REPORT ON THE
**PEZGOLD RESOURCE CORPORATION**
URSUS CREEK
EXPLORATION PROGRAM





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March 16, 1989

OREQUEST

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## SUMMARY

The 1988-89 Ursus Creek exploration program involved prospecting to determine the extent of mineralization over the entire claim area and drilling to test the known Junction Zone.

Prospecting determined there are three styles of mineralization present. They include auriferous cataclastic zones, quartz veins and magnetite-chalcopyrite replacement deposits.

Cataclastic zones occur along the length of Ursus Creek and several of the feeder creeks. This areas appears to be underlain by a host rock receptive to later gold mineralization. Sections of the cataclastic zone with late shear zones, narrow quartz veins and albitite dykes are most favourable for gold mineralization. The Junction Zone is the only mineralized area of this type known at this time. Several narrow quartz veins along Ursus Creek were auriferous. These veinlets may indicate areas where proximal cataclastic zones are more favourable.

The Elmer Veins were found east of the Junctions Zone and represent a possible extension to the Prosper Veins which have been displaced by strike slip movement on the Ursus Creek Cataclastic Zone. Grab samples of the vein carry up to 0.614 oz/t gold.

Replacement showings in the volcanics were small and only weakly anomalous in gold but may provide an indicator to where auriferous intrusions were emplaced and therefore merit further prospecting.

Drilling of the Junction Zone indicated the cataclastic zone is 8 to 17 m wide and persists to a depth of 145 m with a strike length of 220 m. Mineralized intersections include 1.7 m with a weighted average grade of 0.254 oz/t gold, and 1.8 m of 0.266 oz/t gold.

Geologic mapping of the Junction Zone and the Elmer Veins is recommended followed by further drilling on the Junction Zone and trenching and possible drilling of the Elmer Veins, dependant on the trenching program to determine continuity and grade.

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## INTRODUCTION

This report describes work carried out by OreQuest Consultants Ltd. on the Ursus Creek property at the request of Pezgold Resource Corporation. The property is currently under option to Pezgold from Pacific Sentinel Gold.

Exploration on the property included prospecting and preparation for drilling during the first two weeks of December, 1988 followed by a drilling program on the Junction Showing during the month of January, 1989.

## LOCATION AND ACCESS

The Ursus Creek property is located approximately 30 km northeast of Tofino on the west coast of Vancouver Island (Figures 1 and 2). It is centered at latitude 49°23' and longitude 125°37' on NTS map 92F/5E in the Alberni Mining Division. The property covers 15 km of Ursus Creek and the headwaters of the Taylor River.

There is no direct road access to the property. Access is afforded by helicopter from permanent bases in Nanaimo or from temporary seasonal bases, at Port Alberni or Tofino. Landing sites have been cleared at the Camp zone, each of the three drill pads in the Junction Zone and the new Elmer Vein Showing east of the Junction Zone. Intermediate pads also exist between the Camp Zone and Junction Zone and between the Junction Zone and Elmer Veins (Figure 6). Parts of the western claim area can be accessed by landing on sand bars in Ursus Creek.

Heavy equipment may be air-lifted from the Taylor River road some 10 km east of the property or from the head of Bedwell Sound after barging from Tofino.

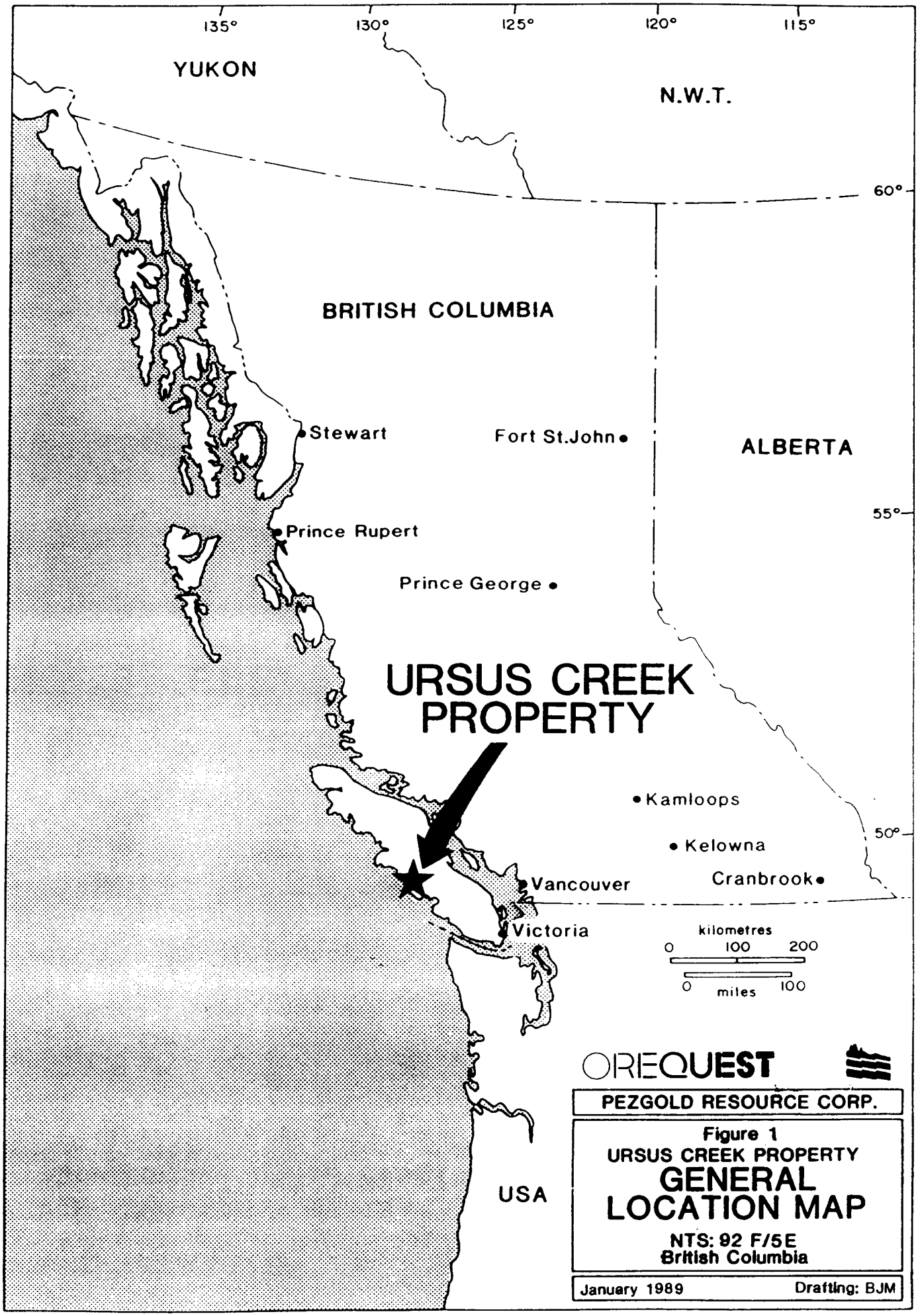
135°
130°
125°
120°
115°
YUKON
N.W.T.
60°
BRITISH COLUMBIA
Stewart
Fort St.John
ALBERTA
55°
Prince Rupert
Prince George
URSUS CREEK PROPERTY
Kamloops
Kelowna
50°
Vancouver
Cranbrook
Victoria
kilometres
0 100 200
0 miles 100
USA
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Figure 1
URSUS CREEK PROPERTY
GENERAL LOCATION MAP
NTS: 92 F/5E
British Columbia
January 1989
Drafting: BJM

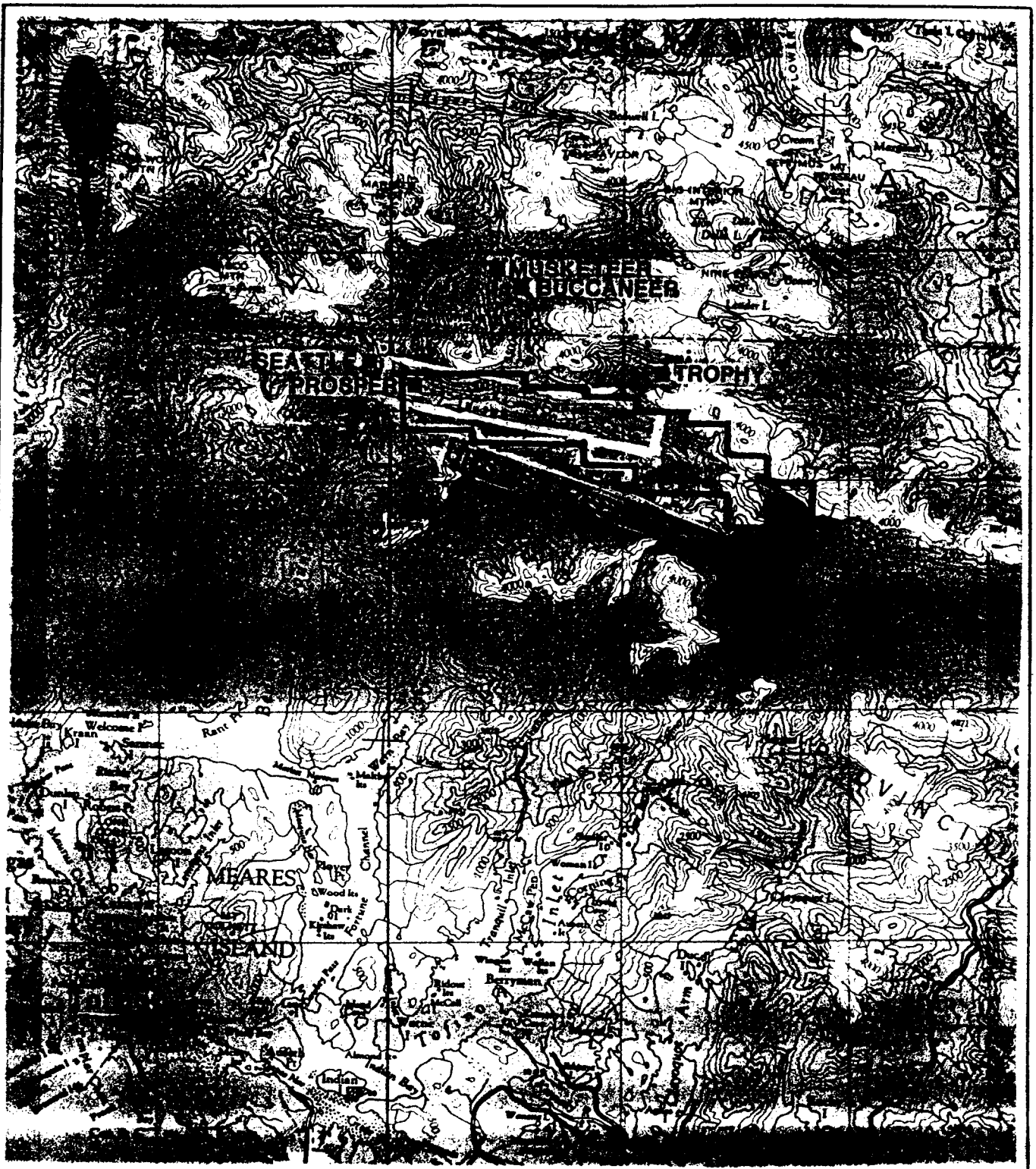


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Figure 2
URSUS CREEK PROPERTY

# REGIONAL LOCATION MAP

NTS: 92 F/5 E
British Columbia

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An old trail extending along the Bedwell River from Bedwell Sound and up along Ursus Creek is virtually non-existent and impassable.

## CLAIM STATUS

The Ursus Creek property consists of the Ureka 1-13 and Opus 1 and 2 claims (Figure 3) which total 200 units.

Status of the claims is as follows:

**TABLE 1**

| Claim Name | Record No. | No. of Units | Anniversary Date |
|---|---|---|---|
| Eureka 1 | 3064 | 15 | December 1, 1989 |
| 2 | 3065 | 15 | December 1, 1989 |
| 3 | 3066 | 15 | December 1, 1989 |
| 4 | 3067 | 10 | December 1, 1989 |
| 5 | 3068 | 12 | December 1, 1989 |
| 6 | 3069 | 12 | December 1, 1989 |
| 7 | 3070 | 8 | December 1, 1989 |
| 8 | 3071 | 20 | December 1, 1990 |
| 9 | 3072 | 4 | December 1, 1990 |
| 10 | 3073 | 20 | December 1, 1990 |
| 11 | 3074 | 12 | December 1, 1990 |
| 12 | 3075 | 12 | December 1, 1990 |
| 13 | 3076 | 20 | December 1, 1990 |
| Opus 1 | 3077 | 10 | December 1, 1989 |
| 2 | 3078 | 15 | December 1, 1989 |

The claims are under option to Pezgold Resources Corporation from their owner, Pacific Sentinel Gold Corp.

## PHYSIOGRAPHY AND VEGETATION

The property spans the Ursus Creek Valley and portions of the headwaters of the Taylor River which are precipitous and heavily vegetated. Elevations along Ursus Creel range from sea level to 1,000 m at its headwaters. Elevations in the mountains along Ursus Creek range up to 1,400 m above sea level.

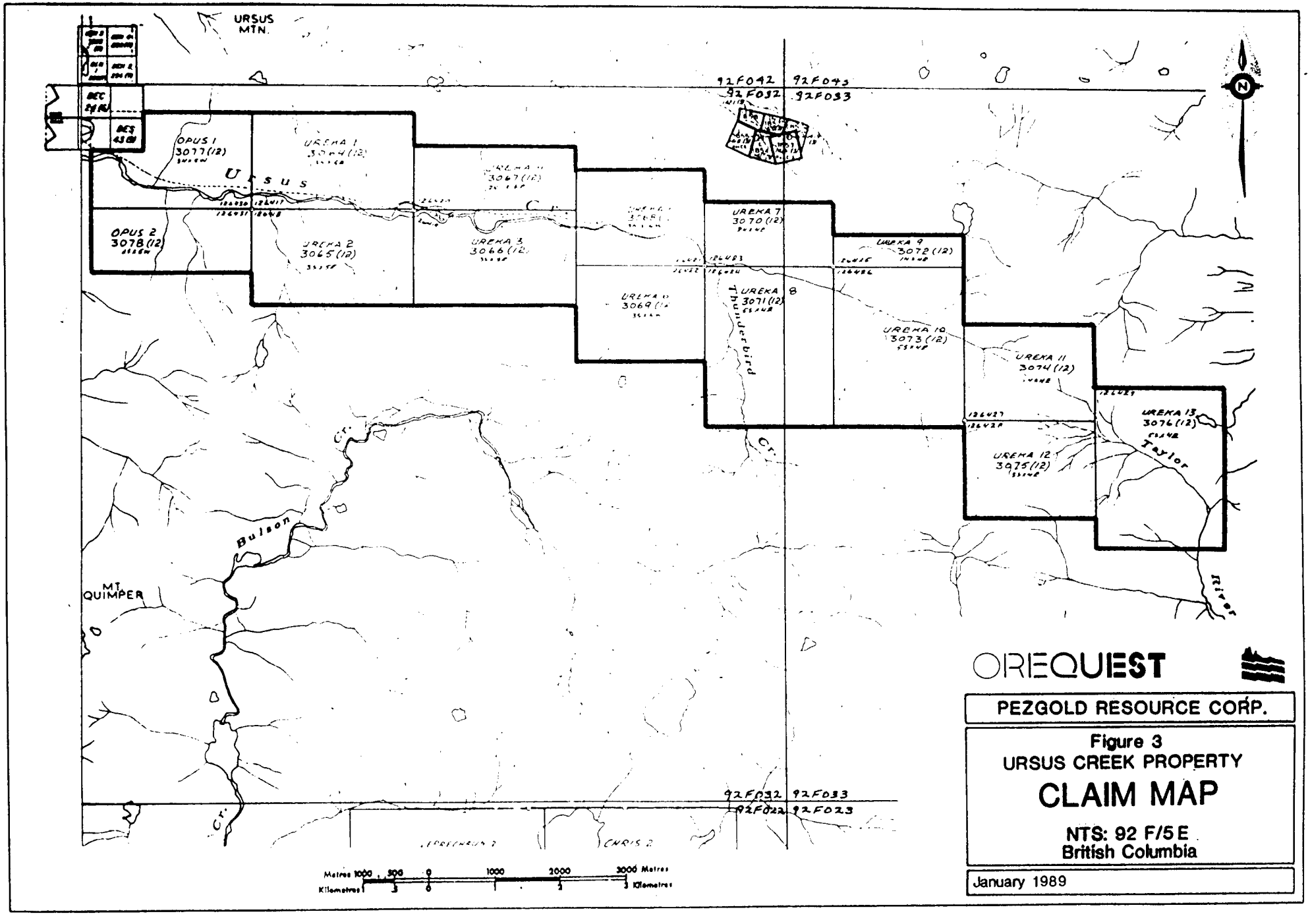


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**Figure 3**
**URSUS CREEK PROPERTY**

# CLAIM MAP

**NTS: 92 F/5 E**
**British Columbia**

January 1989

Vegetation consists of mature red and yellow cedar mixed with hemlock, balsam and douglas fir typical of west coast rain forests. Underbrush is also thick and consists of ferns, salal and immature evergreen trees.

## REGIONAL GEOLOGY AND MINERALIZATION

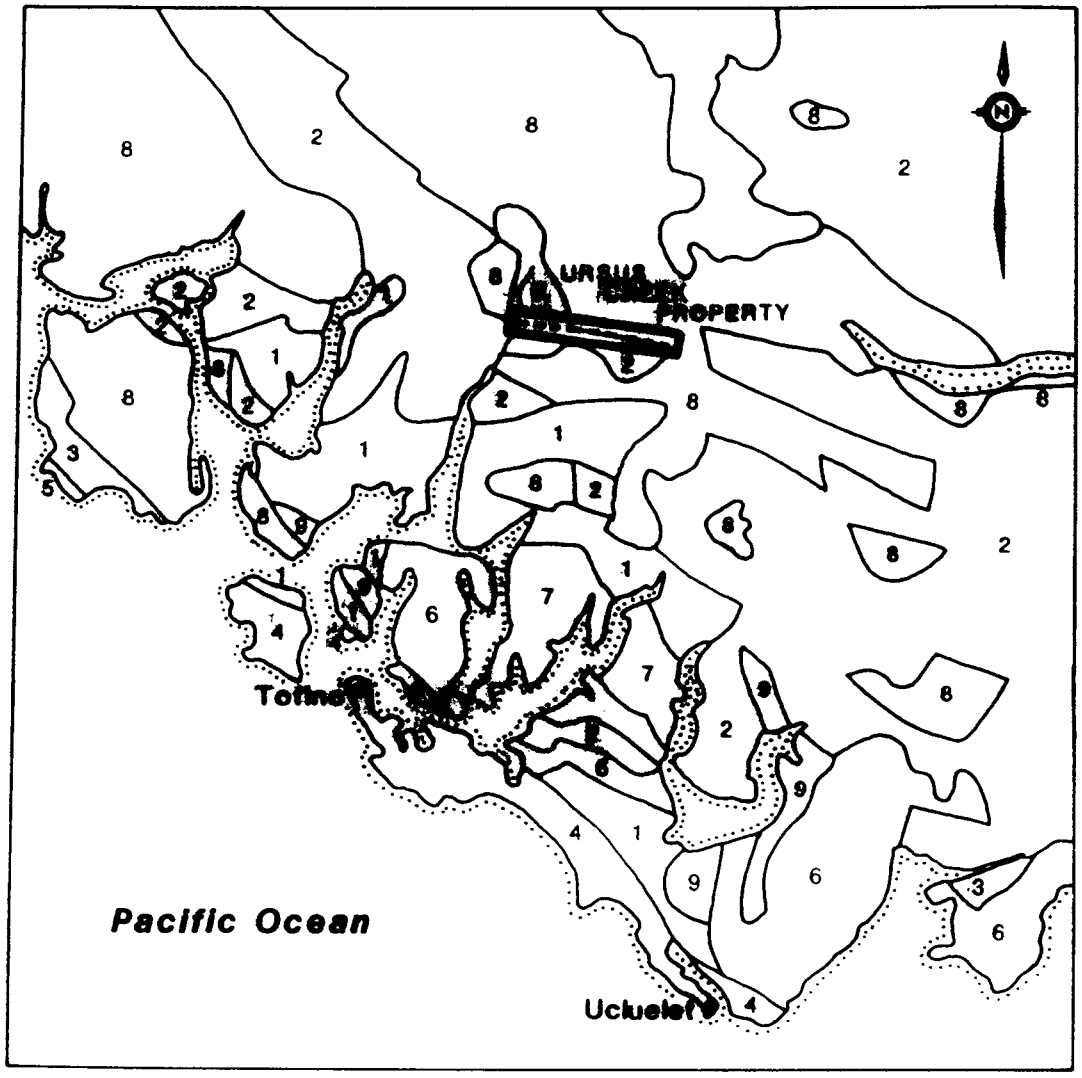
The regional geology including the claim area is depicted in Figure 4. The Ursus Creek area is dominated by Karmutsen volcanics in a deep marine rift basin which evolved to a subaerial basin through middle to late Triassic times. These volcanics are overlain by massive to thickly bedded calcareous mudstones of the Quatsino Formation.

These stratified rocks have been invaded by middle to late Jurassic biotite-hornblende granodiorite and quartz diorites. Tertiary quartz diorites of the Catface Intrusions also occur in the area and are difficult to distinguish from the late Jurassic quartz diorites of the Island Intrusions (Muller, 1971).

The area has been subjected to major faulting with a dominant northwest-southeast trend in the Ursus Claim area. Faulting of this orientation offsets Jurassic intrusive-volcanic contacts giving it a post late Jurassic age. Geologic evidence on the Ursus claim group indicates faults have been reactivated over time.

Mineralization in the Bedwell sound area can be classified as shear zone related quartz veins and replacement deposits.

Mineralized shear zones occur in the Kennedy River area and are characterized by chlorite alteration in the shears and later quartz-carbonate-sulphide veinlets




INTRUSIVE ROCKS

9 quartz monzonite
8 Vancouver Island Intrusions
7 quartz diorite
6 diorite

EOCENE AND OLIGIOCENE

5 Carmanah Group: sandstone, shale

JURASSIC AND [illegible]

4 Pacific Rim: greywacke, argillite

LOWER JURASSIC

3 Bonanza: andesite, dacite, rhyolite

TRIASSIC

2 Karmutsen Formation: basalt, pillow lava

CARBONIFEROUS OR [illegible]

1 Sicker Group: meta-andesite, dacite

0 10 20
kilometres

OREQUEST [illegible]

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Figure 4

URSUS CREEK PROPERTY

# REGIONAL GEOLOGY

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which trend 030-040°. Composite chip samples of vein and shear material (1.5 and 0.6 m of each respectively) reported 1.228 oz/t gold and 0.89 oz/t silver (Goldsmith, 1986).

Auriferous quartz veins in the Bedwell area include the Prosper Group which occurs at the west end of the Ursus claims and the Trophy Group which is north of the central claim area (Figure 2). The Prosper Veins contain pyrite, chalcopyrite and free gold striking 070° and dipping 65-70° to the north. The veins are up to 1 m wide and hosted by Karmutsen volcanics with chlorite-epidote alteration. The Trophy veins occur in granodiorites which are cut by quartz diorite dykes. The veins trend 070° and dips 80° southeast and are characterized by pyrite with minor sphalerite, galena, chalcopyrite and free gold in the quartz gangue. Some fault gouge occurs along the wallrock. Veins vary in width from 13 to 25 cm and have been traced for 60 m. Chip samples carry 0.08 to 0.58 oz/t gold.

Replacement deposits in the area include the Seattle Group, Avon Group and Galena Group (Sargent, 1946). The Seattle Group skarn is hosted by Quatsino limestones and is composed of andredite garnet, epidote, magnetite, pyrite, chalcopyrite and minor sphalerite. Grab samples carry 0.1 oz/t gold and 0.1 oz/t silver. The Avon Group showing has pyrite, chalcopyrite and magnetite in a recrystallized limestone which has been intruded by Penny Creek quartz diorite, and quartz-sulphide veinlets in Karmutsen volcanics with epidote-magnetite alteration. Grab samples carry up to 2.5 oz/t gold.

The Galena Group replacement deposit consists of magnetite, pyrite and chalcopyrite in volcanics which are cut by granitic dykes. Chloritic alteration is present.

## EXPLORATION HISTORY

The Ursus Creek shear zone and associated mineralization was first discovered in 1939 at the junction of Ursus and Thunderbird Creeks (Camp Zone). The property was restaked in the late 1970's by Sam Craig, which led to trenching and soil sampling of the Camp Zone under option to Eldorado Mineral and Petroleum. The trenching program indicated that a 3 m wide zone of footwall to a pyrite-chalcopyrite-bornite bearing quartz vein carries gold values of up to 0.135 oz/t. The vein is hosted by a shear zone. Soil samples indicate a 30 m by 75 m area of greater than 100 ppb gold in the Camp Zone. The claims were allowed to lapse in 1984 and were restaked in December of 1986 by Pacific Sentinel Gold. Work on the claims since then has included silt sampling of the drainages which feed Ursus Creek, soil sampling of the Camp Zone and a mag-EM survey (Woodcock, 1987). New Global Resources Ltd. also conducted a program for Pacific Sentinel Gold in December of 1986 and February of 1987 which included silt sampling and prospecting over the entire property, as well as trenching, soil sampling, mapping and magnetometer and VLF surveys over the Camp Zone grid. Ninety-one silt samples were taken with gold values as high as 1150 ppb. Prospecting grab samples were anomalous at the Junction Zone (5690-24900 ppb gold), the Mid Pad Showing (500-25900 ppb gold) and a float sample near the Dyke Showing which assays 25700 ppb (Figure 5). Soil sampling expanded the Camp Zone soil anomaly to a 250 m x 150 m area with gold values of up to 1090 ppb. Geophysical surveys were inconclusive.

PROPERTY GEOLOGY

The property is underlain by Karmutsen volcanics which have been intruded by granodiorite. Marginal phases of the granodiorite are described as quartz diorites. Thin section work on the granitic rocks at the Junction Zone indicate the host rocks are medium to coarse grained quartz diorites. They contain 10 to 25% chloritized hornblende and/or biotite and have undergone weak propyllitic alteration (Appendix D).

Albitites cut the quartz diorite in the Junction Zone. In hand specimen these rocks are pale green with up to 15% chloritized mafics consisting of possible primary pyroxene or biotite. Porphyritic white feldspar phenocrysts occur in some samples. Elsewhere grain boundaries are diffused by assimilation of the fine grained matrix giving the rock a homogeneous fine grained appearance. Rocks very similar to the Junction Zone hand specimens were given the field name quartz diorite in other areas of the property. These rocks are younger than the quartz diorites seen in the Junction Zone.

The Karmutsen volcanics and the granodiorites have been offset by a major failure zone which occurs along Ursus Creek.

Several phases of alteration have affected the Ursus Cataclastic Zone. Original movement on the shear zone was accompanied by chloritic and possibly pyritic alteration. Later silicification and minor feldspar alteration occurred, possibly at the same time as quartz veins were emplaced in the shear zone. Remobilization of the shear zone brecciated early quartz veins creating a cataclastic texture. Sericitic, chloritic and possible pyritic alteration

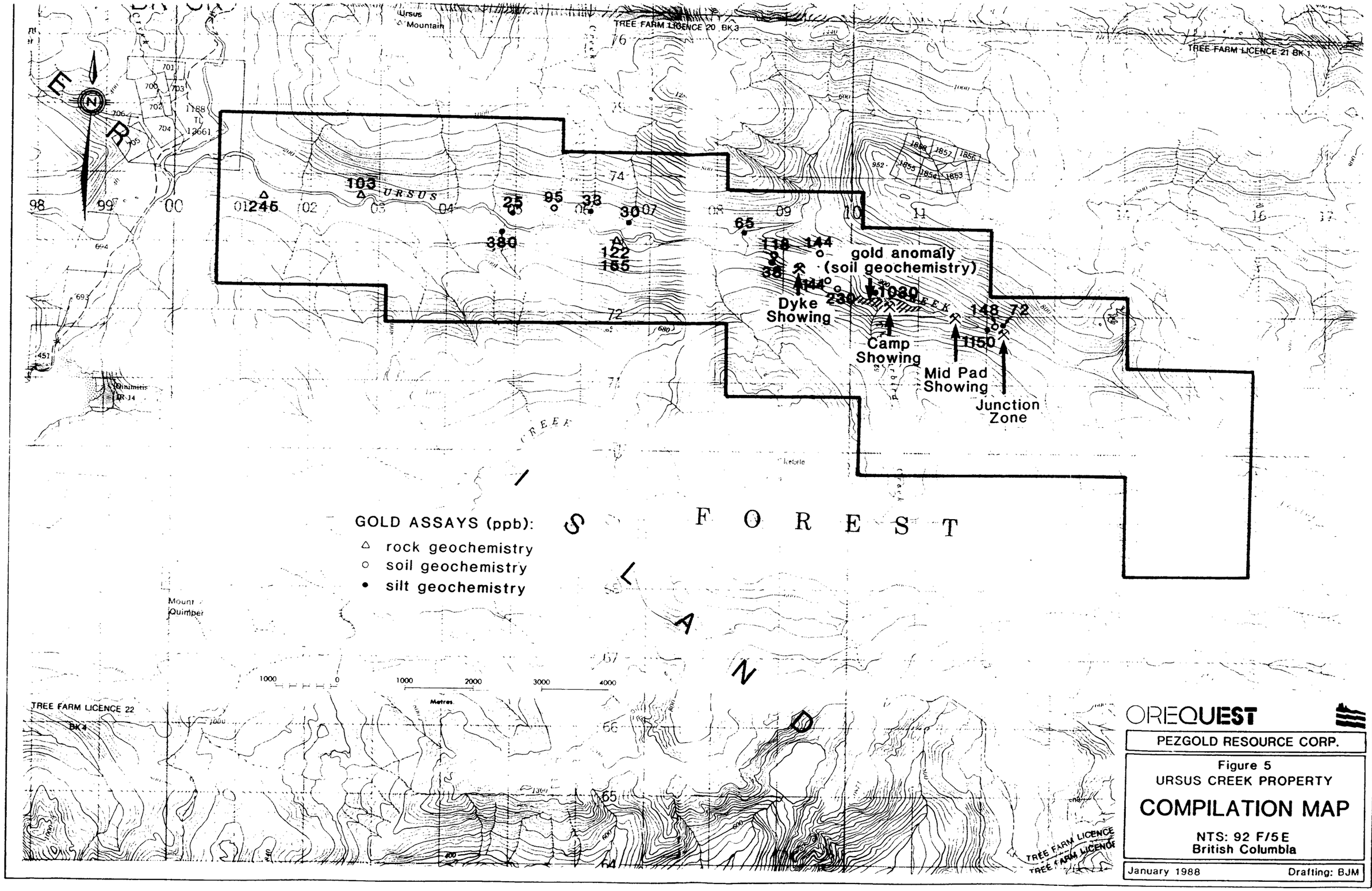


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Figure 5

URSUS CREEK PROPERTY

# COMPILATION MAP

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accompanied this event. Late shearing and syngenetic quartz veining occurred in the cataclastic zone with sericite and pyrite emplacement. Albitite dykes were also emplaced late in the system with associated feldspar alteration and very late carbonate-pyrite fracture fillings.

## PROSPECTING

Prospecting of the Ursus Creek property included exploration over the entire accessible claim area to determine the potential for new showings and more detailed prospecting in the Junction Zone to expand the known mineralization.

Three types of mineralized showings were found to occur on the Ursus claims. They include cataclastic zones, quartz veins and massive sulphide replacement pods in the volcanics.

Cataclastic zones were found to parallel Ursus Creek on both sides as far west as Thunderbird Creek and to occur along some of the feeder creeks such as Junction Creek. The zones are characterized by fine grained chlorite, sericite and quartz with local pyrite, granodiorite fragments and grey quartz fragments. West of Thunderbird Creek the geology changes from granodiorite to mafic volcanics. Rocks on the cliff parallel to Ursus Creek show enhanced chlorite, local pyrite and foliated texture indicating the cataclastic deformation extends to this area. Narrow quartz veinlets with minor sulphides and cockscomb texture cut the cataclastic zones. Assay values from these rocks range from 10 to 30 ppb gold for pyritic cataclastic zone material and as high as 0.057 oz/t gold where quartz veinlets are included.

The new quartz veins named the Elmer Veins were found at 500 m elevation 1.5 km east of the Junction Showing on the south side of Ursus Creek. The veins are 10 to 80 cm wide and were detected over a 300 m strike length open at both ends. They strike 060° and dip to the north approximately 65°. Sulphides in the veins include up to 20% pyrite, 10% galena and 5% sphalerite. The host rocks are granodiorites which have experienced chlorite and epidote alteration. Possible albitite dykes similar to those seen in the Junction Zone cut the granodiorite. The veins are very similar in strike orientation, mineralogy and intrusive association to both the Trophy veins and the Prosper veins which occur on the north side of the Ursus Creek fault. Gold values from the vein samples range from 20 ppb to 0.604 oz/t (Table 2).

**TABLE 2**

| Grab Sample No. | Vein Width (cm) | Gold ppb (oz/t) |
|---|---|---|
| 814 | float | (.047) |
| 815 | 50 | (.413) |
| 816 | nd | 30 |
| 817 | 2025 | (.033) |
| 818 | float | 230 |
| 819 | 8-9 | 305 |
| 820 | 2 | 20 |
| 821 | nd | (.363) |
| 822 | 30-80 | (.467) |
| 823 | 50-70 | (.055) |
| 824 | float | 470 |
| 926 | 30-50 | (.604) |

Float samples 812 was taken just below the Elmer Veins in Ursus Creek. This highly weathered pyritic intrusive was found to carry 0.417 oz/t gold.

Finally, massive sulphide mineralization was found to occur in pods 1 m by 1.5 m in the volcanics which are cut by dykes visually very similar to the albitite seen in the Junction Zone. Showings occur west of Thunderbird Creek above 200 m elevation. Gold values were very low but anomalous (Table 3).

**TABLE 3**

| Massive Sulphide Sample No. | Gold (ppb) |
|---|---|
| 872 | 210 |
| 832 | 340 |
| 907 | 40 |

In the Junction Zone cataclastic zones parallel both Ursus and Junction Creeks with 800 m and 1 km of known strike lengths respectively. They strike 104 to 116° and vary in width from 10 to 25 m. The cataclastic zone has been invaded by a multiphase quartz vein up to 56 cm wide. Post veining movement along the cataclastic zone is evidenced by varying orientation of the vein and local brecciation to form a zone of 1 cm sized quartz fragments healed by a chlorite-hematite matrix. The veins always occur in outcrop proximal to an albitite dyke.

Shorter cataclastic zones occur along the ridge between the two creeks. They form gullies 10 to 20 m wide striking 130 to 140°, offset and cut off by perpendicular faulting.

The gradational boundary of the cataclastic zone is marked by the Transition Zone which demonstrates granitic texture and numerous chlorite veinlets. Grab samples from these zones carried very low gold levels.

Grab samples of outcrop were taken from each of the localities in the Camp Zone where high gold values were found in the soil samples. Soil profiles were 15 to 30 cm deep. The rock assays were disappointing in comaprison to the soil anomalies (5-450 ppb gold) (Appendix A).

DRILLING

First phase drilling on the Junction Zone began in January of 1989 to test the cataclastic zone along Ursus Creek (Junction Zone) which carries up to 0.778 oz/t gold on surface and the Ridge Cataclastic zone. Surface mapping suggested the Junction Zone was vertical and striking 110°, with a second zone on the ridge striking 140°.

Diamond drilling was carried out by Rodger's Drilling of Vancouver, using a JKS 300 drill. The entire length of Hole PGU-89-1 was split and sent for assay. Thereafter only zones enhanced in pyrite and/or chlorite-sericite were sent to the lab. Samples were analyzed at Vangeochem Labs in Vancouver by the ICP method for 28 elements and geochemically for gold by fire assay with an AA finish. Samples with gold values greater than 1000 ppb were re-assayed using a 1 assay ton sample size for oz/t values. The analytical results are located in Appendix B. Drill logs are included as Appendix E. The core is presently stored on the Ursus Creek property at drill location C.

The drill was set up at three locations, two in the creek and one on the ridge over a strike length of 230 m along the cataclastic zone. Drilling indicated the Junction Creek zone dips 72° north and maintains a 8 to 17 m width to a depth of 145 m. The Ridge Zone was not intersected at depth in PGU-89-1. The Junction cataclastic zone is highly chloritic and sericitic with very fine grained quartz and locally up to 7% pyrite. A multiphase quartz vein cuts the cataclastic zone and is locally brecciated within the zone. Post veining movement along the zone and shearing are indicated. Descriptions of the individual holes are provided in the following paragraphs.

**TABLE 4**

| Hole No. | Location | Azimuth | Dip | Length (m) |
|---|---|---|---|---|
| PGU-89-1 | A | 200 | -45o | 115.6 |
| PGU-89-2 | A | 200 | -75o | 127.4 |
| PGU-89-3 | B | 020 | -45o | 198.4 |
| PGU-89-4 | B | 020 | -50o | 251.1 |
| PGU-89-5 | C | 020 | -60o | 91.4 |

DRILL HOLES PGU-89-1, 2

Drill holes PGU-89-1 and 2 were targeted at the western end of the cataclastic zone where the highest sample values were returned from the 1987 chip sampling program. They included 1330 ppb over 1.5 m and 3070 ppb over 2.2 m. Hole PGU 89-1 was continued beyond the Ursus Creek zone to test the down dip extent of the Ridge cataclastic zone. It was never intersected.

Figure 8 shows the Ursus Creek cataclastic zone was intersected below as much as 25 m of large river boulders. The zone is cut by a later anastomosing shear zone and albitite dykes. The albitite dykes are locally metal bearing and are commonly proximal to the more mineralized areas of the cataclastic zone. Table 5 lists the best intersections from holes PGU-89-1 to PGU-89-4. The higher grades in hole one are associated with a probable brecciated quartz vein. The shear zone in PGU-89-2 carries up to .381 oz/t gold in areas of 5 to 7% pyrite.

DRILL HOLES PGU-89-3, 4

These two holes were drilled from the ridge top 15 m back from the surface exposure of the Ridge cataclastic zone. The Junction cataclastic zone along Ursus Creek was intersected 90 m along strike from the PGU-89-1 intersection. A surface grab sample from the zone in this area assayed 1700 ppb gold. The cataclastic zone

was found to continue for a depth of 145 m. The highest values for gold occur in the late shear zone and quartz veins (1.057 oz/t over .4 m).

**TABLE 5**

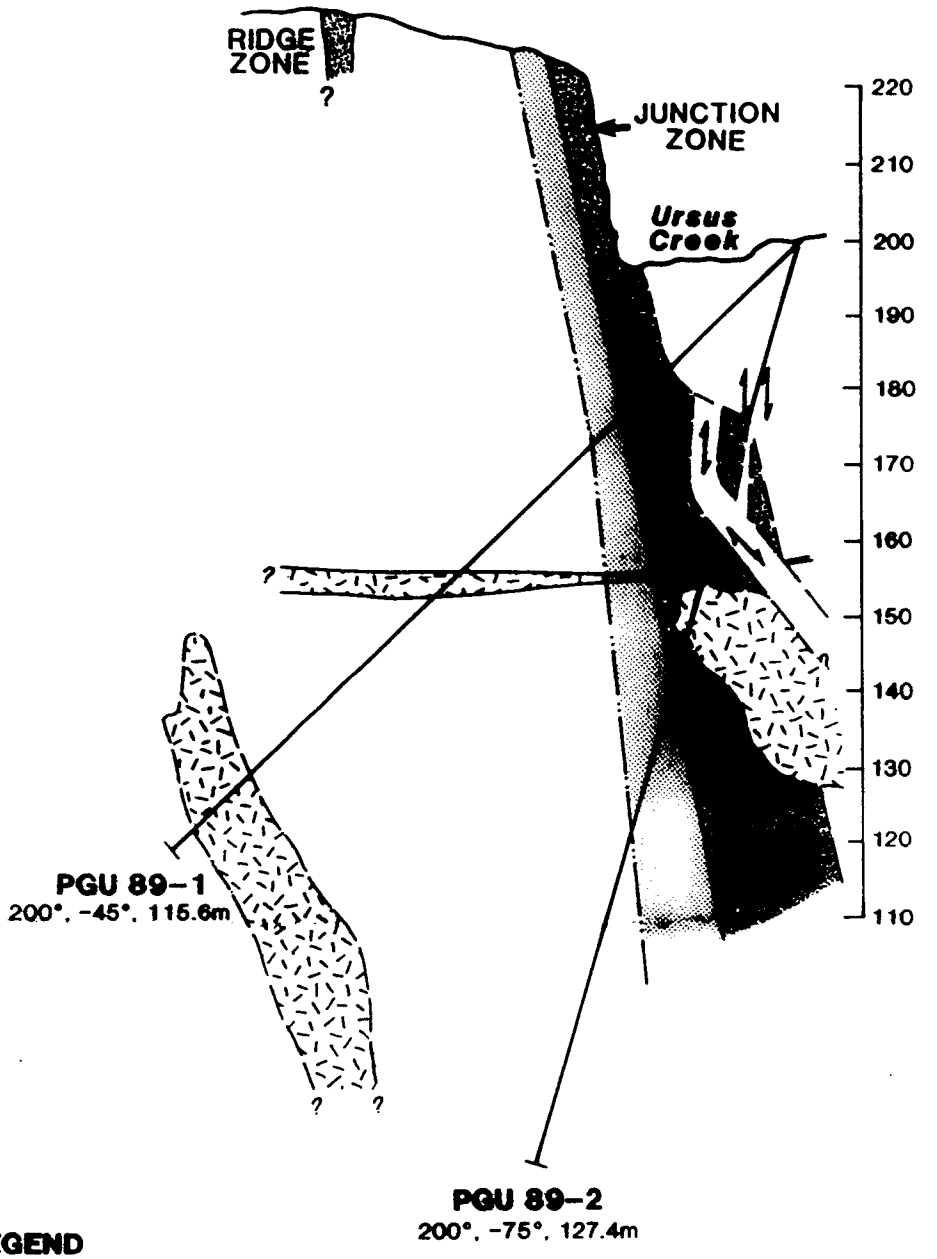
| Drill Hole | Sample No. | From | To | Length | Gold ppb (oz/t) | Geology |
|---|---|---|---|---|---|---|
| PGU-89-1 | 16518 | 25 | 26 | 1 | 4500 (0.130) | Cataclastic |
| | 16519 | 26 | 27 | 1 | 70 | cataclastic |
| | 16520 | 27 | 28 | 1 | 90 | Cataclastic |
| | 16521 | 28 | 29 | 1 | 1180 (0.041) | Cataclastic |
| | 16522 | 29 | 30 | 1 | 850 | Cataclastic |
| PGU-89-02 | 16614 | 37.7 | 38.7 | 1 | 180 | Shear Zone |
| | 16615 | 38.7 | 39.7 | 1 | 5650 (0.166) | Shear Zone |
| | 16616 | 39.7 | 40.4 | .7 | 12800 (0.381) | Shear Zone |
| | 16617 | 40.4 | 41.4 | 1 | 301 | Cataclastic Zone |
| | 16618 | 41.4 | 42.4 | 1 | 135 | Cataclastic Zone |
| | 16619 | 42.4 | 43.4 | 1 | 405 | Cataclastic Zone |
| PGU-89-03 | 1779 | 164.5 | 165.5 | 1.0 | 250 | Cataclastic Zone |
| | 1780 | 165.5 | 166.8 | 1.0 | 60 | Cataclastic Zone |
| | 1781 | 166.8 | 167.8 | 1.3 | 85 | Quartz Vein |
| | 1782 | 167.8 | 168.8 | 1.0 | 230 | Shear Zone |
| | 1783 | 168.8 | 169.8 | 1.0 | 10000 (0.452) | Shear Zone |
| | 1784 | 169.8 | 170.6 | .8 | 1180 (0.034) | Shear Zone |
| | 1785 | 170.6 | 171.6 | 1.0 | 220 | Shear Zone |
| | 1786 | 171.6 | 172.6 | 1.0 | 240 | Shear Zone |
| | 1787 | 172.6 | 174.1 | 1.5 | 120 | Shear Zone |
| PGU-89-04 | 16965 | 204.2 | 205.1 | .9 | 785 | Shear Zone |
| | 16966 | 205.1 | 205.5 | .4 | 10000 (1.057) | Quartz Vein |
| | 16967 | 205.5 | 206.4 | .9 | 80 | Shear Zone |

The Ridge Cataclastic Zone was anomalous with up to 200 ppb gold over 19.1 m. Areas of elevated pyrite content near the Ursus Creek Cataclastic Zone contain up to 750 ppb gold.

DRILL HOLE PGU-89-5

Drill hole five was located in the creek 220 m east south east of drill holes one and two. Gold values were consistently low in this hole (less than 120 ppb). Furthermore, no albitite dykes were intersected at this location.

