734	--	--
P 23135	2.73	2.8	110	680	<0.5	<2	1.85	15.0	20	91	40	4.32	10	0.34	20	1.11	1726	<1	0.26	49	1780	404	10	167	0.19	<10	<10	112	<10	1022	--	--
P 23136	1.61	1.4	50	400	<0.5	<2	0.97	2.0	11	32	16	2.70	<10	0.32	20	0.72	818	<1	0.14	21	870	78	<10	75	0.14	<10	<10	61	<10	232	--	--
P 23137	0.84	0.8	200	240	<0.5	<2	0.15	6.5	4	9	30	2.06	<10	0.33	30	0.16	1128	1	0.04	6	290	164	<10	11	0.01	<10	<10	18	<10	890	--	--
P 23138	0.84	9.6	670	160	<0.5	<2	0.12	1.5	5	5	15	4.42	<10	0.91	20	0.06	2817	1	<0.01	7	720	854	<10	35	<0.01	<10	<10	10	<10	764	--	--
P 23139	1.06	5.0	1820	310	<0.5	<2	0.15	7.5	11	10	68	3.89	<10	0.30	20	0.08	1196	<1	0.01	7	520	74	<10	36	<0.01	<10	<10	29	<10	390	--	--
P 23140	1.22	1.6	1320	300	<0.5	<2	0.09	0.5	9	12	74	4.51	<10	0.38	10	0.12	527	<1	0.03	8	460	46	<10	79	<0.01	<10	<10	35	<10	154	--	--

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Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

•Analytical Chemists •Geochemists •Registered Assayers

Telephone:(604) 984-0221
Telex: 043-52597

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8615756-002-A
INVOICE # : I8615756
DATE : 13-AUG-86
P.O. # : NONE
DAH

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23154	0.19	<200.0	2620	300	<0.5	<2	0.38	54.5	21	<1	165	2.59	<10	0.08	10	0.13	>9999	11	<0.01	29	270	6112	2140	18	<0.01	<10	140	23	40	5794	--	--
P 23155	0.59	34.0	8910	590	<0.5	<2	0.12	22.5	3	9	73	2.72	<10	0.31	10	0.16	1668	16	<0.01	18	240	792	90	39	<0.01	<10	<10	7	<10	1066	--	--
P 23156	0.37	<200.0	>9999	50	<0.5	2	0.03	>99.9	6	8	684	4.72	<10	0.23	<10	0.02	3456	17	<0.01	8	230	>9999	7050	13	<0.01	<10	<10	2	20	>9999	--	--
P 23157	0.33	48.0	3760	60	<0.5	<2	0.24	35.5	4	10	43	5.22	<10	0.17	<10	0.07	3972	4	<0.01	7	150	1692	220	9	<0.01	<10	<10	2	<10	2796	--	--
P 23158	0.45	78.0	1130	540	<0.5	<2	0.02	33.0	1	4	65	2.84	<10	0.27	<10	0.02	2244	28	<0.01	5	170	1592	130	9	<0.01	<10	<10	5	<10	2992	--	--
P 23202	0.77	5.6	120	160	<0.5	<2	0.11	2.0	7	6	6	2.73	<10	0.21	20	0.06	887	1	0.03	5	640	176	20	8	<0.01	<10	<10	30	<10	280	--	--
P 23203	1.14	2.2	190	270	<0.5	<2	1.00	<0.5	6	12	8	3.19	10	0.29	20	0.43	691	1	0.05	8	690	66	<10	66	<0.01	<10	<10	25	<10	104	--	--
P 23204	1.39	0.6	80	130	<0.5	<2	0.19	<0.5	5	18	6	2.80	<10	0.22	10	0.55	537	1	0.03	13	630	36	<10	11	<0.01	<10	<10	28	<10	106	--	--
P 23205	1.12	2.0	100	150	<0.5	<2	0.16	<0.5	6	14	9	2.77	<10	0.20	10	0.45	608	1	0.03	10	620	56	<10	10	<0.01	<10	<10	28	<10	110	--	--
P 23206	0.55	1.4	30	670	<0.5	8	0.30	1.0	3	3	4	3.22	<10	0.26	20	0.04	358	1	0.01	5	510	30	<10	24	<0.01	<10	<10	5	<10	110	--	--
P 23207	0.42	1.0	20	260	<0.5	<2	0.20	1.5	3	2	4	2.29	<10	0.19	20	0.02	803	1	0.01	5	590	34	<10	21	<0.01	<10	<10	4	<10	194	--	--
P 23208	0.69	16.0	1310	180	<0.5	<2	0.68	4.5	8	5	30	3.13	<10	0.25	10	0.12	6637	1	0.01	6	380	480	60	25	<0.01	<10	<10	20	<10	654	--	--
P 23209	0.53	26.0	460	160	<0.5	<2	0.44	21.5	12	12	26	3.30	<10	0.31	10	0.08	>9999	4	<0.01	9	530	1688	100	46	<0.01	<10	<10	20	<10	2186	--	--
P 23210	0.61	13.6	1010	100	<0.5	<2	0.17	15.5	3	6	40	3.39	<10	0.30	10	0.10	3265	3	0.01	7	230	930	10	33	<0.01	<10	<10	10	<10	608	--	--
P 23211	0.74	126.0	2600	160	<0.5	<2	0.24	>99.9	13	11	115	7.12	<10	0.40	10	0.11	>9999	9	0.01	19	400	4508	90	95	<0.01	<10	20	16	10	4064	--	--

Certified by .HartBichler.....

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Y1A 3S9

CERT. # : A8615758-001-A
INVOICE # : I8615758
DATE : 14-AUG-86
P.O. # : NONE
SQ-IDAHO DAH

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23056	1.37	2.6	380	220	<0.5	2	0.39	11.0	9	111	33	3.04	<10	0.19	30	0.37	950	1	0.02	18	620	684	<10	26	0.08	<10	<10	50	<10	940	--	--
P 23057	2.02	2.6	150	300	<0.5	2	0.68	9.5	13	199	52	3.23	10	0.22	30	0.63	721	1	0.05	27	740	398	<10	42	0.13	<10	<10	68	<10	838	--	--
P 23058	1.88	3.2	180	300	<0.5	<2	0.60	15.0	13	113	49	3.13	10	0.20	30	0.57	1049	1	0.04	27	720	502	<10	37	0.12	<10	<10	64	<10	884	--	--
P 23059	1.99	5.4	240	330	<0.5	<2	0.55	15.0	12	200	51	3.32	10	0.21	30	0.52	731	1	0.03	24	770	628	<10	35	0.10	<10	<10	62	<10	1114	--	--
P 23060	1.96	4.8	330	290	<0.5	2	0.51	14.0	11	123	47	3.49	10	0.23	40	0.49	885	1	0.03	23	810	722	10	33	0.10	<10	<10	63	<10	1174	--	--
P 23061	2.04	4.2	140	300	<0.5	2	0.50	10.5	11	122	51	3.49	10	0.20	30	0.54	622	1	0.03	23	640	646	<10	31	0.10	<10	<10	66	<10	982	--	--
P 23062	2.48	7.2	380	300	<0.5	<2	0.43	14.0	11	107	49	4.13	10	0.21	40	0.52	636	1	0.02	24	750	624	<10	28	0.08	<10	<10	64	<10	1092	--	--
P 23063	2.00	5.0	320	290	<0.5	2	0.45	17.5	13	147	42	3.85	10	0.20	30	0.46	1289	1	0.02	22	710	646	10	28	0.08	<10	<10	58	<10	1052	--	--
P 23064	2.16	6.8	250	260	<0.5	<2	0.41	7.0	8	104	36	2.87	10	0.21	30	0.43	430	1	0.02	20	680	586	<10	24	0.07	<10	<10	59	<10	804	--	--
P 23065	1.76	3.4	120	300	<0.5	<2	0.38	9.5	10	175	28	3.35	<10	0.15	30	0.44	449	1	0.02	17	730	468	<10	22	0.07	<10	<10	57	<10	738	--	--
P 23066	1.64	3.0	290	190	<0.5	<2	0.30	4.0	6	99	19	2.82	<10	0.15	30	0.36	213	1	0.01	13	640	402	<10	16	0.05	<10	<10	48	<10	526	--	--
P 23067	1.95	4.4	250	330	<0.5	<2	0.49	12.5	11	175	38	3.61	<10	0.17	30	0.52	832	1	0.03	22	800	604	<10	29	0.08	<10	<10	63	<10	954	--	--
P 23068	1.88	5.0	180	260	<0.5	<2	0.37	8.5	10	91	29	2.91	<10	0.15	30	0.40	513	<1	0.01	16	800	544	<10	20	0.05	<10	<10	54	<10	726	--	--
P 23069	1.73	4.4	220	320	<0.5	<2	0.45	12.0	11	163	36	3.45	<10	0.15	30	0.48	792	1	0.02	21	770	576	<10	26	0.06	<10	<10	55	<10	846	--	--
P 23070	1.53	4.4	190	270	<0.5	<2	0.44	11.0	11	85	35	3.28	<10	0.15	20	0.50	704	1	0.02	22	800	560	<10	26	0.07	<10	<10	54	<10	818	--	--
P 23071	1.66	4.4	270	320	<0.5	<2	0.43	13.5	12	175	35	3.61	<10	0.14	30	0.44	1212	1	0.02	19	840	566	<10	25	0.05	<10	<10	54	<10	790	--	--
P 23072	1.69	4.6	240	340	<0.5	<2	0.43	13.5	11	71	39	3.56	<10	0.15	30	0.50	850	1	0.02	21	790	634	<10	25	0.06	<10	<10	58	<10	912	--	--
P 23073	1.72	4.2	220	310	<0.5	<2	0.47	12.5	12	194	36	3.45	10	0.18	30	0.47	707	1	0.02	21	870	626	<10	26	0.07	<10	<10	57	<10	806	--	--
P 23074	1.91	5.2	250	340	<0.5	<2	0.51	14.5	13	104	40	3.73	10	0.18	30	0.51	870	2	0.02	24	910	710	<10	28	0.08	<10	10	63	<10	960	--	--