VIEW LOOKING WNW




**LEGEND**

- Albitite
- Shear zone
- Cataclastic Zone
- Transition Zone
- Quartz diorite
- Shear orientation

Scale: 1:1,000

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Figure 8a

URSUS CREEK PROPERTY

DRILL SECTION FROM SETUP A

British Columbia
NTS: 92F/5E

March 1989 Drafting XY3

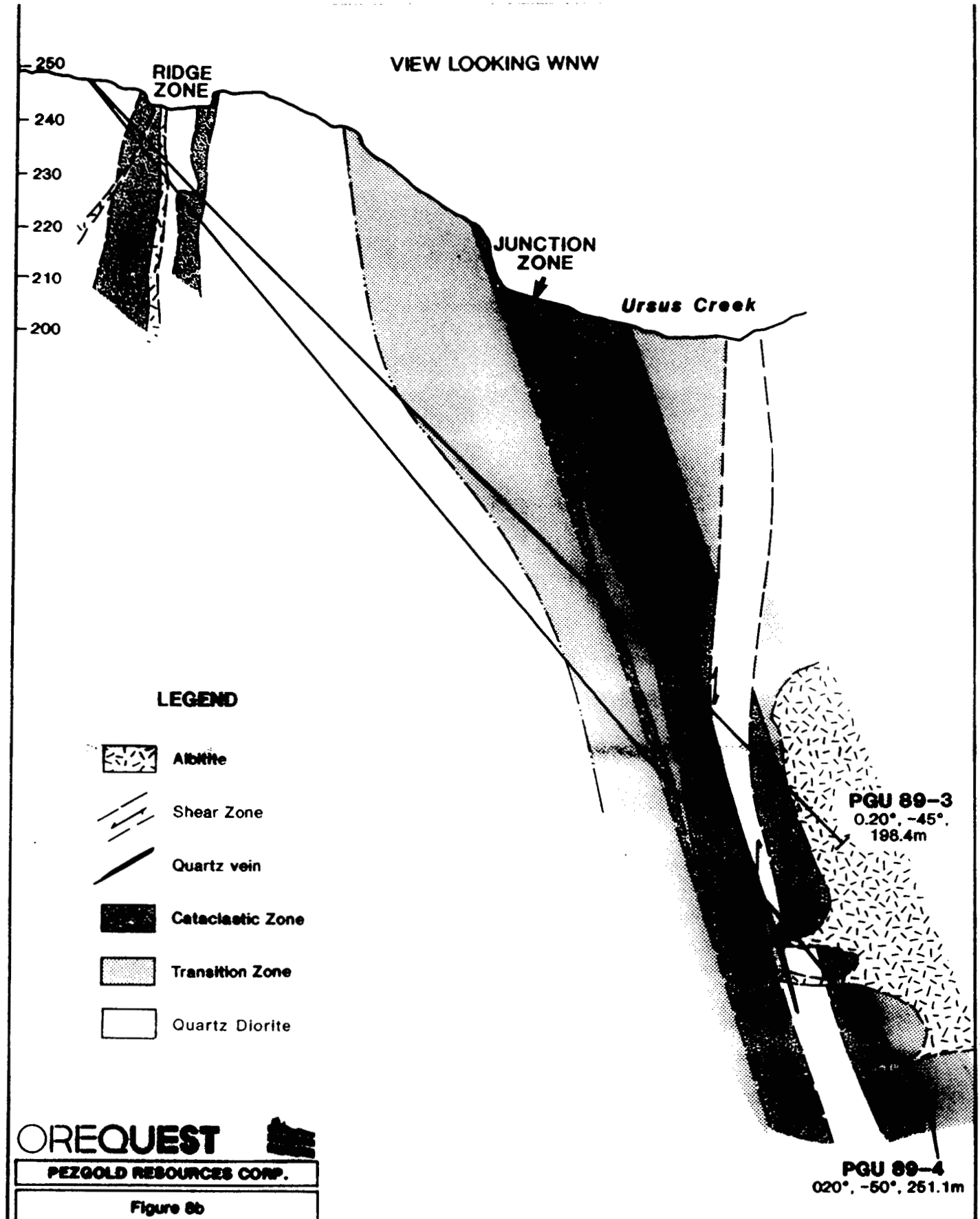


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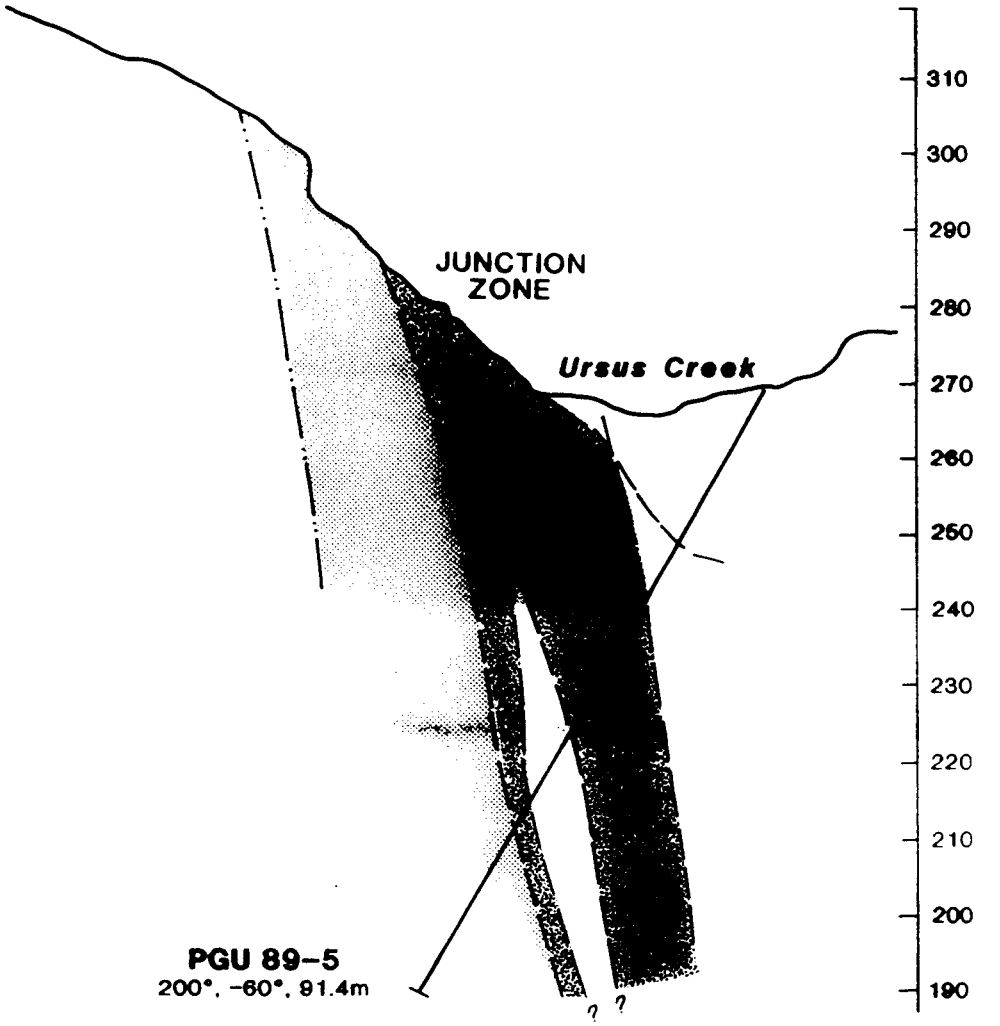
Figure 8b
URSUS CREEK PROPERTY
DRILL SECTION
FROM SETUP B
British Columbia
NTS: 92F/5E

March 1989 Drafting: XY3

VIEW LOOKING WNW




Scale: 1:1,000

**LEGEND**

- Cataclastic Zone
- Transition Zone
- Quartz Diorite

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Figure 8c

URSUS CREEK PROPERTY

DRILL SECTION
FROM SETUP C

British Columbia
NTS: 92F/5E

March 1989 Drafting: XY3

## CONCLUSIONS AND RECOMMENDATIONS

The Ursus Creek Cataclastic Zone occurs along the length of Ursus Creek. Gold mineralization, however, appears to be restricted to late shear zones and quartz veins within the zone as seen at the Junction Zone. The auriferous zones were found to occur in areas where albitite dykes and plugs have invaded the receptive host rocks. The elevated gold levels of some of the albitite dykes support the idea that it was a source rock to the gold mineralization. Similar intrusive rocks are found at the Elmer vein showing and near replacement magnetite-chalcopyrite, further supporting the importance of the albitite dykes to mineralization.

High gold values were intersected in four of the five drill holes in the Junction Zone. Mineralization is restricted to a 8-17 m wide cataclastic zone which dips 72$^{o}$N. A quartz vein 0.4 m wide ran 1.057 oz/t gold PGU-89-4 while shear zone material in PGU-89-2 and PGU-89-3 ran 0.254 oz/t gold over 1.7 m and 0.266 oz/t gold over 1.8 m resepctively

The intrusive phases near the Elmer Veins and replacement deposits west along Ursus Creek should be sampled and thin sectioned to determine if they are the same rock type as the albitites seen in the Junction Zone and possibly determine a very important control to mineralization.

**The Elmer veins are very similar to the Prosper Veins both in orientation and mineralogy. They occur across the Ursus Creek shear zone some 20 km to the east. It is possible that the Elmer Veins represent the displaced extension of the Prosper Veins.**

The Elmer Veins are a new discovery and to date have only been grab sampled at the limited points of exposure. A grid should be established to geologically map the area to determine how many veins are present, their dimensions, and the distribution of late intrusive phases including the area near Ursus Creek which assayed 0.417 oz/t gold. This altered intrusive phase may be very important as it suggests a large tonnage potential.

Trenching and chip sampling is then recommended to establish the grade potential of the veins.

Geologic mapping is also recommended for the Junction Zone to determine the distribution of albitite dykes as an aid to targeting second phase drilling. Drilling is recommended to extend the known lenght of the mineralized cataclastic zone. A smaller drilling rig may be necessary to allow for tight set ups on the north bank of Ursus Creek. Another set up on the ridge is also recommended to determine the downdip extent of mineralization.

## CERTIFICATE of QUALIFICATIONS

I, Kim Hudson, of 2225 Acadia Road, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1984) and hold a B.Sc. degree in geology.
2. I am a graduate of Queen's University (1988) and hold a M.Sc. in mineral exploration.
3. I am presently employed as a geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
4. I have been employed in my profession by various mining companies since 1981.
5. The information contained in this report was obtained from the materials listed in the bibliography.
6. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property nor in the securities of Prime Explorations Ltd.
7. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

K. Hudson

Kim Hudson
Geologist

DATED at Vancouver, British Columbia, this 15th day of March, 1989.

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# APPENDIX A

## ROCK GRAB SAMPLE DESCRIPTIONS

## ROCK GRAB SAMPLES DESCRIPTIONS

| Sample No. | Comments | Description | | | Au |
|---|---|---|---|---|---|
| 02751 | Junction Zone | Chloritic cataclastic hosted by granodiorite, tr py | | | 5 |
| 02752 | Junction Zone | Altered granodiorite, tr py | | | 20 |
| 02753 | Junction Zone | Altered, highly chloritic granodiorite, tr py (Transition Zone) | | | 15 |
| 02754 | Junction Zone | tr py, chloritic zone with numerous qtz frags to 3 mm | | | 10 |
| 02755 | Junction Zone | Cataclastic zone, 1% py (angular float sample) | | | 30 |
| 02756 | Junction Zone | Silicified granodiorite, 1% py | | | 20 |
| 02757 | Junction Zone | Silicified granodiorite, 1% py | | | 20 |
| 02758 | Junction Zone | Silicified granodiorite, 1% py | | | 15 |
| 02759 | Junction Zone | Chloritized granodiorite, 1% py, boxwork texture | | | 10 |
| 02760 | Junction Zone | Chloritic, siliceous dyke, 2% cubic py (up to 2 mm across) | | | 10 |
| 02761 | Junction Zone | Chloritized granodiorite, tr py | | | 25 |
| 02762 | Junction Zone Float | Chloritic cataclastic zone, tr py, granodiorite | | | 20 |
| 02763 | Junction Zone | Chloritic cataclastic zone with 10% qtz fragments, 1-2% py | | | 5 |
| 02764 | Junction Zone | Chloritic cataclastic zone, 10% qtz fragments, 1-2% py | | | 20 |
| 02765 | | Altered granodiorite, tr py (Transition zone) | | | 30 |
| 02766 | | Silicified granodiorite, tr py | | | 5 |
| 02767 | | Silicified, sericitic shear zone, 1-2% py | | | 20 |
| 02768 | | Possible brx vein healed with chl-hem, 1% py, cut by .5cm qtz vein | | | 40 |
| 02769 | | Possible brx vein healed with chl-hem, 1% py, cut by .5cm qtz vein | | | 40 |
| 02770 | | Granodiorite with small pod of chl-py | | | 25 |
| 02771 | | 1.5 cm wide qtz vein in granodiorite, 1% py | | | 110 |
| 02772 | | Granodiorite, silicified, 2% py disseminated | | | 30 |
| 02773 | | Mafic volcanic, tr py, weakly silicified | | | 20 |
| 02774 | Float | Mafic volcanic, 2% py, Angular | | | 20 |
| 02775 | Float | Mafic volcanic, 1-2% disseminated & veinlet py, qtz-calcite | | | 30 |
| *02776 | | Mottled chl-epid 1-2% py | | | 10 |
| *02777 | Float | Qtz vein, 2.5 cm wide, 3% py | | | 45 |
| 02781 | | Qtz diorite cut by sulph veinlets with epidote selvages | | | nd |
| 02782 | | Mafic volcanic, py veinlets, weakly silicified | | | 10 |
| 02783 | | Mafic volcanic, bleached, silicified, qtz veinlets with py selvages | | | 5 |
| 02784 | | Sheared, bleached, silicified, argillically altered, 3-5% py | | | 10 |
| 02785 | | Bleached, silicified, py veinlets | | | nd |
| 02786 | | Qtz-calcite vein in sheared volcanic, 1% py | | | 25 |
| 02787 | | Mafic volcanic, silicified, 3-5% py blebs | | | 40 |
| 02788 | | Bleached, silicified, foliated, 10% py | | | 20 |
| 02789 | Camp Zone | Qtz vein hosted by altered granodiorite, 2-5% cm wide, | L0+75E, | 0+50N | 200 |
| 02790 | Camp Zone | Qtz vein 3-4 cm wide wit bleached silicified wallrock, | L0+55E, | 0+40N | 130 |
| 02791 | Camp Zone | Highly limonitic granodiorite | L0+50E, | 0+50N | 30 |
| 02792 | Camp Zone | Qtz vein, 1.5 cm wide in silic-chl-arg altered granodi | L4+50E, | 0+80S | 10 |
| 02793 | Camp Zone | Qtz vein,vuggy,limonitic,2cm wide in arg grano-fol' | L4+00E, | 1+10S | 450 |
| 02794 | Camp Zone | Silicified granodiorite | L3+75E, | 0+10S | 30 |
| 02795 | Camp Zone | Limonitic qtz vein | L2+50E, | 0+10N | 70 |
| 02796 | Camp Zone | Silicified, chloritic-slickensides | L1+00E, | 1+00S | nd |
| 02797 | Camp Zone | Silicified, limonitic, foliated granodiorite, 1% py | L0+90E, | 1+00S | 5 |
| 02798 | Camp Zone | Silicified, limonitic, foliated granodiorite, 1% py | L0+90E, | 0+90S | 10 |
| 02799 | Camp Zone | Limonitic,silicified,argillic,alt't grano,3-5%$^3$ py | L0+25E, | BL00 | 400 |
| 02800 | Camp Zone | Silicified, bleached, pyritic (2%) | L0+25E, | BL0 | 30 |
| 02801 | Junction Zone | Chloritic cataclastic hosted by granodiorite | | | 20 |
| 02802 | Junction Zone | Chloritic cataclastic hosted by granodiorite | | | 20 |
| 02803 | Junction Zone | Transition zone to mylonite-chloritic veinlets | | | 10 |

| Sample No. | Comments | Description | Au |
|---|---|---|---|
| 02804 | Junction Zone | Fractured quartz vein | 475 |
| 02805 | Junction Zone | Highly oxidized granodiorite with minor pyritic quartz vein | 15 |
| 02806 | Junction Zone | Chloritic transition zone with minor pyrite | 5 |
| 02807 | Junction Zone | Transition zone to mylonite, minor pyrite, asp | nd |
| 02808 | Junction Zone | Cataclastic zone, chloritic, 5 mm qtz fragments | 10 |
| 02809 | Junction Zone | Chloritized granodiorite with quartz veins to 2 cm | 5 |
| 02810 | Float | Altered granodiorite, silicified, wisps of chl, limonitic | 5 |
| 02811 | | Aplite dyke, 40-50 cm wide hosted by granodiorite | 10 |
| 02812 | Float | Highly weathered intrusive | (.417) |
| 02813 | | Chloritic cataclastic zone | 60 |
| 02814 | Float | 8 cm thick quartz vein | (.047) |
| 02815 | Elmer Vein | Quartz vein 50 cm wide, asp, py (2-3%), +/- gal | (.413) |
| 02816 | Elmer Vein | Quartz vein with sulphides | 30 |
| 02817 | Elmer Vein | Quartz vein 20-25 cm wide, gal, py | (.033) |
| 02818 | Elmer Vein, Float | Quartz with py, gal-highly fractured | 230 |
| 02819 | Elmer Vein, Float | Quartz vein in altered granodiorite, 8-9 cm thick, py, asp, gal | 305 |
| 02820 | Elmer Vein, Float | Quartz vein 2 cm wide in altered granodiorite | 20 |
| 02821 | Elmer Vein, Float | Quartz vein with py, asp-multi phased | (.363) |
| 02822 | Elmer Vein, Float | Quartz vein 30-80 cm wide, py, asp, sphal, gal | (.467) |
| 02823 | Elmer Vein, Float | Quartz vein 50-70 cm wide, py, asp, gal | (.055) |
| 02824 | Elmer Vein, Float | Quartz vein, py-highly fractured, hematitic | 470 |
| 02825 | Float | Highly altered granodiorite | 35 |
| 02826 | | Silicified granodiorite - possible contact zone | 20 |
| 02827 | | Bleached and silicified granodiorite cut by qtz vein 2-20 cm wide | 25 |
| 02828 | | Qtz vein 8-15 cm wide, tr py | 20 |
| 02829 | | Qtz vein in altered intrusive, 4-6 cm wide, cockscomb texture | 50 |
| 02830 | | Highly pyritic mafic volcanics, foliated | 20 |
| 02831 | Float | Qtz vein 6 cm thick with sulphides | (.057) |
| 02832 | Float | Massive pyr, mag, py | 340 |
| 02833 | Float | Qtz vein, 12 cm wide, chloritic bands, py | (.044) |
| 02834 | | Mafic volcanic, qtz veinlets, py | 95 |
| 02835 | Float | Qtz rich in disseminated sulphides | 50 |
| 02836 | Float | Qtz with cpy | 200 |
| 02837 | Float | Qtz vein 25-30 cm wide, hem stain | 10 |
| 02838 | Float | Qtz vein 4-6 cm thick, pyritic | 20 |
| 02839 | | Qtz vein, hosted by mafic volcanic, 20-30 cm thick, vuggy | 60 |
| 02840 | | Brecciated qtz vein, 20 cm thick limonitic | 190 |
| 02841 | | Qtz vein, 15 cm wide | 90 |
| 02851 | Junction Zone, Float | Cataclastic zone, potassic alteration, <1% py | 10 |
| 02852 | Junction Zone | Cataclastic zone, <1% pyrite, tr asp | 15 |
| 02853 | Junction Zone | Cataclastic zone, highly chloritic, <1% pyrite | 15 |
| 02854 | Junction Zone | Silicified and chloritic granodiorite, tr py diss'd and in veinlets | 10 |
| 02855 | Junction Zone | Cataclastic zone, highly chloritic, tr py | 5 |
| 02856 | Junction Zone | Silicified and chloritic granodiorite, tr py | 10 |
| 02857 | Junction Zone | Cataclastic zone, tr and fspar fragment, <1% diss'd py | 10 |
| 02858 | Junction Zone | Cataclastic zone, weakly silicified, tr gal | 5 |
| 02859 | Junction Zone | Transition Zone, numerous chlorite veinlets in grano | 10 |
| 02860 | Junction Zone | Cataclastic zone, qtz fragments | 5 |
| 02861 | Junction Zone | Cataclastic zone, qtz frags, argillic alt'n, chl-biot, <1% py, tr asp | 10 |
| 02862 | Junction Zone | Cataclastic zone, qtz frags, crs biot, <1% py | 20 |
| 02863 | Junction Zone | Cataclastic zone, qtz frags with limonitic matrix, tr gal | 10 |

| Sample No. | Comments | Description | Au |
|---|---|---|---|
| 02864 | Junction Zone | Cataclastic zone, limonitic, qtz fragments, crs biot | 10 |
| 02865 | Junction Zone | Qtz with limonitic matrix, chloritic, tr gal, py | 15 |
| 02866 | Junction Zone | Cataclastic zone wit fragment qtz vein, 2% diss'd py, tr gal | 20 |
| 02867 | | Foliated mafic volcanic cut by qtz veinlets, tr py | 10 |
| 02868 | | Coarse grained granodiorite, <1% py, qtz veinlets | 20 |
| 02869 | | Alpite dyke | 10 |
| 02870 | | Chl-ep-fspar veinlets in mafic volc, diss's py | 20 |
| 02871 | | Mafic volc near qtz diorite contact, chl-ep alt'n, 1% py | nd |
| 02872 | Float | Mass sulf pod in qtz diorite, 15% py, 10% mag, chl-ep alt'n,net text. | 210 |
| 02873 | Junction Zone | Cataclastic zone, chl, ser, weakly silicified, tr py | 10 |
| 02874 | Junction Zone | Transition Zone, chloritic granodiorite, tr py, qtz frags | 25 |
| 02875 | Junction Zone | Multi ph qtz vn, 0.75m wide, tr py +/- asp, near qtz diorite plug | |
| 410 | | | |
| 02876 | Junction Zone | Cataclastic zone, silicified, 1% py | 10 |
| 02877 | Junction Zone | Cataclastic zone, 30-50% qtz fragments, 1% py | 10 |
| 02878 | Junction Zone | Cataclastic zone, with qtz fragments; 1% py | 5 |
| 02879 | | Granodiorite, argillic and chlorite alt'n, blue qtz frags, tr py | nd |
| 02880 | Float | Cataclastic zone, foliated, limonitic, cut by qtz veinlets | nd |
| 02881 | Float | Cataclastic zone, argillic alt's, silicified, limonitic, 10% py | 140 |
| 02882 | | Shear zone through granodiorite cut by qtz veinlets, <1% py | 10 |
| | | | |
| 02901 | | Highly chloritic mafic volcanic, fspar veinlets, tr py | 10 |
| 02902 | | Mafic volcanic with chlorite-epidote, blebs of py | nd |
| 02903 | Float | Mafic volcanic, 1% py | 10 |
| 02904 | Float | Mafic volcanic, bleached, sericitized, pods of qtz-py, 2-3% py | 15 |
| 02905 | | Silicified qtz diorite near mafic volc contact, 1% py | 20 |
| 02906 | | Mafic volc. with chl-ep alt'n, qtz-py veinlets | 20 |
| 02907 | | Massive sulphide pod 1 m x 1.5 m, within qtz diorite, 25% py 20% mag, chl | 40 |
| 02908 | | Qtz diorite host rock to sulphide pod | 10 |
| 02909 | Prosper Vein | Qtz vein 50 cm wide, 20% cubic py, cpy | (.381) |
| 02910 | | Hanging wall of qtz vein | 160 |
| 02911 | Prosper Vein | Qtz vein and footwall 1% py | (.036) |
| 02912 | | Mafic volcanic with amygdular epidote, chloritized, tr py | 35 |
| 02913 | Float | Chlorite qtz diorite, 1% py | 20 |
| 02914 | | Shear zone in granodiorite, 1% py | nd |
| 02915 | | Granodiorite, chlorite, limonitic, tr epidote, <1% py | 15 |
| 02916 | Float | Granodiorite cut by calcite-py veinlets, epidote-limonitic vein margins | 50 |
| 02917 | Float | Cataclastic zone wit qtz fragments, pyritic | 10 |
| 02918 | Float | Mafic volcanic, chloritic, calcitic, Mn stain, tr py | 10 |
| 02919 | Float | Silicified, bleached mafic volcanic | 5 |
| 02920 | | Qtz vein 2-6 cm thick, limonitic, vuggy | nd |
| 02921 | | Footwall of qtz vein (02920) chloritic mafic vol, foliated | 30 |
| 02922 | | Chloritic mafic volcanic py veinlets and blebs, 3% py, calcite stringers | 20 |
| 02923 | | Chloritic mafic volcanic 3-2% py blebs | 10 |
| 02924 | | Mafic volc, intensely silicified, 1-2% py | 20 |
| 02925 | | Altered granodiorite cut by qtz vein 4 cm thick | 20 |
| 02926 | Elmer Vein | Vuggy qtz vein, 30-50 cm wide, 8-9 m long, 15% py, <1% gal, <1% sphal limonitic, fragmented | (.604) |

# APPENDIX B

# PROSPECTING ASSAY RESULTS

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881872 GA  JOB NUMBER: 881872  OREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au ppb |
|---|---|
| 02751 | 5 |
| 02752 | 20 |
| 02753 | 15 |
| 02754 | 10 |
| 02755 | 30 |
| 02756 | 20 |
| 02757 | 20 |
| 02758 | 15 |
| 02759 | 10 |
| 02760 | 10 |
| 02761 | 25 |
| 02801 | 20 |
| 02802 | 20 |
| 02803 | 10 |
| 02804 | 475 |
| 02805 | 15 |
| 02806 | 5 |
| 02807 | nd |
| 02808 | 10 |
| 02809 | 5 |
| 02810 | 5 |
| 02811 | 10 |
| 02812 | > 10000 |
| 02813 | 60 |
| 02814 | 1350 |
| 02815 | >10000 |
| 02816 | 30 |
| 02817 | 1160 |
| 02818 | 230 |
| 02819 | 305 |
| 02820 | 20 |
| 02821 | >10000 |
| 02822 | >10000 |
| 02823 | 2090 |
| 02824 | 470 |
| 02851 | 10 |
| 02852 | 15 |
| 02853 | 15 |
| 02854 | 10 |
| DETECTION LIMIT | 5 |

nd = none detected  -- = not analysed  is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881872 GA JOB NUMBER: 881872 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au ppb |
|---|---|
| 02855 | 5 |
| 02856 | 10 |
| 02857 | 10 |
| 02858 | 5 |
| 02859 | 10 |
| 02860 | 5 |

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881872 AA JOB NUMBER: 881872 GREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au oz/st |
|---|---|
| 02812 | .417 |
| 02814 | .047 |
| 02815 | .413 |
| 02817 | .033 |
| 02821 | .363 |
| 02822 | .467 |
| 02823 | .055 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.00017 ppm = parts per million < = less than

signed: _____

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SW,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: OREQUEST
ATTENTION: L. LEBEL
PROJECT: URSUS CREEK

REPORT#: 881872PA
JOB#: 881872
INVOICE#: 881872NA

DATE RECEIVED: 88/12/12
DATE COMPLETED: 88/12/19
COPY SENT TO:

ANALYST



| SAMPLE NAME | AG PPM | AL % | AS PPM | AU PPM | BA PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | K % | MG % | MN PPM | MO PPM | NA % | NI PPM | P % | PB PPM | PD PPM | PT PPM | SB PPM | SN PPM | SR PPM | U PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02751 | 2.1 | 2.71 | 17 | ND | 49 | 23 | 1.17 | 3.1 | 28 | 36 | 67 | 4.23 | .31 | 2.61 | 1049 | 4 | .01 | 63 | .06 | 35 | ND | ND | 9 | 6 | 28 | ND | ND | 84 |
| 02752 | .1 | .88 | 10 | ND | 35 | ND | .54 | 1.6 | 8 | 40 | 14 | 1.99 | .14 | .53 | 511 | 2 | .05 | 20 | .04 | 18 | ND | ND | ND | 1 | 14 | ND | ND | 52 |
| 02753 | .1 | 1.04 | 10 | ND | 73 | ND | .79 | 1.2 | 6 | 24 | 8 | 1.55 | .16 | .55 | 413 | 2 | .04 | 13 | .04 | 16 | ND | ND | ND | 1 | 15 | ND | ND | 47 |
| 02754 | .1 | 1.55 | 9 | ND | 39 | ND | .36 | 1.2 | 9 | 59 | 11 | 2.42 | .13 | .90 | 433 | 3 | .03 | 100 | .04 | 19 | ND | ND | ND | 1 | 10 | ND | ND | 66 |
| 02755 | 1.2 | 3.01 | 12 | ND | 58 | 20 | .47 | 2.5 | 20 | 17 | 38 | 4.62 | .22 | 2.85 | 1359 | 3 | .01 | 13 | .09 | 31 | ND | ND | 11 | 5 | 19 | ND | ND | 104 |
| 02756 | .1 | 1.19 | 10 | ND | 54 | ND | .16 | 1.5 | 10 | .98 | 19 | 2.23 | .10 | .84 | 631 | 3 | .03 | 9 | .05 | 24 | ND | ND | ND | 1 | 7 | ND | ND | 74 |
| 02757 | .1 | 1.05 | 8 | ND | 42 | ND | .38 | 1.2 | 8 | 40 | 8 | 2.12 | .12 | .72 | 640 | 2 | .02 | 6 | .05 | 20 | ND | ND | ND | 1 | 15 | ND | ND | 78 |
| 02758 | .1 | 1.22 | 8 | ND | 72 | ND | 1.04 | 1.2 | 9 | 37 | 8 | 2.48 | .22 | .93 | 790 | 2 | .03 | 53 | .06 | 22 | ND | ND | ND | ND | 20 | ND | ND | 58 |
| 02759 | .1 | 1.01 | 7 | ND | 93 | ND | .20 | 1.1 | 8 | 31 | 8 | 2.15 | .10 | .72 | 574 | 1 | .03 | 7 | .06 | 18 | ND | ND | ND | 1 | 6 | ND | ND | 48 |
| 02760 | 1.2 | 2.41 | 8 | ND | 51 | 18 | .76 | 2.5 | 28 | 15 | 52 | 5.37 | .29 | 2.18 | 1179 | 2 | .01 | 4 | .07 | 27 | ND | ND | 9 | 3 | 18 | ND | ND | 112 |
| 02761 | .1 | 1.31 | 4 | ND | 76 | ND | .25 | 1.2 | 14 | 92 | 28 | 2.59 | .12 | .83 | 832 | 4 | .02 | 4 | .05 | 20 | ND | ND | ND | 1 | 7 | ND | ND | 55 |
| 02801 | .1 | 1.00 | 7 | ND | 52 | ND | .30 | .8 | 6 | 90 | 6 | 1.53 | .09 | .47 | 337 | 3 | .04 | 145 | .04 | 13 | ND | ND | ND | ND | 6 | ND | ND | 38 |
| 02802 | .1 | 1.03 | 6 | ND | 39 | ND | .30 | .6 | 5 | 40 | 4 | 1.58 | .09 | .58 | 501 | 1 | .04 | 10 | .04 | 15 | ND | ND | ND | ND | 11 | ND | ND | 40 |
| 02803 | .1 | .72 | 7 | ND | 58 | ND | .08 | .4 | 3 | 54 | 4 | 1.21 | .05 | .38 | 253 | 1 | .05 | 5 | .02 | 12 | ND | ND | ND | ND | 6 | ND | ND | 27 |
| 02804 | .1 | .39 | 44 | ND | 29 | ND | .10 | .5 | 3 | 148 | 4 | .98 | .04 | .16 | 289 | 5 | .05 | 5 | .02 | 14 | ND | ND | ND | ND | 4 | ND | ND | 18 |
| 02805 | .1 | .59 | 8 | ND | 42 | ND | .05 | .8 | 5 | 101 | 6 | 1.67 | .06 | .23 | 483 | 3 | .04 | 137 | .04 | 13 | ND | ND | ND | ND | 2 | ND | ND | 35 |
| 02806 | .1 | .96 | 5 | ND | 24 | ND | .18 | .6 | 4 | 107 | 3 | 1.67 | .08 | .53 | 311 | 2 | .05 | 10 | .02 | 14 | ND | ND | ND | ND | 7 | ND | ND | 38 |
| 02807 | .1 | 1.09 | 5 | ND | 37 | ND | .11 | .8 | 8 | 59 | 8 | 1.93 | .08 | .60 | 435 | 1 | .02 | 7 | .04 | 15 | ND | ND | ND | 1 | 6 | ND | ND | 55 |
| 02808 | .1 | 1.41 | 4 | ND | 36 | ND | .68 | 1.1 | 7 | 66 | 34 | 2.19 | .20 | .79 | 687 | 5 | .03 | 4 | .05 | 16 | ND | ND | ND | ND | 21 | ND | ND | 52 |
| 02809 | .1 | .52 | ND | ND | 2328 | ND | .07 | .5 | 5 | 126 | 4 | .86 | .04 | .24 | 195 | 4 | .03 | 169 | .02 | 9 | ND | ND | ND | ND | 78 | ND | ND | 20 |
| 02810 | .1 | .45 | ND | ND | 227 | ND | .54 | .6 | 2 | 64 | 14 | 1.10 | .11 | .13 | 441 | 2 | .06 | 54 | .03 | 12 | ND | ND | ND | ND | 13 | ND | ND | 22 |
| 02811 | .1 | .37 | ND | ND | 89 | ND | .08 | .3 | 2 | 40 | 7 | .54 | .03 | .11 | 195 | 1 | .06 | 29 | .01 | 10 | ND | ND | ND | ND | 5 | ND | ND | 11 |
| 02812 | .2 | .21 | 79 | 11 | 60 | ND | .05 | .8 | 5 | 226 | 16 | 1.57 | .06 | .04 | 595 | 9 | .01 | 20 | .01 | 211 | ND | ND | ND | ND | 2 | ND | ND | 12 |
| 02813 | .1 | 2.31 | 4 | ND | 56 | 5 | 1.20 | 1.7 | 14 | 46 | 15 | 3.47 | .28 | 1.64 | 728 | 2 | .01 | 50 | .06 | 38 | ND | ND | ND | ND | 25 | ND | ND | 71 |
| 02814 | .1 | .26 | 29 | ND | 27 | ND | .09 | .6 | 2 | 150 | 5 | 1.06 | .05 | .12 | 116 | 2 | .01 | 10 | .01 | 41 | ND | ND | ND | ND | 2 | ND | ND | 24 |
| 02815 | 1.5 | .24 | 154 | 13 | 37 | ND | .05 | .5 | 3 | 71 | 3 | 1.19 | .04 | .07 | 108 | 1 | .02 | 6 | .01 | 48 | ND | ND | ND | ND | 1 | ND | ND | 10 |
| 02816 | .1 | .46 | 17 | ND | 29 | ND | .12 | .4 | 3 | 63 | 12 | .78 | .04 | .20 | 168 | 10 | .04 | 88 | .01 | 15 | ND | ND | ND | 1 | 14 | ND | ND | 11 |
| 02817 | 1.7 | .10 | 34 | ND | 17 | ND | .02 | 4.5 | 2 | 105 | 4 | .38 | .03 | .03 | 78 | 3 | .01 | 17 | .01 | 997 | ND | ND | ND | ND | 2 | ND | ND | 128 |
| 02818 | .7 | .16 | 993 | ND | 24 | ND | .02 | 1.2 | 2 | 140 | 4 | .76 | .03 | .04 | 108 | 5 | .02 | 181 | .01 | 797 | ND | ND | ND | ND | 1 | ND | ND | 30 |
| 02819 | .1 | .14 | 1664 | ND | 36 | ND | .01 | .8 | 2 | 83 | 2 | .38 | .03 | .02 | 102 | 2 | .02 | 15 | .01 | 107 | ND | ND | ND | ND | 1 | ND | ND | 16 |
| 02820 | .1 | .78 | 186 | ND | 41 | ND | .05 | .6 | 5 | 132 | 12 | 1.42 | .05 | .34 | 484 | 5 | .03 | 10 | .03 | 60 | ND | ND | ND | ND | 3 | ND | ND | 33 |
| 02821 | 1.9 | .19 | 8009 | 10 | 42 | ND | .06 | 7.9 | 4 | 142 | 4 | 1.67 | .06 | .05 | 232 | 4 | .01 | 189 | .01 | 663 | ND | ND | ND | ND | 4 | ND | ND | 304 |
| 02822 | 3.6 | .21 | 7392 | 13 | 38 | ND | .15 | 21.2 | 3 | 122 | 5 | 1.58 | .07 | .07 | 212 | 2 | .01 | 16 | .02 | 1490 | ND | ND | ND | ND | 5 | ND | ND | 1033 |
| 02823 | .5 | .19 | 4493 | 3 | 33 | ND | .11 | 4.1 | 3 | 96 | 3 | 1.23 | .05 | .05 | 226 | 1 | .01 | 10 | .01 | 258 | ND | ND | ND | ND | 3 | ND | ND | 190 |
| 02824 | .1 | .16 | 1425 | ND | 23 | ND | .01 | 2.1 | 1 | 278 | 3 | .81 | .03 | .01 | 65 | 2 | .02 | 8 | .01 | 111 | ND | ND | ND | ND | 1 | ND | ND | 62 |
| 02851 | .2 | .87 | 399 | ND | 66 | ND | .23 | 1.2 | 5 | 97 | 4 | 1.59 | .08 | .54 | 431 | 3 | .04 | 121 | .04 | 57 | ND | ND | ND | ND | 9 | ND | ND | 66 |
| 02852 | .1 | .52 | 220 | ND | 25 | ND | .04 | .8 | 5 | 129 | 3 | 1.76 | .06 | .18 | 261 | 3 | .03 | 11 | .04 | 40 | ND | ND | ND | ND | 3 | ND | ND | 49 |
| 02853 | .2 | 3.38 | 114 | ND | 27 | 21 | .52 | 2.9 | 25 | 43 | 49 | 5.58 | .27 | 2.80 | 1512 | 2 | .01 | 14 | .07 | 44 | ND | ND | 19 | ND | 10 | ND | ND | 111 |
| 02854 | .1 | 1.23 | 74 | ND | 41 | ND | .14 | 1.1 | 7 | 192 | 7 | 2.08 | .09 | .67 | 514 | 1 | .03 | 7 | .04 | 26 | ND | ND | ND | ND | 6 | ND | ND | 46 |
| DETECTION LIMIT | .1 | .01 | 3 | 3 | 1 | 3 | .01 | .1 | 1 | 1 | 1 | .01 | .01 | .01 | 1 | 1 | .01 | 1 | .01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |

CLIENT: OPEQUEST JOB#: 881872 PROJECT: URSUS CREEK REPORT: 881872PA



| SAMPLE NAME | AG PPM | AL % | AS PPM | AU PPM | BA PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | K % | [illegible] % | MN PPM | MO PPM | NA % | NI PPM | P % | PB PPM | PD PPM | PT PPM | SB PPM | SN PPM | SR PPM | U PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02855 | .2 | 1.71 | 11 | ND | 19 | ND | .11 | 2.1 | 12 | 55 | 10 | 2.62 | .10 | 1.27 | 441 | 2 | .02 | 97 | .04 | 26 | ND | ND | ND | 2 | 5 | ND | ND | 61 |
| 02856 | .1 | .86 | 117 | ND | 45 | ND | .24 | 1.3 | 5 | 85 | 7 | 1.58 | .08 | .40 | 333 | 1 | .10 | 20 | .04 | 19 | ND | ND | ND | 1 | 6 | ND | ND | 42 |
| 02857 | .1 | .94 | 23 | ND | 25 | ND | .13 | 1.1 | 6 | 57 | 6 | 1.76 | .08 | .55 | 393 | ND | .16 | 14 | .04 | 18 | ND | ND | ND | 1 | 6 | ND | ND | 40 |
| 02858 | .1 | 1.20 | 15 | ND | 57 | ND | .58 | 1.1 | 4 | 152 | 5 | 1.74 | .14 | .45 | 630 | 5 | .12 | 11 | .04 | 22 | ND | ND | ND | 1 | 40 | ND | ND | 28 |
| 02859 | .1 | 1.47 | 13 | ND | 20 | ND | .17 | 1.3 | 8 | 76 | 5 | 2.51 | .11 | .79 | 398 | 2 | .20 | 77 | .07 | 21 | ND | ND | ND | 1 | 7 | ND | ND | 46 |
| 02860 | .1 | 1.25 | 12 | ND | 24 | ND | .17 | .8 | 6 | 100 | 3 | 1.89 | .09 | .67 | 403 | 1 | .28 | 9 | .05 | 19 | ND | ND | ND | 1 | 9 | ND | ND | 47 |
| DETECTION LIMIT | .1 | .01 | 3 | 3 | 1 | 3 | .01 | .1 | 1 | 1 | 1 | .01 | .01 | .01 | 1 | 1 | .01 | 1 | .01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881895 GA  JOB NUMBER: 881895  OREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au ppb |
|---|---|
| 02781 | nd |
| 02782 | 10 |
| 02783 | 5 |
| 02784 | 10 |
| 02785 | nd |
| 02786 | 25 |
| 02787 | 40 |
| 02788 | 20 |
| 02789 | 200 |
| 02790 | 130 |
| 02791 | 30 |
| 02792 | 10 |
| 02793 | 450 |
| 02794 | 30 |
| 02795 | 70 |
| 02796 | nd |
| 02797 | 5 |
| 02798 | 10 |
| 02799 | 400 |
| 02800 | 30 |
| 02879 | nd |
| 02880 | nd |
| 02881 | 140 |
| 02882 | 10 |
| 02918 | 10 |
| 02919 | 5 |
| 02920 | nd |
| 02921 | 30 |
| 02922 | 20 |
| 02923 | 10 |
| 02924 | 20 |
| 02925 | 20 |
| 02926 | >10000 |

DETECTION LIMIT 5
nd = none detected  -- = not analysed  is = insufficient sample

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BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881895 AA JOB NUMBER: 881895 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au oz/st |
|---|---|
| 02926 | .614 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

# VANGEOCHEM LAB LIMITED

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BRANCH OFFICE: 1630 Pandora Street, Vancouver, B.C. V5L 1L6 Ph:(604)251-7282 Fax:(604)254-5717


## ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to $HNO_3$ to $H_2O$ at 95 °C for 90 minutes and is diluted to 10 ml with water.
IS = Insufficient Sample, ND = Not Detected, - = Not Analyzed

REPORT #: 881895 PA | DREQUEST | Proj: URSUS CREEK | Date In: 88/12/20 | Date Out:88/01/04 | Att: K HUBSON | VGC ICP REPORT | Page 1 of 1

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 02781 | 0.5 | 1.16 | 16 | <3 | 13 | <3 | 0.65 | 0.6 | 45 | 71 | 152 | 3.20 | 0.20 | 0.56 | 237 | 3 | 0.02 | 17 | 0.12 | 28 | <3 | <5 | <2 | 5 | 79 | <5 | <3 | 31 |
| 02782 | 0.5 | 2.20 | 11 | <3 | 16 | 3 | 0.73 | 1.2 | 40 | 150 | 167 | 4.09 | 0.25 | 2.08 | 619 | 2 | 0.02 | 67 | 0.06 | 24 | <3 | <5 | <2 | 11 | 46 | <5 | <3 | 48 |
| 02783 | 0.6 | 2.97 | <3 | <3 | 7 | <3 | 1.45 | 1.2 | 33 | 61 | 111 | 4.25 | 0.32 | 1.52 | 610 | 2 | 0.02 | 19 | 0.13 | 17 | <3 | <5 | <2 | 7 | 40 | <5 | <3 | 74 |
| 02784 | 0.5 | 2.91 | <3 | <3 | 14 | <3 | 1.95 | 0.8 | 34 | 99 | 31 | 4.40 | 0.43 | 1.04 | 321 | 3 | 0.02 | 6 | 0.15 | 16 | <3 | <5 | <2 | 4 | 93 | <5 | <3 | 32 |
| 02785 | 0.6 | 2.25 | 10 | <3 | 5 | <3 | 1.01 | 0.6 | 19 | 56 | 25 | 4.12 | 0.29 | 1.51 | 459 | 2 | 0.02 | 5 | 0.16 | 19 | <3 | <5 | <2 | 6 | 97 | <5 | <3 | 38 |
| 02786 | 0.7 | 1.18 | 7 | <3 | 24 | <3 | 2.67 | 0.3 | 17 | 171 | 286 | 3.25 | 0.45 | 0.78 | 352 | 6 | 0.02 | 18 | 0.04 | 23 | <3 | <5 | <2 | 2 | 26 | <5 | <3 | 31 |
| 02787 | 1.9 | 2.50 | 44 | <3 | 10 | 4 | 0.44 | 1.8 | 68 | 79 | 1745 | 7.24 | 0.32 | 1.72 | 662 | 8 | 0.01 | 10 | 0.05 | 42 | <3 | <5 | <2 | 5 | 40 | <5 | <3 | 63 |
| 02788 | 0.9 | 2.27 | 31 | <3 | 24 | <3 | 0.14 | 1.5 | 37 | 112 | 454 | 4.75 | 0.17 | 1.64 | 366 | 6 | 0.01 | 19 | 0.07 | 39 | <3 | <5 | <2 | 2 | 6 | <5 | <3 | 50 |
| 02789 | 0.1 | 0.60 | 14 | <3 | 40 | <3 | 0.06 | 0.1 | 7 | 110 | 71 | 1.39 | 0.06 | 0.24 | 148 | 3 | 0.04 | 5 | 0.03 | 27 | <3 | <5 | <2 | 2 | 2 | <5 | <3 | 20 |
| 02790 | 0.1 | 0.27 | 7 | <3 | 20 | <3 | 0.02 | 0.1 | 4 | 183 | 31 | 0.81 | 0.03 | 0.07 | 99 | 6 | 0.04 | 7 | 0.01 | 24 | <3 | <5 | <2 | 2 | 1 | <5 | <3 | 11 |
| 02791 | 0.1 | 0.36 | 14 | <3 | 40 | <3 | 0.03 | 0.1 | 5 | 82 | 17 | 1.48 | 0.06 | 0.05 | 230 | 3 | 0.05 | 4 | 0.04 | 29 | <3 | <5 | <2 | 2 | 1 | <5 | <3 | 14 |
| 02792 | 0.2 | 0.56 | 11 | <3 | 29 | <3 | 0.03 | 0.1 | 5 | 170 | 13 | 1.12 | 0.04 | 0.26 | 386 | 5 | 0.05 | 6 | 0.03 | 29 | <3 | <5 | <2 | 3 | 2 | <5 | <3 | 28 |
| 02793 | 0.2 | 0.40 | 12 | <3 | 19 | <3 | 0.03 | 0.1 | 5 | 56 | 25 | 0.89 | 0.01 | 0.16 | 97 | 2 | 0.05 | 5 | 0.02 | 31 | <3 | <5 | <2 | 2 | 1 | <5 | <3 | 18 |
| 02794 | 0.2 | 0.53 | 17 | <3 | 29 | <3 | 0.03 | 0.1 | 6 | 61 | 9 | 1.45 | 0.06 | 0.26 | 212 | 3 | 0.05 | 60 | 0.03 | 36 | <3 | <5 | <2 | 3 | 1 | <5 | <3 | 30 |
| 02795 | 0.1 | 0.41 | <3 | <3 | 27 | <3 | 0.04 | 0.1 | 5 | 100 | 11 | 1.08 | 0.04 | 0.04 | 63 | 2 | 0.02 | 27 | 0.01 | 19 | <3 | <5 | <2 | <2 | 3 | <5 | <3 | 18 |
| 02796 | 0.3 | 1.25 | 6 | <3 | 29 | <3 | 0.32 | 0.5 | 7 | 50 | 5 | 2.06 | 0.12 | 0.75 | 283 | 2 | 0.03 | 10 | 0.05 | 19 | <3 | <5 | <2 | 2 | 10 | <5 | <3 | 32 |
| 02797 | 0.4 | 1.31 | 15 | <3 | 20 | <3 | 0.83 | 0.6 | 8 | 119 | 7 | 2.88 | 0.20 | 0.78 | 340 | 5 | 0.03 | 8 | 0.07 | 24 | <3 | <5 | <2 | 2 | 16 | <5 | <3 | 40 |
| 02798 | 0.5 | 0.94 | <3 | <3 | 13 | <3 | 1.60 | 0.2 | 7 | 69 | 5 | 2.09 | 0.28 | 0.64 | 414 | 3 | 0.03 | 70 | 0.05 | 20 | <3 | <5 | <2 | <2 | 26 | <5 | <3 | 25 |
| 02799 | 0.1 | 0.44 | <3 | <3 | 99 | <3 | 0.28 | 0.1 | 6 | 77 | 6 | 2.27 | 0.12 | 0.08 | 327 | 1 | 0.03 | 8 | 0.04 | 18 | <3 | <5 | <2 | <2 | 7 | <5 | <3 | 16 |
| 02800 | 0.2 | 0.54 | <3 | <3 | 54 | <3 | 1.33 | 0.1 | 5 | 32 | 5 | 1.45 | 0.22 | 0.15 | 541 | <1 | 0.03 | 4 | 0.04 | 16 | <3 | <5 | <2 | <2 | 25 | <5 | <3 | 27 |
| 02879 | 0.3 | 0.91 | <3 | <3 | 95 | <3 | 0.13 | 0.2 | 6 | 59 | 11 | 1.85 | 0.08 | 0.41 | 268 | 2 | 0.02 | 114 | 0.05 | 24 | <3 | <5 | <2 | 2 | 3 | <5 | <3 | 31 |
| 02880 | 0.1 | 1.29 | 5 | <3 | 68 | <3 | 0.07 | 0.1 | 6 | 89 | 15 | 1.77 | 0.07 | 0.41 | 410 | 4 | 0.02 | 18 | 0.04 | 20 | <3 | <5 | <2 | <2 | 2 | <5 | <3 | 48 |
| 02881 | 0.4 | 0.40 | 3 | <3 | 67 | <3 | 0.04 | 0.1 | 1 | 72 | 24 | 1.00 | 0.04 | 0.04 | 51 | 2 | 0.03 | 9 | 0.01 | 14 | <3 | <5 | <2 | <2 | 4 | <5 | <3 | 7 |
| 02882 | 0.2 | 0.34 | <3 | <3 | 90 | <3 | 0.83 | 0.1 | 2 | 72 | 5 | 1.20 | 0.15 | 0.17 | 704 | 1 | 0.02 | 6 | 0.03 | 14 | <3 | <5 | <2 | <2 | 14 | <5 | <3 | 18 |
| 02918 | 0.6 | 2.58 | 44 | <3 | 12 | 3 | 0.93 | 0.8 | 24 | 132 | 118 | 3.25 | 0.24 | 2.32 | 566 | 3 | 0.03 | 103 | 0.05 | 27 | <3 | <5 | <2 | 6 | 9 | <5 | <3 | 56 |
| 02919 | 0.2 | 1.13 | 7 | <3 | 21 | <3 | 0.32 | 0.2 | 7 | 131 | 21 | 1.64 | 0.10 | 0.61 | 380 | 5 | 0.03 | 11 | 0.04 | 20 | <3 | <5 | <2 | 4 | 42 | <5 | <3 | 39 |
| 02920 | 0.1 | 0.78 | <3 | <3 | 48 | <3 | 0.08 | 0.1 | 4 | 80 | 9 | 1.01 | 0.05 | 0.26 | 257 | 3 | 0.01 | 7 | 0.02 | 15 | <3 | <5 | <2 | 2 | 3 | <5 | <3 | 18 |
| 02921 | 0.3 | 3.12 | 24 | <3 | 14 | <3 | 1.25 | 0.6 | 30 | 232 | 31 | 2.58 | 0.30 | 2.70 | 557 | 1 | 0.01 | 194 | 0.03 | 19 | <3 | <5 | <2 | 3 | 60 | <5 | <3 | 52 |
| 02922 | 0.5 | 2.45 | 12 | <3 | 5 | <3 | 1.08 | 1.8 | 28 | 226 | 800 | 5.55 | 0.40 | 2.45 | 495 | 2 | 0.02 | 156 | 0.02 | 24 | <3 | <5 | <2 | 3 | 98 | <5 | <3 | 43 |
| 02923 | 0.9 | 2.29 | 20 | <3 | 3 | 4 | 1.54 | 1.2 | 38 | 74 | 695 | 4.75 | 0.41 | 2.11 | 512 | 2 | 0.02 | 53 | 0.06 | 28 | <3 | <5 | <2 | 14 | 102 | <5 | <3 | 57 |
| 02924 | 0.1 | 1.39 | <3 | <3 | 43 | <3 | 1.45 | 0.1 | 9 | 42 | 51 | 1.87 | 0.30 | 0.73 | 629 | 3 | 0.02 | 47 | 0.05 | 23 | <3 | <5 | <2 | 2 | 74 | <5 | <3 | 35 |
| 02925 | 0.1 | 0.97 | <3 | <3 | 46 | <3 | 0.20 | 0.1 | 7 | 38 | 21 | 1.58 | 0.07 | 0.54 | 507 | 1 | 0.02 | 7 | 0.04 | 22 | <3 | <5 | <2 | 3 | 13 | <5 | <3 | 37 |
| 02926 | 2.7 | 0.10 | 123 | 17 | 6 | <3 | 0.04 | 20.7 | 3 | 139 | 17 | 0.78 | 0.01 | 0.05 | 91 | 4 | 0.01 | 155 | 0.01 | 893 | <3 | <5 | <2 | 2 | 3 | <5 | <3 | 572 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