P 23075	1.79	5.2	240	310	<0.5	<2	0.52	14.5	12	153	36	3.56	10	0.20	30	0.49	781	2	0.03	23	870	652	<10	30	0.08	<10	10	62	<10	914	--	--
P 23076	1.84	3.2	220	320	<0.5	<2	0.51	11.0	12	84	34	3.97	10	0.16	30	0.51	673	2	0.02	21	860	560	<10	27	0.08	<10	<10	65	<10	818	--	--
P 23077	1.86	5.4	160	370	<0.5	<2	0.59	9.0	11	158	33	3.61	<10	0.16	30	0.40	480	1	0.02	19	1170	540	<10	34	0.07	<10	<10	64	<10	624	--	--
P 23078	1.74	4.6	210	310	<0.5	<2	0.47	12.0	11	95	34	3.43	<10	0.17	30	0.47	747	1	0.02	21	830	604	<10	26	0.07	<10	<10	59	<10	810	--	--
P 23079	1.57	4.6	140	300	<0.5	<2	0.47	9.5	11	145	25	2.99	<10	0.14	20	0.43	577	1	0.02	19	900	500	<10	27	0.07	<10	<10	54	<10	600	--	--
P 23080	1.63	4.6	70	270	<0.5	<2	0.52	5.5	10	115	18	2.99	<10	0.14	20	0.46	587	1	0.02	18	1010	350	<10	27	0.09	<10	<10	57	<10	508	--	--
P 23081	0.95	16.0	310	150	<0.5	<2	0.32	6.5	8	114	32	2.83	<10	0.16	20	0.33	832	<1	0.02	14	660	1432	10	26	0.04	<10	<10	36	<10	784	--	--
P 23082	1.20	6.0	90	200	<0.5	<2	0.31	8.5	8	70	23	2.22	<10	0.09	20	0.37	569	<1	0.01	14	720	438	<10	17	0.04	<10	<10	40	<10	664	--	--
P 23083	1.30	11.0	350	220	<0.5	<2	0.39	10.0	9	147	40	3.12	<10	0.15	20	0.40	653	1	0.02	18	790	1450	10	26	0.04	<10	<10	45	<10	862	--	--
P 23084	1.00	5.4	280	140	<0.5	2	0.26	3.0	6	81	19	2.83	<10	0.14	20	0.27	291	<1	0.01	10	610	726	<10	15	0.03	<10	<10	34	<10	644	--	--
P 23085	1.07	5.6	280	120	<0.5	<2	0.27	2.5	5	131	21	2.63	<10	0.14	20	0.30	220	<1	0.01	11	560	742	<10	15	0.04	<10	<10	35	<10	544	--	--
P 23086	1.19	4.4	150	120	<0.5	<2	0.31	1.5	6	86	17	2.42	<10	0.14	20	0.38	213	<1	0.01	12	540	566	<10	17	0.06	<10	<10	38	<10	550	--	--
P 23087	1.11	6.0	490	160	<0.5	<2	0.31	3.0	11	123	31	3.19	<10	0.18	20	0.32	1415	1	0.01	12	680	1404	10	22	0.05	<10	<10	41	<10	798	--	--
P 23088	0.84	6.6	420	150	<0.5	<2	0.23	3.0	6	78	28	2.65	<10	0.18	20	0.23	926	<1	0.01	8	510	1072	10	18	0.04	<10	<10	32	<10	688	--	--
P 23089	1.19	4.4	300	160	<0.5	2	0.37	5.5	7	136	24	2.86	<10	0.16	20	0.38	824	<1	0.02	15	630	732	<10	23	0.07	<10	<10	47	<10	704	--	--
P 23090	1.18	4.6	260	170	<0.5	2	0.38	10.0	9	83	27	2.86	<10	0.15	20	0.41	1063	1	0.02	17	640	776	<10	23	0.07	<10	<10	45	<10	960	--	--
P 23091	1.27	5.6	240	190	<0.5	2	0.37	10.0	9	148	27	2.90	<10	0.14	20	0.41	749	1	0.02	17	660	754	<10	23	0.06	<10	<10	45	<10	962	--	--
P 23092	1.12	5.6	340	150	<0.5	2	0.35	11.5	9	73	28	3.00	<10	0.14	20	0.39	812	1	0.01	16	630	1116	<10	21	0.05	<10	<10	42	<10	1168	--	--
P 23093	1.13	12.2	660	140	<0.5	<2	0.41	20.5	9	152	37	3.89	<10	0.17	20	0.38	906	1	0.02	17	710	1970	10	24	0.05	<10	<10	42	<10	1664	--	--
P 23094	1.14	7.2	470	190	<0.5	<2	0.42	23.0	9	66	33	3.55	<10	0.16	30	0.36	1037	1	0.02	15	690	1152	<10	25	0.05	<10	<10	42	<10	1646	--	--
P 23095	1.19	7.6	460	180	<0.5	<2	0.42	18.0	11	125	35	3.75	<10	0.17	30	0.39	1494	1	0.02	17	750	1390	<10	25	0.06	<10	<10	47	<10	1712	--	--

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COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23096	1.43	6.4	330	230	<0.5	<2	0.41	14.0	11	94	31	3.36	<10	0.20	30	0.40	1195	1	0.02	29	720	944	<10	25	0.06	<10	<10	48	<10	1158	--	--
P 23097	1.19	8.0	440	180	<0.5	<2	0.37	12.5	10	58	32	3.61	<10	0.15	20	0.38	1120	1	0.02	18	700	1406	<10	23	0.06	<10	<10	44	<10	1480	--	--
P 23098	1.33	6.6	360	210	<0.5	<2	0.38	12.5	10	59	29	3.20	<10	0.18	20	0.39	1240	1	0.02	16	670	1032	<10	24	0.06	<10	<10	46	<10	1116	--	--
P 23099	1.42	6.2	390	220	<0.5	2	0.38	12.0	10	67	29	3.48	<10	0.20	30	0.42	1302	1	0.02	17	700	1062	<10	24	0.06	<10	<10	49	<10	1176	--	--
P 23100	1.82	11.2	380	280	<0.5	<2	0.47	12.5	12	54	37	3.96	<10	0.20	30	0.50	932	1	0.02	20	890	1190	10	30	0.07	<10	<10	55	<10	1426	--	--
P 23212	2.01	1.2	30	320	<0.5	2	0.67	<0.5	13	66	21	3.25	<10	0.11	20	0.63	664	1	0.03	27	920	34	<10	39	0.13	<10	<10	76	<10	86	--	--
P 23213	1.84	0.8	30	290	<0.5	2	0.68	<0.5	12	72	25	3.06	10	0.15	20	0.63	652	1	0.05	26	850	26	<10	39	0.14	<10	<10	72	<10	80	--	--
P 23214	1.93	0.8	20	340	<0.5	<2	0.72	<0.5	11	57	23	3.04	<10	0.08	20	0.56	984	1	0.03	25	890	14	<10	45	0.11	<10	<10	68	<10	64	--	--
P 23215	1.79	0.8	30	280	<0.5	2	0.66	<0.5	13	56	21	3.00	<10	0.11	20	0.63	762	1	0.04	24	890	18	<10	35	0.13	<10	<10	69	<10	70	--	--
P 23216	1.98	0.6	40	390	<0.5	2	0.74	<0.5	15	70	27	3.63	<10	0.12	30	0.62	1554	1	0.04	27	940	22	<10	42	0.12	<10	<10	72	<10	80	--	--
P 23217	1.80	0.4	30	340	<0.5	<2	0.59	<0.5	12	47	25	3.08	<10	0.10	20	0.59	814	<1	0.03	25	820	24	<10	32	0.11	<10	<10	63	<10	76	--	--
P 23218	2.01	0.8	40	330	<0.5	2	0.72	<0.5	12	67	26	3.41	10	0.15	30	0.71	913	<1	0.05	27	820	26	<10	42	0.14	<10	<10	74	<10	96	--	--
P 23219	2.30	1.0	30	410	<0.5	<2	0.84	<0.5	15	56	32	3.44	10	0.12	30	0.73	1024	1	0.04	28	900	22	<10	44	0.14	<10	<10	77	<10	82	--	--
P 23220	1.86	0.8	60	350	<0.5	2	0.76	<0.5	13	63	29	3.37	10	0.16	30	0.62	1005	1	0.05	25	890	42	<10	42	0.12	<10	<10	70	<10	114	--	--
P 23221	2.10	0.4	30	390	<0.5	<2	0.78	<0.5	13	60	25	3.45	10	0.15	20	0.70	822	1	0.05	25	970	20	<10	45	0.13	<10	<10	76	<10	76	--	--
P 23222	2.17	1.2	40	870	<0.5	<2	0.73	<0.5	14	62	33	3.68	10	0.18	30	0.57	1138	1	0.04	24	810	56	<10	42	0.08	<10	<10	68	<10	130	--	--
P 23223	2.09	0.8	30	540	<0.5	2	0.70	<0.5	14	57	29	3.72	10	0.16	30	0.67	1046	1	0.04	26	840	40	<10	38	0.12	<10	<10	74	<10	110	--	--
P 23224	2.26	0.2	30	420	<0.5	<2	0.71	<0.5	14	64	28	3.80	10	0.15	30	0.72	857	1	0.05	27	900	22	<10	42	0.13	<10	<10	81	<10	86	--	--
P 23225	1.95	0.4	30	410	<0.5	<2	0.69	<0.5	14	50	30	3.64	10	0.14	30	0.68	1030	1	0.04	26	900	24	<10	40	0.11	<10	<10	74	<10	84	--	--
P 23226	1.91	0.4	20	490	<0.5	<2	0.73	<0.5	14	53	29	3.62	<10	0.12	30	0.72	843	<1	0.05	27	910	16	<10	42	0.13	<10	<10	74	<10	74	--	--
P 23227	2.20	0.4	20	400	<0.5	<2	0.72	<0.5	13	54	31	3.59	10	0.12	30	0.72	783	1	0.04	26	820	18	<10	38	0.12	<10	<10	75	<10	76	--	--
P 23228	2.25	0.2	20	340	<0.5	<2	0.69	<0.5	14	52	26	3.65	<10	0.10	20	0.82	815	<1	0.05	29	860	12	<10	39	0.14	<10	<10	80	<10	68	--	--
P 23229	1.72	0.2	20	410	<0.5	<2	0.58	<0.5	14	44	28	3.68	<10	0.15	20	0.59	1233	1	0.04	21	850	16	<10	32	0.08	<10	<10	64	<10	68	--	--
P 23230	2.13	0.2	20	300	<0.5	<2	0.51	<0.5	13	47	24	3.45	<10	0.07	20	0.66	680	<1	0.03	25	710	12	<10	33	0.12	<10	<10	76	<10	58	--	--
P 23231	2.21	0.2	20	410	<0.5	<2	0.68	<0.5	14	54	27	3.55	10	0.09	20	0.83	825	<1	0.05	28	770	12	<10	40	0.14	<10	<10	79	<10	60	--	--
P 23232	2.19	0.2	10	280	<0.5	<2	0.55	<0.5	14	49	23	3.43	<10	0.07	20	0.70	727	<1	0.03	27	790	12	<10	34	0.13	<10	<10	77	<10	56	--	--
P 23233	2.43	0.2	20	400	<0.5	<2	0.70	<0.5	16	53	27	3.85	10	0.09	20	0.82	820	<1	0.04	30	890	14	<10	41	0.15	<10	<10	86	<10	64	--	--
P 23234	2.26	0.2	20	460	<0.5	<2	0.65	<0.5	15	57	27	3.66	10	0.10	20	0.80	902	<1	0.04	30	830	14	<10	39	0.13	<10	<10	77	<10	62	--	--
P 23235	2.12	0.4	20	430	<0.5	<2	0.71	<0.5	15	53	25	3.68	10	0.10	20	0.84	898	<1	0.05	28	810	26	<10	42	0.15	<10	<10	81	<10	88	--	--
P 23236	1.98	0.4	30	430	<0.5	<2	0.68	<0.5	17	57	26	4.03	10	0.15	20	0.68	1465	1	0.04	31	1140	32	<10	37	0.10	<10	<10	80	<10	94	--	--
P 23237	2.42	0.2	30	340	<0.5	2	0.57	<0.5	16	58	27	3.73	10	0.13	20	0.85	881	<1	0.04	32	760	18	<10	40	0.14	<10	<10	85	<10	68	--	--
P 23238	2.11	0.2	30	430	<0.5	2	0.64	<0.5	16	60	29	3.57	10	0.13	20	0.85	1050	<1	0.04	30	780	22	<10	41	0.13	<10	<10	80	<10	70	--	--
P 23239	2.28	0.6	90	340	<0.5	<2	0.49	<0.5	16	57	27	3.82	10	0.14	20	0.67	1810	1	0.03	30	800	56	<10	33	0.10	<10	<10	74	<10	114	--	--
P 23240	1.98	0.2	60	260	<0.5	<2	0.43	<0.5	12	52	20	3.59	10	0.09	10	0.49	886	1	0.02	22	680	26	<10	30	0.10	<10	<10	76	<10	76	--	--
P 23241	2.16	1.4	110	390	<0.5	<2	0.49	0.5	13	54	24	3.69	<10	0.17	30	0.67	1767	3	0.03	24	710	122	<10	36	0.10	<10	<10	70	<10	172	--	--
P 23242	2.41	0.4	80	360	<0.5	<2	0.43	<0.5	14	55	31	3.71	10	0.10	30	0.71	1249	1	0.02	27	640	38	<10	34	0.12	<10	<10	78	<10	104	--	--
P 23243	2.42	0.2	30	330	<0.5	2	0.42	<0.5	13	51	25	3.63	10	0.08	20	0.78	690	<1	0.02	27	580	14	<10	32	0.14	<10	<10	82	<10	66	--	--
P 23244	2.19	1.0	100	500	<0.5	<2	0.55	1.0	14	58	27	3.76	10	0.23	30	0.71	2460	3	0.03	22	730	112	<10	42	0.09	<10	<10	69	<10	210	--	--
P 23251	1.57	3.0	310	410	<0.5	<2	0.46	4.0	13	44	27	3.79	10	0.24	30	0.36	4438	4	0.01	16	630	292	20	26	0.03	<10	<10	48	<10	550	--	--
P 23252	1.30	3.0	350	440	<0.5	<2	0.47	4.5	13	39	25	3.73	<10	0.23	30	0.33	4901	3	0.01	15	620	318	20	26	0.02	<10	<10	43	<10	610	--	--