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BRANCH OFFICES
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881886 GA JOB NUMBER: 881886 **OREQUEST CONSULTANTS LTD.** 

| SAMPLE # | Au ppb |
|---|---|
| 2762 | 20 |
| 2763 | 5 |
| 2764 | 20 |
| 2765 | 30 |
| 2766 | 5 |
| 2767 | 20 |
| 2768 | 40 |
| 2769 | 40 |
| 2770 | 25 |
| 2771 | 110 |
| 2772 | 30 |
| 2773 | 20 |
| 2774 | 20 |
| 2775 | 30 |
| 2776 | 10 |
| 2777 | 45 |
| 2825 | 35 |
| 2826 | 20 |
| 2827 | 25 |
| 2828 | 20 |
| 2829 | 50 |
| 2830 | 20 |
| 2831 | 1850 |
| 2832 | 340 |
| 2833 | 1320 |
| 2834 | 95 |
| 2835 | 50 |
| 2836 | 200 |
| 2837 | 10 |
| 2838 | 20 |
| 2839 | 60 |
| 2840 | 190 |
| 2841 | 90 |
| 2861 | 10 |
| 2862 | 20 |
| 2863 | 10 |
| 2864 | 10 |
| 2865 | 15 |
| 2866 | 20 |
| DETECTION LIMIT | 5 |

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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BATHURST, N.B.
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 881886 GA JOB NUMBER: 881886 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au ppb |
|---|---|
| 2867 | 10 |
| 2868 | 20 |
| 2869 | 10 |
| 2870 | 20 |
| 2871 | nd |
| 2872 | 210 |
| 2873 | 10 |
| 2874 | 25 |
| 2875 | 410 |
| 2876 | 10 |
| 2877 | 10 |
| 2878 | 5 |
| 2901 | 10 |
| 2902 | nd |
| 2903 | 10 |
| 2904 | 15 |
| 2905 | 20 |
| 2906 | 20 |
| 2907 | 40 |
| 2908 | 10 |
| 2909 | > 10000 |
| 2910 | 160 |
| 2911 | 1240 |
| 2912 | 35 |
| 2913 | 20 |
| 2914 | nd |
| 2915 | 15 |
| 2916 | 50 |
| 2917 | 10 |
| SS 01 | 10 |
| SS 02 | nd |
| SS 03 | 25 |

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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BRANCH OFFICES
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 881886 AA JOB NUMBER: 881886 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au oz/st |
|---|---|
| 2831 | .057 |
| 2833 | .044 |
| 2909 | .381 |
| 2911 | .036 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH:(604)251-5656 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH:(604)251-7282 FAX:(604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: OREQUEST
ATTENTION: K HUDSON
PROJECT: URSUS CREEK

REPORT#: 881886 PA
JOB#: 881886
INVOICE#: 881886 NA

DATE RECEIVED: 88/12/16
DATE COMPLETED: 88/01/04
COPY SENT TO:

ANALYST



| SAMPLE NAME | AG PPM | AL % | AS PPM | AU PPM | BA PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | K % | MG % | MN PPM | MO PPM | NA % | NI PPM | P % | PB PPM | PD PPM | PT PPM | SB PPM | SN PPM | SR PPM | U PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2762 | 1.2 | 3.00 | 27 | ND | 90 | ND | 2.12 | 2.2 | 22 | 30 | 75 | 4.33 | .44 | 2.72 | 1264 | 3 | .01 | 54 | .06 | 61 | ND | ND | ND | 2 | 48 | ND | ND | 136 |
| 2763 | .5 | 1.06 | ND | ND | 63 | ND | 1.91 | .6 | 7 | 26 | 11 | 1.91 | .32 | .75 | 566 | 2 | .02 | 9 | .04 | 22 | ND | ND | ND | 1 | 19 | ND | ND | 55 |
| 2764 | .4 | 1.22 | ND | ND | 98 | ND | .77 | .4 | 8 | 56 | 7 | 1.92 | .17 | .73 | 1195 | 3 | .03 | 70 | .04 | 18 | ND | ND | ND | 1 | 11 | ND | ND | 59 |
| 2765 | .3 | 1.12 | 3 | ND | 66 | ND | .14 | .4 | 7 | 51 | 5 | 2.27 | .10 | .64 | 705 | 3 | .01 | 8 | .04 | 18 | ND | ND | ND | 1 | 4 | ND | ND | 50 |
| 2766 | .4 | 1.37 | 5 | ND | 44 | ND | 1.12 | .4 | 7 | 141 | 10 | 2.27 | .22 | 1.03 | 684 | 5 | .03 | 6 | .05 | 17 | ND | ND | ND | 1 | 16 | ND | ND | 59 |
| 2767 | .8 | .73 | ND | ND | 66 | ND | 4.95 | .1 | 4 | 36 | 5 | 1.36 | .69 | .24 | 521 | 2 | .04 | 1 | .03 | 18 | ND | ND | ND | 1 | 92 | ND | ND | 11 |
| 2768 | .5 | .71 | 23 | ND | 42 | ND | .70 | .1 | 5 | 147 | 6 | 1.61 | .15 | .38 | 529 | 5 | .04 | 3 | .04 | 17 | ND | ND | ND | 1 | 23 | ND | ND | 39 |
| 2769 | .3 | .59 | 70 | ND | 46 | ND | .93 | .1 | 5 | 87 | 6 | 1.61 | .17 | .27 | 581 | 2 | .04 | 2 | .05 | 14 | ND | ND | ND | 1 | 22 | ND | ND | 41 |
| 2770 | .5 | 2.16 | 29 | ND | 17 | ND | .34 | 1.2 | 15 | 62 | 9 | 3.62 | .17 | 1.95 | 676 | 3 | .03 | 75 | .10 | 23 | ND | ND | ND | 5 | 13 | ND | ND | 37 |
| 2771 | .1 | .56 | 27 | ND | 39 | ND | .11 | .3 | 5 | 54 | 5 | 1.64 | .07 | .30 | 557 | 2 | .03 | 5 | .04 | 17 | ND | ND | ND | 2 | 3 | ND | ND | 68 |
| 2772 | .2 | .55 | 8 | ND | 43 | ND | .85 | .1 | 6 | 137 | 5 | 1.61 | .17 | .44 | 434 | 5 | .05 | 5 | .04 | 20 | ND | ND | ND | 2 | 18 | ND | ND | 33 |
| 2773 | .4 | 1.31 | 17 | ND | 11 | ND | .81 | .6 | 12 | 53 | 27 | 2.49 | .19 | .85 | 352 | 3 | .05 | 57 | .10 | 26 | ND | ND | ND | 8 | 15 | ND | ND | 32 |
| 2774 | .4 | 1.27 | 4 | ND | 6 | ND | .64 | .2 | 19 | 53 | 56 | 2.79 | .17 | .93 | 351 | 2 | .04 | 12 | .11 | 11 | ND | ND | ND | 8 | 34 | ND | ND | 34 |
| 2775 | .6 | 2.04 | 34 | ND | 7 | 3 | 1.11 | 1.1 | 37 | 135 | 164 | 4.22 | .29 | 1.87 | 628 | 3 | .02 | 49 | .07 | 17 | ND | ND | ND | 11 | 12 | ND | ND | 56 |
| 2776 | .4 | 1.45 | 6 | ND | 4 | ND | 1.18 | .6 | 23 | 65 | 32 | 2.62 | .25 | 1.18 | 303 | 2 | .02 | 32 | .04 | 14 | ND | ND | ND | 11 | 32 | ND | ND | 17 |
| 2777 | 1.5 | 3.04 | 41 | ND | 8 | 5 | 5.77 | 1.9 | 45 | 202 | 129 | 6.00 | .96 | 1.87 | 689 | 3 | .04 | 99 | .08 | 27 | ND | ND | ND | 21 | 46 | ND | ND | 48 |
| 2825 | .8 | 4.42 | 17 | ND | 12 | ND | 3.16 | .9 | 21 | 54 | 52 | 4.08 | .56 | 1.20 | 620 | 3 | .03 | 11 | .10 | 19 | ND | ND | ND | 9 | 16 | ND | ND | 59 |
| 2826 | .4 | 2.40 | ND | ND | 12 | ND | 1.92 | .1 | 9 | 163 | 45 | 1.43 | .30 | .46 | 255 | 4 | .03 | 9 | .02 | 13 | ND | ND | ND | 4 | 13 | ND | ND | 19 |
| 2827 | .6 | 2.95 | 7 | ND | 14 | ND | 1.87 | .3 | 16 | 114 | 52 | 2.33 | .32 | 1.02 | 424 | 3 | .03 | 86 | .03 | 12 | ND | ND | ND | 5 | 10 | ND | ND | 44 |
| 2828 | .3 | 1.35 | ND | ND | 14 | ND | .93 | .1 | 4 | 105 | 20 | .83 | .15 | .27 | 165 | 2 | .03 | 9 | .01 | 10 | ND | ND | ND | 2 | 7 | ND | ND | 10 |
| 2829 | .1 | .16 | ND | ND | 8 | ND | .10 | .1 | 2 | 121 | 13 | .46 | .03 | .07 | 75 | 2 | .01 | 39 | .01 | 4 | ND | ND | ND | 1 | 1 | ND | ND | 5 |
| 2830 | 1.2 | 6.84 | 53 | ND | 4 | 8 | .51 | 3.5 | 55 | 74 | 129 | 12.74 | .53 | 4.07 | 1535 | 4 | .01 | 75 | .10 | 25 | ND | ND | ND | 7 | 55 | ND | ND | 123 |
| 2831 | .2 | .61 | 398 | ND | 19 | ND | .05 | .1 | 16 | 152 | 28 | 2.54 | .08 | .34 | 151 | 6 | .01 | 156 | .01 | 12 | ND | ND | ND | 3 | 3 | ND | ND | 13 |
| 2832 | 5.9 | .69 | 142 | ND | 6 | 6 | .50 | 5.1 | 119 | 27 | 23742 | 16.26 | .64 | .39 | 359 | 5 | .01 | 433 | .07 | 19 | ND | ND | ND | 5 | 18 | ND | ND | 132 |
| 2833 | .8 | .71 | 45 | ND | 20 | ND | 8.19 | .1 | 11 | 89 | 1018 | 2.02 | 1.16 | .70 | 769 | 3 | .03 | 43 | .02 | 30 | ND | ND | ND | 2 | 336 | ND | ND | 27 |
| 2834 | .6 | 2.17 | 33 | ND | 16 | ND | 1.16 | 1.1 | 29 | 47 | 378 | 4.45 | .30 | 1.03 | 713 | 3 | .03 | 55 | .12 | 29 | ND | ND | ND | 9 | 42 | ND | ND | 83 |
| 2835 | 1.6 | .88 | 13 | ND | 18 | ND | .73 | .3 | 20 | 157 | 157 | 2.42 | .17 | .15 | 175 | 6 | .05 | 9 | .06 | 27 | ND | ND | ND | 6 | 69 | ND | ND | 6 |
| 2836 | 7.6 | .52 | 10 | ND | 18 | ND | .08 | .3 | 8 | 70 | 2856 | 1.66 | .07 | .26 | 102 | 3 | .03 | 7 | .01 | 23 | ND | ND | ND | 3 | 6 | ND | ND | 27 |
| 2837 | .1 | .08 | ND | ND | 2 | ND | .07 | .1 | 3 | 172 | 191 | .52 | .02 | .04 | 53 | 3 | .03 | 4 | .01 | 13 | ND | ND | ND | 2 | 3 | ND | ND | 1 |
| 2838 | .2 | .80 | 21 | ND | 4 | ND | .08 | .6 | 21 | 253 | 98 | 2.29 | .08 | .78 | 163 | 7 | .03 | 24 | .01 | 24 | ND | ND | ND | 6 | 2 | ND | ND | 19 |
| 2839 | .6 | 1.60 | 28 | ND | 2 | ND | .15 | .8 | 16 | 133 | 60 | 2.83 | .12 | 1.70 | 338 | 3 | .03 | 34 | .02 | 31 | ND | ND | ND | 8 | 12 | ND | ND | 32 |
| 2840 | .5 | 1.41 | 90 | ND | 1 | ND | .14 | 1.2 | 27 | 169 | 47 | 3.42 | .14 | 1.07 | 267 | 4 | .04 | 31 | .03 | 34 | ND | ND | ND | 10 | 8 | ND | ND | 28 |
| 2841 | .3 | .88 | ND | ND | 1 | ND | .45 | .1 | 10 | 103 | 35 | 1.16 | .10 | .59 | 215 | 3 | .02 | 86 | .02 | 10 | ND | ND | ND | 8 | 7 | ND | ND | 14 |
| 2861 | .4 | .70 | ND | ND | 23 | ND | .05 | .1 | 5 | 172 | 11 | 1.31 | .05 | .20 | 253 | 5 | .03 | 7 | .03 | 14 | ND | ND | ND | 2 | 2 | ND | ND | 20 |
| 2862 | .3 | .89 | ND | ND | 29 | ND | .07 | .1 | 5 | 66 | 8 | 1.58 | .06 | .49 | 542 | 2 | .03 | 2 | .04 | 9 | ND | ND | ND | 2 | 3 | ND | ND | 37 |
| 2863 | .2 | .73 | ND | ND | 24 | ND | .44 | .1 | 5 | 65 | 9 | 1.73 | .12 | .44 | 646 | 3 | .03 | 3 | .04 | 10 | ND | ND | ND | 2 | 10 | ND | ND | 47 |
| 2864 | .1 | .78 | ND | ND | 25 | ND | .68 | .1 | 6 | 71 | 10 | 1.70 | .15 | .41 | 375 | 3 | .03 | 69 | .04 | 9 | ND | ND | ND | 2 | 10 | ND | ND | 46 |
| 2865 | .2 | .56 | ND | ND | 22 | ND | .07 | .1 | 5 | 78 | 5 | 1.53 | .06 | .13 | 326 | 2 | .04 | 4 | .04 | 10 | ND | ND | ND | 1 | 2 | ND | ND | 33 |
| 2866 | .1 | .81 | ND | ND | 25 | ND | .93 | .1 | 6 | 41 | 5 | 1.96 | .19 | .49 | 503 | 2 | .03 | 2 | .04 | 8 | ND | ND | ND | 1 | 16 | ND | ND | 51 |
| DETECTION LIMIT | .1 | .01 | 3 | 3 | 1 | 3 | .01 | .1 | 1 | 1 | 1 | .01 | .01 | .1 | 1 | 1 | .01 | 1 | .01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |

CLIENT: GREQUEST JOB#: 881886 PROJECT: URSUS CREEK REPORT: 881886 PA



| SAMPLE NAME | AG PPM | AL % | AS PPM | AU PPM | BA PPM | BI PPM | CA % | CD PPM | CO PPM | CR PPM | CU PPM | FE % | K % | MG % | MN PPM | MO PPM | NA % | NI PPM | P % | PB PPM | PD PPM | PT PPM | SB PPM | SN PPM | SR PPM | U PPM | W PPM | ZN PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2867 | .5 | 2.50 | 36 | ND | 6 | ND | .68 | 1.7 | 25 | 48 | 64 | 4.22 | .24 | 1.58 | 769 | 4 | .02 | 16 | .08 | 26 | ND | ND | ND | 10 | 19 | ND | ND | 95 |
| 2868 | .4 | 3.39 | 20 | ND | 9 | ND | 1.38 | .8 | 25 | 123 | 45 | 2.84 | .28 | 2.49 | 527 | 3 | .01 | 114 | .04 | 18 | ND | ND | ND | 5 | 12 | ND | ND | 47 |
| 2869 | .1 | .89 | 3 | ND | 27 | ND | .36 | .1 | 9 | 167 | 18 | 1.23 | .08 | .46 | 258 | 4 | .04 | 19 | .03 | 16 | ND | ND | ND | 4 | 24 | ND | ND | 26 |
| 2870 | .6 | 2.06 | 23 | ND | 7 | 3 | .96 | .8 | 33 | 110 | 192 | 4.14 | .27 | 1.41 | 546 | 3 | .05 | 49 | .08 | 25 | ND | ND | ND | 16 | 19 | ND | ND | 46 |
| 2871 | .5 | 2.52 | 27 | ND | 17 | ND | .65 | 1.2 | 26 | 32 | 101 | 4.54 | .25 | 1.67 | 789 | 3 | .02 | 10 | .11 | 25 | ND | ND | ND | 10 | 33 | ND | ND | 92 |
| 2872 | 5.5 | .45 | 126 | ND | 16 | 8 | .51 | 4.8 | 147 | 22 | 10888 | 19.67 | .77 | .22 | 149 | 14 | .01 | 94 | .10 | 40 | ND | ND | ND | 10 | 37 | ND | ND | 58 |
| 2873 | .3 | 1.33 | 15 | ND | 55 | ND | .12 | .3 | 19 | 71 | 713 | 3.12 | .13 | .91 | 455 | 3 | .02 | 70 | .06 | 22 | ND | ND | ND | 2 | 8 | ND | ND | 47 |
| 2874 | .1 | .89 | 3 | ND | 73 | ND | .11 | .1 | 8 | 155 | 200 | 2.00 | .08 | .53 | 313 | 6 | .03 | 8 | .04 | 16 | ND | ND | ND | 1 | 6 | ND | ND | 38 |
| 2875 | .1 | .44 | ND | ND | 40 | ND | .12 | .1 | 5 | 128 | 105 | .93 | .05 | .20 | 347 | 3 | .02 | 131 | .01 | 13 | ND | ND | ND | ND | 5 | ND | ND | 15 |
| 2876 | .1 | 1.08 | ND | ND | 51 | ND | .48 | .1 | 7 | 145 | 59 | 1.85 | .13 | .68 | 571 | 5 | .03 | 10 | .05 | 16 | ND | ND | ND | 1 | 8 | ND | ND | 45 |
| 2877 | .1 | .93 | ND | ND | 109 | ND | .16 | .1 | 6 | 68 | 36 | 1.39 | .07 | .46 | 354 | 3 | .04 | 96 | .04 | 16 | ND | ND | ND | 1 | 4 | ND | ND | 49 |
| 2878 | .6 | 2.67 | 34 | ND | 31 | 3 | .52 | 1.2 | 25 | 54 | 72 | 4.66 | .24 | 2.20 | 1091 | 3 | .02 | 13 | .08 | 27 | ND | ND | ND | 10 | 18 | ND | ND | 81 |
| 2901 | .5 | 2.90 | 31 | ND | 8 | ND | 1.35 | .6 | 29 | 114 | 65 | 3.47 | .30 | 2.16 | 665 | 2 | .03 | 50 | .07 | 24 | ND | ND | ND | 9 | 26 | ND | ND | 64 |
| 2902 | .8 | 3.04 | 39 | ND | 6 | 4 | 1.11 | 1.5 | 38 | 129 | 180 | 6.37 | .38 | 2.17 | 541 | 4 | .02 | 45 | .05 | 33 | ND | ND | ND | 17 | 142 | ND | ND | 75 |
| 2903 | .6 | 2.97 | 32 | ND | 5 | 3 | .66 | 1.7 | 24 | 24 | 185 | 5.99 | .30 | 2.18 | 689 | 3 | .02 | 40 | .19 | 29 | ND | ND | ND | 11 | 29 | ND | ND | 112 |
| 2904 | .6 | 3.50 | 40 | ND | 4 | 3 | 1.68 | 1.2 | 29 | 33 | 86 | 4.51 | .38 | 2.56 | 709 | 3 | .03 | 19 | .11 | 27 | ND | ND | ND | 10 | 23 | ND | ND | 80 |
| 2905 | .5 | 2.92 | 24 | ND | 15 | ND | 1.27 | .6 | 16 | 101 | 41 | 3.57 | .29 | 1.45 | 557 | 4 | .03 | 9 | .08 | 24 | ND | ND | ND | 7 | 19 | ND | ND | 64 |
| 2906 | .6 | 3.54 | 37 | ND | 13 | 3 | 1.35 | 1.5 | 27 | 24 | 69 | 4.92 | .34 | 2.45 | 860 | 3 | .03 | 34 | .11 | 28 | ND | ND | ND | 10 | 19 | ND | ND | 71 |
| 2907 | 1.5 | 1.67 | 82 | ND | 5 | 10 | .41 | 5.1 | 33 | 57 | 1448 | 22.18 | .85 | 1.04 | 489 | 6 | .01 | 44 | .04 | 44 | ND | ND | ND | 12 | 16 | ND | ND | 102 |
| 2908 | .3 | 1.45 | 19 | ND | 6 | ND | .94 | .6 | 17 | 19 | 124 | 3.35 | .24 | .80 | 378 | 2 | .04 | 10 | .30 | 21 | ND | ND | ND | 8 | 32 | ND | ND | 42 |
| 2909 | 55.1 | .45 | 80 | 12 | 13 | ND | .93 | 5.5 | 23 | 229 | 10403 | 3.34 | .24 | .56 | 530 | 9 | .01 | 57 | .01 | 188 | ND | ND | ND | 2 | 42 | ND | ND | 65 |
| 2910 | 1.7 | 4.22 | 50 | ND | 11 | 4 | .17 | 2.9 | 48 | 188 | 740 | 7.11 | .28 | 4.83 | 1039 | 4 | .01 | 127 | .05 | 47 | ND | ND | ND | 3 | 8 | ND | ND | 85 |
| 2911 | 1.2 | 3.70 | 94 | ND | 19 | 3 | 1.97 | 6.5 | 49 | 149 | 341 | 6.79 | .51 | 3.67 | 995 | 4 | .01 | 101 | .05 | 94 | ND | ND | ND | 2 | 107 | ND | ND | 230 |
| 2912 | .6 | 1.77 | 29 | ND | 4 | ND | 1.00 | 1.1 | 31 | 83 | 184 | 3.06 | .24 | 1.46 | 490 | 3 | .04 | 42 | .08 | 32 | ND | ND | ND | 17 | 51 | ND | ND | 40 |
| 2913 | .8 | 3.49 | 37 | ND | 39 | 3 | 1.10 | 1.7 | 30 | 60 | 110 | 4.92 | .32 | 2.52 | 1008 | 3 | .02 | 18 | .07 | 30 | ND | ND | ND | 10 | 39 | ND | ND | 93 |
| 2914 | .4 | 1.18 | ND | ND | 43 | ND | .17 | .1 | 8 | 127 | 47 | 1.98 | .08 | .61 | 704 | 4 | .03 | 5 | .05 | 22 | ND | ND | ND | 2 | 8 | ND | ND | 59 |
| 2915 | .1 | .93 | 14 | ND | 70 | ND | .12 | .1 | 7 | 106 | 20 | 1.45 | .07 | .56 | 412 | 2 | .04 | 11 | .03 | 15 | ND | ND | ND | 1 | 4 | ND | ND | 29 |
| 2916 | .8 | 2.41 | 349 | ND | 49 | ND | 1.12 | 1.2 | 19 | 49 | 44 | 4.91 | .32 | 1.56 | 985 | 3 | .01 | 7 | .08 | 31 | ND | ND | ND | 2 | 16 | ND | ND | 118 |
| 2917 | .1 | 1.14 | 27 | ND | 37 | ND | .39 | .1 | 6 | 87 | 3 | 1.77 | .11 | .64 | 359 | 2 | .04 | 2 | .04 | 18 | ND | ND | ND | 1 | 8 | ND | ND | 32 |
| SS 01 | .8 | 6.35 | 90 | ND | 86 | ND | .34 | 1.7 | 20 | 9 | 12 | 4.62 | .22 | .16 | 4573 | 3 | .01 | 2 | .07 | 39 | ND | ND | ND | ND | 23 | ND | ND | 168 |
| SS 02 | .5 | 5.45 | 55 | ND | 39 | ND | 1.11 | 10.6 | 47 | 15 | 58 | 1.98 | .22 | .16 | 3719 | 2 | .02 | 12 | .07 | 17 | ND | ND | ND | 1 | 27 | ND | ND | 138 |
| SS 03 | .3 | 3.52 | 41 | ND | 54 | ND | .64 | 2.5 | 20 | 19 | 76 | 3.54 | .20 | .93 | 954 | 2 | .01 | 10 | .08 | 25 | ND | ND | ND | 6 | 31 | ND | ND | 111 |
| DETECTION LIMIT | .1 | .01 | 3 | 3 | 1 | 3 | .01 | .1 | 1 | 1 | 1 | .01 | .01 | .01 | 1 | 1 | .01 | 1 | .01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |

# APPENDIX C

## DRILLING ASSAY RESULTS

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890034 GA  JOB NUMBER: 890034  OREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au ppb |
|---|---|
| 16501 | nd |
| 16502 | nd |
| 16503 | 5 |
| 16504 | nd |
| 16505 | nd |
| 16506 | nd |
| 16507 | nd |
| 16508 | nd |
| 16509 | nd |
| 16510 | nd |
| 16511 | nd |
| 16512 | nd |
| 16513 | nd |
| 16514 | nd |
| 16515 | 5 |
| 16516 | 5 |
| 16517 | 5 |
| 16518 | 4500 |
| 16519 | 70 |
| 16520 | 90 |
| 16521 | 1180 |
| 16522 | 850 |
| 16523 | 40 |
| 16524 | 30 |
| 16525 | 10 |
| 16526 | 15 |
| 16527 | 10 |
| 16528 | 20 |
| 16529 | 20 |
| 16530 | 40 |
| 16531 | 55 |
| 16532 | 30 |
| 16533 | 30 |
| 16534 | 20 |
| 16535 | 50 |
| 16536 | 5 |
| 16537 | nd |
| 16538 | 10 |
| 16539 | 5 |
| DETECTION LIMIT | 5 |

nd = none detected  -- = not analysed  is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16540 | 20 |
| 16541 | 10 |
| 16542 | 20 |
| 16543 | 25 |
| 16544 | 20 |
| 16545 | nd |
| 16546 | 10 |
| 16547 | 5 |
| 16548 | 15 |
| 16549 | nd |
| 16550 | nd |
| 16551 | nd |
| 16552 | 10 |
| 16553 | 25 |
| 16554 | 30 |
| 16555 | 10 |
| 16556 | 10 |
| 16557 | 5 |
| 16558 | 20 |
| 16559 | 15 |
| 16560 | 20 |
| 16561 | 15 |
| 16562 | 5 |
| 16563 | 35 |
| 16564 | 10 |
| 16565 | nd |
| 16566 | 30 |
| 16567 | 10 |
| 16568 | 10 |
| 16569 | 30 |
| 16570 | 20 |
| 16571 | 30 |
| 16572 | 20 |
| 16573 | 5 |
| 16574 | 10 |
| 16575 | 50 |
| 16576 | 10 |
| 16577 | 10 |
| 16578 | 5 |
| DETECTION LIMIT | 5 |

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16579 | 30 |
| 16580 | 20 |
| 16581 | 20 |
| 16582 | 20 |
| 16583 | 10 |
| 16584 | 15 |
| 16585 | 10 |

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890034 AA JOB NUMBER: 890034 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au oz/st |
|---|---|
| 16518 | .130 |
| 16521 | .041 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 Triumph Street, Vancouver, B.C. V5L 1K5 Ph:(604)251-5656 Fax:(604)254-5717
BRANCH OFFICE: 1630 Pandora Street, Vancouver, B.C. V5L 1L6 Ph:(604)251-7282 Telex: 04-352578

# ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to $HNO_3$ to $H_2O$ at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Pd, Pt, Sn, Sr and W.
IS = Insufficient Sample, ND = Not Detected, - = Not Analyzed

REPORT #: 890034 PA | OREQUEST | Proj: URSUS CREEK | Date In: 89/01/19 | Date Out:89/01/24 | Att: D MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16501 | 0.5 | 1.76 | 19 | <3 | 90 | <3 | 0.88 | 0.7 | 13 | 124 | 45 | 2.55 | 0.21 | 1.09 | 462 | 7 | 0.02 | 15 | 0.05 | 26 | <3 | <5 | <2 | 6 | 27 | <5 | <3 | 47 |
| 16502 | 0.4 | 1.44 | 6 | <3 | 72 | <3 | 0.67 | 0.3 | 10 | 69 | 16 | 2.43 | 0.17 | 1.01 | 548 | 2 | 0.02 | 6 | 0.05 | 23 | <3 | <5 | <2 | 5 | 18 | <5 | <3 | 52 |
| 16503 | 0.1 | 1.75 | 6 | <3 | 72 | <3 | 0.68 | 0.5 | 12 | 124 | 20 | 2.54 | 0.18 | 1.25 | 692 | 5 | 0.02 | 7 | 0.05 | 23 | <3 | <5 | <2 | 4 | 21 | <5 | <3 | 77 |
| 16504 | 0.6 | 1.72 | <3 | <3 | 42 | <3 | 0.89 | 0.3 | 10 | 75 | 29 | 2.53 | 0.23 | 1.00 | 481 | 2 | 0.03 | 4 | 0.06 | 21 | <3 | <5 | <2 | 5 | 30 | <5 | <3 | 48 |
| 16505 | 0.4 | 1.51 | <3 | <3 | 59 | <3 | 0.79 | 0.1 | 9 | 145 | 24 | 2.37 | 0.21 | 0.88 | 518 | 4 | 0.03 | 5 | 0.05 | 21 | <3 | <5 | <2 | 4 | 22 | <5 | <3 | 54 |
| 16506 | 0.5 | 2.34 | <3 | <3 | 39 | 3 | 0.93 | 0.9 | 20 | 63 | 56 | 3.64 | 0.27 | 1.95 | 761 | 2 | 0.02 | 8 | 0.07 | 28 | <3 | <5 | <2 | 9 | 32 | <5 | <3 | 78 |
| 16507 | 0.1 | 1.05 | <3 | <3 | 44 | <3 | 0.56 | 0.1 | 5 | 150 | 7 | 1.66 | 0.13 | 0.62 | 501 | 4 | 0.02 | 3 | 0.04 | 17 | <3 | <5 | <2 | 2 | 14 | <5 | <3 | 48 |
| 16508 | 0.7 | 3.20 | <3 | <3 | 38 | 3 | 1.14 | 0.9 | 37 | 117 | 136 | 4.30 | 0.33 | 3.12 | 716 | 2 | 0.03 | 110 | 0.06 | 33 | <3 | <5 | <2 | 14 | 24 | <5 | <3 | 74 |
| 16509 | 0.3 | 1.55 | <3 | <3 | 36 | <3 | 0.78 | 0.4 | 10 | 70 | 22 | 2.40 | 0.21 | 1.07 | 522 | 2 | 0.02 | 7 | 0.05 | 18 | <3 | <5 | <2 | 4 | 17 | <5 | <3 | 49 |
| 16510 | 0.2 | 1.68 | <3 | <3 | 46 | <3 | 0.63 | 0.1 | 10 | 41 | 18 | 2.37 | 0.19 | 1.02 | 639 | 2 | 0.02 | 4 | 0.05 | 19 | <3 | <5 | <2 | 5 | 14 | <5 | <3 | 69 |
| 16511 | 0.1 | 1.40 | <3 | <3 | 58 | <3 | 0.96 | 0.2 | 7 | 107 | 14 | 2.21 | 0.23 | 0.87 | 597 | 4 | 0.02 | 5 | 0.05 | 16 | <3 | <5 | <2 | 4 | 19 | <5 | <3 | 58 |
| 16512 | 0.2 | 1.52 | <3 | <3 | 37 | <3 | 0.63 | 0.1 | 9 | 38 | 17 | 2.16 | 0.16 | 0.93 | 414 | 7 | 0.02 | 3 | 0.05 | 18 | <3 | <5 | <2 | 5 | 19 | <5 | <3 | 38 |
| 16513 | 0.1 | 1.50 | <3 | <3 | 60 | <3 | 0.49 | 0.2 | 9 | 74 | 18 | 2.31 | 0.17 | 1.01 | 491 | 2 | 0.02 | 5 | 0.05 | 18 | <3 | <5 | <2 | 5 | 13 | <5 | <3 | 54 |
| 16514 | 0.5 | 2.38 | <3 | <3 | 32 | 3 | 1.29 | 0.7 | 21 | 69 | 38 | 3.80 | 0.30 | 1.60 | 547 | 2 | 0.04 | 18 | 0.07 | 25 | <3 | <5 | <2 | 9 | 28 | <5 | <3 | 48 |
| 16515 | 0.1 | 1.26 | <3 | <3 | 93 | <3 | 1.00 | 0.1 | 7 | 74 | 9 | 1.80 | 0.19 | 0.80 | 425 | 2 | 0.03 | 5 | 0.04 | 14 | <3 | <5 | <2 | 3 | 18 | <5 | <3 | 39 |
| 16516 | 0.1 | 0.59 | <3 | <3 | 44 | <3 | 0.41 | 0.1 | 2 | 48 | 3 | 0.88 | 0.08 | 0.32 | 443 | 1 | 0.02 | 1 | 0.02 | 10 | <3 | <5 | <2 | <2 | 9 | <5 | <3 | 29 |
| 16517 | 0.4 | 2.14 | <3 | <3 | 108 | <3 | 1.08 | 0.5 | 16 | 43 | 19 | 3.26 | 0.26 | 1.61 | 674 | 2 | 0.02 | 45 | 0.06 | 21 | <3 | <5 | <2 | 6 | 21 | <5 | <3 | 52 |
| 16518 | 0.3 | 0.98 | 47 | 3 | 26 | <3 | 1.53 | 0.1 | 8 | 68 | 4 | 1.83 | 0.26 | 0.61 | 556 | 2 | 0.02 | 4 | 0.04 | 15 | <3 | <5 | <2 | 2 | 54 | <5 | <3 | 35 |
| 16519 | 0.4 | 2.01 | 17 | <3 | 16 | 3 | 1.69 | 0.4 | 10 | 20 | 7 | 2.96 | 0.36 | 1.40 | 688 | 2 | 0.01 | 3 | 0.05 | 18 | <3 | <5 | <2 | 3 | 50 | <5 | <3 | 83 |
| 16520 | 0.2 | 1.69 | 32 | <3 | 26 | <3 | 1.61 | 0.7 | 8 | 33 | 12 | 2.46 | 0.29 | 1.10 | 640 | 2 | 0.02 | 75 | 0.05 | 15 | <3 | <5 | <2 | 12 | 59 | <5 | <3 | 74 |
| 16521 | 0.2 | 0.67 | 50 | <3 | 23 | <3 | 2.57 | 0.1 | 6 | 84 | 6 | 1.53 | 0.39 | 0.41 | 799 | 1 | 0.02 | 18 | 0.03 | 16 | <3 | <5 | <2 | 5 | 105 | <5 | <3 | 26 |
| 16522 | 0.1 | 0.96 | 63 | <3 | 30 | <3 | 1.87 | 0.2 | 6 | 28 | 4 | 1.66 | 0.30 | 0.57 | 644 | 1 | 0.02 | 9 | 0.04 | 13 | <3 | <5 | <2 | 7 | 82 | <5 | <3 | 34 |
| 16523 | 0.1 | 1.60 | 10 | <3 | 24 | <3 | 1.96 | 0.7 | 6 | 75 | 5 | 2.19 | 0.34 | 1.05 | 693 | 5 | 0.02 | 8 | 0.05 | 12 | <3 | <5 | <2 | 12 | 74 | <5 | <3 | 62 |
| 16524 | 0.2 | 1.54 | 8 | <3 | 24 | <3 | 1.71 | 0.6 | 7 | 60 | 50 | 2.35 | 0.30 | 1.07 | 694 | 2 | 0.02 | 6 | 0.05 | 12 | <3 | <5 | <2 | 10 | 67 | <5 | <3 | 59 |
| 16525 | 0.2 | 1.42 | 4 | <3 | 21 | <3 | 1.62 | 0.4 | 5 | 47 | 6 | 1.99 | 0.28 | 0.88 | 552 | 3 | 0.02 | 60 | 0.05 | 12 | <3 | <5 | <2 | 9 | 60 | <5 | <3 | 54 |
| 16526 | 0.1 | 1.63 | 5 | <3 | 23 | 3 | 1.68 | 0.7 | 7 | 70 | 4 | 2.35 | 0.30 | 1.09 | 646 | 2 | 0.02 | 7 | 0.05 | 10 | <3 | <5 | <2 | 12 | 58 | <5 | <3 | 63 |
| 16527 | 0.1 | 1.28 | 9 | <3 | 20 | <3 | 1.58 | 0.5 | 5 | 75 | 4 | 1.86 | 0.27 | 0.78 | 526 | 1 | 0.02 | 6 | 0.05 | 9 | <3 | <5 | <2 | 8 | 57 | <5 | <3 | 51 |
| 16528 | 0.2 | 1.08 | 4 | <3 | 32 | <3 | 1.20 | 0.1 | 4 | 109 | 3 | 1.59 | 0.21 | 0.63 | 479 | 2 | 0.02 | 5 | 0.04 | 8 | <3 | <5 | <2 | 7 | 52 | <5 | <3 | 37 |
| 16529 | 0.3 | 1.11 | 3 | <3 | 20 | <3 | 1.07 | 0.3 | 5 | 91 | 3 | 1.71 | 0.20 | 0.66 | 437 | 1 | 0.02 | 5 | 0.04 | 8 | <3 | <5 | <2 | 7 | 47 | <5 | <3 | 41 |
| 16530 | 0.3 | 0.90 | 5 | <3 | 15 | <3 | 0.81 | 0.4 | 5 | 146 | 3 | 1.52 | 0.16 | 0.55 | 365 | 4 | 0.03 | 6 | 0.03 | 15 | <3 | <5 | <2 | 7 | 34 | <5 | <3 | 35 |
| 16531 | 0.1 | 0.98 | 5 | <3 | 19 | <3 | 1.32 | 0.4 | 4 | 93 | 3 | 1.59 | 0.23 | 0.62 | 517 | 1 | 0.02 | 5 | 0.04 | 12 | <3 | <5 | <2 | 7 | 49 | <5 | <3 | 39 |
| 16532 | 0.1 | 1.05 | 7 | <3 | 21 | <3 | 0.86 | 0.2 | 4 | 143 | 3 | 1.64 | 0.18 | 0.64 | 429 | 3 | 0.03 | 5 | 0.04 | 9 | <3 | <5 | <2 | 8 | 117 | <5 | <3 | 38 |
| 16533 | 0.2 | 1.05 | <3 | <3 | 19 | <3 | 1.09 | 0.4 | 6 | 89 | 3 | 1.86 | 0.21 | 0.65 | 485 | 1 | 0.02 | 4 | 0.04 | 9 | <3 | <5 | <2 | 7 | 43 | <5 | <3 | 40 |
| 16534 | 0.1 | 1.18 | 6 | <3 | 21 | <3 | 0.85 | 0.2 | 5 | 140 | 3 | 1.78 | 0.17 | 0.67 | 368 | 3 | 0.03 | 6 | 0.04 | 7 | <3 | <5 | <2 | 8 | 34 | <5 | <3 | 35 |
| 16535 | 0.2 | 1.13 | 4 | <3 | 23 | <3 | 1.88 | 0.3 | 5 | 89 | 2 | 1.73 | 0.30 | 0.66 | 594 | 1 | 0.03 | 4 | 0.04 | 12 | <3 | <5 | <2 | 7 | 96 | <5 | <3 | 29 |
| 16536 | 0.2 | 1.12 | 3 | <3 | 46 | <3 | 1.45 | 0.2 | 4 | 126 | 3 | 1.70 | 0.25 | 0.63 | 526 | 3 | 0.03 | 4 | 0.04 | 10 | <3 | <5 | <2 | 8 | 71 | <5 | <3 | 32 |
| 16537 | 0.1 | 1.11 | 4 | <3 | 29 | <3 | 1.03 | 0.5 | 5 | 90 | 2 | 1.67 | 0.19 | 0.64 | 353 | 1 | 0.03 | 5 | 0.04 | 10 | <3 | <5 | <2 | 8 | 46 | <5 | <3 | 24 |
| 16538 | 0.1 | 1.07 | 5 | <3 | 27 | <3 | 1.04 | 0.2 | 5 | 129 | 3 | 1.52 | 0.19 | 0.60 | 322 | 3 | 0.02 | 6 | 0.04 | 9 | <3 | <5 | <2 | 7 | 44 | <5 | <3 | 18 |
| 16539 | 0.3 | 1.08 | <3 | <3 | 25 | <3 | 1.04 | 0.5 | 6 | 89 | 5 | 1.73 | 0.20 | 0.64 | 382 | 2 | 0.02 | 8 | 0.04 | 18 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 29 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 100 | 10.00 | 20000 | 10.00 | 10000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