Certified by ..Jean Büchler.....

Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

•Analytical Chemists •Geochemists •Registered Assayers

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8615758-003-A
INVOICE # : I8615758
DATE : 14-AUG-86
P.O. # : NONE
SQ-IDAHO DAH

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23253	1.23	3.0	440	470	<0.5	<2	0.46	5.0	12	37	24	3.70	<10	0.21	30	0.33	4950	3	0.01	16	610	362	20	26	0.02	<10	<10	42	<10	662	--	--
P 23254	1.35	3.4	460	520	<0.5	<2	0.51	6.5	13	49	25	3.87	<10	0.29	30	0.33	5794	3	0.02	15	640	404	20	29	0.02	<10	<10	43	<10	760	--	--
P 23255	1.19	4.0	520	920	<0.5	<2	0.48	6.5	13	37	25	3.82	<10	0.24	30	0.30	5986	3	0.01	15	610	438	20	29	0.01	<10	<10	39	<10	756	--	--
P 23256	1.14	4.4	600	500	<0.5	<2	0.49	8.5	13	39	24	3.75	<10	0.25	30	0.30	5851	3	0.01	14	610	472	30	27	0.01	<10	<10	39	<10	904	--	--
P 23257	1.28	4.0	540	480	<0.5	<2	0.46	6.0	13	39	25	3.79	<10	0.26	30	0.33	5299	3	0.01	14	630	442	30	27	0.02	<10	<10	42	<10	724	--	--
P 23258	1.24	3.4	440	450	<0.5	<2	0.46	5.5	12	37	24	3.63	<10	0.24	30	0.31	5019	3	0.01	15	600	382	20	26	0.02	<10	<10	41	<10	690	--	--
P 23259	1.23	2.8	360	410	<0.5	<2	0.44	4.5	13	36	25	3.60	<10	0.20	30	0.36	4499	3	0.01	15	610	312	10	24	0.02	<10	<10	44	<10	612	--	--
P 23260	1.09	2.8	380	410	<0.5	<2	0.42	4.5	12	31	24	3.54	<10	0.19	20	0.32	4806	3	0.01	14	600	320	20	23	0.02	<10	<10	39	<10	604	--	--
P 23261	0.96	6.0	490	480	<0.5	<2	0.44	6.5	12	27	24	3.66	<10	0.21	20	0.27	5921	3	0.01	13	610	570	20	24	0.01	<10	<10	34	<10	760	--	--
P 23262	1.01	3.6	430	440	<0.5	<2	0.41	6.5	12	28	22	3.45	<10	0.21	20	0.27	5249	3	0.01	13	570	402	10	23	0.01	<10	<10	34	<10	726	--	--
P 23263	1.06	5.0	800	770	<0.5	<2	0.45	6.5	13	30	30	4.69	<10	0.22	30	0.28	8934	5	0.01	15	610	444	20	29	0.01	<10	10	35	<10	838	--	--
P 23264	1.12	3.6	460	490	<0.5	<2	0.45	6.0	12	30	23	3.77	<10	0.23	30	0.30	5764	3	0.01	14	600	424	20	25	0.01	<10	<10	38	<10	734	--	--
P 23265	1.13	5.0	490	460	<0.5	<2	0.46	6.5	13	32	24	3.65	<10	0.23	30	0.31	5375	3	0.01	14	610	450	20	25	0.01	<10	<10	39	<10	742	--	--
P 23266	1.31	3.8	570	480	<0.5	<2	0.49	6.5	13	38	25	3.88	<10	0.26	30	0.34	5452	3	0.01	15	640	438	20	27	0.02	<10	<10	43	<10	786	--	--
P 23267	1.11	3.2	470	520	<0.5	<2	0.45	3.5	13	31	26	3.94	<10	0.24	30	0.29	6622	4	0.01	14	600	316	20	27	0.01	<10	10	38	20	592	--	--
P 23268	0.75	2.8	330	470	<0.5	<2	0.30	2.5	9	27	19	2.93	<10	0.22	30	0.16	6136	4	<0.01	10	430	246	10	20	<0.01	<10	10	21	60	424	--	--
P 23269	0.94	4.4	890	480	<0.5	<2	0.41	8.0	12	30	24	3.93	<10	0.27	30	0.21	6407	4	0.01	11	570	572	20	25	<0.01	<10	<10	27	<10	820	--	--
P 23270	1.39	1.6	170	400	<0.5	<2	0.49	1.0	13	40	28	3.53	10	0.21	30	0.40	3488	3	0.02	17	620	158	10	25	0.04	<10	<10	52	<10	312	--	--
P 23271	1.08	5.2	600	500	<0.5	<2	0.47	7.5	14	31	24	3.91	<10	0.24	30	0.29	6138	3	0.01	14	640	546	30	26	0.01	<10	<10	37	<10	892	--	--