REPORT #: 890034 PA | OREQUEST | Proj: URSUS CREEK | Date In: 89/01/19 | Date Out:89/01/24 | Att: | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16540 | 0.5 | 1.09 | <3 | <3 | 40 | <3 | 1.03 | 0.3 | 5 | 127 | 4 | 1.70 | 0.17 | 0.63 | 393 | 4 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 2 | 41 | <5 | <3 | 29 |
| 16541 | 0.4 | 1.08 | <3 | <3 | 29 | <3 | 0.99 | 0.1 | 5 | 92 | 3 | 1.69 | 0.19 | 0.63 | 343 | 2 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 2 | 36 | <5 | <3 | 25 |
| 16542 | 0.1 | 1.03 | <3 | <3 | 27 | <3 | 1.13 | 0.1 | 5 | 108 | 4 | 1.62 | 0.21 | 0.61 | 326 | 3 | 0.02 | 3 | 0.04 | 15 | <3 | <5 | <2 | <2 | 34 | <5 | <3 | 34 |
| 16543 | 0.1 | 1.05 | <3 | <3 | 22 | <3 | 1.11 | 0.1 | 5 | 90 | 4 | 1.71 | 0.21 | 0.61 | 351 | 1 | 0.02 | 3 | 0.04 | 14 | <3 | <5 | <2 | <2 | 33 | <5 | <3 | 38 |
| 16544 | 0.5 | 1.08 | <3 | <3 | 32 | <3 | 1.27 | 0.3 | 4 | 127 | 4 | 1.65 | 0.23 | 0.55 | 386 | 4 | 0.02 | 4 | 0.04 | 13 | <3 | <5 | <2 | <2 | 47 | <5 | <3 | 32 |
| 16545 | 0.5 | 1.18 | <3 | <3 | 25 | <3 | 1.13 | 0.1 | 5 | 85 | 7 | 1.70 | 0.22 | 0.66 | 299 | 1 | 0.02 | 2 | 0.04 | 15 | <3 | <5 | <2 | <2 | 44 | <5 | <3 | 26 |
| 16546 | 0.2 | 1.28 | <3 | <3 | 24 | <3 | 0.95 | 0.1 | 6 | 131 | 4 | 1.86 | 0.20 | 0.77 | 290 | 4 | 0.02 | 3 | 0.04 | 13 | <3 | <5 | <2 | <2 | 38 | <5 | <3 | 34 |
| 16547 | 0.5 | 1.10 | <3 | <3 | 20 | <3 | 1.30 | 0.1 | 5 | 103 | 4 | 1.63 | 0.24 | 0.65 | 362 | 1 | 0.02 | 3 | 0.03 | 14 | <3 | <5 | <2 | <2 | 48 | <5 | <3 | 30 |
| 16548 | 0.4 | 1.11 | <3 | <3 | 77 | <3 | 1.65 | 0.1 | 5 | 113 | 4 | 1.62 | 0.29 | 0.64 | 463 | 3 | 0.02 | 2 | 0.04 | 15 | <3 | <5 | <2 | <2 | 64 | <5 | <3 | 34 |
| 16549 | 0.5 | 1.92 | <3 | <3 | 29 | <3 | 2.57 | 0.8 | 9 | 36 | 25 | 2.87 | 0.47 | 0.99 | 854 | 2 | 0.02 | 2 | 0.08 | 21 | <3 | <5 | <2 | 2 | 88 | <5 | <3 | 60 |
| 16550 | 0.3 | 2.14 | <3 | <3 | 36 | <3 | 1.72 | 0.9 | 9 | 58 | 30 | 2.96 | 0.36 | 1.06 | 689 | 2 | 0.01 | 3 | 0.09 | 19 | <3 | <5 | <2 | 2 | 63 | <5 | <3 | 68 |
| 16551 | 0.2 | 2.21 | <3 | <3 | 28 | <3 | 1.73 | 0.8 | 10 | 26 | 29 | 3.16 | 0.37 | 1.19 | 727 | 2 | 0.01 | 2 | 0.09 | 21 | <3 | <5 | <2 | 2 | 70 | <5 | <3 | 71 |
| 16552 | 0.2 | 1.21 | <3 | <3 | 30 | <3 | 0.86 | 0.3 | 5 | 142 | 6 | 1.71 | 0.19 | 0.67 | 387 | 4 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | <2 | 33 | <5 | <3 | 32 |
| 16553 | 0.1 | 1.07 | <3 | <3 | 32 | <3 | 1.06 | 0.4 | 5 | 82 | 4 | 1.70 | 0.22 | 0.63 | 384 | 1 | 0.02 | 2 | 0.04 | 14 | <3 | <5 | <2 | <2 | 37 | <5 | <3 | 35 |
| 16554 | 0.1 | 1.18 | <3 | <3 | 33 | <3 | 1.20 | 0.3 | 5 | 142 | 3 | 1.77 | 0.24 | 0.66 | 391 | 4 | 0.02 | 2 | 0.04 | 14 | <3 | <5 | <2 | <2 | 46 | <5 | <3 | 36 |
| 16555 | 0.2 | 0.99 | <3 | <3 | 38 | <3 | 1.07 | 0.2 | 4 | 100 | 2 | 1.41 | 0.21 | 0.49 | 311 | 1 | 0.01 | 1 | 0.03 | 12 | <3 | <5 | <2 | <2 | 66 | <5 | <3 | 21 |
| 16556 | 0.2 | 1.00 | <3 | <3 | 19 | <3 | 0.77 | 0.1 | 4 | 134 | 2 | 1.46 | 0.17 | 0.58 | 266 | 3 | 0.01 | 3 | 0.03 | 10 | <3 | <5 | <2 | <2 | 33 | <5 | <3 | 27 |
| 16557 | 0.1 | 0.73 | <3 | <3 | 25 | <3 | 1.07 | 0.1 | 3 | 126 | 2 | 1.07 | 0.20 | 0.40 | 273 | 1 | 0.01 | 2 | 0.03 | 9 | <3 | <5 | <2 | <2 | 47 | <5 | <3 | 20 |
| 16558 | 0.2 | 0.81 | <3 | <3 | 32 | <3 | 1.41 | 0.1 | 3 | 158 | 2 | 1.00 | 0.25 | 0.43 | 330 | 4 | 0.01 | 3 | 0.03 | 8 | <3 | <5 | <2 | <2 | 164 | <5 | <3 | 20 |
| 16559 | 0.1 | 0.88 | <3 | <3 | 36 | <3 | 1.20 | 0.1 | 4 | 96 | 8 | 1.31 | 0.23 | 0.47 | 271 | 1 | 0.01 | 32 | 0.04 | 12 | <3 | <5 | <2 | <2 | 48 | <5 | <3 | 16 |
| 16560 | 0.1 | 1.10 | <3 | <3 | 59 | <3 | 1.05 | 0.1 | 5 | 110 | 4 | 1.60 | 0.22 | 0.65 | 355 | 3 | 0.02 | 10 | 0.04 | 12 | <3 | <5 | <2 | <2 | 37 | <5 | <3 | 21 |
| 16561 | 0.1 | 1.12 | <3 | <3 | 33 | <3 | 0.84 | 0.1 | 4 | 101 | 4 | 1.58 | 0.16 | 0.65 | 344 | 1 | 0.02 | 6 | 0.04 | 10 | <3 | <5 | <2 | <2 | 26 | <5 | <3 | 33 |
| 16562 | 0.1 | 1.23 | <3 | <3 | 37 | <3 | 1.06 | 0.1 | 5 | 135 | 3 | 1.80 | 0.23 | 0.68 | 416 | 3 | 0.02 | 4 | 0.04 | 13 | <3 | <5 | <2 | <2 | 32 | <5 | <3 | 36 |
| 16563 | 0.2 | 1.10 | <3 | <3 | 30 | <3 | 1.06 | 0.1 | 4 | 96 | 3 | 1.66 | 0.22 | 0.66 | 417 | 1 | 0.02 | 3 | 0.04 | 13 | <3 | <5 | <2 | <2 | 37 | <5 | <3 | 30 |
| 16564 | 0.2 | 1.17 | <3 | <3 | 28 | <3 | 0.99 | 0.1 | 5 | 127 | 3 | 1.69 | 0.22 | 0.66 | 349 | 3 | 0.02 | 3 | 0.04 | 12 | <3 | <5 | <2 | <2 | 35 | <5 | <3 | 29 |
| 16565 | 0.1 | 1.07 | <3 | <3 | 18 | <3 | 0.93 | 0.1 | 4 | 97 | 3 | 1.68 | 0.21 | 0.63 | 317 | 1 | 0.01 | 3 | 0.04 | 10 | <3 | <5 | <2 | <2 | 29 | <5 | <3 | 22 |
| 16566 | 0.1 | 1.19 | <3 | <3 | 33 | <3 | 1.04 | 0.1 | 5 | 127 | 3 | 1.76 | 0.20 | 0.67 | 344 | 3 | 0.02 | 2 | 0.04 | 12 | <3 | <5 | <2 | <2 | 33 | <5 | <3 | 29 |
| 16567 | 0.1 | 1.13 | <3 | <3 | 88 | <3 | 1.21 | 0.1 | 5 | 89 | 3 | 1.64 | 0.25 | 0.67 | 362 | 1 | 0.02 | 2 | 0.04 | 12 | <3 | <5 | <2 | <2 | 45 | <5 | <3 | 29 |
| 16568 | 0.3 | 1.07 | <3 | <3 | 33 | <3 | 0.99 | 0.1 | 4 | 138 | 4 | 1.62 | 0.22 | 0.63 | 393 | 3 | 0.02 | 3 | 0.04 | 15 | <3 | <5 | <2 | <2 | 30 | <5 | <3 | 30 |
| 16569 | 0.4 | 1.05 | <3 | <3 | 26 | <3 | 0.76 | 0.1 | 4 | 90 | 3 | 1.59 | 0.18 | 0.63 | 353 | 1 | 0.02 | 2 | 0.04 | 12 | <3 | <5 | <2 | <2 | 30 | <5 | <3 | 27 |
| 16570 | 0.2 | 1.06 | <3 | <3 | 28 | <3 | 0.86 | 0.1 | 4 | 124 | 3 | 1.58 | 0.20 | 0.63 | 362 | 3 | 0.02 | 3 | 0.04 | 12 | <3 | <5 | <2 | <2 | 42 | <5 | <3 | 24 |
| 16571 | 0.3 | 1.05 | <3 | <3 | 32 | <3 | 0.84 | 0.1 | 5 | 85 | 3 | 1.55 | 0.20 | 0.65 | 361 | 1 | 0.01 | 2 | 0.04 | 12 | <3 | <5 | <2 | <2 | 47 | <5 | <3 | 27 |
| 16572 | 0.2 | 1.08 | <3 | <3 | 35 | <3 | 0.98 | 0.1 | 4 | 134 | 5 | 1.55 | 0.22 | 0.67 | 368 | 3 | 0.02 | 3 | 0.04 | 14 | <3 | <5 | <2 | <2 | 71 | <5 | <3 | 24 |
| 16573 | 0.4 | 0.98 | <3 | <3 | 37 | <3 | 1.10 | 0.3 | 5 | 88 | 3 | 1.53 | 0.24 | 0.64 | 424 | 1 | 0.02 | 2 | 0.04 | 12 | <3 | <5 | <2 | <2 | 67 | <5 | <3 | 27 |
| 16574 | 0.3 | 0.93 | <3 | <3 | 46 | <3 | 0.84 | 0.2 | 4 | 119 | 3 | 1.43 | 0.17 | 0.59 | 357 | 2 | 0.02 | 2 | 0.04 | 10 | <3 | <5 | <2 | <2 | 41 | <5 | <3 | 30 |
| 16575 | 0.2 | 0.98 | <3 | <3 | 122 | <3 | 1.19 | 0.1 | 4 | 87 | 6 | 1.55 | 0.25 | 0.63 | 432 | 1 | 0.02 | 3 | 0.04 | 13 | <3 | <5 | <2 | <2 | 72 | <5 | <3 | 30 |
| 16576 | 0.1 | 0.75 | <3 | <3 | 162 | <3 | 1.11 | 0.1 | 2 | 127 | 12 | 1.11 | 0.23 | 0.40 | 453 | 3 | 0.02 | 3 | 0.02 | 13 | <3 | <5 | <2 | <2 | 80 | <5 | <3 | 26 |
| 16577 | 0.1 | 0.64 | <3 | <3 | 165 | <3 | 0.73 | 0.1 | 2 | 88 | 2 | 0.97 | 0.16 | 0.36 | 452 | 1 | 0.02 | 2 | 0.02 | 10 | <3 | <5 | <2 | <2 | 67 | <5 | <3 | 30 |
| 16578 | 0.4 | 0.54 | 3 | <3 | 109 | <3 | 0.64 | 0.1 | 3 | 111 | 5 | 0.83 | 0.12 | 0.26 | 365 | 4 | 0.02 | 14 | 0.02 | 16 | <3 | <5 | <2 | 2 | 50 | <5 | <3 | 30 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

REPORT #: 890034 PA OREQUEST Proj: URSUS CREEK Date In: 89/01/19 Date Out:89/01/24 Attn: VGC ICP REPORT 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16579 | 0.3 | 0.58 | <3 | <3 | 97 | <3 | 0.64 | 0.1 | 2 | 91 | 4 | 0.88 | 0.12 | 0.28 | 439 | 2 | 0.02 | 8 | 0.02 | 12 | <3 | <5 | <2 | <2 | 42 | <5 | <3 | 33 |
| 16580 | 0.2 | 0.67 | <3 | <3 | 74 | <3 | 0.51 | 0.1 | 2 | 134 | 4 | 1.03 | 0.11 | 0.36 | 495 | 4 | 0.02 | 6 | 0.03 | 13 | <3 | <5 | <2 | 2 | 30 | <5 | <3 | 40 |
| 16581 | 0.2 | 0.67 | <3 | <3 | 69 | <3 | 0.61 | 0.1 | 3 | 93 | 3 | 1.04 | 0.12 | 0.41 | 507 | 2 | 0.02 | 7 | 0.02 | 12 | <3 | <5 | <2 | 2 | 33 | <5 | <3 | 37 |
| 16582 | 0.1 | 0.55 | 5 | <3 | 85 | <3 | 0.72 | 0.1 | 3 | 125 | 3 | 1.02 | 0.13 | 0.45 | 566 | 3 | 0.02 | 7 | 0.03 | 13 | <3 | <5 | <2 | <2 | 40 | <5 | <3 | 28 |
| 16583 | 0.2 | 0.88 | <3 | <3 | 79 | <3 | 1.02 | 0.1 | 5 | 84 | 3 | 1.51 | 0.19 | 0.72 | 598 | 1 | 0.02 | 5 | 0.04 | 14 | <3 | <5 | <2 | 2 | 51 | <5 | <3 | 34 |
| 16584 | 0.2 | 0.87 | <3 | <3 | 67 | <3 | 0.97 | 0.1 | 5 | 116 | 3 | 1.45 | 0.18 | 0.58 | 486 | 3 | 0.02 | 6 | 0.04 | 13 | <3 | <5 | <2 | 2 | 48 | <5 | <3 | 35 |
| 16585 | 0.1 | 0.85 | <3 | <3 | 62 | <3 | 1.04 | 0.1 | 4 | 71 | 3 | 1.49 | 0.19 | 0.56 | 467 | 1 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | <2 | 40 | <5 | <3 | 37 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum AuFA = Fire assay/AAS

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● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890035 GA  JOB NUMBER: 890035  OREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au ppb |
|---|---|
| 16601 | 10 |
| 16602 | 10 |
| 16603 | nd |
| 16604 | 5 |
| 16605 | 20 |
| 16606 | 20 |
| 16607 | 60 |
| 16608 | 40 |
| 16609 | 40 |
| 16610 | 50 |
| 16611 | 50 |
| 16612 | 30 |
| 16613 | 50 |
| 16614 | 180 |
| 16615 | 5650 |
| 16616 | 12800 |
| 16617 | 310 |
| 16618 | 135 |
| 16619 | 405 |
| 16620 | 50 |
| 16621 | 45 |
| 16622 | 15 |
| 16623 | 20 |
| 16624 | 20 |
| 16625 | 50 |
| 16626 | 25 |
| 16627 | 10 |
| 16628 | nd |
| 16629 | 50 |
| 16630 | 10 |
| 16631 | 30 |
| 16632 | 25 |
| 16633 | 20 |
| 16634 | 30 |
| 16635 | 10 |
| 16636 | 10 |
| 16637 | 70 |
| 16638 | 25 |
| 16639 | 5 |
| DETECTION LIMIT | 5 |

nd = none detected  -- = not analysed  is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16640 | 20 |
| 16641 | 45 |
| 16642 | 15 |
| 16643 | 40 |
| 16644 | 25 |
| 16645 | 20 |
| 16646 | 25 |
| 16647 | nd |
| 16648 | 15 |
| 16649 | 20 |
| 16650 | 40 |
| 16651 | 15 |
| 16652 | 40 |
| 16653 | 20 |
| 16654 | nd |
| 16655 | 10 |
| 16656 | 10 |
| 16657 | 10 |

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

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BRANCH OFFICES
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 890035 AA  JOB NUMBER: 890035  OREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au oz/st |
|---|---|
| 16615 | .166 |
| 16616 | .381 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm  1 ppm = 0.0001Z  ppm = parts per million  < = less than

signed: _____

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 Triumph Street, Vancouver, B.C. V5L 1K5 Ph:(604)251-5656 Fax:(604)254-5717
BRANCH OFFICE: 1630 Pandora Street, Vancouver, B.C. V5L 1L6 Ph:(604)251-7282 Telex: 04-352578


## ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to $HNO_3$ to $H_2O$ at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Pd, Pt, Sn, Sr and W.
IS = Insufficient Sample, ND = Not Detected, - = Not Analyzed

REPORT #: 890035 PA | OREQUEST CONSULTANT | Proj: URSUS CREEK | Date In: 89/01/19 | Date Out:89/01/26 | Att: | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16601 | 0.4 | 1.59 | <3 | <3 | 28 | <3 | 1.37 | 0.5 | 6 | 92 | 11 | 2.43 | 0.26 | 0.80 | 370 | 5 | 0.02 | 20 | 0.08 | 23 | <3 | <5 | <2 | 5 | 22 | <5 | <3 | 53 |
| 16602 | 0.3 | 1.34 | <3 | <3 | 28 | <3 | 0.83 | 0.1 | 4 | 68 | 8 | 1.80 | 0.17 | 0.66 | 347 | 1 | 0.02 | 4 | 0.05 | 18 | <3 | <5 | <2 | 4 | 18 | <5 | <3 | 54 |
| 16603 | 0.2 | 0.94 | 25 | <3 | 27 | <3 | 3.32 | 0.1 | 4 | 56 | 7 | 1.65 | 0.49 | 0.49 | 794 | 2 | 0.02 | 3 | 0.05 | 21 | <3 | <5 | <2 | 3 | 54 | <5 | <3 | 54 |
| 16604 | 0.4 | 1.05 | <3 | <3 | 24 | <3 | 1.71 | 0.1 | 5 | 91 | 10 | 1.56 | 0.28 | 0.51 | 535 | 1 | 0.03 | 2 | 0.04 | 18 | <3 | <5 | <2 | 3 | 33 | <5 | <3 | 49 |
| 16605 | 0.5 | 1.23 | <3 | <3 | 16 | <3 | 1.28 | 0.1 | 5 | 82 | 5 | 1.79 | 0.23 | 0.67 | 523 | 2 | 0.03 | 3 | 0.05 | 22 | <3 | <5 | <2 | 4 | 31 | <5 | <3 | 53 |
| 16606 | 0.5 | 1.25 | 8 | <3 | 10 | <3 | 1.07 | 0.5 | 6 | 101 | 5 | 1.83 | 0.20 | 0.73 | 520 | 4 | 0.04 | 4 | 0.05 | 25 | <3 | <5 | <2 | 4 | 30 | <5 | <3 | 54 |
| 16607 | 0.4 | 1.19 | 7 | <3 | 6 | <3 | 1.21 | 0.3 | 5 | 99 | 4 | 1.88 | 0.22 | 0.77 | 595 | 2 | 0.03 | 4 | 0.05 | 20 | <3 | <5 | <2 | 3 | 37 | <5 | <3 | 53 |
| 16608 | 0.4 | 1.10 | 10 | <3 | 8 | <3 | 1.15 | 0.1 | 5 | 121 | 5 | 1.90 | 0.22 | 0.73 | 556 | 5 | 0.03 | 4 | 0.05 | 20 | <3 | <5 | <2 | 4 | 35 | <5 | <3 | 53 |
| 16609 | 0.2 | 0.83 | 9 | <3 | 6 | <3 | 1.32 | 0.1 | 5 | 94 | 4 | 1.73 | 0.23 | 0.71 | 586 | 2 | 0.02 | 3 | 0.04 | 15 | <3 | <5 | <2 | 3 | 42 | <5 | <3 | 45 |
| 16610 | 0.2 | 0.97 | 5 | <3 | 13 | <3 | 0.85 | 0.1 | 5 | 130 | 5 | 1.73 | 0.17 | 0.64 | 397 | 5 | 0.02 | 3 | 0.04 | 16 | <3 | <5 | <2 | 3 | 24 | <5 | <3 | 43 |
| 16611 | 0.5 | 0.63 | 16 | <3 | 12 | <3 | 3.61 | 0.4 | 8 | 58 | 11 | 2.06 | 0.54 | 1.28 | 631 | 2 | 0.02 | 5 | 0.06 | 26 | <3 | <5 | <2 | 4 | 133 | <5 | <3 | 54 |
| 16612 | 0.5 | 0.53 | 22 | <3 | 23 | 3 | 9.01 | 1.5 | 17 | 65 | 33 | 3.24 | 1.29 | 3.20 | 978 | 3 | 0.02 | 28 | 0.04 | 50 | <3 | <5 | <2 | 6 | 254 | <5 | <3 | 90 |
| 16613 | 1.0 | 0.42 | 31 | <3 | 22 | 3 | 5.91 | 1.3 | 18 | 67 | 35 | 3.00 | 0.87 | 3.09 | 912 | 3 | 0.03 | 27 | 0.04 | 37 | <3 | <5 | <2 | 6 | 155 | <5 | <3 | 72 |
| 16614 | 0.4 | 0.45 | 13 | <3 | 62 | <3 | 2.66 | 0.5 | 8 | 75 | 10 | 1.80 | 0.41 | 1.36 | 652 | 3 | 0.02 | 8 | 0.04 | 19 | <3 | <5 | <2 | 4 | 88 | <5 | <3 | 47 |
| 16615 | 2.2 | 1.32 | 50 | 5 | 36 | <3 | 1.93 | 0.1 | 7 | 32 | 12 | 1.71 | 0.32 | 0.64 | 515 | 2 | 0.03 | 3 | 0.05 | 32 | <3 | <5 | <2 | 4 | 138 | <5 | <3 | 46 |
| 16616 | 5.1 | 0.56 | 22 | 12 | 13 | <3 | 0.72 | 0.1 | 4 | 157 | 7 | 0.99 | 0.13 | 0.31 | 244 | 6 | 0.02 | 3 | 0.02 | 22 | <3 | <5 | <2 | 2 | 38 | <5 | <3 | 22 |
| 16617 | 0.4 | 1.34 | 19 | <3 | 16 | <3 | 1.96 | 0.4 | 7 | 75 | 4 | 2.03 | 0.33 | 0.86 | 678 | 4 | 0.01 | 2 | 0.05 | 16 | <3 | <5 | <2 | 3 | 80 | <5 | <3 | 55 |
| 16618 | 0.2 | 1.87 | 21 | <3 | 25 | <3 | 1.32 | 0.3 | 7 | 103 | 4 | 2.49 | 0.26 | 1.16 | 523 | 5 | 0.01 | 3 | 0.05 | 16 | <3 | <5 | <2 | 4 | 61 | <5 | <3 | 78 |
| 16619 | 0.1 | 1.54 | 26 | <3 | 36 | <3 | 1.76 | 0.1 | 7 | 76 | 4 | 2.07 | 0.30 | 0.85 | 609 | 3 | 0.01 | 113 | 0.05 | 15 | <3 | <5 | <2 | 4 | 82 | <5 | <3 | 53 |
| 16620 | 0.1 | 1.49 | <3 | <3 | 20 | <3 | 1.62 | 0.1 | 5 | 27 | 3 | 1.99 | 0.28 | 0.95 | 574 | <1 | 0.01 | 5 | 0.05 | 10 | <3 | <5 | <2 | 3 | 69 | <5 | <3 | 62 |
| 16621 | 0.2 | 1.44 | <3 | <3 | 25 | <3 | 1.56 | 0.4 | 6 | 70 | 18 | 2.08 | 0.28 | 0.90 | 523 | 2 | 0.02 | 24 | 0.05 | 14 | <3 | <5 | <2 | 4 | 60 | <5 | <3 | 56 |
| 16622 | 0.1 | 1.72 | <3 | <3 | 31 | <3 | 1.58 | 0.5 | 7 | 130 | 5 | 2.37 | 0.29 | 1.01 | 553 | 6 | 0.02 | 8 | 0.06 | 15 | <3 | <5 | <2 | 3 | 61 | <5 | <3 | 62 |
| 16623 | 0.2 | 1.13 | <3 | <3 | 135 | <3 | 1.95 | 0.1 | 5 | 58 | 12 | 1.69 | 0.31 | 0.69 | 540 | 4 | 0.02 | 58 | 0.05 | 11 | <3 | <5 | <2 | 3 | 64 | <5 | <3 | 40 |
| 16624 | 0.2 | 2.56 | <3 | <3 | 32 | 3 | 2.38 | 1.1 | 14 | 44 | 18 | 3.73 | 0.44 | 1.77 | 829 | 2 | 0.01 | 7 | 0.06 | 22 | <3 | <5 | <2 | 5 | 71 | <5 | <3 | 91 |
| 16625 | 0.4 | 2.40 | <3 | <3 | 20 | <3 | 2.63 | 0.9 | 14 | 22 | 15 | 3.52 | 0.47 | 1.71 | 864 | 2 | 0.01 | 4 | 0.05 | 24 | <3 | <5 | <2 | 6 | 78 | <5 | <3 | 87 |
| 16626 | 0.3 | 2.53 | <3 | <3 | 16 | <3 | 2.48 | 0.9 | 14 | 63 | 22 | 3.57 | 0.45 | 1.72 | 841 | 3 | 0.01 | 5 | 0.05 | 21 | <3 | <5 | <2 | 6 | 79 | <5 | <3 | 80 |
| 16627 | 0.4 | 2.49 | 3 | <3 | 16 | <3 | 2.39 | 0.9 | 16 | 35 | 23 | 3.64 | 0.44 | 1.72 | 836 | 2 | 0.01 | 38 | 0.06 | 23 | <3 | <5 | <2 | 7 | 74 | <5 | <3 | 87 |
| 16628 | 0.2 | 2.46 | <3 | <3 | 16 | <3 | 2.61 | 0.9 | 14 | 44 | 5 | 3.49 | 0.46 | 1.69 | 831 | 2 | 0.01 | 4 | 0.05 | 20 | <3 | <5 | <2 | 6 | 65 | <5 | <3 | 91 |
| 16629 | 0.1 | 2.55 | <3 | <3 | 21 | <3 | 2.33 | 0.9 | 15 | 18 | 12 | 3.60 | 0.43 | 1.75 | 806 | 2 | 0.01 | 5 | 0.05 | 21 | <3 | <5 | <2 | 5 | 56 | <5 | <3 | 90 |
| 16630 | 0.2 | 2.67 | <3 | <3 | 31 | <3 | 2.30 | 1.1 | 14 | 67 | 79 | 3.60 | 0.43 | 1.77 | 780 | 4 | 0.01 | 4 | 0.05 | 22 | <3 | <5 | <2 | 6 | 52 | <5 | <3 | 90 |
| 16631 | 0.4 | 2.55 | 3 | <3 | 40 | <3 | 1.97 | 1.1 | 15 | 31 | 11 | 3.56 | 0.38 | 1.75 | 777 | 2 | 0.01 | 33 | 0.06 | 22 | <3 | <5 | <2 | 5 | 48 | <5 | <3 | 80 |
| 16632 | 0.1 | 1.54 | <3 | <3 | 59 | <3 | 1.70 | 0.4 | 6 | 59 | 5 | 1.98 | 0.29 | 0.89 | 543 | 1 | 0.02 | 2 | 0.05 | 12 | <3 | <5 | <2 | 3 | 49 | <5 | <3 | 52 |
| 16633 | 0.1 | 1.39 | <3 | <3 | 39 | <3 | 1.53 | 0.1 | 6 | 24 | 4 | 1.87 | 0.26 | 0.80 | 507 | <1 | 0.02 | 1 | 0.04 | 11 | <3 | <5 | <2 | 3 | 42 | <5 | <3 | 49 |
| 16634 | 0.1 | 1.51 | <3 | <3 | 39 | <3 | 1.46 | 0.3 | 6 | 76 | 2 | 2.05 | 0.26 | 0.85 | 517 | 3 | 0.02 | 2 | 0.05 | 9 | <3 | <5 | <2 | 3 | 42 | <5 | <3 | 54 |
| 16635 | 0.2 | 1.10 | <3 | <3 | 27 | <3 | 1.29 | 0.1 | 5 | 50 | 2 | 1.52 | 0.22 | 0.61 | 437 | 1 | 0.03 | 48 | 0.04 | 11 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 41 |
| 16636 | 0.1 | 1.01 | <3 | <3 | 14 | <3 | 0.97 | 0.1 | 4 | 85 | 2 | 1.53 | 0.18 | 0.52 | 479 | 2 | 0.02 | 3 | 0.04 | 16 | <3 | <5 | <2 | 3 | 37 | <5 | <3 | 34 |
| 16637 | 0.1 | 1.02 | <3 | <3 | 15 | <3 | 0.80 | 0.1 | 4 | 40 | 2 | 1.52 | 0.16 | 0.61 | 498 | <1 | 0.02 | 1 | 0.04 | 12 | <3 | <5 | <2 | 2 | 29 | <5 | <3 | 38 |
| 16638 | 0.3 | 1.19 | <3 | <3 | 21 | <3 | 0.75 | 0.1 | 5 | 110 | 3 | 1.74 | 0.16 | 0.72 | 503 | 4 | 0.03 | 2 | 0.05 | 14 | <3 | <5 | <2 | 3 | 24 | <5 | <3 | 45 |
| 16639 | 0.2 | 0.96 | <3 | <3 | 12 | <3 | 0.76 | 0.1 | 4 | 104 | 2 | 1.49 | 0.15 | 0.60 | 451 | 1 | 0.03 | 3 | 0.04 | 11 | <3 | <5 | <2 | 3 | 23 | <5 | <3 | 39 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 70000 |

REPORT #: 890035 PA | OREQUEST CONSULTANT | Proj: URSUS CREEK | Date In: 89/01/19 | Date Out:89/01/26 | Att: | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | V | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16640 | 0.2 | 1.00 | <3 | <3 | 15 | <3 | 0.78 | 0.4 | 6 | 65 | 5 | 1.68 | 0.16 | 0.64 | 379 | 2 | 0.02 | 79 | 0.04 | 16 | <3 | <5 | <2 | 3 | 21 | <5 | <3 | 43 |
| 16641 | 0.2 | 1.17 | <3 | <3 | 19 | <3 | 0.79 | 0.2 | 6 | 114 | 4 | 1.86 | 0.17 | 0.72 | 429 | 5 | 0.02 | 12 | 0.05 | 16 | <3 | <5 | <2 | 3 | 23 | <5 | <3 | 47 |
| 16642 | 0.1 | 1.12 | <3 | <3 | 22 | <3 | 0.91 | 0.2 | 5 | 40 | 3 | 1.65 | 0.18 | 0.65 | 512 | 1 | 0.02 | 6 | 0.04 | 14 | <3 | <5 | <2 | 3 | 37 | <5 | <3 | 37 |
| 16643 | 0.1 | 1.00 | <3 | <3 | 19 | <3 | 0.83 | 0.2 | 6 | 108 | 4 | 1.80 | 0.17 | 0.65 | 415 | 2 | 0.02 | 7 | 0.04 | 16 | <3 | <5 | <2 | 3 | 21 | <5 | <3 | 41 |
| 16644 | 0.1 | 1.03 | <3 | <3 | 23 | <3 | 0.79 | 0.2 | 6 | 66 | 3 | 1.73 | 0.16 | 0.70 | 358 | 2 | 0.02 | 71 | 0.05 | 15 | <3 | <5 | <2 | 3 | 16 | <5 | <3 | 44 |
| 16645 | 0.4 | 1.02 | <3 | <3 | 29 | <3 | 0.93 | 0.4 | 5 | 128 | 3 | 1.63 | 0.18 | 0.62 | 391 | 5 | 0.02 | 7 | 0.04 | 15 | <3 | <5 | <2 | 3 | 22 | <5 | <3 | 41 |
| 16646 | 0.1 | 1.00 | <3 | <3 | 24 | <3 | 0.89 | 0.4 | 5 | 40 | 3 | 1.69 | 0.17 | 0.65 | 343 | 1 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | 3 | 18 | <5 | <3 | 66 |
| 16647 | 0.1 | 0.92 | <3 | <3 | 35 | <3 | 0.83 | 0.4 | 5 | 76 | 3 | 1.57 | 0.16 | 0.58 | 340 | 1 | 0.02 | 4 | 0.04 | 12 | <3 | <5 | <2 | 3 | 21 | <5 | <3 | 38 |
| 16648 | 0.1 | 0.92 | 3 | <3 | 36 | <3 | 0.85 | 0.2 | 5 | 66 | 3 | 1.43 | 0.16 | 0.55 | 329 | 2 | 0.02 | 69 | 0.04 | 12 | <3 | <5 | <2 | 2 | 21 | <5 | <3 | 35 |
| 16649 | 0.3 | 0.99 | <3 | <3 | 42 | <3 | 0.91 | 0.2 | 4 | 114 | 3 | 1.48 | 0.17 | 0.56 | 371 | 4 | 0.02 | 7 | 0.04 | 12 | <3 | <5 | <2 | 3 | 22 | <5 | <3 | 34 |
| 16650 | 0.1 | 0.91 | <3 | <3 | 24 | <3 | 0.79 | 0.1 | 5 | 39 | 2 | 1.50 | 0.15 | 0.58 | 351 | 1 | 0.02 | 4 | 0.04 | 13 | <3 | <5 | <2 | 2 | 24 | <5 | <3 | 30 |
| 16651 | 0.2 | 0.99 | <3 | <3 | 26 | <3 | 0.95 | 0.2 | 4 | 100 | 3 | 1.53 | 0.18 | 0.62 | 395 | 2 | 0.02 | 5 | 0.04 | 14 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 28 |
| 16652 | 0.3 | 0.80 | <3 | <3 | 15 | <3 | 0.74 | 0.1 | 5 | 67 | 3 | 1.41 | 0.14 | 0.52 | 293 | 2 | 0.02 | 64 | 0.04 | 13 | <3 | <5 | <2 | 2 | 22 | <5 | <3 | 22 |
| 16653 | 0.2 | 1.04 | <3 | <3 | 63 | <3 | 0.88 | 0.2 | 5 | 43 | 2 | 1.52 | 0.17 | 0.61 | 371 | <1 | 0.02 | 6 | 0.04 | 14 | <3 | <5 | <2 | 3 | 30 | <5 | <3 | 24 |
| 16654 | 0.4 | 1.06 | <3 | <3 | 22 | <3 | 0.82 | 0.4 | 5 | 136 | 3 | 1.53 | 0.16 | 0.60 | 343 | 5 | 0.02 | 6 | 0.04 | 16 | <3 | <5 | <2 | 3 | 31 | <5 | <3 | 22 |
| 16655 | 0.2 | 1.00 | <3 | <3 | 18 | <3 | 0.82 | 0.1 | 5 | 97 | 3 | 1.45 | 0.16 | 0.60 | 318 | 1 | 0.02 | 3 | 0.04 | 14 | <3 | <5 | <2 | 3 | 28 | <5 | <3 | 21 |
| 16656 | 0.4 | 1.08 | 3 | <3 | 19 | <3 | 0.86 | 0.4 | 7 | 79 | 5 | 1.43 | 0.16 | 0.69 | 305 | 3 | 0.02 | 84 | 0.04 | 16 | <3 | <5 | <2 | 3 | 28 | <5 | <3 | 21 |
| 16657 | 0.3 | 2.21 | <3 | <3 | 32 | 3 | 1.34 | 0.8 | 11 | 15 | 35 | 3.09 | 0.29 | 1.30 | 681 | 2 | 0.02 | 6 | 0.09 | 23 | <3 | <5 | <2 | 6 | 37 | <5 | <3 | 71 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890042 GA  JOB NUMBER: 890042  GREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au ppb |
|---|---|
| 16701 | 40 |
| 16702 | 85 |
| 16703 | 100 |
| 16704 | 40 |
| 16705 | 180 |
| 16706 | 130 |
| 16707 | 95 |
| 16708 | 50 |
| 16709 | 25 |
| 16710 | 30 |
| 16711 | 30 |
| 16712 | 10 |
| 16713 | 100 |
| 16714 | 25 |
| 16715 | 160 |
| 16716 | 90 |
| 16717 | 15 |
| 16718 | 20 |
| 16719 | 20 |
| 16720 | 10 |
| 16721 | 10 |
| 16722 | 20 |
| 16723 | 20 |
| 16724 | 5 |
| 16725 | 20 |
| 16726 | 10 |
| 16727 | 5 |
| 16728 | 10 |
| 16729 | 25 |
| 16730 | 10 |
| 16731 | 10 |
| 16732 | 50 |
| 16733 | 40 |
| 16734 | 10 |
| 16735 | 10 |
| 16736 | 10 |
| 16737 | 80 |
| 16738 | 15 |
| 16739 | 20 |
| DETECTION LIMIT | 5 |

nd = none detected  -- = not analysed  is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
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RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16740 | 15 |
| 16741 | 15 |
| 16742 | 10 |
| 16743 | 25 |
| 16744 | 10 |
| 16745 | 35 |
| 16746 | 20 |
| 16747 | 40 |
| 16748 | 20 |
| 16749 | 20 |
| 16750 | 10 |
| 16751 | 15 |
| 16752 | 10 |
| 16753 | 20 |
| 16754 | 20 |
| 16755 | 20 |
| 16756 | 20 |
| 16757 | 30 |
| 16758 | 70 |
| 16759 | 60 |
| 16760 | 30 |
| 16761 | 25 |
| 16762 | 10 |
| 16763 | 30 |
| 16764 | 60 |
| 16765 | 40 |
| 16766 | 45 |
| 16767 | 30 |
| 16768 | 60 |
| 16769 | 30 |
| 16770 | 55 |
| 16771 | 20 |
| 16772 | 10 |
| 16773 | 40 |
| 16774 | 40 |
| 16775 | 40 |
| 16776 | 15 |
| 16777 | 25 |
| 16778 | 50 |
| DETECTION LIMIT | 5 |

nd = none detected -- = not analysed is = insufficient sample

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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16779 | 250 |
| 16780 | 60 |
| 16781 | 85 |
| 16782 | 230 |
| 16783 | 10000 |
| 16784 | 1180 |
| 16785 | 220 |
| 16786 | 240 |
| 16787 | 120 |
| 16788 | 30 |
| 16789 | 30 |
| 16790 | 20 |
| 16791 | 40 |
| 16792 | 30 |
| 16793 | 20 |
| 16794 | 20 |
| 16795 | 15 |
| 16796 | 10 |
| 16797 | 30 |
| 16798 | 10 |
| 16799 | 10 |
| 16800 | 15 |
| 16801 | 10 |
| 16802 | 5 |
| 16803 | 5 |
| 16804 | 20 |

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890042 AA JOB NUMBER: 890042 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au oz/st |
|---|---|
| 16783 | .452 |
| 16784 | .034 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 ppm = parts per million < = less than

signed: _____

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 Triumph Street, Vancouver, B.C. V5L 1K5 Ph:(604)251-5656 Telex:04-352578
BRANCH OFFICE: 1630 Pandora Street, Vancouver, B.C. V5L 1L6 Ph:(604)251-7282 Fax:(604)254-5717


## ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to $HNO_3$ to $H_2O$ at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Pd, Pt, Sn, Sr and W.

REPORT #: 890042 PA | OREQUEST CONSULTANTS | Proj: URSUS | Date In: 89/01/26 | Date Out:89/01/27 | Att: D MALLO | VGC ICP REPORT | Page 1 of 3

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16701 | 0.2 | 0.85 | 22 | <3 | 48 | <3 | 0.59 | 0.7 | 6 | 97 | 12 | 1.62 | 0.14 | 0.54 | 455 | 1 | 0.02 | 27 | 0.04 | 19 | <3 | <5 | <2 | 4 | 21 | <5 | <3 | 48 |
| 16702 | 0.1 | 0.86 | 27 | <3 | 49 | <3 | 0.64 | 0.3 | 5 | 140 | 8 | 1.56 | 0.14 | 0.53 | 409 | 4 | 0.02 | 10 | 0.04 | 15 | <3 | <5 | <2 | 3 | 23 | <5 | <3 | 44 |
| 16703 | 0.3 | 0.74 | 35 | <3 | 42 | <3 | 0.89 | 0.1 | 4 | 102 | 8 | 1.47 | 0.18 | 0.53 | 537 | 1 | 0.02 | 7 | 0.04 | 13 | <3 | <5 | <2 | 3 | 35 | <5 | <3 | 38 |
| 16704 | 0.2 | 0.85 | 30 | <3 | 47 | <3 | 1.05 | 0.1 | 5 | 148 | 6 | 1.54 | 0.21 | 0.56 | 474 | 4 | 0.02 | 6 | 0.04 | 15 | <3 | <5 | <2 | 3 | 35 | <5 | <3 | 39 |
| 16705 | 0.3 | 0.62 | 65 | <3 | 46 | <3 | 0.96 | 0.1 | 4 | 113 | 5 | 1.36 | 0.21 | 0.42 | 481 | 1 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 2 | 29 | <5 | <3 | 28 |
| 16706 | 0.3 | 0.60 | 95 | <3 | 39 | <3 | 1.29 | 0.3 | 5 | 145 | 6 | 1.51 | 0.25 | 0.46 | 504 | 4 | 0.02 | 5 | 0.04 | 16 | <3 | <5 | <2 | 2 | 47 | <5 | <3 | 24 |
| 16707 | 0.3 | 0.60 | 273 | <3 | 35 | <3 | 1.47 | 0.1 | 4 | 95 | 5 | 1.47 | 0.27 | 0.45 | 416 | 1 | 0.02 | 2 | 0.04 | 27 | <3 | <5 | <2 | 2 | 48 | <5 | <3 | 30 |
| 16708 | 0.3 | 0.71 | 88 | <3 | 36 | <3 | 1.43 | 0.1 | 4 | 135 | 4 | 1.42 | 0.26 | 0.47 | 361 | 3 | 0.02 | 4 | 0.04 | 19 | <3 | <5 | <2 | <2 | 42 | <5 | <3 | 33 |
| 16709 | 0.3 | 0.74 | 29 | <3 | 44 | <3 | 1.46 | 0.1 | 4 | 103 | 4 | 1.28 | 0.26 | 0.39 | 392 | 1 | 0.02 | 2 | 0.04 | 17 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 34 |
| 16710 | 0.3 | 0.80 | 14 | <3 | 44 | <3 | 1.54 | 0.1 | 4 | 144 | 5 | 1.30 | 0.28 | 0.45 | 416 | 4 | 0.02 | 4 | 0.04 | 18 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 37 |
| 16711 | 0.3 | 0.70 | 14 | <3 | 36 | <3 | 1.68 | 0.1 | 4 | 123 | 4 | 1.17 | 0.29 | 0.35 | 372 | 1 | 0.02 | 3 | 0.03 | 13 | <3 | <5 | <2 | 2 | 36 | <5 | <3 | 33 |
| 16712 | 0.3 | 0.76 | 3 | <3 | 41 | <3 | 1.43 | 0.1 | 4 | 152 | 4 | 1.30 | 0.26 | 0.38 | 361 | 4 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 31 |
| 16713 | 0.3 | 1.87 | 48 | <3 | 47 | 3 | 3.91 | 0.7 | 12 | 43 | 59 | 3.39 | 0.75 | 1.17 | 892 | 1 | 0.01 | 3 | 0.07 | 31 | <3 | <5 | <2 | 3 | 83 | <5 | <3 | 77 |
| 16714 | 0.3 | 0.89 | 16 | <3 | 41 | <3 | 2.27 | 0.3 | 6 | 149 | 8 | 1.54 | 0.41 | 0.45 | 445 | 5 | 0.02 | 4 | 0.04 | 19 | <3 | <5 | <2 | 2 | 59 | <5 | <3 | 36 |
| 16715 | 0.3 | 0.71 | 59 | <3 | 48 | <3 | 2.28 | 0.1 | 5 | 101 | 9 | 1.41 | 0.40 | 0.44 | 531 | 1 | 0.02 | 3 | 0.04 | 28 | <3 | <5 | <2 | 2 | 92 | <5 | <3 | 30 |
| 16716 | 0.1 | 0.73 | 67 | <3 | 45 | <3 | 1.89 | 0.1 | 4 | 156 | 6 | 1.31 | 0.34 | 0.44 | 502 | 4 | 0.02 | 4 | 0.04 | 22 | <3 | <5 | <2 | 2 | 74 | <5 | <3 | 26 |
| 16717 | 0.3 | 0.71 | 7 | <3 | 36 | <3 | 1.67 | 0.1 | 3 | 115 | 5 | 1.13 | 0.29 | 0.40 | 431 | 1 | 0.03 | 3 | 0.04 | 18 | <3 | <5 | <2 | 2 | 88 | <5 | <3 | 25 |
| 16718 | 0.4 | 1.80 | 3 | <3 | 72 | <3 | 2.71 | 0.6 | 10 | 52 | 42 | 2.82 | 0.56 | 1.09 | 770 | 2 | 0.02 | 4 | 0.09 | 29 | <3 | <5 | <2 | 3 | 94 | <5 | <3 | 67 |
| 16719 | 0.3 | 1.85 | <3 | <3 | 44 | 3 | 2.28 | 0.8 | 11 | 29 | 49 | 3.06 | 0.50 | 1.14 | 728 | 1 | 0.02 | 2 | 0.09 | 28 | <3 | <5 | <2 | 4 | 59 | <5 | <3 | 85 |
| 16720 | 0.1 | 0.86 | <3 | <3 | 48 | <3 | 1.15 | 0.1 | 5 | 116 | 9 | 1.50 | 0.22 | 0.55 | 479 | 3 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 38 |
| 16721 | 0.3 | 0.79 | <3 | <3 | 191 | <3 | 0.99 | 0.3 | 5 | 90 | 11 | 1.50 | 0.23 | 0.55 | 480 | 1 | 0.03 | 40 | 0.04 | 16 | <3 | <5 | <2 | 2 | 45 | <5 | <3 | 38 |
| 16722 | 0.3 | 0.73 | <3 | <3 | 56 | <3 | 1.03 | 0.3 | 5 | 133 | 6 | 1.37 | 0.20 | 0.54 | 405 | 4 | 0.03 | 17 | 0.04 | 14 | <3 | <5 | <2 | 3 | 35 | <5 | <3 | 33 |
| 16723 | 0.3 | 1.21 | <3 | <3 | 35 | <3 | 4.45 | 0.3 | 5 | 82 | 5 | 1.99 | 0.79 | 0.74 | 1504 | 1 | 0.02 | 8 | 0.03 | 27 | <3 | <5 | <2 | 3 | 186 | <5 | <3 | 50 |
| 16724 | 0.2 | 0.89 | <3 | <3 | 40 | <3 | 1.42 | 0.1 | 4 | 146 | 4 | 1.47 | 0.26 | 0.51 | 448 | 4 | 0.02 | 7 | 0.04 | 15 | <3 | <5 | <2 | 2 | 35 | <5 | <3 | 35 |
| 16725 | 0.1 | 0.88 | <3 | <3 | 34 | <3 | 1.47 | 0.1 | 5 | 105 | 4 | 1.50 | 0.27 | 0.53 | 488 | 1 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | 2 | 44 | <5 | <3 | 35 |
| 16726 | 0.3 | 0.95 | <3 | <3 | 29 | <3 | 1.56 | 0.3 | 5 | 130 | 3 | 1.57 | 0.29 | 0.58 | 549 | 3 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 2 | 61 | <5 | <3 | 36 |
| 16727 | 0.2 | 1.23 | <3 | <3 | 36 | <3 | 1.48 | 0.1 | 7 | 91 | 3 | 1.88 | 0.29 | 0.53 | 467 | 1 | 0.02 | 3 | 0.04 | 19 | <3 | <5 | <2 | 3 | 66 | <5 | <3 | 29 |
| 16728 | 0.3 | 1.07 | <3 | <3 | 34 | <3 | 0.90 | 0.1 | 6 | 147 | 2 | 1.52 | 0.18 | 0.46 | 320 | 4 | 0.02 | 4 | 0.04 | 15 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 24 |
| 16729 | 0.1 | 1.17 | <3 | <3 | 35 | <3 | 1.45 | 0.3 | 5 | 97 | 18 | 1.72 | 0.28 | 0.60 | 565 | 1 | 0.02 | 4 | 0.04 | 17 | <3 | <5 | <2 | 3 | 48 | <5 | <3 | 38 |
| 16730 | 0.1 | 1.11 | <3 | <3 | 17 | <3 | 1.06 | 0.1 | 5 | 123 | 4 | 1.77 | 0.22 | 0.67 | 565 | 4 | 0.02 | 5 | 0.04 | 17 | <3 | <5 | <2 | 3 | 39 | <5 | <3 | 44 |
| 16731 | 0.1 | 1.01 | <3 | <3 | 18 | <3 | 0.86 | 0.5 | 5 | 63 | 3 | 1.65 | 0.18 | 0.61 | 450 | 1 | 0.02 | 60 | 0.04 | 17 | <3 | <5 | <2 | 3 | 31 | <5 | <3 | 42 |
| 16732 | 0.1 | 1.04 | 6 | <3 | 28 | <3 | 0.99 | 0.3 | 5 | 139 | 4 | 1.76 | 0.21 | 0.63 | 489 | 4 | 0.02 | 7 | 0.04 | 16 | <3 | <5 | <2 | 2 | 34 | <5 | <3 | 45 |
| 16733 | 0.2 | 0.99 | 9 | <3 | 19 | <3 | 0.94 | 0.3 | 5 | 40 | 3 | 1.67 | 0.20 | 0.64 | 469 | 1 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 3 | 31 | <5 | <3 | 44 |
| 16734 | 0.3 | 0.90 | 3 | <3 | 13 | <3 | 2.07 | 0.3 | 4 | 82 | 4 | 1.52 | 0.37 | 0.58 | 875 | 1 | 0.03 | 2 | 0.04 | 19 | <3 | <5 | <2 | 2 | 78 | <5 | <3 | 39 |
| 16735 | 0.2 | 0.98 | 3 | <3 | 11 | <3 | 0.87 | 0.1 | 5 | 69 | 3 | 1.63 | 0.18 | 0.64 | 440 | 1 | 0.02 | 66 | 0.04 | 17 | <3 | <5 | <2 | 3 | 23 | <5 | <3 | 46 |
| 16736 | 0.1 | 1.05 | 3 | <3 | 30 | <3 | 0.96 | 0.3 | 4 | 126 | 3 | 1.71 | 0.20 | 0.65 | 468 | 4 | 0.02 | 7 | 0.04 | 17 | <3 | <5 | <2 | 3 | 30 | <5 | <3 | 45 |
| 16737 | 0.2 | 0.94 | 16 | <3 | 12 | <3 | 0.93 | 0.1 | 5 | 42 | 2 | 1.61 | 0.19 | 0.59 | 440 | 1 | 0.02 | 4 | 0.04 | 15 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 41 |
| 16738 | 0.2 | 1.04 | 6 | <3 | 14 | <3 | 0.79 | 0.3 | 5 | 83 | 3 | 1.80 | 0.18 | 0.63 | 406 | 1 | 0.02 | 3 | 0.04 | 16 | <3 | <5 | <2 | 2 | 29 | <5 | <3 | 36 |
| 16739 | 0.2 | 1.29 | 7 | <3 | 24 | <3 | 1.20 | 0.5 | 7 | 63 | 2 | 2.14 | 0.26 | 0.70 | 571 | 1 | 0.02 | 64 | 0.04 | 19 | <3 | <5 | <2 | 3 | 52 | <5 | <3 | 45 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

( = Less than Minimum  is = Insufficient Sample  ns = No sample  ) = Greater than Maximum  AuFA = Fire assay/AAS

REPORT #: 890042 PA | OREQUEST CONSULTANTS | Proj: URSUS | Date In: 89/01/26 | Date Out:89/01/27 | Att: D MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16740 | 0.3 | 0.97 | <3 | <3 | 17 | <3 | 0.83 | 1.1 | 6 | 99 | 8 | 1.74 | 0.16 | 0.59 | 442 | 4 | 0.02 | 18 | 0.04 | 21 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 44 |
| 16741 | 0.3 | 1.27 | 7 | <3 | 23 | <3 | 1.33 | 0.6 | 6 | 36 | 5 | 2.21 | 0.26 | 0.74 | 669 | 2 | 0.02 | 11 | 0.04 | 24 | <3 | <5 | <2 | 3 | 57 | <5 | <3 | 54 |
| 16742 | 0.1 | 1.00 | 5 | <3 | 11 | <3 | 0.82 | 0.3 | 5 | 104 | 4 | 1.73 | 0.16 | 0.64 | 430 | 1 | 0.02 | 6 | 0.04 | 19 | <3 | <5 | <2 | 3 | 33 | <5 | <3 | 43 |
| 16743 | 0.1 | 1.13 | 3 | <3 | 16 | <3 | 0.90 | 0.5 | 5 | 131 | 4 | 1.93 | 0.18 | 0.65 | 487 | 5 | 0.02 | 6 | 0.04 | 18 | <3 | <5 | <2 | 2 | 40 | <5 | <3 | 38 |
| 16744 | 0.1 | 1.07 | <3 | <3 | 28 | <3 | 0.91 | 0.3 | 5 | 85 | 3 | 1.76 | 0.18 | 0.65 | 490 | 3 | 0.02 | 79 | 0.04 | 19 | <3 | <5 | <2 | 2 | 38 | <5 | <3 | 41 |
| 16745 | 0.1 | 1.00 | 13 | <3 | 13 | <3 | 1.01 | 0.3 | 5 | 48 | 2 | 1.77 | 0.19 | 0.60 | 516 | 1 | 0.02 | 8 | 0.04 | 18 | <3 | <5 | <2 | 2 | 38 | <5 | <3 | 41 |
| 16746 | 0.2 | 1.17 | 12 | <3 | 15 | <3 | 1.07 | 0.2 | 6 | 89 | 2 | 1.96 | 0.20 | 0.71 | 581 | 1 | 0.02 | 5 | 0.04 | 19 | <3 | <5 | <2 | 2 | 52 | <5 | <3 | 45 |
| 16747 | 0.3 | 1.24 | 8 | <3 | 16 | <3 | 0.75 | 0.6 | 7 | 69 | 2 | 2.12 | 0.17 | 0.78 | 469 | 2 | 0.02 | 72 | 0.04 | 22 | <3 | <5 | <2 | 3 | 33 | <5 | <3 | 48 |
| 16748 | 0.3 | 1.13 | 7 | <3 | 14 | <3 | 1.00 | 0.1 | 5 | 131 | 3 | 1.87 | 0.19 | 0.69 | 515 | 4 | 0.03 | 8 | 0.04 | 20 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 42 |
| 16749 | 0.3 | 1.10 | <3 | <3 | 13 | <3 | 1.21 | 0.3 | 5 | 43 | 2 | 1.85 | 0.22 | 0.66 | 567 | 1 | 0.02 | 4 | 0.04 | 19 | <3 | <5 | <2 | 2 | 49 | <5 | <3 | 41 |
| 16750 | 0.2 | 1.08 | 5 | <3 | 14 | <3 | 1.23 | 0.5 | 5 | 92 | 3 | 1.93 | 0.20 | 0.61 | 544 | 1 | 0.02 | 5 | 0.04 | 19 | <3 | <5 | <2 | 2 | 53 | <5 | <3 | 41 |
| 16751 | 0.2 | 1.00 | <3 | <3 | 13 | <3 | 0.96 | 0.2 | 5 | 73 | 2 | 1.70 | 0.18 | 0.62 | 432 | 2 | 0.02 | 76 | 0.04 | 17 | <3 | <5 | <2 | 2 | 40 | <5 | <3 | 43 |
| 16752 | 0.2 | 1.04 | <3 | <3 | 12 | <3 | 0.87 | 0.2 | 5 | 140 | 3 | 1.69 | 0.17 | 0.61 | 417 | 4 | 0.03 | 9 | 0.04 | 18 | <3 | <5 | <2 | 2 | 35 | <5 | <3 | 39 |
| 16753 | 0.2 | 1.06 | <3 | <3 | 13 | <3 | 0.86 | 0.3 | 6 | 46 | 2 | 1.85 | 0.17 | 0.61 | 416 | 1 | 0.02 | 4 | 0.04 | 19 | <3 | <5 | <2 | 2 | 36 | <5 | <3 | 35 |
| 16754 | 0.2 | 1.23 | <3 | <3 | 14 | <3 | 1.14 | 0.6 | 7 | 98 | 3 | 2.06 | 0.22 | 0.69 | 500 | 1 | 0.02 | 5 | 0.04 | 19 | <3 | <5 | <2 | 3 | 56 | <5 | <3 | 44 |
| 16755 | 0.2 | 1.11 | 13 | <3 | 12 | <3 | 1.07 | 0.1 | 6 | 87 | 3 | 1.88 | 0.20 | 0.66 | 505 | 3 | 0.03 | 78 | 0.04 | 19 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 41 |
| 16756 | 0.1 | 1.10 | 6 | <3 | 15 | <3 | 0.87 | 0.5 | 5 | 136 | 3 | 1.84 | 0.17 | 0.66 | 435 | 4 | 0.03 | 8 | 0.04 | 18 | <3 | <5 | <2 | 2 | 36 | <5 | <3 | 39 |
| 16757 | 0.1 | 1.07 | 7 | <3 | 14 | <3 | 0.87 | 0.1 | 5 | 40 | 2 | 1.74 | 0.17 | 0.62 | 412 | 1 | 0.02 | 4 | 0.04 | 17 | <3 | <5 | <2 | 2 | 38 | <5 | <3 | 41 |
| 16758 | 0.1 | 1.17 | 31 | <3 | 17 | <3 | 1.09 | 0.3 | 6 | 84 | 2 | 1.95 | 0.21 | 0.71 | 469 | 1 | 0.02 | 4 | 0.04 | 20 | <3 | <5 | <2 | 2 | 50 | <5 | <3 | 44 |
| 16759 | 0.1 | 1.21 | 27 | <3 | 17 | <3 | 1.16 | 0.3 | 6 | 65 | 2 | 2.05 | 0.22 | 0.75 | 523 | 2 | 0.02 | 67 | 0.04 | 18 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 45 |
| 16760 | 0.3 | 1.17 | 16 | <3 | 27 | <3 | 1.10 | 0.1 | 6 | 112 | 11 | 1.94 | 0.21 | 0.71 | 505 | 4 | 0.02 | 43 | 0.04 | 20 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 45 |
| 16761 | 0.2 | 1.12 | <3 | <3 | 21 | <3 | 1.09 | 0.5 | 5 | 33 | 5 | 1.74 | 0.20 | 0.68 | 465 | 1 | 0.02 | 15 | 0.04 | 19 | <3 | <5 | <2 | 2 | 40 | <5 | <3 | 43 |
| 16762 | 0.2 | 1.09 | 5 | <3 | 19 | <3 | 1.42 | 0.2 | 5 | 97 | 4 | 1.68 | 0.24 | 0.67 | 461 | 1 | 0.02 | 10 | 0.05 | 17 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 44 |
| 16763 | 0.2 | 1.17 | 35 | <3 | 13 | <3 | 1.02 | 0.5 | 6 | 68 | 3 | 1.96 | 0.20 | 0.73 | 470 | 2 | 0.02 | 79 | 0.04 | 19 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 48 |
| 16764 | 0.2 | 1.02 | 55 | <3 | 13 | <3 | 0.90 | 0.2 | 5 | 121 | 3 | 1.79 | 0.18 | 0.64 | 433 | 4 | 0.02 | 9 | 0.04 | 17 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 41 |
| 16765 | 0.1 | 1.10 | 14 | <3 | 12 | <3 | 0.87 | 0.3 | 5 | 39 | 2 | 1.80 | 0.17 | 0.72 | 447 | 1 | 0.02 | 5 | 0.04 | 18 | <3 | <5 | <2 | 2 | 38 | <5 | <3 | 45 |
| 16766 | 0.1 | 1.01 | 10 | <3 | 13 | <3 | 0.81 | 0.2 | 4 | 83 | 2 | 1.67 | 0.16 | 0.65 | 378 | 1 | 0.02 | 3 | 0.04 | 16 | <3 | <5 | <2 | 2 | 31 | <5 | <3 | 39 |
| 16767 | 0.1 | 1.19 | 18 | <3 | 17 | <3 | 1.04 | 0.6 | 6 | 63 | 2 | 1.99 | 0.20 | 0.78 | 458 | 1 | 0.02 | 68 | 0.04 | 18 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 46 |
| 16768 | 0.1 | 0.79 | 32 | <3 | 8 | <3 | 0.88 | 0.2 | 5 | 133 | 2 | 1.45 | 0.16 | 0.49 | 383 | 4 | 0.02 | 7 | 0.04 | 13 | <3 | <5 | <2 | <2 | 32 | <5 | <3 | 34 |
| 16769 | 0.2 | 0.90 | 31 | <3 | 16 | <3 | 1.20 | 0.3 | 4 | 36 | 2 | 1.65 | 0.21 | 0.59 | 438 | 1 | 0.02 | 3 | 0.04 | 17 | <3 | <5 | <2 | 2 | 48 | <5 | <3 | 37 |
| 16770 | 0.2 | 1.28 | 48 | <3 | 28 | <3 | 1.46 | 0.3 | 6 | 66 | 3 | 2.13 | 0.27 | 0.87 | 496 | 1 | 0.01 | 3 | 0.05 | 19 | <3 | <5 | <2 | 2 | 57 | <5 | <3 | 53 |
| 16771 | 0.2 | 2.49 | 7 | <3 | 27 | 3 | 1.96 | 1.1 | 13 | 65 | 3 | 3.61 | 0.38 | 1.88 | 802 | 3 | 0.01 | 4 | 0.05 | 33 | <3 | <5 | <2 | 4 | 69 | <5 | <3 | 96 |
| 16772 | 0.3 | 2.41 | 18 | <3 | 26 | <3 | 2.05 | 1.1 | 13 | 37 | 4 | 3.60 | 0.40 | 1.83 | 794 | 2 | 0.01 | 37 | 0.05 | 36 | <3 | <5 | <2 | 3 | 66 | <5 | <3 | 96 |
| 16773 | 0.2 | 1.10 | 29 | <3 | 32 | <3 | 1.66 | 0.2 | 5 | 74 | 3 | 1.69 | 0.28 | 0.70 | 472 | 1 | 0.02 | 5 | 0.04 | 17 | <3 | <5 | <2 | <2 | 54 | <5 | <3 | 43 |
| 16774 | 0.2 | 1.25 | 30 | <3 | 22 | <3 | 1.91 | 0.6 | 6 | 35 | 4 | 2.03 | 0.32 | 0.87 | 591 | 1 | 0.02 | 4 | 0.04 | 22 | <3 | <5 | <2 | 2 | 75 | <5 | <3 | 53 |
| 16775 | 0.3 | 1.02 | 28 | <3 | 30 | <3 | 1.61 | 0.5 | 6 | 89 | 10 | 1.98 | 0.28 | 0.76 | 575 | 2 | 0.02 | 4 | 0.04 | 21 | <3 | <5 | <2 | 2 | 63 | <5 | <3 | 40 |
| 16776 | 0.3 | 1.10 | 19 | <3 | 38 | <3 | 1.59 | 0.6 | 6 | 46 | 6 | 1.78 | 0.27 | 0.72 | 502 | 1 | 0.02 | 52 | 0.04 | 20 | <3 | <5 | <2 | 2 | 57 | <5 | <3 | 45 |
| 16777 | 0.3 | 0.96 | <3 | <3 | 28 | <3 | 1.58 | 0.3 | 5 | 71 | 8 | 1.77 | 0.24 | 0.67 | 534 | 1 | 0.02 | 6 | 0.04 | 18 | <3 | <5 | <2 | 2 | 58 | <5 | <3 | 40 |
| 16778 | 0.2 | 0.81 | 40 | <3 | 40 | <3 | 1.54 | 0.3 | 5 | 39 | 7 | 1.70 | 0.26 | 0.58 | 530 | <1 | 0.02 | 4 | 0.04 | 17 | <3 | <5 | <2 | 2 | 66 | <5 | <3 | 50 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

REPORT #: B90042 PA | OREQUEST CONSULTANTS | Proj: URSUS | Date In: 89/01/26 | Date Out:89/01/27 | Att: D MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16779 | 0.4 | 1.62 | 61 | <3 | 33 | <3 | 1.77 | 1.2 | 9 | 92 | 16 | 2.60 | 0.30 | 1.04 | 720 | 5 | 0.01 | 18 | 0.05 | 29 | <3 | <5 | <2 | 4 | 74 | <5 | <3 | 88 |
| 16780 | 0.1 | 1.35 | 10 | <3 | 22 | <3 | 2.07 | 0.6 | 7 | 56 | 20 | 2.06 | 0.31 | 0.86 | 662 | 3 | 0.01 | 64 | 0.05 | 21 | <3 | <5 | <2 | 3 | 74 | <5 | <3 | 76 |
| 16781 | 0.1 | 1.44 | 22 | <3 | 17 | <3 | 1.86 | 0.6 | 8 | 71 | 36 | 2.26 | 0.30 | 0.90 | 641 | 2 | 0.02 | 9 | 0.04 | 21 | <3 | <5 | <2 | 3 | 70 | <5 | <3 | 82 |
| 16782 | 0.1 | 1.68 | 21 | <3 | 23 | <3 | 2.06 | 0.7 | 8 | 30 | 33 | 2.55 | 0.33 | 1.09 | 712 | 3 | 0.01 | 5 | 0.05 | 27 | <3 | <5 | <2 | 3 | 85 | <5 | <3 | 103 |
| 16783 | 0.7 | 0.57 | 33 | 14 | 15 | <3 | 1.79 | 0.2 | 5 | 196 | 75 | 1.43 | 0.24 | 0.28 | 502 | 7 | 0.02 | 6 | 0.03 | 105 | <3 | <5 | <2 | 2 | 86 | <5 | 15 | 29 |
| 16784 | 0.5 | 1.08 | 45 | <3 | 15 | <3 | 2.04 | 0.3 | 5 | 56 | 19 | 1.64 | 0.29 | 0.71 | 606 | 2 | 0.02 | 51 | 0.04 | 46 | <3 | <5 | <2 | 2 | 86 | <5 | <3 | 71 |
| 16785 | 0.4 | 1.20 | 25 | <3 | 14 | <3 | 2.22 | 0.3 | 5 | 63 | 56 | 1.80 | 0.33 | 0.81 | 637 | 3 | 0.02 | 6 | 0.04 | 55 | <3 | <5 | <2 | 3 | 90 | <5 | <3 | 84 |
| 16786 | 0.5 | 1.02 | 24 | <3 | 14 | <3 | 2.21 | 0.5 | 5 | 29 | 78 | 1.65 | 0.33 | 0.73 | 616 | 3 | 0.02 | 4 | 0.04 | 42 | <3 | <5 | <2 | 3 | 87 | <5 | <3 | 63 |
| 16787 | 0.1 | 1.18 | 6 | <3 | 18 | <3 | 1.82 | 0.3 | 4 | 128 | 16 | 1.77 | 0.27 | 0.69 | 597 | 5 | 0.02 | 4 | 0.04 | 24 | <3 | <5 | <2 | 2 | 72 | <5 | <3 | 60 |
| 16788 | 0.2 | 1.01 | <3 | <3 | 41 | <3 | 1.86 | 0.5 | 5 | 76 | 7 | 1.74 | 0.28 | 0.69 | 641 | 2 | 0.02 | 79 | 0.04 | 17 | <3 | <5 | <2 | 2 | 56 | <5 | <3 | 59 |
| 16789 | 0.1 | 0.93 | <3 | <3 | 12 | <3 | 1.69 | 0.2 | 4 | 36 | 4 | 1.57 | 0.27 | 0.58 | 552 | <1 | 0.02 | 7 | 0.04 | 14 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 47 |
| 16790 | 0.2 | 1.01 | <3 | <3 | 12 | <3 | 1.69 | 0.1 | 5 | 133 | 5 | 1.70 | 0.25 | 0.60 | 594 | 4 | 0.02 | 6 | 0.04 | 16 | <3 | <5 | <2 | <2 | 35 | <5 | <3 | 45 |
| 16791 | 0.2 | 1.19 | <3 | <3 | 11 | <3 | 1.53 | 0.5 | 6 | 60 | 4 | 1.98 | 0.27 | 0.70 | 592 | 2 | 0.02 | 47 | 0.04 | 16 | <3 | <5 | <2 | 3 | 32 | <5 | <3 | 52 |
| 16792 | 0.1 | 1.02 | <3 | <3 | 10 | <3 | 2.09 | 0.3 | 5 | 96 | 6 | 1.81 | 0.31 | 0.57 | 704 | 1 | 0.02 | 5 | 0.04 | 15 | <3 | <5 | <2 | 2 | 47 | <5 | <3 | 44 |
| 16793 | 0.2 | 1.50 | <3 | <3 | 16 | <3 | 2.08 | 0.5 | 6 | 51 | 5 | 2.22 | 0.34 | 0.84 | 669 | 2 | 0.02 | 37 | 0.04 | 20 | <3 | <5 | <2 | 3 | 46 | <5 | <3 | 56 |
| 16794 | 0.1 | 0.97 | <3 | <3 | 19 | <3 | 1.54 | 0.2 | 4 | 83 | 10 | 1.41 | 0.25 | 0.50 | 467 | 1 | 0.02 | 6 | 0.03 | 14 | <3 | <5 | <2 | 2 | 33 | <5 | <3 | 37 |
| 16795 | 0.1 | 1.11 | <3 | <3 | 21 | <3 | 1.58 | 0.2 | 5 | 35 | 5 | 1.62 | 0.27 | 0.63 | 489 | 1 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 3 | 32 | <5 | <3 | 41 |
| 16796 | 0.4 | 1.41 | <3 | <3 | 34 | <3 | 1.82 | 0.2 | 6 | 96 | 6 | 2.03 | 0.31 | 0.77 | 504 | 3 | 0.02 | 4 | 0.05 | 21 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 49 |
| 16797 | 0.1 | 1.06 | <3 | <3 | 99 | <3 | 1.99 | 0.1 | 4 | 54 | 4 | 1.42 | 0.31 | 0.57 | 433 | 1 | 0.02 | 49 | 0.05 | 14 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 36 |
| 16798 | 0.1 | 1.11 | <3 | <3 | 37 | <3 | 1.85 | 0.1 | .5 | 66 | 7 | 1.56 | 0.28 | 0.64 | 463 | 2 | 0.02 | 5 | 0.04 | 16 | <3 | <5 | <2 | 2 | 35 | <5 | <3 | 43 |
| 16799 | 0.4 | 1.39 | 6 | <3 | 22 | <3 | 1.44 | 0.3 | 7 | 132 | 17 | 2.31 | 0.28 | 0.89 | 585 | 5 | 0.02 | 44 | 0.07 | 23 | <3 | <5 | <2 | 3 | 24 | <5 | <3 | 57 |
| 16800 | 0.1 | 1.77 | 7 | <3 | 18 | <3 | 1.76 | 0.6 | 8 | 34 | 10 | 2.82 | 0.34 | 1.20 | 819 | 2 | 0.02 | 18 | 0.08 | 24 | <3 | <5 | <2 | 3 | 31 | <5 | <3 | 71 |
| 16801 | 0.1 | 1.89 | <3 | <3 | 33 | <3 | 1.65 | 0.7 | 8 | 49 | 8 | 2.75 | 0.32 | 1.29 | 876 | 3 | 0.02 | 58 | 0.08 | 28 | <3 | <5 | <2 | 4 | 42 | <5 | <3 | 74 |
| 16802 | 0.4 | 1.81 | <3 | <3 | 19 | <3 | 1.46 | 0.5 | 10 | 65 | 5 | 2.58 | 0.30 | 1.17 | 759 | 3 | 0.02 | 8 | 0.06 | 27 | <3 | <5 | <2 | 4 | 55 | <5 | <3 | 66 |
| 16803 | 0.4 | 1.73 | <3 | <3 | 38 | <3 | 1.78 | 0.5 | 9 | 87 | 6 | 2.61 | 0.32 | 1.10 | 739 | 4 | 0.02 | 7 | 0.06 | 27 | <3 | <5 | <2 | 3 | 56 | <5 | <3 | 65 |
| 16804 | 0.4 | 1.16 | 4 | <3 | 25 | <3 | 1.30 | 0.5 | 6 | 36 | 6 | 1.87 | 0.25 | 0.71 | 569 | 2 | 0.02 | 4 | 0.04 | 21 | <3 | <5 | <2 | 3 | 35 | <5 | <3 | 64 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890045 GA JOB NUMBER: 890045 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au ppb |
|---|---|
| 16805 | 10 |
| 16901 | 40 |
| 16902 | 80 |
| 16903 | 70 |
| 16904 | 90 |
| 16905 | 130 |
| 16906 | 130 |
| 16907 | 180 |
| 16908 | 40 |
| 16909 | 20 |
| 16910 | 20 |
| 16911 | 10 |
| 16912 | 10 |
| 16913 | 200 |
| 16914 | 150 |
| 16915 | 100 |
| 16916 | nd |
| 16917 | nd |
| 16918 | nd |
| 16919 | 10 |
| 16920 | 20 |
| 16921 | 55 |
| 16922 | 10 |
| 16923 | 50 |
| 16924 | 40 |
| 16925 | 30 |
| 16926 | 10 |
| 16927 | 10 |
| 16928 | 30 |
| 16929 | 40 |
| 16930 | 10 |
| 16931 | 40 |
| 16932 | 15 |
| 16933 | 65 |
| 16934 | 95 |
| 16935 | 210 |
| 16936 | 390 |
| 16937 | 500 |
| 16938 | 750 |
| DETECTION LIMIT | 5 |

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16939 | 230 |
| 16940 | 150 |
| 16941 | 50 |
| 16942 | 90 |
| 16943 | 50 |
| 16944 | 30 |
| 16945 | 20 |
| 16946 | 90 |
| 16947 | 30 |
| 16948 | 30 |
| 16949 | 140 |
| 16950 | 25 |
| 16951 | 260 |
| 16952 | 60 |
| 16953 | 60 |
| 16954 | 5 |
| 16955 | 20 |
| 16956 | 30 |
| 16957 | 20 |
| 16958 | 30 |
| 16959 | 50 |
| 16960 | 60 |
| 16961 | 30 |
| 16962 | 50 |
| 16963 | 40 |
| 16964 | 40 |
| 16965 | 785 |
| 16966 | > 10000 |
| 16967 | 80 |
| 16968 | 30 |
| 16969 | 20 |
| 16970 | 20 |
| 16971 | 10 |
| 16972 | 15 |
| 16973 | 30 |
| 16974 | 10 |
| 16975 | 10 |
| 16976 | nd |
| 16977 | 20 |
| DETECTION LIMIT | 5 |

nd = none detected  -- = not analysed  is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16978 | 20 |
| 16979 | 10 |
| 16980 | 10 |
| 16981 | 20 |
| 16982 | 10 |
| 16983 | nd |
| 16984 | 20 |
| 16985 | nd |
| 16986 | 20 |
| 16987 | 20 |
| 16988 | 25 |
| 16989 | 5 |
| 16990 | 20 |
| 16991 | 20 |
| 16992 | 20 |
| 16993 | 20 |
| 16994 | 540 |
| 16995 | 190 |
| 16996 | 140 |
| 16997 | 30 |
| 16998 | 100 |
| 16999 | 20 |
| 17000 | 60 |

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
1988 TRIUMPH ST.
VANCOUVER, B.C. V5L 1K5
● (604) 251-5656
● FAX (604) 254-5717

BRANCH OFFICES
PASADENA, NFLD.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890045 AA JOB NUMBER: 890045 OREQUEST CONSULTANTS LTD. 

| SAMPLE # | Au oz/st |
|---|---|
| 16966 | 1.057 |

DETECTION LIMIT .005

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 ppm = parts per million < = less than

signed: _____

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 Triumph Street, Vancouver, B.C. V5L 1K5 Ph:(604)251-5656 Telex:04-352578
BRANCH OFFICE: 1630 Pandora Street, Vancouver, B.C. V5L 1L6 Ph:(604)251-7282 Fax:(604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

A .5 grae sample is digested with 5 ml of 3:1:2 HCl to $HNO_3$ to $H_2O$ at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Pd, Pt, Sn, Sr and W.

REPORT #: 890045 PA | OREQUEST CONSULTANTS | Proj: URSUS | Date In: 89/01/26 | Date Out:89/01/27 | Att: D MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16905 | 0.1 | 0.86 | 55 | <3 | 50 | <3 | 1.00 | 0.1 | 4 | 160 | 4 | 1.60 | 0.23 | 0.47 | 417 | 5 | 0.02 | 5 | 0.04 | 15 | <3 | <5 | <2 | 2 | 26 | <5 | <3 | 33 |
| 16906 | 0.1 | 0.68 | 77 | <3 | 38 | <3 | 1.63 | 0.1 | 4 | 88 | 4 | 1.47 | 0.30 | 0.47 | 532 | 2 | 0.02 | 107 | 0.04 | 15 | <3 | <5 | <2 | 2 | <1 | <5 | <3 | 28 |
| 16907 | 0.2 | 0.74 | 111 | <3 | 38 | <3 | 1.47 | 0.1 | 5 | 99 | 4 | 1.65 | 0.31 | 0.49 | 463 | 1 | 0.01 | 10 | 0.04 | 21 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 36 |
| 16908 | 0.1 | 0.91 | 99 | <3 | 46 | <3 | 1.39 | 0.1 | 4 | 152 | 3 | 1.46 | 0.25 | 0.49 | 394 | 5 | 0.01 | 6 | 0.04 | 18 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 40 |
| 16909 | 0.1 | 0.93 | 8 | <3 | 46 | <3 | 1.67 | 0.1 | 4 | 48 | 4 | 1.34 | 0.30 | 0.42 | 402 | 1 | 0.01 | 4 | 0.04 | 16 | <3 | <5 | <2 | <2 | 40 | <5 | <3 | 39 |
| 16910 | 0.1 | 0.91 | 3 | <3 | 33 | <3 | 1.73 | 0.1 | 4 | 73 | 3 | 1.29 | 0.30 | 0.38 | 359 | 1 | 0.01 | 74 | 0.04 | 17 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 36 |
| 16911 | 0.3 | 2.60 | 10 | <3 | 45 | 8 | 3.52 | 1.2 | 14 | 14 | 51 | 3.92 | 0.72 | 1.37 | 946 | 2 | 0.01 | 6 | 0.07 | 36 | <3 | <5 | <2 | 4 | 84 | <5 | <3 | 93 |
| 16912 | 0.1 | 0.99 | 3 | <3 | 43 | <3 | 1.72 | 0.2 | 4 | 106 | 7 | 1.33 | 0.31 | 0.43 | 418 | 1 | 0.02 | 4 | 0.04 | 19 | <3 | <5 | <2 | 2 | 52 | <5 | <3 | 38 |
| 16913 | 0.3 | 0.99 | 183 | <3 | 42 | <3 | 1.67 | 0.1 | 4 | 156 | 5 | 1.44 | 0.30 | 0.47 | 429 | 5 | 0.02 | 6 | 0.03 | 23 | <3 | <5 | <2 | 2 | 57 | <5 | <3 | 37 |
| 16914 | 0.1 | 0.75 | 136 | <3 | 39 | <3 | 1.29 | 0.1 | 4 | 106 | 4 | 1.29 | 0.23 | 0.34 | 333 | 1 | 0.02 | 5 | 0.04 | 20 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 29 |
| 16915 | 0.1 | 0.83 | 47 | <3 | 50 | <3 | 1.63 | 0.1 | 3 | 149 | 4 | 1.29 | 0.32 | 0.43 | 412 | 5 | 0.02 | 4 | 0.03 | 15 | <3 | <5 | <2 | <2 | 53 | <5 | <3 | 37 |
| 16916 | 0.1 | 0.84 | 3 | <3 | 53 | <3 | 1.61 | 0.1 | 3 | 99 | 3 | 1.19 | 0.28 | 0.43 | 394 | 1 | 0.02 | 3 | 0.04 | 15 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 35 |
| 16917 | 0.2 | 0.98 | <3 | <3 | 34 | <3 | 1.37 | 0.1 | 4 | 67 | 2 | 1.27 | 0.23 | 0.46 | 318 | 1 | 0.02 | 73 | 0.04 | 15 | <3 | <5 | <2 | <2 | 33 | <5 | <3 | 34 |
| 16918 | 0.1 | 1.11 | <3 | <3 | 40 | <3 | 1.23 | 0.1 | 4 | 45 | 2 | 1.37 | 0.21 | 0.48 | 331 | 1 | 0.02 | 6 | 0.04 | 16 | <3 | <5 | <2 | 2 | 30 | <5 | <3 | 41 |
| 16919 | 0.2 | 0.99 | <3 | <3 | 30 | <3 | 1.03 | 0.1 | 4 | 98 | 7 | 1.46 | 0.23 | 0.47 | 335 | 3 | 0.02 | 95 | 0.04 | 17 | <3 | <5 | <2 | 2 | 26 | <5 | <3 | 39 |
| 16920 | 0.3 | 1.03 | <3 | <3 | 23 | <3 | 1.63 | 0.1 | 2 | 57 | 12 | 1.14 | 0.29 | 0.14 | 314 | 1 | 0.02 | 42 | 0.03 | 18 | <3 | <5 | <2 | 2 | 93 | <5 | <3 | 13 |
| 16921 | 0.1 | 1.37 | <3 | <3 | 24 | <3 | 0.93 | 0.3 | 7 | 72 | 5 | 1.77 | 0.18 | 0.59 | 322 | 2 | 0.01 | 83 | 0.04 | 18 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 28 |
| 16922 | 0.2 | 1.30 | <3 | <3 | 26 | <3 | 1.72 | 0.2 | 4 | 55 | 4 | 1.54 | 0.32 | 0.30 | 388 | 1 | 0.02 | 13 | 0.03 | 21 | <3 | <5 | <2 | 2 | 92 | <5 | <3 | 15 |
| 16923 | 0.2 | 0.98 | 7 | <3 | 24 | <3 | 1.23 | 0.2 | 4 | 72 | 3 | 1.41 | 0.23 | 0.48 | 481 | 1 | 0.02 | 92 | 0.03 | 16 | <3 | <5 | <2 | 2 | 63 | <5 | <3 | 33 |
| 16924 | 0.2 | 1.06 | 28 | <3 | 26 | <3 | 1.03 | 0.4 | 5 | 134 | 3 | 1.72 | 0.21 | 0.56 | 439 | 4 | 0.02 | 10 | 0.04 | 17 | <3 | <5 | <2 | 2 | 48 | <5 | <3 | 38 |
| 16925 | 0.3 | 1.02 | 12 | <3 | 15 | <3 | 1.10 | 0.3 | 4 | 91 | 2 | 1.49 | 0.21 | 0.48 | 412 | 1 | 0.02 | 5 | 0.03 | 17 | <3 | <5 | <2 | 2 | 49 | <5 | <3 | 33 |
| 16926 | 0.2 | 1.09 | 10 | <3 | 21 | <3 | 0.99 | 0.3 | 5 | 45 | 2 | 1.61 | 0.20 | 0.55 | 413 | 1 | 0.02 | 4 | 0.04 | 18 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 35 |
| 16927 | 0.2 | 1.08 | 7 | <3 | 28 | <3 | 1.52 | 0.3 | 4 | 73 | 2 | 1.57 | 0.29 | 0.58 | 606 | 2 | 0.02 | 74 | 0.04 | 19 | <3 | <5 | <2 | 2 | 73 | <5 | <3 | 39 |
| 16928 | 0.2 | 1.08 | 19 | <3 | 32 | <3 | 0.94 | 0.3 | 4 | 127 | 2 | 1.59 | 0.18 | 0.59 | 463 | 4 | 0.02 | 7 | 0.04 | 18 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 41 |
| 16929 | 0.1 | 0.93 | 37 | <3 | 23 | <3 | 1.08 | 0.2 | 5 | 89 | 3 | 1.71 | 0.21 | 0.48 | 457 | 1 | 0.02 | 3 | 0.03 | 18 | <3 | <5 | <2 | 3 | 49 | <5 | <3 | 35 |
| 16930 | 0.1 | 1.06 | 15 | <3 | 22 | <3 | 0.85 | 0.5 | 4 | 46 | 2 | 1.56 | 0.17 | 0.58 | 423 | 1 | 0.02 | 4 | 0.04 | 18 | <3 | <5 | <2 | 2 | 33 | <5 | <3 | 40 |
| 16931 | 0.2 | 1.19 | 25 | <3 | 19 | <3 | 0.99 | 0.2 | 5 | 70 | 2 | 1.76 | 0.20 | 0.64 | 477 | 2 | 0.02 | 64 | 0.04 | 20 | <3 | <5 | <2 | 3 | 47 | <5 | <3 | 37 |
| 16932 | 0.2 | 1.31 | 6 | <3 | 22 | <3 | 0.73 | 0.5 | 6 | 131 | 2 | 1.88 | 0.17 | 0.68 | 406 | 4 | 0.02 | 7 | 0.04 | 21 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 31 |
| 16933 | 0.2 | 1.19 | 19 | <3 | 22 | <3 | 0.76 | 0.3 | 5 | 101 | 4 | 1.82 | 0.17 | 0.64 | 383 | 1 | 0.02 | 5 | 0.04 | 20 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 35 |
| 16934 | 0.2 | 1.19 | 24 | <3 | 18 | <3 | 0.81 | 0.2 | 5 | 43 | 3 | 1.80 | 0.18 | 0.67 | 416 | 1 | 0.02 | 4 | 0.04 | 20 | <3 | <5 | <2 | 3 | 30 | <5 | <3 | 40 |
| 16935 | 0.1 | 1.03 | 48 | <3 | 32 | <3 | 0.82 | 0.1 | 5 | 76 | 4 | 1.59 | 0.17 | 0.58 | 414 | 2 | 0.02 | 73 | 0.04 | 17 | <3 | <5 | <2 | 2 | 36 | <5 | <3 | 39 |
| 16936 | 0.1 | 0.99 | 67 | <3 | 35 | <3 | 0.84 | 0.1 | 5 | 140 | 3 | 1.63 | 0.17 | 0.54 | 395 | 4 | 0.02 | 7 | 0.04 | 16 | <3 | <5 | <2 | 2 | 38 | <5 | <3 | 37 |
| 16937 | 0.2 | 0.96 | 61 | <3 | 25 | <3 | 0.84 | 0.1 | 4 | 48 | 3 | 1.57 | 0.17 | 0.56 | 407 | 1 | 0.02 | 5 | 0.04 | 16 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 39 |
| 16938 | 0.2 | 0.81 | 67 | <3 | 24 | <3 | 0.96 | 0.1 | 5 | 105 | 2 | 1.46 | 0.18 | 0.42 | 436 | 1 | 0.02 | 4 | 0.03 | 15 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 31 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

REPORT #: 890045 PA | OREQUEST CONSULTANTS | Proj: URSUS | Date In: 89/01/26 | Date Out:89/01/27 | Att: D MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16939 | 0.3 | 1.16 | 55 | <3 | 32 | <3 | 0.91 | 1.2 | 6 | 169 | 8 | 1.91 | 0.18 | 0.61 | 418 | 5 | 0.02 | 20 | 0.04 | 23 | <3 | <5 | <2 | 3 | 38 | <5 | <3 | 51 |
| 16940 | 0.2 | 1.13 | 51 | <3 | 30 | <3 | 1.00 | 0.6 | 6 | 138 | 6 | 1.94 | 0.18 | 0.59 | 438 | 4 | 0.02 | 91 | 0.04 | 19 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 48 |
| 16941 | 0.2 | 1.13 | 34 | <3 | 26 | <3 | 1.37 | 0.5 | 5 | 60 | 4 | 1.87 | 0.23 | 0.61 | 554 | 1 | 0.02 | 12 | 0.04 | 18 | <3 | <5 | <2 | 2 | 58 | <5 | <3 | 47 |
| 16942 | 0.3 | 1.01 | 56 | <3 | 21 | <3 | 1.19 | 0.3 | 5 | 125 | 4 | 1.76 | 0.21 | 0.53 | 510 | 1 | 0.02 | 8 | 0.04 | 19 | <3 | <5 | <2 | 2 | 55 | <5 | <3 | 40 |
| 16943 | 0.2 | 1.30 | 20 | <3 | 33 | <3 | 1.21 | 0.4 | 5 | 159 | 3 | 1.96 | 0.21 | 0.64 | 517 | 4 | 0.02 | 7 | 0.04 | 20 | <3 | <5 | <2 | 2 | 56 | <5 | <3 | 50 |
| 16944 | 0.3 | 1.22 | 11 | <3 | 26 | <3 | 1.25 | 0.4 | 5 | 92 | 3 | 1.90 | 0.21 | 0.59 | 421 | 2 | 0.02 | 72 | 0.04 | 20 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 42 |
| 16945 | 0.3 | 1.17 | 21 | <3 | 24 | <3 | 1.23 | 0.2 | 5 | 55 | 3 | 1.87 | 0.21 | 0.57 | 449 | 1 | 0.02 | 7 | 0.04 | 19 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 43 |
| 16946 | 0.4 | 1.22 | 15 | <3 | 26 | <3 | 1.27 | 0.4 | 5 | 102 | 2 | 1.77 | 0.21 | 0.59 | 437 | 1 | 0.02 | 5 | 0.04 | 20 | <3 | <5 | <2 | 2 | 49 | <5 | <3 | 39 |
| 16947 | 0.3 | 1.20 | 13 | <3 | 25 | <3 | 1.34 | 0.2 | 4 | 151 | 3 | 1.69 | 0.23 | 0.61 | 494 | 4 | 0.02 | 5 | 0.04 | 18 | <3 | <5 | <2 | 2 | 64 | <5 | <3 | 42 |
| 16948 | 0.3 | 1.30 | 15 | <3 | 28 | <3 | 1.60 | 0.2 | 5 | 80 | 3 | 1.84 | 0.27 | 0.70 | 624 | 2 | 0.02 | 68 | 0.04 | 19 | <3 | <5 | <2 | 2 | 88 | <5 | <3 | 49 |
| 16949 | 0.1 | 1.20 | 26 | <3 | 30 | <3 | 1.17 | 0.3 | 4 | 54 | 2 | 1.74 | 0.21 | 0.63 | 480 | 1 | 0.02 | 7 | 0.04 | 16 | <3 | <5 | <2 | 2 | 64 | <5 | <3 | 47 |
| 16950 | 0.1 | 1.19 | 5 | <3 | 17 | <3 | 0.81 | 0.3 | 4 | 36 | 2 | 1.78 | 0.16 | 0.63 | 426 | 2 | 0.02 | 80 | 0.04 | 14 | <3 | <5 | <2 | 2 | 34 | <5 | <3 | 49 |
| 16951 | 0.1 | 1.05 | 13 | <3 | 11 | <3 | 0.83 | 0.1 | 3 | 118 | 2 | 1.62 | 0.16 | 0.54 | 440 | 1 | 0.02 | 8 | 0.03 | 16 | <3 | <5 | <2 | 2 | 36 | <5 | <3 | 42 |
| 16952 | 0.1 | 1.13 | 11 | <3 | 12 | <3 | 0.85 | 0.3 | 3 | 159 | 3 | 1.69 | 0.17 | 0.57 | 465 | 4 | 0.02 | 6 | 0.04 | 15 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 43 |
| 16953 | 0.2 | 0.95 | 15 | <3 | 5 | <3 | 0.64 | 0.1 | 3 | 58 | 1 | 1.54 | 0.13 | 0.49 | 371 | 1 | 0.02 | 3 | 0.03 | 12 | <3 | <5 | <2 | 2 | 30 | <5 | <3 | 39 |
| 16954 | 0.1 | 1.17 | <3 | <3 | 7 | <3 | 0.76 | 0.1 | 4 | 98 | 2 | 1.79 | 0.16 | 0.56 | 445 | 2 | 0.02 | 80 | 0.04 | 14 | <3 | <5 | <2 | <2 | 37 | <5 | <3 | 45 |
| 16955 | 0.1 | 1.06 | <3 | <3 | 10 | <3 | 0.72 | 0.1 | 3 | 128 | 2 | 1.62 | 0.15 | 0.53 | 431 | 1 | 0.02 | 8 | 0.03 | 14 | <3 | <5 | <2 | 2 | 31 | <5 | <3 | 41 |
| 16956 | 0.2 | 1.07 | <3 | <3 | 7 | <3 | 0.93 | 0.2 | 3 | 170 | 2 | 1.72 | 0.18 | 0.49 | 489 | 5 | 0.02 | 6 | 0.03 | 14 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 40 |
| 16957 | 0.1 | 1.19 | <3 | <3 | 10 | <3 | 1.18 | 0.1 | 3 | 122 | 1 | 1.80 | 0.21 | 0.54 | 560 | 1 | 0.02 | 5 | 0.03 | 16 | <3 | <5 | <2 | 2 | 56 | <5 | <3 | 41 |
| 16958 | 0.1 | 1.22 | <3 | <3 | 11 | <3 | 1.19 | 0.2 | 4 | 58 | 3 | 1.88 | 0.21 | 0.55 | 491 | 1 | 0.01 | 3 | 0.03 | 16 | <3 | <5 | <2 | 2 | 53 | <5 | <3 | 41 |
| 16959 | 0.1 | 1.20 | <3 | <3 | 12 | <3 | 1.08 | 0.4 | 5 | 89 | 8 | 1.91 | 0.20 | 0.59 | 445 | 2 | 0.01 | 101 | 0.04 | 16 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 48 |
| 16960 | 0.2 | 1.16 | <3 | <3 | 12 | <3 | 1.73 | 0.1 | 4 | 55 | 4 | 1.69 | 0.28 | 0.55 | 584 | 1 | 0.02 | 18 | 0.04 | 15 | <3 | <5 | <2 | 2 | 64 | <5 | <3 | 47 |
| 16961 | 0.2 | 1.71 | <3 | <3 | 14 | <3 | 1.82 | 0.5 | 6 | 142 | 3 | 2.37 | 0.32 | 0.86 | 549 | 4 | 0.01 | 11 | 0.04 | 22 | <3 | <5 | <2 | 2 | 59 | <5 | <3 | 66 |
| 16962 | 0.2 | 1.77 | 4 | <3 | 12 | <3 | 1.83 | 0.5 | 6 | 92 | 22 | 2.48 | 0.32 | 0.93 | 593 | 2 | 0.01 | 7 | 0.05 | 22 | <3 | <5 | <2 | 2 | 61 | <5 | <3 | 75 |
| 16963 | 0.1 | 2.34 | 8 | <3 | 15 | <3 | 1.74 | 0.6 | 8 | 51 | 29 | 2.95 | 0.32 | 1.19 | 639 | 4 | 0.01 | 39 | 0.05 | 29 | <3 | <5 | <2 | 3 | 84 | <5 | <3 | 87 |
| 16964 | 0.2 | 2.66 | 7 | <3 | 13 | <3 | 2.25 | 1.2 | 13 | 28 | 31 | 3.56 | 0.41 | 1.47 | 840 | 2 | 0.01 | 7 | 0.05 | 33 | <3 | <5 | <2 | 4 | 95 | <5 | <3 | 105 |
| 16965 | 0.3 | 2.02 | 7 | <3 | 16 | <3 | 1.92 | 0.6 | 5 | 83 | 11 | 2.35 | 0.32 | 0.93 | 585 | 3 | 0.02 | 4 | 0.05 | 26 | <3 | <5 | <2 | 3 | 111 | <5 | <3 | 74 |
| 16966 | 18.4 | 0.66 | 24 | 31 | 211 | <3 | 2.12 | 0.2 | 3 | 92 | 11 | 1.29 | 0.32 | 0.32 | 594 | 1 | 0.02 | 4 | 0.02 | 36 | <3 | <5 | <2 | <2 | 114 | <5 | <3 | 34 |
| 16967 | 0.2 | 1.03 | <3 | <3 | 130 | <3 | 1.94 | 0.2 | 4 | 46 | 3 | 1.82 | 0.31 | 0.47 | 505 | 1 | 0.02 | 4 | 0.03 | 20 | <3 | <5 | <2 | 2 | 69 | <5 | <3 | 48 |
| 16968 | 0.2 | 1.18 | <3 | <3 | 28 | <3 | 1.92 | 0.1 | 4 | 59 | 5 | 1.64 | 0.30 | 0.54 | 543 | 1 | 0.02 | 49 | 0.04 | 17 | <3 | <5 | <2 | 2 | 51 | <5 | <3 | 42 |
| 16969 | 0.1 | 0.99 | <3 | <3 | 37 | <3 | 1.62 | 0.1 | 2 | 42 | 1 | 1.29 | 0.23 | 0.42 | 367 | 1 | 0.02 | 5 | 0.03 | 13 | <3 | <5 | <2 | 2 | 37 | <5 | <3 | 35 |
| 16970 | 0.1 | 1.29 | <3 | <3 | 20 | <3 | 2.04 | 0.2 | 4 | 57 | 2 | 1.78 | 0.32 | 0.59 | 430 | 2 | 0.02 | 46 | 0.04 | 17 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 50 |
| 16971 | 0.1 | 0.60 | <3 | <3 | 17 | <3 | 1.77 | 0.1 | 2 | 33 | 1 | 1.13 | 0.27 | 0.46 | 347 | 1 | 0.02 | 4 | 0.03 | 10 | <3 | <5 | <2 | 2 | 54 | <5 | <3 | 34 |
| 16972 | 0.1 | 1.27 | <3 | <3 | 47 | <3 | 2.45 | 0.1 | 4 | 106 | 1 | 1.76 | 0.36 | 0.59 | 472 | 2 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 2 | 51 | <5 | <3 | 47 |
| 16973 | 0.1 | 1.27 | <3 | <3 | 280 | <3 | 2.14 | 0.2 | 4 | 147 | 2 | 1.57 | 0.32 | 0.51 | 416 | 1 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 39 |
| 16974 | 0.2 | 1.20 | <3 | <3 | 55 | <3 | 1.97 | 0.2 | 4 | 53 | 1 | 1.69 | 0.31 | 0.58 | 412 | 1 | 0.02 | 33 | 0.04 | 18 | <3 | <5 | <2 | 2 | 46 | <5 | <3 | 47 |
| 16975 | 0.1 | 1.37 | <3 | <3 | 35 | <3 | 2.02 | 0.3 | 5 | 57 | 1 | 2.05 | 0.32 | 0.69 | 459 | 1 | 0.02 | 48 | 0.05 | 17 | <3 | <5 | <2 | 2 | 42 | <5 | <3 | 59 |
| 16976 | 0.2 | 1.31 | <3 | <3 | 25 | <3 | 2.04 | 0.2 | 5 | 116 | 1 | 1.99 | 0.32 | 0.68 | 483 | 3 | 0.02 | 7 | 0.04 | 18 | <3 | <5 | <2 | 2 | 45 | <5 | <3 | 57 |
| 16977 | 0.1 | 0.95 | <3 | <3 | 24 | <3 | 1.98 | 0.1 | 4 | 51 | 1 | 1.61 | 0.31 | 0.56 | 437 | 1 | 0.02 | 3 | 0.05 | 16 | <3 | <5 | <2 | 2 | 57 | <5 | <3 | 49 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  A/FA = Fire assay/AAS