P 23272	1.18	4.0	530	560	<0.5	<2	0.47	8.5	13	36	23	3.84	<10	0.30	30	0.29	6493	3	0.01	14	630	494	20	28	0.01	<10	<10	37	<10	908	--	--
P 23273	1.36	4.0	580	500	<0.5	<2	0.50	7.5	12	39	22	3.92	<10	0.27	30	0.31	5567	2	0.01	14	650	512	40	27	0.01	<10	<10	39	<10	882	--	--
P 23274	1.21	5.6	500	530	<0.5	<2	0.54	3.5	14	31	26	3.86	<10	0.26	30	0.31	5814	3	0.02	15	630	398	20	30	0.01	<10	<10	40	<10	638	--	--
P 23275	1.03	3.8	460	480	<0.5	<2	0.48	6.0	13	36	23	3.91	<10	0.25	20	0.30	5414	3	0.01	13	610	382	20	25	0.01	<10	<10	37	<10	730	--	--
P 23276	1.00	4.6	840	530	<0.5	<2	0.55	9.5	13	31	22	3.98	<10	0.26	20	0.29	6286	3	0.01	13	640	602	30	27	0.01	<10	<10	34	<10	1020	--	--
P 23277	0.95	4.4	580	490	<0.5	<2	0.47	8.5	13	30	22	3.82	<10	0.24	20	0.28	6164	3	0.01	12	590	470	20	24	0.01	<10	<10	34	<10	808	--	--
P 23278	1.05	4.6	750	600	<0.5	<2	0.55	7.0	14	30	26	4.04	<10	0.27	30	0.29	6066	3	0.01	13	620	508	20	27	0.01	<10	<10	36	<10	838	--	--
P 23279	0.95	6.0	860	460	<0.5	<2	0.58	9.0	12	35	24	3.78	<10	0.30	20	0.23	6965	3	0.01	12	580	650	30	29	<0.01	<10	<10	29	<10	956	--	--
P 23280	0.83	14.0	3520	390	<0.5	<2	0.40	26.0	10	36	23	4.16	<10	0.30	20	0.21	6097	3	0.01	16	610	2100	160	21	<0.01	<10	<10	25	<10	2412	--	--
P 23281	1.01	4.4	640	510	<0.5	<2	0.49	6.5	13	34	24	3.82	<10	0.21	20	0.29	5185	2	0.01	17	630	432	20	25	0.01	<10	<10	37	<10	820	--	--
P 23282	1.10	5.0	520	600	<0.5	<2	0.62	7.0	13	33	23	3.96	<10	0.30	30	0.30	6116	3	0.01	14	650	540	30	29	0.01	<10	<10	39	<10	866	--	--
P 23283	1.21	1.8	210	550	<0.5	<2	1.91	2.0	16	30	14	4.62	10	0.37	40	0.39	4954	1	0.01	9	670	168	20	38	0.02	<10	<10	56	<10	570	--	--
P 23284	0.64	1.8	270	840	<0.5	<2	2.14	8.5	15	24	14	4.12	10	0.33	30	0.22	8834	10	<0.01	9	580	188	20	36	<0.01	<10	<10	23	<10	1086	--	--
P 23451	1.13	5.8	370	200	<0.5	<2	0.34	13.5	10	40	27	3.31	<10	0.14	20	0.38	1303	1	0.01	16	710	1056	<10	21	0.04	<10	<10	42	<10	1170	--	--
P 23452	1.37	6.6	350	210	<0.5	2	0.40	13.0	11	39	25	3.41	<10	0.14	20	0.43	1693	1	0.01	18	750	1014	<10	23	0.06	<10	<10	46	<10	1198	--	--
P 23453	1.31	6.2	320	220	<0.5	<2	0.44	14.5	11	52	32	3.34	<10	0.17	20	0.42	1350	1	0.02	18	720	874	<10	25	0.06	<10	<10	46	<10	1180	--	--
P 23454	1.26	6.4	290	180	<0.5	<2	0.42	15.5	11	44	37	3.16	<10	0.17	20	0.41	1369	1	0.02	17	700	916	10	24	0.06	<10	<10	47	<10	1306	--	--
P 23455	1.39	6.6	270	230	<0.5	<2	0.39	13.0	10	40	35	3.13	<10	0.15	30	0.41	1085	<1	0.01	17	780	902	10	23	0.05	<10	<10	47	<10	1070	--	--
P 23456	1.35	6.2	270	230	<0.5	<2	0.38	13.5	11	40	33	3.14	<10	0.15	20	0.41	1105	1	0.01	16	760	846	10	22	0.05	<10	<10	47	<10	1144	--	--
P 23457	1.32	5.6	250	230	<0.5	<2	0.39	13.5	10	48	33	3.15	<10	0.17	20	0.41	1293	1	0.01	16	750	758	<10	23	0.06	<10	<10	47	<10	1182	--	--
P 23458	0.90	9.4	370	210	<0.5	<2	0.23	18.5	5	41	40	3.65	<10	0.31	30	0.21	1455	1	0.01	10	490	882	<10	24	0.01	<10	<10	24	<10	1450	--	--