REPORT #: 890045 PA | OREQUEST CONSULTANTS | Proj: URSUS | Date In: 89/01/26 | Date Out:89/01/27 | Att: D MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16978 | 0.4 | 0.75 | <3 | <3 | 17 | <3 | 1.78 | 1.2 | 5 | 31 | 7 | 1.37 | 0.28 | 0.54 | 444 | 1 | 0.01 | 17 | 0.04 | 18 | <3 | <5 | <2 | 2 | 56 | <5 | <3 | 41 |
| 16979 | 0.3 | 1.18 | <3 | <3 | 11 | <3 | 0.86 | 0.6 | 5 | 74 | 5 | 1.57 | 0.17 | 0.59 | 296 | 3 | 0.02 | 75 | 0.04 | 19 | <3 | <5 | <2 | 2 | 25 | <5 | <3 | 55 |
| 16980 | 0.2 | 0.93 | <3 | <3 | 12 | <3 | 0.96 | 0.2 | 4 | 155 | 5 | 1.45 | 0.18 | 0.46 | 340 | 4 | 0.02 | 11 | 0.04 | 16 | <3 | <5 | <2 | 2 | 28 | <5 | <3 | 45 |
| 16981 | 0.2 | 0.81 | <3 | <3 | 11 | <3 | 1.21 | 0.3 | 3 | 143 | 3 | 1.27 | 0.20 | 0.38 | 343 | 4 | 0.02 | 6 | 0.03 | 15 | <3 | <5 | <2 | <2 | 28 | <5 | <3 | 39 |
| 16982 | 0.1 | 0.88 | <3 | <3 | 17 | <3 | 1.12 | 0.1 | 2 | 77 | 3 | 1.17 | 0.18 | 0.36 | 312 | 2 | 0.02 | 54 | 0.03 | 14 | <3 | <5 | <2 | <2 | 31 | <5 | <3 | 41 |
| 16983 | 0.3 | 0.91 | <3 | <3 | 14 | <3 | 1.14 | 0.1 | 3 | 46 | 4 | 1.25 | 0.18 | 0.41 | 316 | 1 | 0.02 | 5 | 0.03 | 14 | <3 | <5 | <2 | 2 | 32 | <5 | <3 | 41 |
| 16984 | 0.2 | 0.87 | <3 | <3 | 14 | <3 | 0.86 | 0.1 | 3 | 73 | 2 | 1.25 | 0.16 | 0.43 | 324 | 2 | 0.02 | 57 | 0.03 | 13 | <3 | <5 | <2 | <2 | 26 | <5 | <3 | 40 |
| 16985 | 0.1 | 0.71 | <3 | <3 | 22 | <3 | 1.25 | 0.1 | 2 | 103 | 2 | 1.09 | 0.20 | 0.36 | 371 | 1 | 0.02 | 5 | 0.03 | 12 | <3 | <5 | <2 | <2 | 35 | <5 | <3 | 33 |
| 16986 | 0.1 | 0.87 | <3 | <3 | 19 | <3 | 1.33 | 0.1 | 2 | 159 | 2 | 1.21 | 0.21 | 0.40 | 393 | 4 | 0.02 | 4 | 0.02 | 11 | <3 | <5 | <2 | <2 | 34 | <5 | <3 | 36 |
| 16987 | 0.1 | 1.00 | <3 | <3 | 16 | <3 | 1.10 | 0.2 | 4 | 48 | 2 | 1.46 | 0.18 | 0.54 | 379 | 1 | 0.02 | 4 | 0.03 | 16 | <3 | <5 | <2 | 2 | 34 | <5 | <3 | 41 |
| 16988 | 0.3 | 1.24 | <3 | <3 | 16 | <3 | 1.62 | 0.1 | 5 | 67 | 4 | 1.78 | 0.28 | 0.64 | 540 | 2 | 0.02 | 49 | 0.04 | 19 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 54 |
| 16989 | 0.2 | 1.19 | <3 | <3 | 14 | <3 | 1.65 | 0.3 | 4 | 41 | 4 | 1.65 | 0.28 | 0.63 | 537 | 1 | 0.02 | 5 | 0.04 | 18 | <3 | <5 | <2 | 2 | 43 | <5 | <3 | 53 |
| 16990 | 0.1 | 0.81 | <3 | <3 | 20 | <3 | 1.12 | 0.1 | 3 | 67 | 11 | 1.34 | 0.18 | 0.41 | 366 | 2 | 0.02 | 61 | 0.03 | 13 | <3 | <5 | <2 | <2 | 32 | <5 | <3 | 55 |
| 16991 | 0.3 | 0.84 | <3 | <3 | 26 | <3 | 1.29 | 0.5 | 4 | 45 | 5 | 1.71 | 0.21 | 0.59 | 482 | 1 | 0.02 | 6 | 0.04 | 15 | <3 | <5 | <2 | 2 | 40 | <5 | <3 | 55 |
| 16992 | 0.2 | 0.92 | <3 | <3 | 17 | <3 | 1.39 | 0.1 | 4 | 68 | 6 | 1.62 | 0.23 | 0.58 | 444 | 1 | 0.02 | 46 | 0.04 | 15 | <3 | <5 | <2 | <2 | 48 | <5 | <3 | 55 |
| 16993 | 0.1 | 1.10 | <3 | <3 | 37 | <3 | 1.62 | 0.3 | 4 | 35 | 5 | 1.74 | 0.27 | 0.59 | 488 | 1 | 0.02 | 5 | 0.04 | 18 | <3 | <5 | <2 | <2 | 49 | <5 | <3 | 58 |
| 16994 | 0.2 | 0.42 | 73 | <3 | 29 | <3 | 1.45 | 0.1 | 4 | 69 | 3 | 1.37 | 0.23 | 0.30 | 428 | 1 | 0.01 | 53 | 0.03 | 13 | <3 | <5 | <2 | <2 | 55 | <5 | <3 | 20 |
| 16995 | 0.1 | 0.84 | 73 | <3 | 29 | <3 | 1.45 | 0.1 | 4 | 86 | 5 | 1.65 | 0.23 | 0.56 | 543 | 1 | 0.01 | 4 | 0.04 | 20 | <3 | <5 | <2 | <2 | 49 | <5 | <3 | 47 |
| 16996 | 0.2 | 0.84 | 30 | <3 | 31 | <3 | 1.25 | 0.1 | 4 | 146 | 5 | 1.59 | 0.21 | 0.51 | 481 | 4 | 0.02 | 6 | 0.04 | 18 | <3 | <5 | <2 | <2 | 39 | <5 | <3 | 43 |
| 16997 | 0.3 | 1.12 | 12 | <3 | 25 | <3 | 1.12 | 0.2 | 4 | 131 | 6 | 1.65 | 0.20 | 0.64 | 436 | 1 | 0.02 | 4 | 0.04 | 20 | <3 | <5 | <2 | <2 | 41 | <5 | <3 | 50 |
| 16998 | 0.2 | 1.76 | 5 | <3 | 30 | <3 | 1.80 | 0.6 | 6 | 112 | 13 | 2.41 | 0.32 | 0.90 | 735 | 5 | 0.02 | 42 | 0.05 | 26 | <3 | <5 | <2 | 2 | 61 | <5 | <3 | 78 |
| 16999 | 0.3 | 1.14 | <3 | <3 | 24 | <3 | 1.14 | 0.1 | 4 | 99 | 23 | 1.54 | 0.20 | 0.58 | 457 | 2 | 0.03 | 14 | 0.04 | 17 | <3 | <5 | <2 | <2 | 34 | <5 | <3 | 53 |
| 17000 | 0.1 | 1.04 | 15 | <3 | 40 | <3 | 1.21 | 0.1 | 4 | 135 | 8 | 1.45 | 0.21 | 0.53 | 520 | 4 | 0.02 | 8 | 0.03 | 15 | <3 | <5 | <2 | <2 | 42 | <5 | <3 | 43 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 890049 GA  JOB NUMBER: 890049  OREQUEST CONSULTANTS LTD.  

| SAMPLE # | Au ppb |
|---|---|
| 16851 | 30 |
| 16852 | nd |
| 16853 | 15 |
| 16854 | 15 |
| 16855 | 15 |
| 16856 | nd |
| 16857 | 10 |
| 16858 | 120 |
| 16859 | nd |
| 16860 | 20 |
| 16861 | 35 |
| 16862 | nd |
| 16863 | 5 |
| 16864 | nd |
| 16865 | 80 |
| 16866 | nd |
| 16867 | 10 |
| 16868 | nd |
| 16869 | 5 |
| 16870 | 10 |
| 16871 | nd |
| 16872 | 5 |
| 16873 | 35 |
| 16874 | 40 |
| 16875 | 40 |
| 16876 | 40 |
| 16877 | 20 |
| 16878 | 30 |
| 16879 | 35 |
| 16880 | 20 |
| 16881 | 80 |
| 16882 | nd |
| 16883 | 10 |
| 16884 | nd |
| 16885 | 10 |
| 16886 | 20 |
| 16887 | 25 |
| 16888 | 25 |
| 16889 | 10 |
| DETECTION LIMIT | 5 |

nd = none detected  -- = not analysed  is = insufficient sample

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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.



| SAMPLE # | Au ppb |
|---|---|
| 16890 | 5 |
| 16891 | 10 |
| 16892 | 20 |
| 16893 | 10 |
| 16894 | nd |
| 16895 | 30 |
| 16896 | nd |
| 16897 | 5 |
| 16898 | ---- NO SAMPLE |

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

# VANGEOCHEM LAB LIMITED

1988 Triumph Street, Vancouver, B.C. V5L 1K5
Phn(604)251-5656 Fax:(604)254-7717

## ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to $HNO_3$ to $H_2O$ at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Pd, Pt, Sn, Sr and W.

ANALYST:

REPORT #: 890049 PA  OREQUEST CONSULTANTS LTD.  Proj: URSUS CREEK  Date In: 89/01/27  Date Out:89/01/27  Att: MR. D. MALLO  VGC ICP REPORT  

| Sample Number | Ag ppm | Al % | As ppm | Au ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K % | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P % | Pb ppm | Pd ppm | Pt ppm | Sb ppm | Sn ppm | Sr ppm | W ppm | U ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16851 | 0.3 | 1.02 | 8 | <3 | 68 | <3 | 0.97 | 1.1 | 6 | 80 | 12 | 1.58 | 0.18 | 0.62 | 560 | 2 | 0.02 | 28 | 0.04 | 20 | <3 | <5 | <2 | 4 | 34 | <5 | <3 | 47 |
| 16852 | 0.2 | 0.78 | 6 | <3 | 32 | <3 | 0.99 | 0.1 | 3 | 106 | 7 | 1.18 | 0.17 | 0.41 | 313 | 3 | 0.02 | 10 | 0.03 | 13 | <3 | <5 | <2 | 3 | 18 | <5 | <3 | 32 |
| 16853 | 0.2 | 0.52 | 8 | <3 | 67 | <3 | 0.45 | 0.1 | 2 | 107 | 10 | 0.77 | 0.08 | 0.21 | 264 | 1 | 0.02 | 6 | 0.02 | 9 | <3 | <5 | <2 | 3 | 11 | <5 | <3 | 20 |
| 16854 | 0.2 | 0.78 | 3 | <3 | 40 | <3 | 0.72 | 0.1 | 4 | 151 | 11 | 1.33 | 0.14 | 0.41 | 334 | 5 | 0.02 | 7 | 0.03 | 12 | <3 | <5 | <2 | 3 | 15 | <5 | <3 | 34 |
| 16855 | 0.2 | 0.83 | 7 | <3 | 27 | <3 | 0.82 | 0.1 | 4 | 170 | 7 | 1.51 | 0.16 | 0.47 | 406 | 6 | 0.02 | 6 | 0.04 | 12 | <3 | <5 | <2 | 4 | 18 | <5 | <3 | 34 |
| 16856 | 0.3 | 1.36 | 6 | <3 | 49 | 3 | 0.55 | 0.3 | 11 | 160 | 32 | 2.04 | 0.14 | 0.79 | 472 | 2 | 0.02 | 15 | 0.04 | 20 | <3 | <5 | <2 | 6 | 21 | <5 | <3 | 47 |
| 16857 | 0.2 | 0.90 | 5 | <3 | 25 | <3 | 0.81 | 0.1 | 5 | 155 | 6 | 1.53 | 0.16 | 0.55 | 396 | 5 | 0.02 | 5 | 0.04 | 12 | <3 | <5 | <2 | 3 | 20 | <5 | <3 | 38 |
| 16858 | 0.2 | 0.96 | 15 | <3 | 16 | <3 | 1.02 | 0.1 | 4 | 78 | 4 | 1.56 | 0.19 | 0.59 | 528 | 1 | 0.01 | 4 | 0.04 | 12 | <3 | <5 | <2 | 3 | 33 | <5 | <3 | 45 |
| 16859 | 0.2 | 0.99 | 6 | <3 | 15 | <3 | 0.86 | 0.1 | 4 | 111 | 3 | 1.63 | 0.17 | 0.59 | 506 | 3 | 0.02 | 5 | 0.04 | 11 | <3 | <5 | <2 | 3 | 29 | <5 | <3 | 38 |
| 16860 | 0.1 | 0.93 | 10 | <3 | 12 | <3 | 0.75 | 0.1 | 4 | 87 | 3 | 1.57 | 0.15 | 0.60 | 488 | 1 | 0.01 | 3 | 0.04 | 11 | <3 | <5 | <2 | 3 | 24 | <5 | <3 | 40 |
| 16861 | 0.1 | 1.20 | 7 | <3 | 13 | <3 | 0.91 | 0.4 | 5 | 150 | 4 | 2.03 | 0.19 | 0.75 | 601 | 5 | 0.02 | 5 | 0.05 | 13 | <3 | <5 | <2 | 3 | 31 | <5 | <3 | 51 |
| 16862 | 0.2 | 1.06 | 8 | <3 | 13 | <3 | 0.75 | 0.1 | 5 | 104 | 3 | 1.72 | 0.16 | 0.67 | 438 | 1 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | 3 | 23 | <5 | <3 | 45 |
| 16863 | 0.2 | 1.13 | 7 | <3 | 15 | <3 | 0.88 | 0.1 | 5 | 145 | 3 | 1.87 | 0.18 | 0.64 | 529 | 4 | 0.02 | 5 | 0.05 | 15 | <3 | <5 | <2 | 4 | 30 | <5 | <3 | 44 |
| 16864 | 0.1 | 1.17 | 9 | <3 | 16 | <3 | 0.82 | 0.1 | 5 | 100 | 3 | 1.85 | 0.17 | 0.71 | 438 | 1 | 0.01 | 4 | 0.05 | 14 | <3 | <5 | <2 | 3 | 30 | <5 | <3 | 51 |
| 16865 | 0.2 | 1.07 | 9 | <3 | 18 | <3 | 0.85 | 1.0 | 5 | 134 | 7 | 1.71 | 0.17 | 0.62 | 457 | 5 | 0.02 | 14 | 0.04 | 21 | <3 | <5 | <2 | 3 | 33 | <5 | <3 | 47 |
| 16866 | 0.4 | 1.01 | 6 | <3 | 20 | <3 | 0.90 | 0.4 | 5 | 102 | 3 | 1.62 | 0.18 | 0.60 | 494 | 1 | 0.02 | 3 | 0.04 | 14 | <3 | <5 | <2 | 3 | 32 | <5 | <3 | 43 |
| 16867 | 0.4 | 0.89 | 3 | <3 | 37 | <3 | 0.79 | 0.1 | 4 | 164 | 3 | 1.26 | 0.15 | 0.42 | 414 | 4 | 0.02 | 5 | 0.04 | 12 | <3 | <5 | <2 | 2 | 34 | <5 | <3 | 33 |
| 16868 | 0.2 | 0.98 | 4 | <3 | 18 | <3 | 0.86 | 0.1 | 4 | 101 | 3 | 1.60 | 0.17 | 0.56 | 485 | 1 | 0.02 | 5 | 0.04 | 13 | <3 | <5 | <2 | 3 | 34 | <5 | <3 | 41 |
| 16869 | 0.2 | 0.98 | 6 | <3 | 12 | <3 | 0.73 | 0.1 | 5 | 139 | 3 | 1.66 | 0.15 | 0.60 | 500 | 4 | 0.02 | 5 | 0.04 | 12 | <3 | <5 | <2 | 3 | 24 | <5 | <3 | 41 |
| 16870 | 0.1 | 0.96 | 3 | <3 | 13 | <3 | 0.78 | 0.3 | 4 | 92 | 2 | 1.60 | 0.16 | 0.59 | 567 | 1 | 0.02 | 4 | 0.04 | 11 | <3 | <5 | <2 | 3 | 30 | <5 | <3 | 39 |
| 16871 | 0.4 | 0.94 | 7 | <3 | 23 | <3 | 0.79 | 0.1 | 5 | 128 | 9 | 1.67 | 0.16 | 0.60 | 502 | 4 | 0.02 | 38 | 0.04 | 15 | <3 | <5 | <2 | 3 | 28 | <5 | <3 | 42 |
| 16872 | 0.2 | 0.86 | 5 | <3 | 27 | <3 | 0.93 | 0.1 | 4 | 93 | 5 | 1.64 | 0.18 | 0.64 | 590 | 1 | 0.02 | 13 | 0.04 | 13 | <3 | <5 | <2 | 3 | 36 | <5 | <3 | 41 |
| 16873 | 0.2 | 0.71 | 7 | <3 | 34 | <3 | 0.98 | 0.1 | 4 | 124 | 3 | 1.52 | 0.18 | 0.60 | 577 | 3 | 0.02 | 7 | 0.04 | 11 | <3 | <5 | <2 | 3 | 42 | <5 | <3 | 36 |
| 16874 | 0.2 | 0.79 | 11 | <3 | 27 | <3 | 0.97 | 0.3 | 4 | 88 | 3 | 1.62 | 0.19 | 0.63 | 570 | 1 | 0.02 | 5 | 0.04 | 13 | <3 | <5 | <2 | 3 | 41 | <5 | <3 | 38 |
| 16875 | 0.2 | 0.84 | 13 | <3 | 25 | <3 | 0.90 | 0.3 | 4 | 133 | 3 | 1.61 | 0.18 | 0.62 | 566 | <1 | 0.02 | 5 | 0.04 | 11 | <3 | <5 | <2 | 3 | 37 | <5 | <3 | 40 |
| 16876 | 0.2 | 0.89 | 11 | <3 | 20 | <3 | 0.97 | 0.3 | 4 | 86 | 3 | 1.63 | 0.19 | 0.62 | 548 | 1 | 0.02 | 4 | 0.04 | 14 | <3 | <5 | <2 | 3 | 38 | <5 | <3 | 42 |
| 16877 | 0.2 | 1.03 | 10 | <3 | 34 | <3 | 0.99 | 0.4 | 5 | 149 | 3 | 1.82 | 0.20 | 0.66 | 593 | 4 | 0.02 | 4 | 0.04 | 15 | <3 | <5 | <2 | 3 | 44 | <5 | <3 | 43 |
| 16878 | 0.4 | 0.83 | 6 | <3 | 16 | <3 | 0.89 | 0.3 | 6 | 91 | 4 | 1.92 | 0.18 | 0.56 | 512 | 1 | 0.02 | 4 | 0.04 | 16 | <3 | <5 | <2 | 3 | 33 | <5 | <3 | 39 |
| 16879 | 0.1 | 0.90 | 9 | <3 | 19 | <3 | 0.79 | 0.1 | 4 | 131 | 2 | 1.57 | 0.16 | 0.55 | 480 | 4 | 0.02 | 4 | 0.04 | 12 | <3 | <5 | <2 | 3 | 28 | <5 | <3 | 37 |
| 16880 | 0.2 | 0.90 | 6 | <3 | 16 | <3 | 0.82 | 0.5 | 4 | 93 | 3 | 1.64 | 0.17 | 0.62 | 526 | 1 | 0.02 | 3 | 0.04 | 14 | <3 | <5 | <2 | 2 | 29 | <5 | <3 | 39 |
| 16881 | 0.2 | 0.82 | 8 | <3 | 26 | <3 | 0.90 | 0.1 | 5 | 37 | 2 | 1.60 | 0.17 | 0.59 | 541 | 1 | 0.02 | 3 | 0.04 | 12 | <3 | <5 | <2 | 2 | 39 | <5 | <3 | 39 |
| 16882 | 0.4 | 0.85 | 6 | <3 | 24 | <3 | 0.92 | 0.1 | 5 | 53 | 2 | 1.54 | 0.18 | 0.57 | 546 | 1 | 0.02 | 50 | 0.04 | 12 | <3 | <5 | <2 | 3 | 38 | <5 | <3 | 35 |
| 16883 | 0.2 | 0.83 | 10 | <3 | 29 | <3 | 0.88 | 0.1 | 4 | 131 | 2 | 1.50 | 0.17 | 0.56 | 523 | 4 | 0.02 | 6 | 0.04 | 17 | <3 | <5 | <2 | 3 | 40 | <5 | <3 | 37 |
| 16884 | 0.4 | 0.86 | 16 | <3 | 31 | <3 | 0.88 | 0.1 | 5 | 38 | 2 | 1.51 | 0.17 | 0.57 | 468 | 1 | 0.02 | 4 | 0.04 | 15 | <3 | <5 | <2 | 3 | 35 | <5 | <3 | 37 |
| 16885 | 0.4 | 0.78 | 6 | <3 | 25 | <3 | 0.92 | 0.1 | 4 | 84 | 2 | 1.35 | 0.17 | 0.51 | 458 | 1 | 0.02 | 3 | 0.03 | 14 | <3 | <5 | <2 | 3 | 38 | <5 | <3 | 33 |
| 16886 | 0.4 | 0.77 | 14 | <3 | 26 | <3 | 0.83 | 0.1 | 4 | 68 | 2 | 1.40 | 0.16 | 0.50 | 491 | 1 | 0.02 | 57 | 0.03 | 13 | <3 | <5 | <2 | 3 | 36 | <5 | <3 | 33 |
| 16887 | 0.4 | 0.83 | 10 | <3 | 40 | <3 | 0.92 | 0.1 | 4 | 105 | 2 | 1.39 | 0.17 | 0.53 | 537 | 3 | 0.02 | 6 | 0.04 | 12 | <3 | <5 | <2 | 3 | 44 | <5 | <3 | 32 |
| 16888 | 0.2 | 0.72 | 10 | <3 | 31 | <3 | 0.85 | 0.1 | 4 | 29 | 2 | 1.39 | 0.16 | 0.51 | 515 | 1 | 0.02 | 4 | 0.03 | 12 | <3 | <5 | <2 | 3 | 42 | <5 | <3 | 33 |
| 16889 | 0.2 | 0.79 | 5 | <3 | 48 | <3 | 0.73 | 0.1 | 4 | 68 | 2 | 1.47 | 0.15 | 0.54 | 476 | 1 | 0.02 | 3 | 0.04 | 12 | <3 | <5 | <2 | 3 | 31 | <5 | <3 | 35 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

REPORT #: 890049 PA | OREQUEST CONSULTANTS LTD. | Proj: URSUS CREEK | Date In: 89/01/27 | Date Out:89/01/27 | Att: MR. D. MALLO | VGC ICP REPORT | 

| Sample Number | Ag | Al | As | Au | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Mo | Na | Ni | P | Pb | Pd | Pt | Sb | Sn | Sr | U | W | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 16890 | 0.3 | 0.68 | 10 | <3 | 39 | <3 | 0.82 | 0.6 | 5 | 69 | 23 | 1.39 | 0.16 | 0.50 | 443 | 2 | 0.02 | 76 | 0.03 | 19 | <3 | <5 | <2 | 4 | 30 | <5 | <3 | 34 |
| 16891 | 0.1 | 0.79 | 7 | <3 | 36 | <3 | 0.63 | 0.3 | 4 | 105 | 16 | 1.37 | 0.13 | 0.54 | 402 | 3 | 0.02 | 10 | 0.03 | 15 | <3 | <5 | <2 | 4 | 24 | <5 | <3 | 34 |
| 16892 | 0.3 | 0.84 | 5 | <3 | 42 | <3 | 0.63 | 0.5 | 5 | 35 | 12 | 1.47 | 0.13 | 0.60 | 463 | 1 | 0.02 | 7 | 0.04 | 12 | <3 | <5 | <2 | 4 | 26 | <5 | <3 | 36 |
| 16893 | 0.3 | 0.80 | <3 | <3 | 82 | <3 | 0.72 | 0.1 | 4 | 74 | 10 | 1.35 | 0.14 | 0.55 | 443 | 1 | 0.02 | 4 | 0.03 | 10 | <3 | <5 | <2 | 4 | 29 | <5 | <3 | 30 |
| 16894 | 0.3 | 0.72 | 4 | <3 | 45 | <3 | 0.76 | 0.1 | 4 | 48 | 8 | 1.34 | 0.15 | 0.47 | 410 | 1 | 0.02 | 45 | 0.03 | 8 | <3 | <5 | <2 | 4 | 31 | <5 | <3 | 34 |
| 16895 | 0.3 | 0.71 | 12 | <3 | 48 | <3 | 0.88 | 0.1 | 4 | 120 | 8 | 1.31 | 0.16 | 0.44 | 429 | 4 | 0.02 | 6 | 0.03 | 13 | <3 | <5 | <2 | 3 | 44 | <5 | <3 | 32 |
| 16896 | 0.3 | 0.74 | 3 | <3 | 45 | <3 | 0.88 | 0.1 | 4 | 36 | 7 | 1.34 | 0.16 | 0.47 | 432 | 1 | 0.02 | 3 | 0.04 | 11 | <3 | <5 | <2 | 4 | 40 | <5 | <3 | 35 |
| 16897 | 0.1 | 0.64 | 3 | <3 | 42 | <3 | 0.87 | 0.1 | 4 | 61 | 5 | 1.25 | 0.16 | 0.45 | 403 | 1 | 0.02 | 3 | 0.03 | 8 | <3 | <5 | <2 | 3 | 29 | <5 | <3 | 31 |
| Minimum Detection | 0.1 | 0.01 | 3 | 3 | 1 | 3 | 0.01 | 0.1 | 1 | 1 | 1 | 0.01 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.01 | 2 | 3 | 5 | 2 | 2 | 1 | 5 | 3 | 1 |
| Maximum Detection | 50.0 | 10.00 | 2000 | 100 | 1000 | 1000 | 10.00 | 1000.0 | 20000 | 1000 | 20000 | 10.00 | 10.00 | 10.00 | 20000 | 1000 | 10.00 | 20000 | 10.00 | 20000 | 100 | 100 | 2000 | 1000 | 10000 | 100 | 1000 | 20000 |

< = Less than Minimum  is = Insufficient Sample  ns = No sample  > = Greater than Maximum  AuFA = Fire assay/AAS

# APPENDIX D

## THIN SECTION ANALYSES

Harris
EXPLORATION
SERVICES

*MINERALOGY AND GEOCHEMISTRY*

534 ELLIS STREET, NORTH VANCOUVER, B.C., CANADA V7H 2G6 TELEPHONE (604) 929-5867

Report for: Kim Hudson,
Orequest Consultants Ltd.,
404-595 Howe St.,
Vancouver, B.C.
V6C 2T5

Job 89-7

February 8th, 1989

Samples:

4 rock samples, numbered PGU-1 through 4, were submitted for thin sectioning and petrographic examination. Corresponding slide numbers are 89-009X through 012X.

Summary:

PGU-1 and PGU-4 are medium-grained quartz diorites. The first is essentially fresh, and contains primary hornblende and minor K-spar. The second is slightly altered (sericitized and carbonatized), is strongly siliceous and leucocratic, and probably had biotite as its principal mafic (now chloritized).

PGU-2 and PGU-3 are albitites - possibly dyke rocks or marginal plutonic differentiates. The first is medium-grained, contains chloritized mafics, and shows pervasive and veinlet alteration to carbonate and epidote. The second is leucocratic and sparsely porphyritic, with a fine-grained, spherulitic/radiate groundmass; it is mildly altered to sericite and carbonate.

Individual petrographic descriptions are attached.

J.F. Harris Ph.D.

**SAMPLE PGU-1 (Slide 89-009X) QUARTZ DIORITE**

Estimated mode

| | |
|---|---|
| Plagioclase | 62 |
| K-feldspar | 3 |
| Quartz | 23 |
| Sericite | 3 |
| Hornblende | 5 |
| Chlorite) Secondary amphibole) | 3 |
| Epidote | trace |
| Carbonate | trace |
| Sphene | trace |
| Opaques | 1 |

This sample is a typical intrusive-textured quartz diorite.

It is composed principally of plagioclase (andesine) as a loose aggregate of subhedral-euhedral grains, 0.2 - 2.0mm in size, set in a matrix of anhedral quartz. The latter forms irregular pockets (bounded by plagioclase crystal faces, and with inclusions of the same) up to several mm in size.

Minor accessory K-spar is present as an interstitial phase associated with the quartz - sometimes as partial rims to quartz pockets (see stained cut-off block).

The mafic constituent is olive-brown hornblende, as scattered, subhedral-euhedral crystals of similar grain size to the plagioclase. The hornblende is partly fresh and partly altered to chlorite and secondary amphibole.

The plagioclase is only mildly altered, showing a sporadic dusting of fine-grained sericite. Traces of epidote occur as tiny granules associated with chloritized hornblende and, rarely, replacing plagioclase.

Trace accessories are sphene and sparsely disseminated opaques (including Fe oxides and pyrite).

The rock is cut by rare hairline veinlets of carbonate but, overall, appears essentially fresh and undeformed.

**SAMPLE PGU-2 (Slide 89-010X) ALBITITE**

Estimated mode

| | |
|---|---|
| Albite | 75 |
| Sericite | 1 |
| Carbonate | 10 |
| Quartz | trace |
| Chlorite | 7 |
| Epidote | 7 |
| Rutile) Leucoxene) | trace |

This rock is composed predominantly of plagioclase as a vari-granular, interlocking aggregate, of grain size 0.02 - 2.0mm. Coarser, subhedral-euhedral grains are interstitially cemented by finer aggregates, grading down to minutely fine-grained felsitic material. Grain boundaries of the coarser grains are partly diffuse and gradational to - or locally assimilated by - the finer matrix.

Twinning is not well developed but, where seen, suggests a composition of albite. This is confirmed by the low refractive index (less than the mounting medium) and the essential lack of white etch reaction with HF (see cut-off block). The somewhat heterogenous texture is consistent with that of many albitites.

No primary mafics are present, but the rock contains chlorite as scattered, tiny pockets and coarser clumps of prismatic pseudomorphs. Carbonate, epidote and clumps and skeletal patches of rutile/leucoxene are associated with these altered mafics.

The albite shows a very faint, pervasive dusting of sericite, and is more extensively flecked and core-replaced by carbonate and cryptocrystalline epidote.

The rock is cut by a few intersecting veinlets, 0.1 - 1.0mm thick, of carbonate, sometimes with intergrown quartz and/or chlorite.

The carbonate is weakly reactive with dilute acid, and is probably a mixture of calcite and dolomite.

**SAMPLE PGU-3 (Slide 89-011X) ALBITITE**

Estimated mode

| | |
|---|---|
| Albite | 90 |
| Sericite | 4 |
| Carbonate | 5 |
| Chlorite | 1 |
| Rutile | trace |

This is a rock of similar composition and general character to PGU-2. Compared with that sample it is texturally distinctive, has a lower mafic content, and lacks epidote.

It exhibits a sparsely porphyritic texture and contains a few scattered, subhedral-prismatic albite phenocrysts and phenocryst clumps, 0.5 - 2.0mm in size. These are set in a predominant matrix of equigranular, pellety/spherulitic forms, about 0.2mm in size (possibly of glassy origin), now showing partial crystallization to radiate, microlitic or minutely felsitic albite.

Rare pseudomorphs and irregular wisps of chlorite are the only mafics.

The albite (groundmass and phenocrysts) shows a light to moderate pervasive flecking by carbonate and sericite, and there are rare hairline veinlets of intergrown carbonate and sericite.

**SAMPLE PGU-4 (Slide 89-012X) QUARTZ DIORITE**

Estimated mode

| | |
|---|---|
| Plagioclase | 60 |
| Quartz | 27 |
| Sericite | 5 |
| Carbonate | 3 |
| Chlorite | 5 |
| Rutile) Opaques) | trace |

This is a rock of similar general type to PGU-1. It differs in having no accessory K-feldspar, and a notably low content of mafics.

It consists predominantly of an aggregate of subhedral plagioclase, of grain size 0.3 - 3.0mm. This is intergrown with abundant accessory quartz which forms interstitial pockets and coarse segregated patches up to 5.0mm or so in size.

Mafics are sparse and totally altered to chlorite. This often shows lamellar form, with intergrown fine-grained rutile, and probably represents original biotite.

The plagioclase (oligoclase-andesine) shows a light pervasive dusting of fine-grained sericite. Carbonate forms scattered interstitial pockets and veniform intergranular wisps. Rare hairline veinlets are composed of sericite and carbonate.

This is a notably siliceous, mildly altered, leucocratic quartz diorite.

APPENDIX E

DRILL LOGS

# OREQUEST CONSULTANTS LTD. DIAMOND DRILL HOLE RECORD Client PEZ GOLD RES. 

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole No. | PGU 89-1 | Northing | 0+65 N | Core Size | BQ | Depth Dip Azimuth | Depth Dip Azimuth | Started | JAN. 8,1989 | Target | |
| Property | URSUS CREEK | Easting | 0+65 W | Casing | Pulled | 106.7 - 47 | | Completed | JAN. 10,1989 | Comments | JUNCTION ZONE |
| Location | | Elevation | 200 | Length | 115.6 | | | Drill Co. | ROGERS DRILLING | | |
| NTS | 92 F 5 | Lalitude | | Dip-Collar | -45 | | | Logged By | K.H. | | |
| Claim No | UREKA 10 | Longitude | 125 35 W | Bearing | 200 | | | Units | METERS | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4.50 | | | | OVERBURDEN/CASING | | | | | | | |
| 4.50 | 13.40 | | | | QUARTZ DIORITE<br>Medium grained,homogeneous 35% mafics, weakly chloritized, trace pyrite | | | | | | | |
| 4.50 | 6.00 | | | | - as described | | 16501 | 4.50 | 6.00 | 1.50 | | nd |
| 6.00 | 7.00 | | s | | - minor limonite,weakly silicifed | tr | 16502 | 6.00 | 7.00 | 1.00 | | nd |
| 7.00 | 10.10 | | ch | | - 2.5m of core lost, highly chloritic, trace pyrite | tr | 16503 | 7.00 | 10.10 | 3.10 | | 5 |
| 10.10 | 11.70 | | ch | | - as described | | 16504 | 10.10 | 11.70 | 1.60 | | nd |
| 11.70 | 13.40 | | s,ch | | - silicified, chloritic, minor limonite | tr | 16505 | 11.70 | 13.40 | 1.70 | | nd |
| 13.40 | 13.70 | | | | ALBITITE DYKE<br>Porphyritic with fine grained grey-green matrix, 15% euhedral mafics (possible pyroxene). No visible sulfides. Contacts at 70 to c.a. | | | | | | | |
| 13.40 | 13.70 | | ch | 70 | - as described | | 16506 | 13.40 | 13.70 | .30 | | nd |
| 13.70 | 16.50 | | | | SILICIFIED QUARTZ DIORITE<br>Silicified, chloritized, weak local potassic alteration | | | | | | | |
| 13.70 | 14.20 | | s,p,ch | | - silicified, chloritized, weak potassic alteration | | 16507 | 13.70 | 14.20 | .50 | | nd |
| 14.20 | 15.20 | | s,ch | | - silicified, chloritized mafics | | 16508 | 14.20 | 15.20 | 1.00 | | nd |
| 15.20 | 16.50 | | s,ch | | - 0.3m lost core, same as 16507 | | 16509 | 15.20 | 16.50 | 1.30 | | nd |
| 16.50 | 16.90 | | | | MAFIC DYKE or KARMUTSEN BASALTIC FRAGMENT<br>1% fine grained pyrite, core rubbled at contacts | | | | | | | |
| 16.50 | 16.90 | | | | - as described | 1 | 16510 | 16.50 | 16.90 | .40 | | nd |
| 16.90 | 21.30 | | | | QUARTZ DIORITE<br>Medium grained. Locally silicified, locally limonitic, feldspar alteration post dates silicification and predates quartz veinlets | | | | | | | |
| 16.90 | 18.50 | | | | - variable rock type, rubbled core, 0.6m lost core | | 16511 | 16.90 | 18.50 | 1.60 | | nd |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.50 | 20.00 | | s,ks,ch | | - as described | tr | 16512 | 18.50 | 20.00 | 1.50 | nd | |
| 20.00 | 21.30 | | s,ch | | - 0.5m lost core, silicified, minor limonite | | 16513 | 20.00 | 21.30 | 1.30 | nd | |
| 21.30 | 21.60 | | | | ALBITITE DYKE<br>No visible sulfides. Contacts at 65 to c.a. | | | | | | | |
| 21.30 | 21.60 | | | 65 | - as described | | 16514 | 21.30 | 21.60 | .30 | nd | |
| 21.60 | 25.00 | | | | SILICIFIED QUARTZ DIORITE<br>Medium grained, quartz flooded followed by feldspathic alteration (cream coloured, very fine grained anhedral blebs, hardness of approx. 5). Chloritized mafics, quartz veinlets up to 3mm wide 20-30 to c.a., 1-3% disseminated pyrite. | | | | | | | |
| 21.60 | 23.10 | | s,ch | | - as described but without the the feldspathic alteration | 1 | 16515 | 21.60 | 23.10 | 1.50 | 5 | |
| 23.10 | 24.30 | | s | | - intensely silicified, sericite on fractures | 2 | 16516 | 23.10 | 24.30 | 1.20 | 5 | |
| 24.30 | 25.00 | | s,ch | | - as described, epidote veinlets, pyrite disseminated | 3 | 16517 | 24.30 | 25.00 | .70 | 5 | |
| 25.00 | 33.50 | | | | CATACLASTIC ZONE<br>Highly chloritic, fine grained with subrounded quartz fragments (5-40%), sericite, minor potassic feldspar and disseminated pyrite, trace coarse grained arsenopyrite in matrix, carbonate alteration dominantly as microveinlets. | | | | | | | |
| 25.00 | 26.00 | | sr,ch,c | | - as described, coarse and fine grained pyrite, quartz fragments and silicified, grey-green | 3 | 16518 | 25.00 | 26.00 | 1.00 | 4500 | 0.130 |
| 26.00 | 27.00 | | sr,ch,c | | - as described | 5 | 16519 | 26.00 | 27.00 | 1.00 | 70 | |
| 27.00 | 28.00 | | sr,ch,c | | - as described, possible arsenopyrite | 5 | 16520 | 27.00 | 28.00 | 1.00 | 90 | |
| 28.00 | 29.00 | | s,sr,ch | | - as described, more quartz fragments, silicified | 7 | 16521 | 28.00 | 29.00 | 1.00 | 1180 | 0.041 |
| 29.00 | 30.00 | | sr,ch,c | | - as described | 5 | 16522 | 29.00 | 30.00 | 1.00 | 850 | |
| 30.00 | 31.00 | | sr,ch,c | | - as described, more quartz fragments | 4-7 | 16523 | 30.00 | 31.00 | 1.00 | 40 | |
| 31.00 | 32.00 | | sr,ch,c | | - as described, quartz-carbonate-epidote fractures at 60 to c.a., <1% chalcopyrite | 5 | 16524 | 31.00 | 32.00 | 1.00 | 30 | |
| 32.00 | 33.00 | | sr,ch,c | | - as described, more quartz fragments | 3 | 16525 | 32.00 | 33.00 | 1.00 | 10 | |
| 33.00 | 33.50 | | sr,ch,c | | - as described, carbonate fractures, fractures 10, 45,60 to c.a. | 3 | 16526 | 33.00 | 33.50 | .50 | 15 | |
| 33.50 | 38.60 | | | | TRANSITION ZONE<br>Silicified granodiorite, chloritized mafics, veinlets of chlorite, pyrite and quartz at 50-65 to c.a., slicken-side surfaces, disseminated pyrite. Contacts are gradational, chlorite veinlets cut silicification, quartz veinlets cut chlorite veinlets. | | | | | | | |
| 33.50 | 35.00 | | s | | - as described | 2 | 16527 | 33.50 | 35.00 | 1.50 | 10 | |
| 35.00 | 36.50 | | s | | - as described | 3 | 16528 | 35.00 | 36.50 | 1.50 | 20 | |
| 36.50 | 38.00 | | s | | - as described | 3-5 | 16529 | 36.50 | 38.00 | 1.50 | 20 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38.00 | 38.60 | | s | | - as described | 3 | 16530 | 38.00 | 38.60 | .60 | 40 | |
| 38.60 | 62.70 | | | | QUARTZ DIORITE<br>Coarse grained. Moderately silicified, cut by chloritic veinlets (less numerous than in above unit), pyrite associated with the chlorite and very weakly disseminated in the quartz diorite. Fracture orientations highly variable. | | | | | | | |
| 38.60 | 40.10 | | s,ch | | - as described, fracture controlled pyrite | 1 | 16531 | 38.60 | 40.10 | 1.50 | 55 | |
| 40.10 | 42.00 | | s,ch | | - as described, pyrite disseminated in veinlet selvages | 2-3 | 16532 | 40.10 | 42.00 | .90 | 30 | |
| 42.00 | 42.50 | | ch,s | | - 2cm wide series of parallel chlorite veinlets with massive pyrite 42 to c.a. | 10 | 16533 | 42.00 | 42.50 | .50 | 30 | |
| 42.50 | 43.10 | | s,ch | | - as described | 1 | 16534 | 42.50 | 43.10 | .60 | 20 | |
| 43.10 | 44.60 | | s,ch | | - vuggy, milky quartz vein, 1cm wide at 15 to c.a. | 1 | 16535 | 43.10 | 44.60 | 1.50 | 50 | |
| 44.60 | 46.10 | | s,ch | | - as described | <1 | 16536 | 44.60 | 46.10 | 1.50 | 5 | |
| 46.10 | 47.60 | | s,ch | | - as described | <1 | 16537 | 46.10 | 47.60 | 1.50 | nd | |
| 47.60 | 49.10 | | s,ch,sr | | - as described, fractures at 55,35 and 72 to c.a. | 1 | 16538 | 47.60 | 49.10 | 1.50 | 10 | |
| 49.10 | 50.60 | | ch,sr,c | | - as described, chlorite-sericite-carbonate veinlets | 1 | 16539 | 49.10 | 50.60 | 1.50 | 5 | |
| 50.60 | 52.10 | | s,ch,sr | | - as described | 1 | 16540 | 50.60 | 52.10 | 1.50 | 20 | |
| 52.10 | 53.60 | | s,ch | | - as described, chlorite-pyrite fractures at 55 and 35 to c.a. | 2 | 16541 | 52.10 | 53.60 | 1.50 | 10 | |
| 53.60 | 54.10 | | s,ch | | - as described | 1-2 | 16542 | 53.60 | 54.10 | .50 | 20 | |
| 54.10 | 55.60 | | s,ch,sr | | - as described, quartz-feldspar veinlet at 50 to c.a.(late) | 1 | 16543 | 54.10 | 55.60 | 1.50 | 25 | |
| 55.60 | 57.10 | | s,ch,sr | | - as described, more intense fracturing, minor potassic alteration | 1 | 16544 | 55.60 | 57.10 | 1.50 | 20 | |
| 57.10 | 58.60 | | s,ch,sr | | - as described, hematite fractures at 0 to c.a. | 1 | 16545 | 57.10 | 58.60 | 1.50 | nd | |
| 58.60 | 60.10 | | s,ch | | - as described, serpentine and hematite along fractures at 30 to c.a. | <1 | 16546 | 58.60 | 60.10 | 1.50 | 10 | |
| 60.10 | 61.60 | | s,ch | | - as described | <1 | 16547 | 60.10 | 61.60 | 1.50 | 5 | |
| 61.60 | 62.70 | | s,ch,sr | | - as described | <1 | 16548 | 61.60 | 62.70 | 1.10 | 15 | |
| 62.70 | 67.30 | | | | ALBITITE DYKE<br>Sharp contact at 50 to c.a. Contact is cut by quartz-carbonate-sericite veinlets 20 to c.a. with 1.5cm of offset. Lower contact at 40 to c.a. Minor feldspathic alteration at lower contact. Silicified. Porphyritic white crystals in a grey-green matrix. Several fracture orientations with serpentine. | | | | | | | |
| 62.70 | 64.20 | | | | - as described, carbonate fractures at 25 and 75 to c.a., flourite | | 16549 | 62.70 | 64.20 | 1.50 | nd | |
| 64.20 | 65.70 | | | | - as described | | 16550 | 64.20 | 65.70 | 1.50 | nd | |
| 65.70 | 67.30 | | | | - as described | | 16551 | 65.70 | 67.30 | 1.60 | nd | |
| 67.30 | 101.80 | | | | QUARTZ DIORITE<br>As before. Carbonate microveinlets, pyrite strongly associated with chlorite. Coarse grained. | | | | | | | |
| 67.30 | 68.80 | | s | | - as described, silicified, minor chlotite-pyrite veinlets | <1 | 16552 | 67.30 | 68.80 | 1.50 | 10 | |
| 68.80 | 70.30 | | s,ch | | - as described, pyrite-chlorite veinlets | 1-2 | 16553 | 68.80 | 70.30 | 1.50 | 25 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70.30 | 71.60 | | s,sr | | - highly sericitized, late fractures at 45 to c.a. | 1-2 | 16554 | 70.30 | 71.60 | 1.30 | 30 | |
| 71.60 | 73.30 | | s,sr,ch | | - as described, fractures at 35 and 55 to c.a. | <1 | 16555 | 71.60 | 73.30 | 1.70 | 10 | |
| 73.30 | 74.80 | | s | | - as described | <1 | 16556 | 73.30 | 74.80 | 1.50 | 10 | |
| 74.80 | 75.50 | | s,sr,ch | | - as described, more intense silicification, pyrite on fractures | 1-2 | 16557 | 74.80 | 75.50 | .70 | 5 | |
| 75.50 | 76.80 | | s,sr,ch | | - microveinlets of hematite with pyrite, highly sericitic | 3 | 16558 | 75.50 | 76.80 | 1.30 | 20 | |
| 76.80 | 77.50 | | s,sr,ch | | - microveinlets of hematite with pyrite, highly sericitic | 3 | 16559 | 76.80 | 77.50 | .70 | 15 | |
| 77.50 | 79.00 | | sr,s,ch | | - sericitized, silicified, minor chloritic veinlets | <1 | 16560 | 77.50 | 79.00 | 1.50 | 20 | |
| 79.00 | 80.50 | | sr,s,ch | | - same as 77.5-79.0 | <1 | 16561 | 79.00 | 80.50 | 1.50 | 15 | |
| 80.50 | 82.00 | | sr,s,ch | | - same as 77.5-79.0 | <1 | 16562 | 80.50 | 82.00 | 1.50 | 5 | |
| 82.00 | 83.50 | | sr,s,ch | | - same as 77.5-79.0 | <1 | 16563 | 82.00 | 83.50 | 1.50 | 35 | |
| 83.50 | 85.00 | | s,ch,sr | | - less sericitized | <1 | 16564 | 83.50 | 85.00 | 1.50 | 10 | |
| 85.00 | 86.50 | | s,ch,sr | | - as described, highly fractured(several orietations) | <1 | 16565 | 85.00 | 86.50 | 1.50 | nd | |
| 86.50 | 88.00 | | ch,s | | - more chloritic | <1 | 16566 | 86.50 | 88.00 | 1.50 | 30 | |
| 88.00 | 89.90 | | s,ch | | - as described | <1 | 16567 | 88.00 | 89.90 | 1.90 | 10 | |
| 89.90 | 91.20 | | ks,s | | - weak potassic alteration | <1 | 16568 | 89.90 | 91.20 | 1.30 | 10 | |
| 91.20 | 92.70 | | s | | - fractures at 50 and 80 to c.a. | <1 | 16569 | 91.20 | 92.70 | 1.50 | 30 | |
| 92.70 | 94.20 | | sr | | - fractures at 50 to c.a., highly sericitized | <1 | 16570 | 92.70 | 94.20 | 1.50 | 20 | |
| 94.20 | 95.70 | | | | - as described | <1 | 16571 | 94.20 | 95.70 | 1.50 | 30 | |
| 95.70 | 97.20 | | ch | | - as described | <1 | 16572 | 95.70 | 97.20 | 1.50 | 20 | |
| 97.20 | 98.70 | | ch | | - as described | <1 | 16573 | 97.20 | 98.70 | 1.50 | 5 | |
| 98.70 | 101.80 | | ch | | - as described | <1 | 16574 | 98.70 | 101.80 | 3.10 | 10 | |
| 101.80 | 112.20 | | | | ALBITITE PLUG<br>Moderately silicified. Same rock type as ALBITITE DYKE. No sulfides.<br>Upper contact at 75 to c.a., lower contact at 55 to c.a. | | | | | | | |
| 101.80 | 102.60 | | sr,s | | - intensely sericitized and silcified, quartz-feldspar vein 2cm wide at 30 to c.a. | | 16575 | 101.80 | 102.60 | .80 | 50 | |
| 102.60 | 104.10 | | s | | - as described, local intense silicification | | 16576 | 102.60 | 104.10 | 1.50 | 10 | |
| 104.10 | 105.60 | | sr,s | | - as described | | 16577 | 104.10 | 105.60 | 1.50 | 10 | |
| 105.60 | 107.10 | | sr,s | | - as described | | 16578 | 105.60 | 107.10 | 1.50 | 5 | |
| 107.10 | 108.60 | | sr,s | | - as described | | 16579 | 107.10 | 108.60 | 1.50 | 30 | |
| 108.60 | 110.30 | | sr,s | | - as described | | 16580 | 108.60 | 110.30 | 1.70 | 20 | |
| 110.30 | 112.20 | | sr,s | | - sericitized and later intensely silicified | | 16581 | 110.30 | 112.20 | 1.90 | 20 | |
| 112.20 | 115.60 | | | | QUARTZ DIORITE<br>As before. Minor rounded mafic volcanic xenoliths (up to 3cm across).<br>Fractures at 60-70 to c.a. Chloritized mafics, less dense chloritic<br>fractures, carbonate microveinlets, trace-1% pyrite | | | | | | | |
| 112.20 | 114.50 | | ch | | - as described | tr-1 | 16582 | 112.20 | 114.50 | 2.30 | 20 | |
| 114.50 | 115.60 | | ch | | - as described | tr-1 | 16583 | 114.50 | 115.60 | 1.30 | 10 | |
| 114.50 | 115.60 | | | | - as described | | 16584 | 0.00 | 0.00 | 0.00 | 15 | |
| 114.50 | 115.60 | | | | - as described | | 16585 | 0.00 | 0.00 | 0.00 | 10 | |
| 115.60 | | | | | EOH | | | | | | | |

# OREQUEST CONSULTANTS LTD. DIAMOND DRILL HOLE RECORD Client PEZ GOLD RES. 

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole No. | PGU 89-2 | Northing | 0+65 N | Core Size | BQ | Depth | Dip | Azimuth | Depth | Dip | Azimuth | Started | JAN. 10,1989 | Target |
| Property | URSUS CREEK | Easting | 0+65 W | Casing | Pulled | 127.4 | - 75 | | | | | Completed | JAN. 12,1989 | Comments JUNCTION ZONE |
| Location | | Elevation | 200 | Length | 127.4 | | | | | | | Drill Co. | ROGERS DRILLING | |
| NTS | 92 F 5 | Lalitude | | Dip-Collar | -75 | | | | | | | Logged By | K.H. | |
| Claim No | UREKA 10 | Longitude | 125 35 W | Bearing | 200 | | | | | | | Units | METERS | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3.00 | | | | OVERBURDEN/CASING | | | | | | | |
| 3.00 | 25.00 | | | | OVERBURDEN/CASING<br>Large boulders of silicified granodiorite, quartz diorite and mafic volcanics. Oxidized, rubbled core between boulders. | | | | | | | |
| 25.00 | 28.70 | | | | SHEAR ZONE<br>Sheared margins to the cataclastic zone. Highly sericitic, locally limonitic, minor potassic and carbonate alteration. Local vague granitic texture. Veining and foliation at 10 to c.a. Veinlets of very fine grained pyrite and weakly disseminated pyrite up to 3% | | | | | | | |
| 25.00 | 26.00 | | sr | | - 0.6m lost core, highly sericitic, weak granitic texture | 2 | 16601 | 25.00 | 26.00 | 1.00 | 10 | |
| 26.00 | 27.00 | | sr | | - 0.6m lost core, fracture contolled pyrite | 2 | 16602 | 26.00 | 27.00 | 1.00 | 10 | |
| 27.00 | 28.10 | | sr | | - highly sericitic, fault gouge, brecciated, calcareous, limonitic, foliation 20 to c.a. | 3-5 | 16603 | 27.00 | 28.10 | 1.10 | nd | |
| 28.10 | 28.70 | | sr | | - sericitized, shattered, fracture controlled pyrite | | 16604 | 28.10 | 28.70 | .60 | 5 | |
| 28.70 | 34.70 | | | | CATACLASTIC ZONE<br>Chlorite, waxy green sericite, rounded quartz fragments(35%), late carbonate veinlets at 40 to c.a. | | | | | | | |
| 28.70 | 29.70 | | ch,sr | | - as described | 1-2 | 16605 | 28.70 | 29.70 | 1.00 | 20 | |
| 29.70 | 30.70 | | ch,sr | | - as described | 1-2 | 16606 | 29.70 | 30.70 | 1.00 | 20 | |
| 30.70 | 31.70 | | ch,sr | | - brecciated, fractures at 50 to c.a. | 1-2 | 16607 | 30.70 | 31.70 | 1.00 | 60 | |
| 31.70 | 32.70 | | ch,sr | | - pyrite veinlets, brecciated, 4cm wide fault at 55 to c.a. at 32.1 | 3-4 | 16608 | 31.70 | 32.70 | 1.00 | 40 | |
| 32.70 | 33.70 | | s,sr | | - locally silicified | 2 | 16609 | 32.70 | 33.70 | 1.00 | 40 | |
| 33.70 | 34.70 | | s,sr | | - locally silicified, sericitized (earlier), late microfractures | 1-2 | 16610 | 33.70 | 34.70 | 1.00 | 50 | |
| 34.70 | 40.40 | | | | SHEAR ZONE<br>Cream to pale grey coloured, highly sericitic, variable foliation orientations. Upper contact at 55 to c.a. | | | | | | | |
| 34.70 | 35.70 | | s,c | | - flooded by carbonate, pyrite in late microveinlets | 1 | 16611 | 34.70 | 35.70 | 1.00 | 50 | |
| 35.70 | 36.70 | | s,c | | - as 35.7-36.7 | 1 | 16612 | 35.70 | 36.70 | 1.00 | 30 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36.70 | 37.70 | | sr | | - as described | 1 | 16613 | 36.70 | 37.70 | 1.00 | 50 | |
| 37.70 | 38.70 | | sr | | - brecciated at 38.4-38.7, foliations at 55 to 0 to c.a. | 5 | 16614 | 37.70 | 38.70 | 1.00 | 180 | |
| 38.70 | 39.70 | | sr | | - several grey bands 2-3 cm thick, very fine grained pyrite | 5-7 | 16615 | 38.70 | 39.70 | 1.00 | 5650 | 0.166 |
| 39.70 | 40.40 | | s,sr | | - grey quartz, brecciated | 3 | 16616 | 39.70 | 40.40 | .70 | 12800 | 0.381 |
| 40.40 | 45.80 | | | | CATACLASTIC ZONE<br>Less chloritic, vague granitic texture locally. Fractures at 45-55 to c.a. Gradational contact with shear zone. | | | | | | | |
| 40.40 | 41.40 | | s,sr,ch | | - locally silicified, coarse late pyrite, locally chloritic | 2-5 | 16617 | 40.40 | 41.40 | 1.00 | 310 | |
| 41.40 | 42.40 | | sr,c | | - as described, sub-angular fragments up to 0.7 cm across | 1 | 16618 | 41.40 | 42.40 | 1.00 | 135 | |
| 42.40 | 43.40 | | sr | | - as described | 1-2 | 16619 | 42.40 | 43.40 | 1.00 | 405 | |
| 43.40 | 44.40 | | sr | | - vague granitic texture, minor pyrite cubes | 1-2 | 16620 | 43.40 | 44.40 | 1.00 | 50 | |
| 44.40 | 45.80 | | sr | | - as described | 1 | 16621 | 44.40 | 45.80 | 1.40 | 45 | |
| 45.80 | 46.40 | | | | ALBITITE DYKE<br>Contacts at 60 to c.a. Minor pyrite on fracture surfaces | | | | | | | |
| 45.80 | 46.40 | | | 60 | - as described | tr-1 | 16622 | 45.80 | 46.40 | .60 | 15 | |
| 46.40 | 47.20 | | | | CATACLASTIC ZONE<br>As before. Weak foliation at 50 to c.a. | | | | | | | |
| 46.40 | 47.20 | | sr,c | 50 | - as described | 1-3 | 16623 | 46.40 | 47.20 | .80 | 20 | |
| 47.20 | 54.80 | | | | ALBITITE<br>Medium grained, pale green with 25% dark green chloritized mafics, homogeneous. Cut by carbonate and carbonate-pyrite veinlets at 35, 50 and 70 to c.a. Also chlorite-pyrite wisps and disseminated coarse grained pyrite (total 3-8%). Contact at 45 to c.a. | | | | | | | |
| 47.20 | 48.20 | | ch | | - as described | 3-5 | 16624 | 47.20 | 48.20 | 1.00 | 20 | |
| 48.20 | 49.20 | | ch | | - as described | 3-5 | 16625 | 48.20 | 49.20 | 1.00 | 50 | |
| 49.20 | 50.20 | | ch | | - as described | 5-7 | 16626 | 49.20 | 50.20 | 1.00 | 25 | |
| 50.20 | 51.20 | | ch,c | | - as described | 5 | 16627 | 50.20 | 51.20 | 1.00 | 10 | |
| 51.20 | 52.20 | | ch,c | | - as described | 3-5 | 16628 | 51.20 | 52.20 | 1.00 | nd | |
| 52.20 | 53.20 | | ch,c | | - as described | 5-8 | 16629 | 52.20 | 53.20 | 1.00 | 50 | |
| 53.20 | 54.20 | | ch,c | | - as described | 3-5 | 16630 | 53.20 | 54.20 | 1.00 | 10 | |
| 54.20 | 54.80 | | ch | | - as described | 4-5 | 16631 | 54.20 | 54.80 | .60 | 30 | |
| 54.80 | 60.90 | | | | CATACLASTIC ZONE<br>Quartz fragments composed of 60-75% of this unit with highly chloritic matrix. Fragments are fractured and healed by carbonate (late alteration mineral). Serpentine along fractures at 30 and 55 to c.a. Waxy green sericite occurs in matrix with chlorite. Minor disseminated pyrite. | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54.80 | 55.80 | | ch,sr,c | | - as described | 1 | 16632 | 54.80 | 55.80 | 1.00 | 25 | |
| 55.80 | 56.80 | | ch,sr,c | | - as described | 1 | 16633 | 55.80 | 56.80 | 1.00 | 20 | |
| 56.80 | 57.80 | | ch,sr,c | | - as described | 1 | 16634 | 56.80 | 57.80 | 1.00 | 30 | |
| 57.80 | 58.80 | | ch,sr,c | | - as described | 1 | 16635 | 57.80 | 58.80 | 1.00 | 10 | |
| 58.80 | 59.80 | | sr | | - highly sericitized, fracture at 50 to c.a. | 1 | 16636 | 58.80 | 59.80 | 1.00 | 10 | |
| 59.80 | 60.90 | | sr,s | | - sericitized and moderately silicified | 1 | 16637 | 59.80 | 60.90 | 1.10 | 70 | |
| 60.90 | 80.80 | | | | **TRANSITION ZONE**<br>Gradational contact with Cataclastic Zone. Quartz diorite cut by numerous chloritic veinlets. Weak pervasive silicification. Wisps of pyrite, coarse cubes of pyrite and veinlets of pyrite up to 2 mm wide (total 1-4%) | | | | | | | |
| 60.90 | 62.00 | | ch,s | | - as described | 1 | 16638 | 60.90 | 62.00 | 1.10 | 25 | |
| 62.00 | 63.50 | | ch,s | | - chlorite fractures at 35 to c.a., late quartz-carbonate veinlets at 10 to c.a. | 1 | 16639 | 62.00 | 63.50 | 1.50 | 5 | |
| 63.50 | 65.00 | | ch,s | | - fractures at 35 to c.a. | 1-3 | 16640 | 63.50 | 65.00 | 1.50 | 20 | |
| 65.00 | 66.50 | | ch,s | | - as described | 1 | 16641 | 65.00 | 66.50 | 1.50 | 45 | |
| 66.50 | 68.00 | | ch,s | | - minor feldspathic alteration | <1 | 16642 | 66.50 | 68.00 | 1.50 | 15 | |
| 68.00 | 69.50 | | ch,s | | - fractures at 20 to c.a. | <1 | 16643 | 68.00 | 69.50 | 1.50 | 40 | |
| 69.50 | 71.00 | | ch,s | | - several pyrite veinlets at 20 -25 to c.a. (very late) | 2-4 | 16644 | 69.50 | 71.00 | 1.50 | 25 | |
| 71.00 | 72.50 | | ch,s | | - as described | 1-2 | 16645 | 71.00 | 72.50 | 1.50 | 20 | |
| 72.50 | 74.00 | | ch,s | | - as described | 2-3 | 16646 | 72.50 | 74.00 | 1.50 | 25 | |
| 74.00 | 75.50 | | ch,s | | - as described, fractures at 30 to c.a. | 1 | 16647 | 74.00 | 75.50 | 1.50 | nd | |
| 74.00 | 77.00 | | ch,s | | - as described | 1-2 | 16648 | 75.50 | 77.00 | 1.50 | 15 | |
| 77.00 | 78.50 | | ch,s | | - as described | 1-2 | 16649 | 77.00 | 78.50 | 1.50 | 20 | |
| 78.50 | 80.00 | | ch,s | | - as described | 2 | 16650 | 78.50 | 80.00 | 1.50 | 40 | |
| 80.00 | 80.80 | | ch,s | | - carbonate filled gash with pyrite in margins and within carbonate therefore py contemporaneous with carbonate | 2 | 16651 | 80.00 | 80.80 | .80 | 15 | |
| 80.80 | 88.10 | | | | QUARTZ DIORITE<br>As before. Fractures at 37 and 15 to c.a. | | | | | | | |
| 80.80 | 82.30 | | s | | - weak silicification | 1-2 | 16652 | 80.00 | 82.30 | 2.30 | 40 | |
| 82.30 | 83.80 | | | | - as described | 1 | 16653 | 82.30 | 83.80 | 1.50 | 20 | |
| 83.80 | 85.30 | | ch,sr | | - more chlorite-sericite veinlets | <1 | 16654 | 83.80 | 85.30 | 1.50 | nd | |
| 85.30 | 86.80 | | ks,ch | | - weak feldspathic alteration | <1 | 16655 | 85.30 | 86.80 | 1.50 | 10 | |
| 86.80 | 88.10 | | ks,ch | | - weak feldspathic alteration | <1 | 16656 | 86.80 | 88.10 | 1.30 | 10 | |
| 88.10 | 98.30 | | | | ALBITITE PLUG<br>Same unit as seen in PGU89-1. Upper contact at 32 to c.a. Homogeneous grey-green, white phenocrysts. Quartz-carbonate veinlets at 45,70 and 0 to c.a. | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88.10 | 89.60 | | | | - as described, fracture related pyrite | <1-1 | 16657 | 88.10 | 89.60 | 1.50 | 10 | |
| 98.30 | 127.40 | | | | QUARTZ DIORITE<br>Contacts sharp at 60 to c.a. Very homogeneous, less fractured and locally chlorite flooded. Minor quartz veinlets, white, no sulfides, 1-2 cm wide at 50 to c.a. Minor volcanic xenoliths, 2-4 cm with <1% disseminated pyrite. 119.5-120.5 m Albitite Dyke. | | | | | | | |
| 127.40 | | | | | EOH | | | | | | | |

# OREQUEST CONSULTANTS LTD. DIAMOND DRILL HOLE RECORD Client PEZ GOLD RES. 

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole No. | PGU 89-3 | Northing | 0+00 N | Core Size | BQ | Depth | Dip | Azimuth | Depth | Dip | Azimuth | Started | JAN. 14,1989 | Target |
| Property | URSUS CREEK | Easting | 0+80 E | Casing | Pulled | 206.6 | - 44 | | | | | Completed | JAN. 18,1989 | Comments JUNCTION ZONE |
| Location | | Elevation | 300 | Length | 206.6 | | | | | | | Drill Co. | ROGERS DRILLING | |
| NTS | 92 F 5 | Lalitude | | Dip-Collar | -45 | | | | | | | Logged By | K.H. | |
| Claim No | UREKA 10 | Longitude | 125 35 W | Bearing | 020 | | | | | | | Units | METERS | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.80 | | | | OVERBURDEN/CASING | | | | | | | |
| 1.80 | 10.80 | | | | QUARTZ DIORITE<br>Coarse grained, homogeneous, chloritized mafics. Weakly silicified becoming more intense down the hole. Minor chloritic veinlets sometimes with carbonate (white) cores, minor quartz veinlets. Pyrite strongly associated with chlorite, coarsely disseminated in in granodiorite and very fine grained along fractures. | | | | | | | |
| 1.80 | 3.30 | s,ch,c | | | - fracture related Fe-alteration | 1 | 16701 | 1.80 | 3.30 | 1.50 | 40 | |
| 3.30 | 4.80 | s,ch,c | | | - as described | 1 | 16702 | 3.30 | 4.80 | 1.50 | 85 | |
| 4.80 | 6.30 | s,ch,c | | | - fracture related Fe-alteration | 2 | 16703 | 4.80 | 6.30 | 1.50 | 100 | |
| 6.30 | 7.80 | s,ch,c | | | - as described | 1-2 | 16704 | 6.30 | 7.80 | 1.50 | 40 | |
| 7.80 | 8.30 | s,ch,c | | | - as described, highly oxidized | 3 | 16705 | 7.80 | 8.30 | .50 | 180 | |
| 8.30 | 9.10 | s,ch,c | | | - more pyrite, more silicified | 3-4 | 16706 | 8.30 | 9.10 | .80 | 130 | |
| 9.10 | 9.90 | s,ch,c | | | - same as 8.3-9.1 m | 3-5 | 16707 | 9.10 | 9.90 | .80 | 95 | |
| 9.90 | 10.80 | s,ch,c | | | - as described | 1-2 | 16708 | 9.90 | 10.80 | .90 | 50 | |
| 10.80 | 14.70 | | | | CATACLASTIC ZONE<br>Fault gouge at contact 50 to c.a. 60-80% quartz healed by chloritic -limonitic material. 1-5% disseminated pyrite. | | | | | | | |
| 10.80 | 11.70 | ch | | | - as described | 2 | 16709 | 10.80 | 11.70 | .90 | 25 | |
| 11.70 | 12.70 | ch | | | - as described | 1-2 | 16710 | 11.70 | 12.70 | 1.00 | 30 | |
| 12.70 | 13.70 | ch | | | - 1.5 cm vein of chlorite-hematite-quartz-pyrite at 55 to c.a. | 2-5 | 16711 | 12.70 | 13.70 | 1.00 | 30 | |
| 13.70 | 14.70 | ch | | | - as described | 1 | 16712 | 13.70 | 14.70 | 1.00 | 10 | |
| 14.70 | 15.10 | | | | ALBITITE DYKE<br>Fine grained green matrix with porphyritic mafic mineral (chloritized). Numerous carbonate veinlets with pyrite randomly oriented. Locally hematitic. Sharp contact at 40 to c.a. Fractures with slickensides at 30 to c.a. Pyrite disseminated. | | | | | | | |
| 14.70 | 15.10 | ch | | | - as described | 3 | 16713 | 14.70 | 15.10 | .40 | 100 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.10 | 18.40 | | | | CATCLASTIC ZONE<br>Same as 10.8-14.7 m. | | | | | | | |
| 15.10 | 16.10 | | ch,sr | | - as described | 1-2 | 16714 | 15.10 | 16.10 | 1.00 | 25 | |
| 16.10 | 17.10 | | ch,sr | | - as described | 2 | 16715 | 16.10 | 17.10 | 1.00 | 160 | |
| 17.10 | 18.10 | | ch,sr | | - quartz-feldspar vein 1 cm wide and fault gouge at 50 to c.a.,minor hematite | 4 | 16716 | 17.10 | 18.10 | 1.00 | 90 | |
| 18.10 | 18.40 | | ks,ch | | - weak feldspar alteration | 1 | 16717 | 18.10 | 18.40 | .30 | 15 | |
| 18.40 | 20.10 | | | | ALBITITE DYKE<br>Fine grained, green matrix with feldspar phenocrysts. Matrix is softer than elsewhere. Shattered and healed by white carbonate. Fractures at 55 to c.a. Sharp contact at 60 to c.a. | | | | | | | |
| 18.40 | 19.30 | | ch | | - as described | <1 | 16718 | 18.40 | 19.30 | .90 | 20 | |
| 19.30 | 20.10 | | ch | | - as described | <1 | 16719 | 19.30 | 20.10 | .80 | 20 | |
| 20.10 | 24.80 | | | | QUARTZ DIOROTE<br>Moderately to highly silicified, weak potassic alteration. Fractures at 50 to c.a. (quartz), later at 20 to c.a. (carbonate). Minor chloritic fractures with random orientations predate all others | | | | | | | |
| 20.10 | 21.60 | | s,ks,ch | | - as described | <1-1 | 16720 | 20.10 | 21.60 | 1.50 | 10 | |
| 21.60 | 23.50 | | s,ks,ch | | - as described | <1-1 | 16721 | 21.60 | 23.50 | 1.90 | 10 | |
| 23.50 | 24.80 | | s,ks,ch | | - as described | <1-1 | 16722 | 23.50 | 24.80 | 1.30 | 20 | |
| 24.80 | 80.30 | | | | QUARTZ DIORITE<br>Homogeneous, minor chlorite veinlets, minor feldspar veins 1-5 mm wide with silicified margins. Minor mafic volcanic xenoliths with <1% pyrite. | | | | | | | |
| 32.00 | 32.50 | | s,ch,sp | | - silicified Cataclastic Zone, contact sharp at 40 to c.a.,serpentine | <1-1 | 16723 | 32.00 | 32.50 | .50 | 20 | |
| 51.00 | 52.50 | | s,ch | | - minor disseminated and fracture related pyrite | 1 | 16724 | 51.00 | 52.50 | 1.50 | 5 | |
| 52.50 | 54.00 | | c | | - carbonate-pyrite veinlets at 15 to c.a. cut by carbonate veinlets at 45 to c.a. | 1-4 | 16725 | 52.50 | 54.00 | 1.50 | 20 | |
| 54.00 | 55.50 | | ch | | - chlorite-pyrite veinlets cut by quartz-feldspar veinlets cut by pyrite veinlets | 2-3 | 16726 | 54.00 | 55.50 | 1.50 | 10 | |
| 55.50 | 57.10 | | ks | | - feldspar flooded, fractured and healed by quartz (grey), hematite | 1-2 | 16727 | 55.50 | 57.10 | 1.60 | 5 | |
| 57.10 | 58.60 | | s,ch | | - minor feldspar alteration, fractured controlled pyrite | 1 | 16728 | 57.10 | 58.60 | 1.50 | 10 | |
| 64.70 | 65.80 | | sr | | - fault at 65 m, 2-5 cm gouge zones at 50 to c.a.<br>fault at 65.6 m at 60 to c.a., 2 cm of gouge | <1-1 | 16729 | 64.70 | 65.80 | 1.10 | 25 | |
| 80.30 | 139.70 | | | | TRANSITION ZONE<br>Gradational contact distinguished by increased fracture density and chlorite flooding. Moderately silicified. <1% pyrite to 96.4 m increasing down hole, dominantly as fracture controlled pyrite | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | with minor disseminated | | | | | | | |
| 94.90 | 96.40 | | sr | | - contact zone | <1 | 16730 | 94.90 | 96.40 | 1.50 | 10 | |
| 96.40 | 97.90 | | s,ch | | - as described, quartz-feldspar fractures at 50 to c.a. | <1-1 | 16731 | 96.40 | 97.90 | 1.50 | 10 | |
| 97.90 | 99.40 | | s,ch | | - as described | 1 | 16732 | 97.90 | 99.40 | 1.50 | 50 | |
| 99.40 | 100.90 | | s,ch | | - as described | 1 | 16733 | 99.40 | 100.90 | 1.50 | 40 | |
| 100.90 | 102.40 | | s,ch | | - as described | 1 | 16734 | 100.90 | 102.40 | 1.50 | 10 | |
| 102.40 | 103.90 | | s,ch | | - as described | 1 | 16735 | 102.40 | 103.90 | 1.50 | 10 | |
| 103.90 | 105.40 | | s,ch | | - as described, fractures at 50 and 0 to c.a. | 1 | 16736 | 103.90 | 105.40 | 1.50 | 10 | |
| 105.40 | 106.90 | | s,ch | | - as described, notably more fracture controlled pyrite | 2 | 16737 | 105.50 | 106.90 | 1.40 | 80 | |
| 106.90 | 108.40 | | s,ch | | - moderately silicified, late carbonate fractures at 35 to c.a. | 1 | 16738 | 106.90 | 108.40 | 1.50 | 15 | |
| 108.40 | 109.90 | | s,ch | | - moderately silicified, quartz-feldspar fractures cut by carbonate fractures | 1 | 16739 | 108.40 | 109.90 | 1.50 | 20 | |
| 109.90 | 111.40 | | s,ch | | - more chlorite-sericite, coarser pyrite | 1-2 | 16740 | 109.90 | 111.40 | 1.50 | 15 | |
| 111.40 | 113.00 | | s,ch | | - carbonate-pyrite veinlets at 30 to c.a., chlorite-sericite | 2 | 16741 | 111.40 | 113.00 | 1.60 | 15 | |
| 113.00 | 114.50 | | s,ch | | - chlorite veinlets later than carbonate at 30 to c.a. | 1 | 16742 | 113.00 | 114.50 | 1.50 | 10 | |
| 114.50 | 116.00 | | s,ch | | - 2 cm fault at 20 to c.a. at 115.6 m, chlorite-sericite-pyrite | 2-3 | 16743 | 114.50 | 116.00 | 1.50 | 25 | |
| 116.00 | 117.50 | | s,ch | | - more quartz | 1 | 16744 | 116.00 | 117.50 | 1.50 | 10 | |
| 117.50 | 119.00 | | s,ch | | - more quartz | <1 | 16745 | 117.50 | 119.00 | 1.50 | 35 | |
| 119.00 | 120.50 | | s,ch | | - serpentine-pyrite fault zone at 40 to c.a. at 120.1-120.2 m | 1-4 | 16746 | 119.00 | 120.50 | 1.50 | 20 | |
| 120.50 | 122.00 | | s,ch | | - pyrite-serpentine veinlets at 20 to c.a., disseminated pyrite | 2-3 | 16747 | 120.50 | 122.00 | 1.50 | 40 | |
| 122.00 | 123.50 | | s,ch | | - quartz healed breccia 10 cm wide, no pyrite | 1 | 16748 | 122.00 | 123.50 | 1.50 | 20 | |
| 123.50 | 125.00 | | s,ch | | - as described | <1 | 16749 | 123.50 | 125.00 | 1.50 | 20 | |
| 125.00 | 126.50 | | s,ch | | - moderately silicified, local feldspar alteration | 2 | 16750 | 125.00 | 126.50 | 1.50 | 10 | |
| 126.50 | 128.00 | | s,ch | | - as described | <1 | 16751 | 126.50 | 128.00 | 1.50 | 15 | |
| 128.00 | 129.50 | | s,ch | | - as described | <1 | 16752 | 128.00 | 129.50 | 1.50 | 10 | |
| 129.50 | 131.00 | | s,ch | | - fracture related pyrite | 2 | 16753 | 129.50 | 131.00 | 1.50 | 20 | |
| 131.00 | 132.50 | | s,ch | | - as described | 1 | 16754 | 131.00 | 132.50 | 1.50 | 20 | |
| 132.50 | 134.00 | | s,ch | | - fracture related pyrite | 1-2 | 16755 | 132.50 | 134.00 | 1.50 | 20 | |
| 134.00 | 135.50 | | s,ch | | - as described | 1 | 16756 | 134.00 | 135.50 | 1.50 | 20 | |
| 135.50 | 137.00 | | s,ch | | - more chlorite | 1 | 16757 | 135.50 | 137.00 | 1.50 | 30 | |
| 137.00 | 138.50 | | s,ch | | - chlorite-serpentine, fracture related pyrite | 1-2 | 16758 | 137.00 | 138.50 | 1.50 | 70 | |
| 138.50 | 139.70 | | s,ch | | - pyritic fractures, locally coarse grained | 2-3 | 16759 | 138.50 | 139.70 | 1.20 | 60 | |
| 139.70 | 142.70 | | | | CATACLASTIC ZONE<br>Gradational contact. Highly chloritic and locally sericitic (waxy green coloured), 30-50% quartz fragments up to 1 cm, rounded and floating in a sericite-chlorite matrix, commonly rimmed by carbonate, Coarse grained pyrite disseminated in matrix. | | | | | | | | |
| 139.70 | 140.70 | | ch,sr | | - as described | 1-2 | 16760 | 137.90 | 140.70 | 2.80 | 30 | |
| 140.70 | 141.70 | | ch,sr | | - as described | <1 | 16761 | 140.70 | 141.70 | 1.00 | 25 | |
| 141.70 | 142.70 | | ch,sr | | - as described | <1 | 16762 | 141.70 | 142.70 | 1.00 | 10 | |
| 142.70 | 154.40 | | | | TRANSITION ZONE<br>As before. Gradational contact | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 142.70 | 144.20 | | ch,s | | - as described | <1 | 16763 | 142.70 | 144.20 | 1.50 | 30 | |
| 144.20 | 145.70 | | ch,s | | - as described | <1 | 16764 | 144.20 | 145.70 | 1.50 | 60 | |
| 145.70 | 147.20 | | ch,s | | - less chlorite veinlets | <1 | 16765 | 145.70 | 147.20 | 1.50 | 40 | |
| 147.20 | 148.70 | | ch,s | | - as described | <1 | 16766 | 147.20 | 148.70 | 1.50 | 45 | |
| 148.70 | 150.20 | | ch,s | | - as described, small patch of pyrite flooding | <1-1 | 16767 | 148.70 | 150.20 | 1.50 | 30 | |
| 150.20 | 151.70 | | ch,s | | - moderately silicified | <1-1 | 16768 | 150.20 | 151.70 | 1.50 | 60 | |
| 154.50 | 156.70 | | | | ALBITITE DYKE<br>Sharp contact at 55 to c.a. Carbonate veinlets at 40 and 60 to c.a. with pyrite, minor disseminated pyrite | | | | | | | |
| 154.50 | 155.50 | | c | | - as described | 1 | 16769 | 154.50 | 155.50 | 1.00 | 30 | |
| 155.50 | 156.70 | | c | | - as described | 1-2 | 16770 | 155.50 | 156.70 | 1.20 | 55 | |
| 156.70 | 166.80 | | | | CATACLASTIC ZONE<br>Again highly chloritic and sericitic, 30-60% quartz fragments.<br>Footwall of Albitite dyke seems to generally be richer in pyrite. | | | | | | | |
| 156.70 | 157.70 | | ch,s | | - rich in quartz fragments | 3 | 16771 | 156.70 | 157.70 | 1.00 | 20 | |
| 157.70 | 158.80 | | ch,s | | - as described | 2 | 16772 | 157.70 | 158.80 | 1.10 | 10 | |
| 158.80 | 159.50 | | ch,s | | - silicified with grey quartz, shattered and healed with carbonate | 1-3 | 16773 | 158.80 | 159.50 | .70 | 40 | |
| 159.50 | 160.50 | | ch,s | | - as described | 2 | 16774 | 159.50 | 160.50 | 1.00 | 40 | |
| 160.50 | 161.70 | | ch,s | | - as described | 2-3 | 16775 | 160.50 | 161.70 | 1.20 | 40 | |
| 161.70 | 162.70 | | ch,s | | - silicified locally, local feldspar alteration, coarse pyrite cubes | 1-3 | 16776 | 161.70 | 162.70 | 1.00 | 15 | |
| 162.70 | 163.50 | | ch,s | | - fractures at 35 to c.a., locally silicified | 2-3 | 16777 | 162.70 | 163.50 | .80 | 25 | |
| 163.50 | 164.50 | | ch,s | | - moderately silicified | 1-2 | 16778 | 163.50 | 164.50 | 1.00 | 50 | |
| 164.50 | 165.50 | | ch,s | | - fractures at 45 to c.a. | 1-2 | 16779 | 164.50 | 165.50 | 1.00 | 250 | |
| 165.50 | 166.80 | | ch,s | | - fractures at 50-65 to c.a., numerous, sericitic and silicified, blebs of chalcopyrite | 2-3 | 16780 | 165.50 | 166.80 | 1.30 | 60 | |
| 166.80 | 167.80 | | | | QUARTZ VEIN<br>Sharp lower contact at 55 to c.a. Upper contact more irregular, Fractured and healed by grey quartz and yellow sericite-pyrite dominanltly at 55 to c.a. | | | | | | | |
| | | | | | | 4 | 16781 | 166.80 | 167.80 | 1.00 | 85 | |
| | | | | | | 4 | 16781 | 166.80 | 167.80 | 1.00 | 85 | |
| 167.80 | 180.50 | | sr,s | | SHEAR ZONE | <1-1 | 16782 | 167.80 | 168.80 | 1.00 | 230 | |
| | | | sr,s | | Highly sericitic and locally silicified. Later shattered with qtz-carb healing. Core is pasty, foliation is poorly developed. Hematite is present in siliceous veinlets. | <1-1 | 16783 | 168.80 | 169.80 | 1.00 | 10000 | 0.452 |
| | | | sr,s | | | 1-2 | 16784 | 169.80 | 170.60 | .80 | 1180 | 0.034 |
| | | | sr,s | | | 1 | 16785 | 170.60 | 171.60 | 1.00 | 220 | |
| | | | sr,s | | | 1 | 16786 | 171.60 | 172.60 | 1.00 | 240 | |
| 167.80 | 168.80 | | | | - silicification predates sericite | | | | | | | |
| 168.80 | 169.80 | | | | - vague foliation at 15 -30 to c.a, silicified | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 169.80 | 170.60 | | | | - minor hematite-pyrite, foliation at 60 to c.a.,silicified | | | | | | | |
| 170.60 | 171.60 | | | | - highly sericitic-pasty, grey, foliation at 45 to c.a. | | | | | | | |
| 171.60 | 172.60 | | | | - same as 170.6-171.6 | | | | | | | |
| 172.60 | 174.10 | | sr,s | | - silicified | <1 | 16787 | 172.60 | 174.10 | 1.50 | 120 | |
| 174.10 | 175.60 | | sr,s | | - locally silicified, locally pastey with sericite | <1-1 | 16787 | 174.10 | 175.60 | 1.50 | 120 | |
| 175.60 | 177.10 | | sr,s | | - same as 174.1-175.6 m | <1-1 | 16788 | 175.60 | 177.10 | 1.50 | 30 | |
| 177.10 | 178.10 | | sr,s | | - same as 174.1-175.6 m | <1-1 | 16789 | 177.10 | 178.10 | 1.00 | 30 | |
| 177.10 | 178.10 | | sr,s | | - same as 174.1-175.6 m | <1-1 | 16790 | 177.10 | 178.10 | 1.00 | 20 | |
| 177.10 | 178.10 | | sr,s | | - same as 174.1-175.6 m | <1-1 | 16790 | 177.10 | 178.10 | 1.00 | 20 | |
| 178.10 | 180.50 | | sr,s | | - same as 174.1-175.6 m, minor flourite | <1-1 | 16791 | 178.10 | 180.50 | 2.40 | 40 | |
| 180.50 | 190.40 | | | | CATACLASTIC ZONE<br>Highly chloritic, less pyritic, 10-30% quartz fragments. Weak foliation at 30-40 to c.a. Carbonate veinlets and blebs. | | | | | | | |
| 180.50 | 182.00 | | ch,c | | - as described, pyrite very finely disseminated | 1 | 16792 | 180.50 | 182.00 | 1.50 | 30 | |
| 182.00 | 183.50 | | ch,c | | - foliation at 30-40 to c.a., locally sericitic | 1 | 16793 | 182.00 | 183.50 | 1.50 | 20 | |
| 183.50 | 185.00 | | ch,c | | - as described | 1 | 16794 | 183.50 | 185.00 | 1.50 | 20 | |
| 185.00 | 186.50 | | ch,c | | - as described | 1 | 16795 | 185.00 | 186.50 | 1.50 | 15 | |
| 186.50 | 187.50 | | ch,c | | - as described, fractures at 45 to c.a. with sericite-carbonate | 1 | 16796 | 186.50 | 187.50 | 1.00 | 10 | |
| 187.50 | 189.00 | | ch,c | | - vague intrusive texture | <1 | 16797 | 187.50 | 189.00 | 1.50 | 30 | |
| 189.00 | 190.40 | | ch,c | | - as described | 1-2 | 16798 | 189.00 | 190.40 | 1.40 | 10 | |
| 190.40 | 206.60 | | | | ALBITITE DYKE<br>Identified by white phenocrysts in grey-green matrix, locally green phenocrysts in more fine grained matrix. Locally silicified. | | | | | | | |
| 190.40 | 192.40 | | ks,s | | - feldspar alteration, minor silicification, quartz-carbonate veinlets | 1 | 16799 | 190.40 | 192.40 | 2.00 | 10 | |
| 192.40 | 194.40 | | ks,s | | - same as 190.4-192.4 m | 1-2 | 16800 | 192.40 | 194.40 | 2.00 | 15 | |
| 194.90 | 196.40 | | ks,s | | - same as 190.4-192.4 m | 1-2 | 16801 | 194.40 | 196.40 | 2.00 | 10 | |
| 196.60 | 198.40 | | s | | - mafic phenocrysts and locally intensely silicified | 1 | 16802 | 196.40 | 198.40 | 2.00 | 5 | |
| 196.60 | 198.40 | | | | - mafic phenocrysts and locally intensely silicified | | 16803 | 0.00 | 0.00 | 0.00 | 5 | |
| 206.60 | | | | | EOH | | | | | | | |