Certified by .....

Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

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Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23459	1.16	5.2	310	170	<0.5	<2	0.38	13.5	8	50	29	3.04	<10	0.20	20	0.38	1202	<1	0.02	14	630	828	<10	24	0.07	<10	<10	45	<10	1058	--	--
P 23460	1.40	6.2	310	230	<0.5	<2	0.41	15.0	9	50	35	3.23	<10	0.20	30	0.40	1079	<1	0.02	15	710	874	10	26	0.06	<10	<10	48	<10	1118	--	--
P 23461	1.06	5.2	280	160	<0.5	<2	0.37	13.0	8	48	29	2.81	<10	0.17	20	0.35	1016	<1	0.01	14	620	792	<10	23	0.07	<10	<10	42	<10	974	--	--
P 23462	1.38	5.8	230	220	<0.5	<2	0.36	16.0	10	53	34	2.76	<10	0.17	20	0.39	943	1	0.01	15	660	860	<10	22	0.06	<10	<10	44	<10	1034	--	--
P 23463	1.49	6.0	260	250	<0.5	<2	0.41	13.5	10	58	34	3.13	<10	0.18	20	0.42	1039	<1	0.01	17	740	846	<10	25	0.06	<10	<10	48	<10	1032	--	--
P 23464	1.46	6.2	260	240	<0.5	<2	0.40	13.5	9	54	33	3.03	<10	0.17	20	0.40	1018	<1	0.01	16	740	818	<10	24	0.05	<10	<10	46	<10	982	--	--
P 23465	1.50	6.4	250	240	<0.5	<2	0.39	12.5	10	60	33	3.08	<10	0.17	20	0.42	983	<1	0.01	16	720	794	<10	23	0.05	<10	<10	47	<10	960	--	--
P 23466	1.42	5.6	230	240	<0.5	<2	0.39	11.0	10	57	31	2.98	<10	0.16	20	0.41	917	<1	0.01	16	720	734	<10	23	0.06	<10	<10	47	<10	850	--	--
P 23467	1.50	5.4	160	270	<0.5	<2	0.41	13.5	12	50	34	3.28	<10	0.16	30	0.45	1014	1	0.01	18	650	592	<10	23	0.07	<10	<10	52	<10	994	--	--
P 23468	1.49	6.2	240	220	<0.5	<2	0.38	13.0	10	53	31	3.07	<10	0.18	30	0.41	1282	1	0.01	17	690	738	10	23	0.06	<10	<10	48	<10	922	--	--
P 23469	1.31	11.6	400	200	<0.5	<2	0.40	13.0	9	43	35	3.56	<10	0.17	20	0.39	2644	2	0.01	16	700	1336	10	25	0.06	<10	<10	46	<10	1300	--	--
P 23470	1.41	4.8	180	240	<0.5	<2	0.39	16.0	13	62	27	2.72	<10	0.17	20	0.40	2394	1	0.01	18	610	600	<10	24	0.07	<10	<10	47	<10	888	--	--
P 23471	1.27	12.4	1090	230	<0.5	<2	0.45	19.5	13	52	55	4.66	<10	0.16	20	0.40	1720	1	0.01	29	700	1458	10	28	0.05	<10	<10	50	<10	1796	--	--
P 23472	1.27	7.4	750	230	<0.5	<2	0.40	13.5	13	54	45	3.85	<10	0.17	20	0.37	1423	1	0.01	24	670	972	10	24	0.05	<10	<10	46	<10	1190	--	--
P 23473	1.83	5.0	580	320	<0.5	<2	0.54	2.0	13	31	34	5.19	10	0.20	20	0.36	1247	<1	0.01	17	570	346	10	23	<0.01	<10	<10	43	<10	1042	--	--
P 23474	1.37	6.4	580	250	<0.5	<2	0.42	11.0	12	48	41	3.87	<10	0.18	30	0.37	1655	1	0.01	18	690	886	10	24	0.05	<10	<10	47	<10	1034	--	--
P 23475	1.55	5.2	420	260	<0.5	<2	0.45	11.0	12	55	36	3.68	<10	0.19	30	0.43	1423	<1	0.02	19	710	756	10	26	0.07	<10	<10	52	<10	938	--	--
P 23476	1.62	4.4	310	290	<0.5	<2	0.57	3.5	15	40	31	4.28	10	0.21	30	0.40	1723	1	0.01	16	680	518	10	28	0.02	<10	<10	48	<10	658	--	--
P 23477	1.44	4.8	280	270	<0.5	<2	0.46	8.0	12	51	31	3.48	<10	0.20	30	0.39	1296	1	0.01	16	690	604	<10	24	0.05	<10	<10	48	<10	764	--	--
P 23478	1.24	4.8	280	240	<0.5	<2	0.38	9.0	11	49	28	3.22	<10	0.16	20	0.36	1356	1	0.01	15	650	640	<10	22	0.04	<10	<10	46	<10	796	--	--
P 23479	1.06	4.0	230	240	<0.5	<2	0.36	6.5	11	45	30	3.12	<10	0.15	20	0.33	1436	23	0.01	16	560	522	<10	19	0.04	<10	<10	41	<10	684	--	--
P 23480	1.22	4.0	250	280	<0.5	<2	0.43	7.5	12	51	32	3.40	<10	0.16	30	0.39	1509	3	0.02	18	590	502	<10	23	0.05	<10	<10	46	<10	744	--	--

Certified by ..Hart Bichler..

Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

•Analytical Chemists •Geochemists •Registered Assayers

Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8615755-001-A
INVOICE # : I8615755
DATE : 14-AUG-86
P.O. # : NONE
SQ-IDAHO

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
P 23051	0.11	0.2	30	2950	<0.5	<2	0.03	<0.5	2	351	35	0.49	<10	0.03	<10	0.01	561	1	<0.01	16	10	6	<10	73	<0.01	<10	<10	2	<10	30	--	--
P 23052	0.24	2.0	240	1450	<0.5	<2	3.79	<0.5	7	63	40	17.61	20	0.09	<10	0.71	>9999	4	<0.01	23	220	180	10	182	<0.01	<10	100	26	<10	178	--	--
P 23053	0.24	2.6	300	980	<0.5	<2	3.63	2.0	4	128	16	3.26	10	0.11	<10	0.06	7549	7	<0.01	7	90	280	<10	53	<0.01	<10	10	19	<10	306	--	--
P 23054	0.23	56.0	760	480	<0.5	<2	0.07	<0.5	1	151	70	2.57	<10	0.11	<10	0.01	266	2	<0.01	5	60	1406	20	27	<0.01	<10	<10	3	<10	148	--	--
P 23055	0.30	18.0	2820	460	<0.5	<2	0.04	13.0	1	216	76	4.07	<10	0.26	10	0.02	886	<1	<0.01	4	190	2730	<10	23	<0.01	<10	<10	<1	<10	714	--	--

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Chemex Labs Ltd.

•Analytical Chemists •Geochemists •Registered Assayers

212 Brooksbank Ave
North Vancouver, B.C
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8616502-001-A
INVOICE # : I8616502
DATE : 24-AUG-86
P.O. # : NONE
SQ IDAHO

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
P 23019	1090	0.74	25.0	1110	100	<0.5	<2	0.24	24.5	<1	126	37	4.37	<10	0.68	10	0.06	688	3	0.01	3	350	1808	30	58	<0.01	<10	<10	8	<10	582	-- 3 gms on #4
P 23020	6890	0.54	72.0	720	40	<0.5	<2	0.13	5.0	<1	143	22	1.26	<10	0.35	10	0.04	371	3	<0.01	3	90	2690	50	26	<0.01	<10	<10	4	<10	164	--

Certified by .....

V03 rev 11/85

Deep soils

Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

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CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8616503-001-A
INVOICE # : I8616503
DATE : 26-AUG-86
P.O. # : NONE
SQ IDAHO