# OREQUEST CONSULTANTS LTD. DIAMOND DRILL HOLE RECORD Client PEZ GOLD RES. 

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole No. | PGU 89-4 | Northing | 0+00 N | Core Size | BQ | Depth | Dip | Azimuth | Depth | Dip | Azimuth | Started | JAN. 14,1989 | Target |
| Property | URSUS CREEK | Easting | 0+80 E | Casing | Pulled | 251.1 | - 48 | | | | | Completed | JAN. 18,1989 | Comments JUNCTION ZONE |
| Location | | Elevation | 300 | Length | 251.1 | | | | | | | Drill Co. | ROGERS DRILLING | |
| NTS | 92 F 5 | Lalitude | | Dip-Collar | -50 | | | | | | | Logged By | K.H. | |
| Claim No | UREKA 10 | Longitude | 125 35 W | Bearing | 020 | | | | | | | Units | METERS | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206.60 | | | | | EOH | | 16805 | 0.00 | 0.00 | 0.00 | 10 | |
| | 1.50 | | | | OVERBURDEN/CASING | | | | | | | |
| 1.50 | 12.50 | | | | QUARTZ DIORITE<br>Coarse grained, homogeneous, moderately sicified, weak feldspathic alteration, sericitized (waxy green). Several dark grey veinlets and quartz-feldspar veinlets. Disseminated coarse pyrite. Siliceous, sericite and feldspar alteration. | | | | | | | |
| 1.90 | 3.40 | s,sr | | | - limonitic, fractures highly pyritic | 1-2 | 16901 | 1.90 | 3.40 | 1.50 | 40 | |
| 3.40 | 4.90 | s,sr,ks | | | - veinlet at 30 and 40 to c.a. | 1 | 16902 | 3.40 | 4.90 | 1.50 | 80 | |
| 4.90 | 6.40 | s,sr,ks | | | - as described | 1 | 16903 | 4.90 | 6.40 | 1.50 | 70 | |
| 6.40 | 7.90 | s,sr,ks | | | - as described, coarse pyrite is disseminated and fracture controlled | 2 | 16904 | 6.40 | 7.90 | 1.50 | 90 | |
| 7.90 | 9.40 | s | | | - locally limonitic, as described, coarse pyrite, quartz eyes | 1-2 | 16905 | 7.90 | 9.40 | 1.50 | 130 | |
| 9.40 | 10.40 | s,sr | | | - as described, highly pyritic fractures, medium to coarse grained | 1-2 | 16906 | 9.40 | 10.40 | 1.00 | 130 | |
| 10.40 | 11.90 | s,sr | | | - locally limonitic, pods of medium grained pyrite | 2-3 | 16907 | 10.40 | 11.90 | 1.50 | 180 | |
| 11.90 | 12.80 | s,sr,ks | | | - as described | 1 | 16908 | 11.90 | 12.80 | .90 | 40 | |
| 12.80 | 15.00 | | | | CATACLASTIC ZONE<br>Quartz fragments healed by sericite-chlorite matrix-fragment supported. Much less chlorite than main zone in Ursus Creek. Grey veinlets at 0 to c.a. Distinguished from Granodiorite by loss of | | | | | | | |
| 12.80 | 14.00 | sr,ch | | | - as described | <1 | 16909 | 12.80 | 14.00 | 1.20 | 20 | |
| 14.00 | 15.00 | sr,ch | | | - as described | <1 | 16910 | 14.00 | 15.00 | 1.00 | 20 | |
| 15.00 | 15.40 | | | | ALBITITE DYKE | | | | | | | |
| 15.00 | 15.40 | | | | - as described | | 16911 | 15.00 | 15.40 | .40 | 10 | |
| 15.40 | 22.10 | | | | CATACLASTIC ZONE<br>As before. Sericite and quartz alteration. | | | | | | | |
| 15.40 | 16.90 | sr,ch | | | - hematite-quartz veinlets | 1 | 16912 | 15.40 | 16.90 | 1.50 | 10 | |
| 16.90 | 18.40 | sr,ch | | | - hematite-quartz veinlets | 1-2 | 16913 | 16.90 | 18.40 | 1.50 | 200 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.40 | 19.90 | | sr,ch | | - pyrite associated with chlorite and sericite | 1 | 16914 | 18.40 | 19.90 | 1.50 | 150 | |
| 19.90 | 21.00 | | sr,ch | | - as described | 2-3 | 16915 | 19.90 | 21.00 | 1.10 | 100 | |
| 21.00 | 22.10 | | sr,ch | | - chloritic and hematitic veinlets | <1-1 | 16916 | 21.00 | 22.10 | 1.10 | nd | |
| 22.10 | 24.30 | | | | ALBITITE DYKE<br>Sharp contact (1 cm breccia zone) at 22 to c.a. Carbonate and carbonate-hematite veinlets | | | | | | | |
| 24.30 | 143.00 | | | | QUARTZ DIORITE<br>As before, <1% pyrite, dominantly fracture controlled. Chlorite and sericite alteration.<br><br>32.3-34.8 Cataclastic with serpentine matrix. Possibly fault zone | | | | | | | |
| 32.30 | 33.60 | | ch,sr | | - as described | <1 | 16917 | 32.30 | 33.60 | 1.30 | nd | |
| 33.60 | 34.80 | | ch,sr | | - as described | <1 | 16918 | 33.60 | 34.80 | 1.20 | nd | |
| 34.80 | 36.30 | | ch,sr | | - chlorite-pyrite veinlets | <1 | 16919 | 34.80 | 36.30 | 1.50 | 10 | |
| | | | | | 34.8-40.3. Pervasive blotches of salmon pink potassic alteration. Quartz-feldspar veinlets at 50 to c.a. with silicified margins. <1% disseminated, fine grained pyrite. Potassic, sericitic and chloritic alteration.<br><br>62.3-62.7 Fault bounded feldspathic alteration zone at 35 to c.a. Wall rock is silicified granodiorite. | | | | | | | |
| 62.30 | 62.70 | | p,sr,ch | | - as described | <1-1 | 16920 | 62.30 | 62.70 | .40 | 20 | |
| 62.70 | 63.70 | | | | -as described | | 16921 | 62.70 | 63.70 | 1.00 | 55 | |
| | | | | | 63.7-64.1 Fault bounded feldspathic zone at 60 to c.a. Grey veinlets at 35 and 55 to c.a. | | | | | | | |
| 63.70 | 64.10 | | | | - as described | 1 | 16922 | 63.70 | 64.10 | .40 | 10 | |
| | | | | | 73.9 Fault at 60 to c.a., sericitic gouge, carbonate veinlets, zone is 25 cm wide.<br><br>Minor mafic volcanic xenoliths. Local weak potassic alteration as at 90.8-93.0. Commonly grey rather than green. Weakly to moderately silicified. Pyrite occurs locally as very fine grained smears on fracture faces. Movement on fractures also indicated by slickensides Minor euhedral, medium grained pyrite.<br><br>94.5 Fault gouge at 55 to c.a. 7 cm wide<br><br>Quartz-feldspar veinlets at 40 to c.a. | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Contact with lower unit is gradational | | | | | | | |
| 143.00 | 172.60 | | | | TRANSITION ZONE<br>Gradational contact marked by increased pyrite content and chlorite-sericite veinlets and flooding. Late carbonate veinlets and gash fillings associated with pyrite. | | | | | | | |
| 143.00 | 144.50 | | | | - fracture controlled and disseminated pyrite | 1-2 | 16923 | 143.00 | 144.50 | 1.50 | 50 | |
| 144.50 | 146.00 | | | | - sericitized and later silicified | 1-2 | 16924 | 144.50 | 146.00 | 1.50 | 40 | |
| 146.00 | 147.50 | | | | - sericitized and later silicified, carbonate fractures related to pyrite | 2 | 16925 | 146.00 | 147.50 | 1.50 | 30 | |
| 147.50 | 149.00 | | | | - fracture controlled pyrite | 1-2 | 16926 | 147.50 | 149.00 | 1.50 | 10 | |
| 149.00 | 150.50 | | sr | | - 3 cm wide quartz-feldspar-amphibole vein at 40 to c.a. | 1 | 16927 | 149.00 | 150.50 | 1.50 | 10 | |
| 150.00 | 152.00 | | s,sr | | - silicified, dominantly fracture controlled pyrite | 1-2 | 16928 | 150.50 | 152.00 | 1.50 | 30 | |
| 152.00 | 153.50 | | c,sr | | - late pyrite-carbonate gash fillings, locally silicified | 3-4 | 16929 | 152.00 | 153.50 | 1.50 | 40 | |
| 153.50 | 155.00 | | s,sr | | - silicified | 1 | 16930 | 153.50 | 155.00 | 1.50 | 10 | |
| 155.00 | 157.70 | | sr | | - more granitic textured | 1 | 16931 | 155.00 | 157.70 | 2.70 | 40 | |
| 157.70 | 159.20 | | s,sr,c | | - granitic with sericite-chlorite veinlets, pyrite-carbonate veinlets | 1--3 | 16932 | 157.70 | 159.20 | 1.50 | 15 | |
| 159.20 | 160.70 | | sr | | - granitic with sericite-chlorite veinlets, pyrite-carbonate veinlets | 1 | 16933 | 159.20 | 160.70 | 1.50 | 65 | |
| 160.70 | 162.20 | | c,sr | | - granitic with pyrite-carbonate veinlets | 1 | 16934 | 160.70 | 162.20 | 1.50 | 95 | |
| 162.20 | 163.70 | | s,sr | | - silicified | 1 | 16935 | 162.20 | 163.70 | 1.50 | 210 | |
| 163.70 | 165.20 | | sr,s | | - as described | 2 | 16936 | 163.70 | 165.20 | 1.50 | 390 | |
| 165.20 | 166.50 | | s | | - pyrite veinlets, granitic texture | 2 | 16937 | 165.20 | 166.50 | 1.30 | 500 | |
| 166.50 | 167.10 | | s,sr | | - 2 stages of quartz flooding, late one sis grey, pyrite blobs | 1-2 | 16938 | 166.50 | 167.10 | .60 | 750 | |
| 167.10 | 168.60 | | s,srr,c | | - weakly silicified | 2 | 16939 | 167.10 | 168.60 | 1.50 | 230 | |
| 168.80 | 170.10 | | sr | | - as described | 2-3 | 16940 | 168.60 | 170.10 | 1.50 | 150 | |
| 170.10 | 171.60 | | sr | | - as described | 1-2 | 16941 | 170.10 | 171.60 | 1.50 | 50 | |
| 171.60 | 172.60 | | sr | | - as described | 1 | 16942 | 171.60 | 172.60 | 1.00 | 90 | |
| 172.60 | 175.30 | | | | CATACLASTIC ZONE<br>Silicified, chloritic and sericitic. Clast supported. Pyrite related to chlorite-sericite. Siliceous, chloritic and sericitic alteration. | | | | | | | |
| 172.60 | 174.10 | | | | - as described, pyrite veinlets at 0 to c.a. | 1-2 | 16943 | 172.60 | 174.10 | 1.50 | 50 | |
| 174.10 | 175.30 | | | | - as described | 2 | 16944 | 174.10 | 175.30 | 1.20 | 30 | |
| 175.30 | 178.60 | | | | TRANSITION ZONE<br>As before | | | | | | | |
| 175.30 | 177.10 | | s,ch,sr | | - granitic texture | 1 | 16945 | 175.30 | 177.10 | 1.80 | 20 | |
| 177.10 | 178.60 | | s,ch,sr | | - granitic texture | 1-2 | 16946 | 177.10 | 178.60 | 1.50 | 90 | |
| 178.60 | 201.80 | | | | CATACLASTIC ZONE<br>Grey greens, highly sericitic, locally silicified, disseminated pyrite related to sericite-chlorite. Sericite, silica alteration | | | | | | | |

| FROM | TO | ROCK TYPE | ALT | POL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 178.60 | 180.10 | | s,ch,sr | | - quartz-feldspar vein 2 cm wide at 45 to c.a., silicified | 1 | 16947 | 178.60 | 180.10 | 1.50 | 30 | |
| 180.10 | 181.60 | | s,ch,sr | | - as described, quartz-feldspar veinlet at 0 to c.a. | 1 | 16948 | 180.10 | 181.60 | 1.50 | 30 | |
| 181.60 | 183.10 | | | | - silicified, sericite veinlets at 0 to c.a. | 1-2 | 16949 | 181.60 | 183.10 | 1.50 | 140 | |
| 183.10 | 184.60 | | | | - as described | 1 | 16950 | 183.10 | 184.60 | 1.50 | 25 | |
| 184.60 | 186.10 | | | | - silicified | 2 | 16951 | 184.60 | 186.10 | 1.50 | 260 | |
| 186.10 | 187.60 | | | | - as described | 1 | 16952 | 186.10 | 187.60 | 1.50 | 60 | |
| 187.60 | 189.10 | | s | | - pyrite in quartz grains and associated with chlorite-sericite | 1 | 16953 | 187.60 | 189.10 | 1.50 | 60 | |
| 189.10 | 190.60 | | s | | - narrow fault at 189.1 at 30 to c.a., silicified | 2 | 16954 | 189.10 | 190.60 | 1.50 | 5 | |
| 190.60 | 192.10 | | sr,ch | | - as described, smears of hematite | 2 | 16955 | 190.60 | 192.10 | 1.50 | 20 | |
| 192.10 | 193.60 | | sr,ch | | - quartz-pyrite-sericite vein, 2 cm wide, 40 to c.a. | 2 | 16956 | 192.10 | 193.60 | 1.50 | 30 | |
| 193.60 | 195.10 | | s,sr,ch | | - weakly silicified | 2 | 16957 | 193.60 | 195.10 | 1.50 | 20 | |
| 195.10 | 196.60 | | s,sr | | - silicified, fractures at 40-50 to c.a. | 2-3 | 16958 | 195.10 | 196.60 | 1.50 | 30 | |
| 196.60 | 198.00 | | s | | - silicified | 2-3 | 16959 | 196.60 | 198.00 | 1.40 | 50 | |
| 198.00 | 199.00 | | k,sr,ch | | - breccia zone, 4 cm wide with feldspar alteration at 20 to c.a. | 2 | 16960 | 198.00 | 199.00 | 1.00 | 60 | |
| 199.00 | 200.50 | | s | | - silicified, pyrite in quartz fragments | 2 | 16961 | 199.00 | 200.50 | 1.50 | 30 | |
| 200.50 | 201.80 | | | | - fractures at 45 to c.a. | 3 | 16962 | 200.50 | 201.80 | 1.30 | 50 | |
| 201.80 | 205.10 | | | | SHEAR ZONE<br>Fractures at 45 to c.a. cut off by shear foliation at 30 to c.a. steepening to 15 to c.a. down hole. Highly sericitic, late feldspar-calcite healing, local bands of very fine grained pyrite. | | | | | | | |
| 201.80 | 203.00 | | | | - as described, highly sericitic-chloritic | 2 | 16963 | 201.80 | 203.00 | 1.20 | 40 | |
| 203.00 | 204.20 | | | | - foliation less developed, more quartz rich | 2 | 16964 | 203.00 | 204.20 | 1.20 | 40 | |
| 204.20 | 205.10 | | | | - contact at 45 to c.a., highyly brecciated, numerous quartz fragments (possibly sheared margin of vein or silicified selvage) | 1 | 16965 | 204.20 | 205.10 | .90 | 785 | |
| 205.10 | 205.50 | | | | QUARTZ VEIN | | | | | | | |
| 205.10 | 205.50 | | | | - contact at 25 to c.a.,white and grey, very fine grained pyrite | 2-3 | 16966 | 205.10 | 205.50 | .40 | 10000 | 1.057 |
| 205.50 | 209.40 | | | | SHEAR ZONE<br>As before. The vein and the shear zone must have formed contemporaneously with the vein formation continuing to times of lower stress. Evidenced by brecciation of the contact zone and competence of the core of the vein. | | | | | | | |
| 205.50 | 206.40 | | s | | - silicified margin of the vein, shattered | 2 | 16967 | 205.50 | 206.40 | .90 | 80 | |
| 206.40 | 207.90 | | sr,s | | - 20 cm of grey quartz vein, friable, sericitic | 2 | 16968 | 206.40 | 207.90 | 1.50 | 30 | |
| 207.90 | 209.40 | | sr,s | | - locally sericitic and silicified | 1-2 | 16969 | 207.90 | 209.40 | 1.50 | 20 | |
| 209.40 | 214.70 | | | | CATACLASTIC ZONE<br>As before with carbonate alteration and chlorite and sericite | | | | | | | |
| 209.40 | 211.00 | | | | - as described | 1 | 16970 | 209.40 | 211.00 | 1.60 | 20 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211.50 | 211.70 | | sr | | - sericitized, fractures at 40 and 60 to c.a. | <1 | 16971 | 211.00 | 211.70 | .70 | 10 | |
| 211.70 | 212.70 | | | | - local granitic texture | 1-2 | 16972 | 211.70 | 212.70 | 1.00 | 15 | |
| 212.70 | 213.70 | | | | - as described | 1-2 | 16973 | 212.70 | 213.70 | 1.00 | 30 | |
| 213.70 | 214.70 | | | | - as described | 1-2 | 16974 | 213.70 | 214.70 | 1.00 | 10 | |
| 213.70 | 214.70 | | | | - as described | | | | | | | |
| 214.70 | 216.70 | | | | ALBITITE DYKE<br>Contact at 30 to c.a. Sericite veinlets at 45 to c.a. | | | | | | | |
| 214.70 | 215.70 | | | | - as described | <1-1 | 16975 | 214.70 | 215.70 | 1.00 | 10 | |
| 215.70 | 216.70 | | | | - as described | <1-1 | 16976 | 215.70 | 216.70 | 1.00 | nd | |
| 216.70 | 219.50 | | | | SHEAR ZONE<br>As before | | | | | | | |
| 216.70 | 218.20 | | s,sr | | - foliation at 30 to c.a., poorly developed, bleached, early silicification | <1 | 16977 | 216.70 | 218.20 | 1.50 | 20 | |
| 218.20 | 219.50 | | s.sr | | - foliation at 50 to c.a., quartz with grey veinlets | 1-2 | 16978 | 218.20 | 219.50 | 1.30 | 20 | |
| 219.50 | 223.90 | | | | CATACLASTIC ZONE<br>As before execpt quartz fragments are now matrix supported | | | | | | | |
| 219.50 | 221.00 | | | | - as described, 0.5 m of core missing | 1 | 16979 | 219.50 | 221.00 | 1.50 | 10 | |
| 221.10 | 222.50 | | sr | | - sericitic, coarse and fine grained pyrite | 1-2 | 16980 | 221.60 | 222.50 | .90 | 10 | |
| 222.50 | 223.90 | | s,sr,ks | | - silicified, local feldspar alteration | 2-3 | 16981 | 222.50 | 223.90 | 1.40 | 20 | |
| 223.90 | 225.60 | | | | ALBITITE DYKE<br>Contatct at 70 to c.a. Siliceous with euhedral mafics. Calcite filled gashes. | | | | | | | |
| 223.90 | 225.60 | | | | - as described | 1 | 16982 | 223.90 | 225.60 | 1.70 | 10 | |
| 225.60 | 240.40 | | | | CATACLASTIC ZONE<br>As before | | | | | | | |
| 225.60 | 227.10 | | s,sr | | - locally silicified, local granitic texture, pyrite fracture related | 1 | 16983 | 225.60 | 227.10 | 1.50 | nd | |
| 227.10 | 228.60 | | sr,c | | - sericitic, fractures at 25 to c.a., carbonate veinlets | 1-2 | 16984 | 227.10 | 228.60 | 1.50 | 20 | |
| 228.60 | 230.10 | | s | | - silicified | 1-2 | 16985 | 228.60 | 230.10 | 1.50 | nd | |
| 230.10 | 231.40 | | s | | - fractured related pyrite, weakly silicified | 1 | 16986 | 230.10 | 231.40 | 1.30 | 20 | |
| 231.40 | 232.90 | | ks | | - breccia zone 4 cm wide with 25 cm feldspar alteration in hanging wall | 1 | 16987 | 231.40 | 232.90 | 1.50 | 20 | |
| 232.90 | 233.50 | | s | | - as described, disseminated pyrite, moderately silicified | 1 | 16988 | 232.90 | 233.50 | .60 | 25 | |
| 233.50 | 235.00 | | | | - more granitic texture | <1 | 16989 | 233.50 | 235.00 | 1.50 | 5 | |
| 235.00 | 236.50 | | s | | - locally silicified, disseminated pyrite, fractures at 30 to c.a. | 1-2 | 16990 | 235.00 | 236.50 | 1.50 | 20 | |
| 236.50 | 238.00 | | c,ch | | - chlorite followed by carbonate veining | 1 | 16991 | 236.50 | 238.00 | 1.50 | 20 | |

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 238.00 | 239.00 | | | | - as decsribed | 1-2 | 16992 | 238.00 | 239.00 | 1.00 | 20 | |
| 239.00 | 240.40 | | s,c | | - as decsribed | 2 | 16993 | 239.00 | 240.40 | 1.40 | 20 | |
| 240.40 | 241.50 | | | | QUARTZ VEIN<br>Contact marked by 35 cm of fault gouge with foliation at 60 to c.a.<br>Veining is intermittent and locally brecciated. Quartz is locally grey | | | | | | | |
| 240.40 | 241.50 | | | | - as described | 6 | 16994 | 240.40 | 241.50 | 1.10 | 540 | |
| 241.50 | 244.20 | | | | CATACLASTIC ZONE<br>As before | | | | | | | |
| 241.50 | 243.00 | | s | | - silicified, granitic textured (possibly preserved by silicification during veining, therefore veining predates the faulting-supported by brecciation) | 3 | 16995 | 241.50 | 243.00 | 1.50 | 190 | |
| 243.00 | 244.20 | | s,ch | | - silicified, minor chlorite veinlets, pyritic at contact | 1-3 | 16996 | 243.00 | 244.20 | 1.20 | 140 | |
| 244.20 | 245.30 | | | | TRANSITION ZONE | | | | | | | |
| 244.20 | 245.30 | | | | - as described | 1 | 16997 | 244.20 | 245.30 | 1.10 | 30 | |
| 245.30 | 246.30 | | | | ALBITITE DYKE<br>Contact at 60 to c.a. Chlorite-pyrite veinlets. | | | | | | | |
| 245.30 | 246.20 | | | | - as described | 1 | 16998 | 245.30 | 246.20 | .90 | 100 | |
| 246.20 | 251.50 | | | | TRANSITION ZONE<br>Granitic texture. Cut by chlorite, chlorite-serpentine and pyrite veinlets. Minor disseminated pyrite. Chlorite and silica alteration. | | | | | | | |
| 246.20 | 247.70 | | | | - quartz flooding, locally grey | 1 | 16999 | 246.20 | 247.70 | 1.50 | 20 | |
| 247.70 | 249.20 | | | | - chlorite-serpentine veinlets | 1 | 17000 | 247.70 | 249.20 | 1.50 | 60 | |
| 249.20 | 251.10 | | | | - pyrite veinlets | 1-3 | 17001 | 249.20 | 251.10 | 1.90 | | |
| 251.10 | | | | | EOH | | | | | | | |

# OREQUEST CONSULTANTS LTD. DIAMOND DRILL HOLE RECORD Client PEZ GOLD RES. 

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole No. | PGU 89-5 | Northing | 1+75 N | Core Size | BQ | Depth | Dip | Azimuth | Depth | Dip | Azimuth | Started | JAN. 24,1989 |
| Property | URSUS CREEK | Easting | 1+20 E | Casing | Pulled | 91.4 | - 60 | | | | | Completed | JAN. 25,1989 |
| Location | | Elevation | 270 | Length | 91.4 | | | | | | | Drill Co. | ROGERS DRILLING |
| NTS | 92 F 5 | Latitude | | Dip-Collar | -60 | | | | | | | Logged By | K.H. |
| Claim No | UREKA 10 | Longitude | 125 35 W | Bearing | 200 | | | | | | | Units | METERS |

Target
Comments JUNCTION ZONE

| FROM | TO | ROCK TYPE | ALT | FOL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24.10 | | | | OVERBURDEN/CASING<br>Rubbled core. Numerous rock type changes. | | | | | | | |
| 24.10 | 33.90 | | | | QUARTZ DIORITE<br>Homogeneous, coarse grained. Numerous chloritic veinlets, pervasive sericitization (waxy green) and local limonite alteration. | | | | | | | |
| 24.10 | 25.60 | | sr,ch | | - as described | <1 | 16851 | 24.10 | 25.60 | 1.50 | 30 | |
| 25.50 | 27.60 | | sr,ch | | - 0.7 m of core missing, limonitic | 1 | 16852 | 25.60 | 27.60 | 2.00 | nd | |
| 27.60 | 28.30 | | sr,s,ch | | - highly limonitic, sericitized and silicified | 1-2 | 16853 | 27.60 | 28.30 | .70 | 15 | |
| 28.30 | 29.80 | | k,sr,ch | | - weak potassic and sericitic alteration, limonitic | <1 | 16854 | 28.30 | 29.80 | 1.50 | 15 | |
| 29.80 | 31.30 | | sr,ch | | - as described | <1 | 16855 | 29.80 | 31.30 | 1.50 | 15 | |
| 31.30 | 33.20 | | sr,ch | | - 1.0 m of core missing, limonitic, highly rubbled | <1 | 16856 | 31.30 | 33.20 | 1.90 | nd | |
| 33.20 | 33.90 | | sr,ch | | - sericitic, pyrite associated with chlorite veinlets | 1-2 | 16857 | 33.10 | 33.90 | .80 | 10 | |
| 33.90 | 51.80 | | | | CATACLASTIC ZONE<br>Weak granitic texture. Flooded by chlorite-sericite locally.<br>Generally fragment supported. | | | | | | | |
| 33.90 | 35.40 | | | | - as described | 1 | 16858 | 33.90 | 35.40 | 1.50 | 120 | |
| 35.40 | 36.90 | | | | - as described, fractures at 0 to c.a. | 1 | 16859 | 35.30 | 36.90 | 1.60 | nd | |
| 36.90 | 38.40 | | | | - as described, hematite along fractures | 1 | 16860 | 36.90 | 38.40 | 1.50 | 20 | |
| 38.40 | 39.90 | | | | - as described, fractures at 40 to c.a. | 1 | 16861 | 38.40 | 39.90 | 1.50 | 35 | |
| 39.90 | 41.40 | | | | - as described, fractures at 55 to c.a. | 1 | 16862 | 39.90 | 41.40 | 1.50 | nd | |
| 41.40 | 42.90 | | | | - as described | 1 | 16863 | 41.40 | 42.90 | 1.50 | 5 | |
| 42.90 | 44.40 | | | | - as described | 1 | 16864 | 42.90 | 44.40 | 1.50 | nd | |
| 44.40 | 45.00 | | | | - fracture related sericite-pyrite, granitic texture | | | | | | | |
| 44.40 | 45.00 | | | | - fracture related sericite-pyrite, granitic texture | 1 | 16865 | 44.40 | 45.90 | 1.50 | 80 | |
| 44.40 | 45.00 | | | | - fracture related sericite-pyrite, granitic texture | 1 | 16865 | 44.40 | 45.90 | 1.50 | 80 | |
| 45.90 | 47.20 | | | | - as desceribed | 1 | 16866 | 45.90 | 47.20 | 1.30 | nd | |
| 47.20 | 48.20 | | | 10 | - sheared at 10 to c.a., highly sericitic | 1 | 16867 | 47.20 | 48.20 | 1.00 | 10 | |
| 48.20 | 49.70 | | | | - as described | 1 | 16868 | 48.20 | 49.70 | 1.50 | nd | |
| 49.70 | 51.20 | | | | - as described | 1 | 16869 | 49.70 | 51.20 | 1.50 | 5 | |
| 51.20 | 51.80 | | | | - as described | 1 | 16870 | 51.20 | 51.80 | .60 | 10 | |

| FROM | TO | ROCK TYPE | ALT | POL C/A | DESCRIPTION | % SULPHIDE | SAMPLE No. | FROM | TO | LENGTH | Au ppb | Au opst |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51.80 | 63.70 | | | | QUARTZ DIORITE<br>Feldspars are sauceritized, mafics are chloritized. Minor chlorite-sericite veinlets. Chlorite alteration. | | | | | | | |
| 51.80 | 53.30 | | | | - as described | <1 | 16871 | 51.80 | 53.30 | 1.50 | nd | |
| 53.30 | 54.80 | | | | - as described | <1 | 16872 | 53.30 | 54.80 | 1.50 | 5 | |
| 54.80 | 56.30 | | | | - as described | <1 | 16873 | 54.80 | 56.30 | 1.50 | 35 | |
| 56.30 | 57.80 | | | | - more chloritic | <1 | 16874 | 56.30 | 57.80 | 1.50 | 40 | |
| 57.80 | 59.30 | | | | - as desribed | <1 | 16875 | 57.80 | 59.30 | 1.50 | 40 | |
| 59.30 | 60.80 | | | | - fractures at 50 to c.a. | <1 | 16876 | 59.30 | 60.80 | 1.50 | 40 | |
| 60.80 | 62.30 | | | | - as described | | | | | | | |
| 62.30 | 63.70 | | | | - as described | <1 | 16877 | 60.80 | 63.20 | 2.40 | 20 | |
| | | | | | | <1 | 16878 | 62.30 | 63.70 | 1.40 | 30 | |
| 63.70 | 66.10 | | | | CATACLASTC ZONE<br>Gradational contacts. Local granitic texture. Chlorite and sericite alteration. | | | | | | | |
| 63.70 | 65.00 | | | | - as described | <1 | 16879 | 63.70 | 65.00 | 1.30 | 35 | |
| 65.00 | 66.10 | | | | - as described | <1 | 16880 | 65.00 | 66.10 | 1.10 | 20 | |
| 66.10 | 91.40 | | | | TRANSITION ZONE<br>Numerous chlorite-sericite veinlets, minor quartz-feldspar veinlets, pyrite disseminated and associated with chlorite. No pervasive fracture orientations. Chlorite and sericite alteration. | | | | | | | |
| 66.10 | 67.60 | | | | - as described | <1 | 16881 | 66.10 | 67.60 | 1.50 | 80 | |
| 67.60 | 69.10 | | | | - as described | <1 | 16882 | 67.60 | 69.10 | 1.50 | nd | |
| 69.10 | 70.60 | | | | - quartz-feldspar veinlet at 70 to c.a., silicified selvage | <1 | 16883 | 69.10 | 70.60 | 1.50 | 10 | |
| 70.60 | 72.10 | | | | - weakly silicified | <1 | 16884 | 70.60 | 72.10 | 1.50 | nd | |
| 72.10 | 73.60 | | | | - as described, potassic alteration | <1 | 16885 | 72.10 | 73.60 | 1.50 | 10 | |
| 73.60 | 75.10 | | | | - weakly silicified, coarse pyrite cubes | <1 | 16886 | 73.60 | 75.10 | 1.50 | 20 | |
| 75.10 | 76.60 | | | | - as described | <1 | 16887 | 75.10 | 76.60 | 1.50 | 25 | |
| 76.60 | 78.10 | | | | - fracture related pyrite | <1 | 16888 | 76.60 | 78.10 | 1.50 | 25 | |
| 78.10 | 79.60 | | | | - coarse pyrite | <1 | 16889 | 78.10 | 79.60 | 1.50 | 10 | |
| 79.60 | 81.10 | | | | - weakly silicified, disseminated pyrite with silica and mafics | <1 | 16890 | 79.60 | 81.10 | 1.50 | 5 | |
| 81.10 | 82.60 | | | | - weakly silicified | <1 | 16891 | 81.10 | 82.60 | 1.50 | 10 | |
| 82.60 | 84.10 | | | | - as described | <1 | 16892 | 82.60 | 84.10 | 1.50 | 20 | |
| 84.10 | 85.60 | | | | - as described | <1 | 16893 | 84.10 | 85.60 | 1.50 | 10 | |
| 85.60 | 87.10 | | | | - minor sericitic fractures, pyrite is not fracture related | <1 | 16894 | 85.60 | 87.10 | 1.50 | nd | |
| 87.10 | 88.60 | | | | - as described with waxy green sericite | <1 | 16895 | 87.10 | 88.60 | 1.50 | 30 | |
| 88.60 | 90.10 | | | | - weak potassic and sericitic alteration | <1 | 16896 | 88.60 | 90.10 | 1.50 | nd | |
| 90.10 | 91.40 | | | | - as described | <1 | 16897 | 90.10 | 91.40 | 1.30 | 5 | |
| 91.40 | | | | | EOH | | | | | | | |

# APPENDIX F

## STATEMENT OF COSTS

# OREQUEST

INVOICE 993

January 31, 1989.

Prime Explorations Ltd.
Box 10, 808 West Hastings St.
Vancouver, B.C. V6C 2X6

Attention: J. Foster

INVOICE

Re: Pezgold Resource Corporation
Ursus Creek, Vancouver Island Property

For the 1988-9 exploration programme on the above property during the period November 16, 1988 to January 31, 1989 including Prospecting, Geological mapping, Drilling and Geochem sampling. All costs are Canadian exploration expenditures.

| | |
|---|---|
| Exploration Invoice | $218,000.00 |
| less: Cash call #1 | (115,000.00) |
| BALANCE DUE | $103,000.00 |

Please now remit $103,000.00 to Orequest Consultants Ltd.

Yours truly,
OREQUEST CONSULTANTS LTD.

Robert Lewis
Controller

TERMS: Due upon receipt. Interest charged at 1.5% per month (18% per annum) on accounts over 30 days.

FILENAME: PEZUR.INV
MARCH/89

PEZGOLD RESOURCE CORPORATION - URSUS CREEK
COST/INVOICE ANALYSIS

| | # OR INV # | RATE | INVOICE |
|---|---|---|---|
| **Mobilization/Demob.** | | | |
| Dec MC DAYS HUDSON | 1.00 | 400.00 | 400.00 |
| Jan TL DAYS PICKSTON | 1.00 | 350.00 | 350.00 |
| Dec TL DAYS PICKSTON | 1.00 | 350.00 | 350.00 |
| Dec TL DAYS PRENEVOST | 1.00 | 350.00 | 350.00 |
| Dec MO DAYS PRENEVOST | 2.00 | 350.00 | 700.00 |
| PIONEER TRAVELCENTRE | 21545 | | 543.00 |
| | | | 2,693.00 |
| **Field Costs** | | | |
| Jan PR DAYS E.DEBOCK | 4.00 | 450.00 | 1,800.00 |
| Dec PR DAYS E.DEBOCK | 13.00 | 450.00 | 5,850.00 |
| Dec GL DAYS HUDSON | 16.00 | 400.00 | 6,400.00 |
| Jan GL DAYS HUDSON | 17.00 | 400.00 | 6,800.00 |
| Jan 16-31 GL DAYS HUDSON | 16.00 | 400.00 | 6,400.00 |
| Nov GP DAYS McCROSSAN | 1.00 | 350.00 | 350.00 |
| Dec GL DAYS PICKSTON | 1.00 | 350.00 | 350.00 |
| Jan GC DAYS PICKSTON | 2.00 | 350.00 | 700.00 |
| Jan GL DAYS PRENEVOST | 16.50 | 350.00 | 5,775.00 |
| Jan 16-31 GL DAYS PRENEVOST | 15.00 | 350.00 | 5,250.00 |
| Dec GL DAYS PRENEVOST | 12.00 | 350.00 | 4,200.00 |
| Jan 16-31 GL 1/2 DAYS HUDSON | 14.00 | 200.00 | 2,800.00 |
| Dec AD HRS LEBEL | 23.00 | 65.00 | 1,495.00 |
| Nov AD HRS LEBEL | 3.00 | 65.00 | 195.00 |
| Jan 16-31 AD HRS LEBEL | 27.00 | 65.00 | 1,755.00 |
| Jan AD HRS LEBEL | 8.00 | 65.00 | 520.00 |
| | | | 50,640.00 |
| **Support Costs** | | | |
| BILLIE GOWANS - PETTY CA | 30689 | | 13.25 |
| DAVE PICKSTON | 115898 | | 183.00 |
| DAVE PICKSTON | 121986 | | 431.58 |
| ELMER DEBOCK | 122188 | | 416.55 |
| ENROUTE CARD | 10889 | | 451.70 |
| GRANT PRENEVOST | 20289 | | 32.00 |
| GRANT PRENEVOST | 198826 | | 75.59 |
| J.L. LEBEL | 120588 | | 282.01 |
| KIM HUDSON | 13089 | | 3,193.79 |
| KIM HUDSON | 122088 | | 2,246.60 |
| NEVILLE CROSBY INC | 69362 | | 16.43 |
| NEVILLE CROSBY INC. | 68794 | | 438.15 |
| NORMAN WADE COMPANY | 229880 | | 6.53 |
| POTHIER ENTERPRISES | 2553 | | 79.50 |
| WEIGH WEST MARINE RESORT | 12989 | | 3,260.44 |
| WEIGH WEST MARINE RESORT | 121888 | | 2,664.13 |
| | | | 13,791.25 |

FILENAME: PEZURINV
MARCH/89

PEZGOLD RESOURCE CORPORATION - URSUS CREEK
COST/INVOICE ANALYSIS

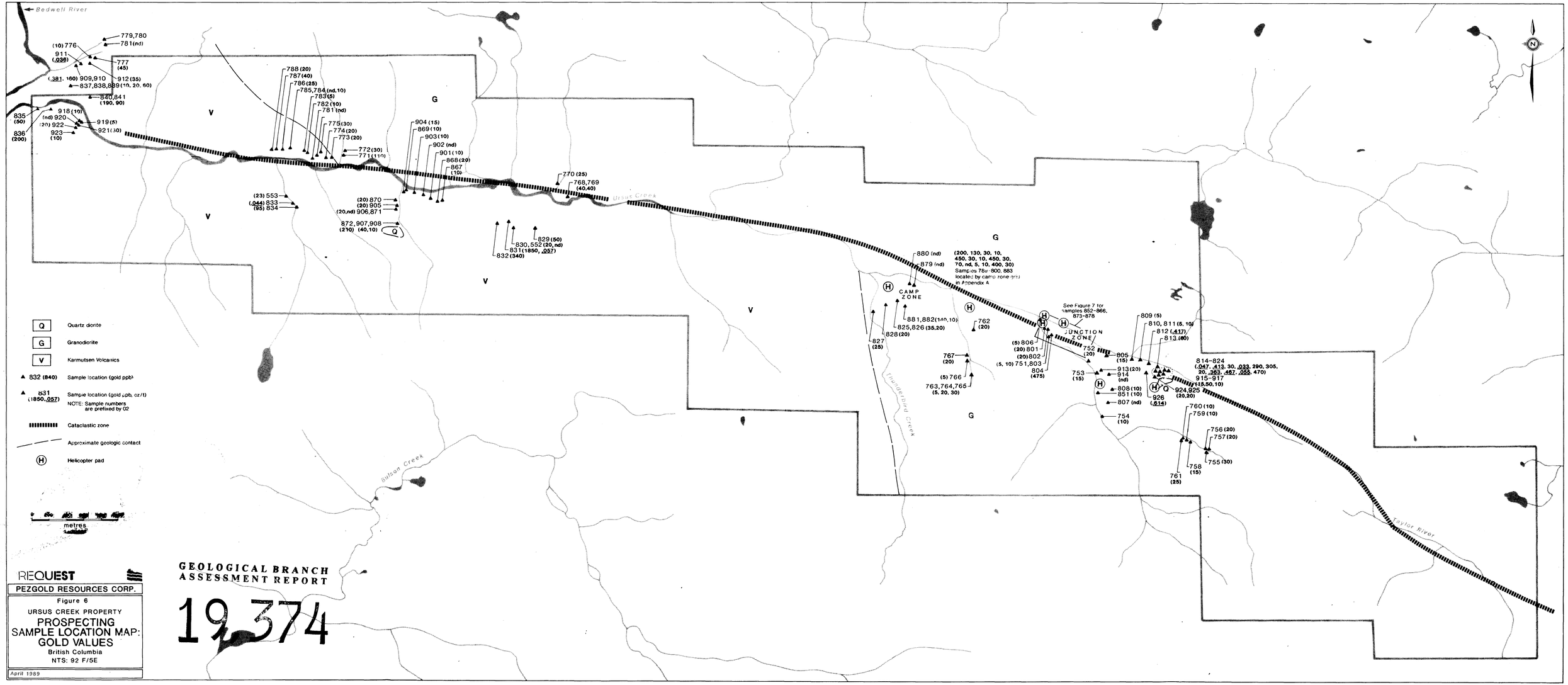
| | # OR INV # | RATE | INVOICE |
|---|---|---|---|
| **Transportation & Communication** | | | |
| B.C. TELEPHONE COMPANY | 11589A | | 116.01 |
| B.C. TELEPHONE COMPANY | 8-6788 | | 79.63 |
| B.C. TELEPHONE COMPANY | 8-9727 | | 2.04 |
| B.C. TELEPHONE COMPANY | 51588 | | 11.23 |
| B.C. TELEPHONE COMPANY | 21389 | | 54.06 |
| B.C. TELEPHONE COMPANY | 21389 | | 8.77 |
| CANADIAN AIRLINE INT. | 27761 | | 28.00 |
| GAZELLE COURIER SERVICE | 109844 | | 14.60 |
| HAGENSBORG SEA FARMS INC | 1234 | | 1,514.00 |
| HAGENSBORG SEA FARMS INC | 1238 | | 1,514.00 |
| HAGENSBORG SEA FARMS INC | 1244 | | 1,471.00 |
| HELICOM AVIONICS | 221868 | | 318.00 |
| HELICOM AVIONICS | 221869 | | (159.00) |
| HELICOM AVIONICS | 120188 | | 222.60 |
| HELICOM AVIONICS | 221864 | | 315.00 |
| LOOMIS COURIER SERVICE | 816015 | | 20.92 |
| LOOMIS COURIER SERVICE | 0 001A | | 0.85 |
| LOOMIS COURIER SERVICE | 0995 3 | | (8.77) |
| LOOMIS COURIER SERVICE | 0995 3 | | 8.77 |
| LOOMIS COURIER SERVICE | 249878 | | 6.99 |
| LOOMIS COURIER SERVICE | 80 001 | | 12.72 |
| PUROLATOR COURIER | 12789 | | 7.99 |
| RIVERSIDE HELICOPTERS LTD | 122088 | | 5,015.90 |
| RIVERSIDE HELICOPTERS LTD | 25 | | 15,642.50 |
| RIVERSIDE HELICOPTERS LTD | 29 | | 13,129.20 |
| RIVERSIDE HELICOPTERS LTD | 31 | | 10,979.95 |
| RIVERSIDE HELICOPTERS LTD | 50 | | 10,502.00 |
| RUSH COURIERS | 20389 | | 2.00 |
| | | | 60,835.96 |
| **Equipment Rentals** | | | |
| CAMECO | 10072 | | 75.00 |
| CANA RENTALS LTD. | /30138 | | 663.60 |
| | | | 738.60 |
| **Contract Services** | | | |
| HARRIS EXPLORATION SERV. | 89-7 | | 264.00 |
| ROGER'S DRILLING SERVICE | 11089 | | 30,000.00 |
| ROGER'S DRILLING SERVICE | 89001 | | 40,317.44 |
| ROGER'S DRILLING SERVICE | 89003 | | 36,811.37 |
| ROGER'S DRILLING SERVICE | 89003 | | (40,000.00) |
| ROGER'S DRILLING SERVICE | 122088 | | 10,000.00 |
| | | | 77,392.81 |

Analysis

FILENAME: PEZURINV
MARCH/89

PEZGOLD RESOURCE CORPORATION - URSUS CREEK
COST/INVOICE ANALYSIS

| | # OR INV # | RATE | INVOICE |
|---|---|---|---|
| VANGEOCHEM LABS LTD. | 0059NA | | |
| VANGEOCHEM LABS LTD. | 0049NA | | 799.00 |
| VANGEOCHEM LABS LTD | 1872NA | | 821.00 |
| VANGEOCHEM LABS LTD. | 0034NA | | 1,478.00 |
| VANGEOCHEM LABS LTD | 1895NA | | 569.00 |
| VANGEOCHEM LABS LTD. | 0042NA | | 1,784.00 |
| VANGEOCHEM LABS LTD | 038 NA | | 298.39 |
| VANGEOCHEM LABS LTD. | 0035NA | | 985.00 |
| VANGEOCHEM LABS LTD. | 0045NA | | 1,725.00 |
| VANGEOCHEM LABS LTD | 1886NA | | 1,233.00 |
| | | | 9,692.39 |
| **Report Costs (Prelim. & Final)** | | | |
| DOMINION BLUEPRINT & REP | 120786 | | 29.56 |
| DOMINION BLUEPRINT & REPRO | 42200 | | 43.91 |
| Jan DF HRS MOORE | 7.25 | 36.00 | 261.00 |
| REPORT REPRO & BINDING | | | 2,000.00 |
| VANCAL REPRODUCTIONS | 11989 | | 53.64 |
| WESTERN REPRODUCERS LTD. | 12799 | | 14.78 |
| X Y 3 GRAPHICS | 88-774 | | 280.00 |
| | | | 2,680.11 |
| **Other Costs** | | | |
| B.C. FOREST SERVICE | 4/89 | | 1,400.00 |
| | | | 1,400.00 |
| TOTAL COST | | | 219,564.12 |




REQUEST

PEZGOLD RESOURCES CORP.

Figure 6

URSUS CREEK PROPERTY

PROSPECTING SAMPLE LOCATION MAP: GOLD VALUES

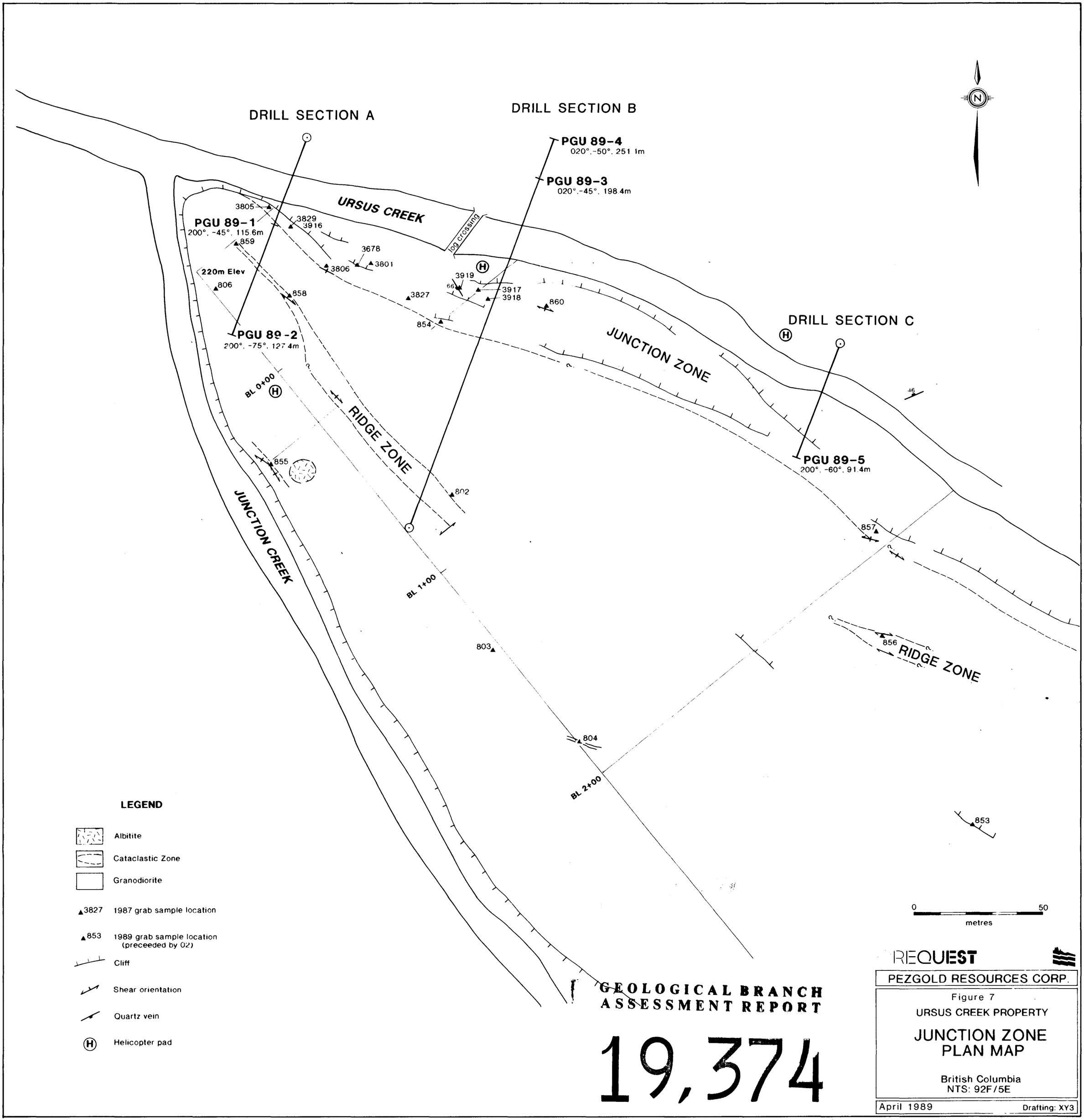
British Columbia

NTS: 92 F/5E

April 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,374






REQUEST

PEZGOLD RESOURCES CORP.

Figure 7

URSUS CREEK PROPERTY

# JUNCTION ZONE PLAN MAP

British Columbia
NTS: 92F/5E

April 1989 Drafting: XY3