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
P 23002	8	2.15	0.2	20	290	<0.5	<2	0.49	<0.5	12	84	16	3.08	<10	0.12	20	0.60	389	<1	0.02	18	680	14	<10	30	0.15	<10	<10	74	<10	74	--
P 23003	<1	2.03	0.2	10	300	<0.5	<2	0.47	<0.5	11	65	20	3.19	<10	0.12	20	0.59	398	<1	0.02	17	640	8	<10	29	0.14	<10	<10	74	<10	66	--
P 23004	1640	1.95	0.2	120	310	<0.5	<2	0.56	<0.5	12	82	20	3.48	<10	0.21	30	0.73	570	<1	0.02	19	710	56	<10	29	0.16	<10	<10	80	<10	124	--
P 23005	13	2.06	0.2	30	430	<0.5	<2	0.68	<0.5	14	68	22	3.37	10	0.19	30	0.66	570	<1	0.02	23	730	26	<10	40	0.13	<10	<10	75	<10	102	--
P 23006	52	1.86	0.2	30	400	<0.5	<2	0.57	<0.5	13	66	20	3.11	10	0.24	30	0.53	566	<1	0.02	22	700	26	<10	37	0.10	<10	<10	62	<10	96	--
P 23007	9	2.07	0.2	30	390	<0.5	<2	0.48	<0.5	15	67	21	3.50	<10	0.15	30	0.55	651	<1	0.02	20	800	36	<10	35	0.12	<10	<10	74	<10	116	--
P 23008	26	2.14	0.2	30	390	<0.5	<2	0.52	<0.5	13	70	29	3.43	<10	0.20	20	0.64	546	1	0.02	23	610	22	<10	37	0.15	<10	<10	75	<10	92	--
P 23009	21	2.61	0.2	30	490	<0.5	<2	0.44	<0.5	13	67	32	3.80	10	0.20	40	0.64	322	1	0.02	24	650	24	<10	35	0.11	<10	<10	80	<10	94	--
P 23010	12	1.59	0.2	40	320	<0.5	<2	0.43	<0.5	11	63	26	3.48	<10	0.19	20	0.50	456	1	0.01	19	800	22	<10	34	0.09	<10	<10	60	<10	104	--
P 23011	10	2.16	0.6	30	270	<0.5	<2	0.30	<0.5	12	64	16	3.50	<10	0.13	20	0.59	633	<1	0.01	17	670	18	<10	24	0.12	<10	<10	72	<10	84	--
P 23012	176	1.23	1.6	40	480	<0.5	<2	0.36	5.0	6	67	24	3.91	<10	0.22	40	0.31	622	1	0.01	13	580	20	<10	30	0.03	<10	<10	39	<10	425	--
P 23013	197	0.86	1.8	50	330	<0.5	<2	0.36	7.5	9	52	13	3.60	<10	0.29	40	0.16	1687	2	0.01	11	1000	34	<10	28	<0.01	<10	<10	24	<10	634	--
P 23014	95	0.90	1.0	40	320	<0.5	<2	0.39	11.5	7	51	11	3.22	<10	0.26	40	0.20	1517	1	0.01	12	720	58	<10	46	0.01	<10	<10	28	<10	842	--
P 23015	45	2.15	1.8	330	360	<0.5	<2	0.50	2.5	16	72	23	4.69	10	0.20	30	0.68	1044	1	0.03	23	980	166	<10	37	0.12	<10	<10	84	<10	476	--
P 23016	48	1.87	4.4	950	430	<0.5	<2	0.55	25.5	22	69	30	6.95	10	0.30	40	0.44	1443	1	0.02	34	1740	622	<10	47	0.02	<10	<10	87	<10	1516	--
P 23017	232	0.93	2.6	1340	530	<0.5	<2	0.19	1.5	8	38	92	7.15	<10	1.03	20	0.12	178	<1	0.06	6	660	84	<10	186	<0.01	<10	<10	27	<10	126	--
P 23018	650	2.93	3.0	3530	950	<0.5	<2	1.38	5.0	26	110	134	7.43	10	0.31	30	0.98	1075	1	0.17	42	1970	164	<10	166	0.02	<10	<10	121	<10	212	--

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VOG rev 11/85

APPENDIX III

LIST OF EMPLOYEES AND CONTRACTORS

LIST OF EMPLOYEES AND CONTRACTORS

EMPLOYEES OF ARCHER, CATHRO & ASSOCIATES (1981) LIMITED (Prime Contractor)

A.R. Archer (Prof. Engineer)	7823 Stanley Street, Burnaby, B.C.
R.J. Cathro (Prof. Engineer)	2320 Bellevue, West Vancouver, B.C.
R.C. Carne (Geologist)	6392 Neville Street, Burnaby, B.C.
W.D. Eaton (Geologist)	6108 Burns Street, Burnaby, B.C.
M.P. Phillips (Geologist)	50 Alsek Road, Whitehorse, Yukon
W. Halleran (Geologist)	Apt. 5, 2545 West 5th Avenue, Vancouver, B.C.
D. McBeth (Geologist)	2392 West 45th Avenue, Vancouver, B.C.
B. Wengzynowski (Labourer)	606 Ogilvie Street, Whitehorse, Yukon
K. Sax (Technologist)	Box 555, Sedgewick, Alberta
P. Gilchrist (Cook)	312 East 38th Avenue, Vancouver, B.C.
M. Cooke (Secretary)	2975 Lazy A Street, Coquitlam, B.C.
J. Mariacher (Accounting & Expediting)	5831 Buckingham Avenue, Burnaby, B.C.
A. Gelling (Drafting & Expediting)	Apt. 304, 2190 West 7th Avenue, Vancouver, B.C.

CONTRACTORS

Archer, Cathro & Associates (1981) Limited	3125 - 3rd Avenue, Whitehorse, Yukon
E. Caron Diamond Drilling	7 Roundel Road, Whitehorse, Yukon
Air North	Box 4990, Whitehorse, Yukon
Trans North Turbo Air	Box 4338, Whitehorse, Yukon
Chemex Labs Ltd.	212 Brooksbank Avenue, North Vancouver, B.C.

LEGEND

+25 ppb gold contour

1986 bulldozer trench

area of exposed bedrock

N

DAH CLAIM BOUNDARY

L 00

L 28E

L 27W

Isaac Creek

Creek

Idaho

B.L. B

A

B

C

D

TRENCH 86-1

TRENCH 86-2

TRENCH 86-3

TRENCH 86-4

TRENCH 86-4a

TRENCH 86-5

TRENCH 86-6

TRENCH 86-7

0 200 400 600 800 1000

SCALE IN METRES

SILVERQUEST RESOURCES LTD.

IDAHO CREEK PROPERTY DAH CLAIMS

WHITEHORSE MINING DISTRICT; YUKON TERRITORY

SOIL GEOCHEMICAL ANOMALY MAP

GOLD (P.P.B.)

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

To accompany report dated October, 1986

Figure 4