GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL

ASSESSMENT REPORT

ON THE

UREKA 1-13 AND OPUS 1-2 CLAIMS

ALBERNI MINING DIVISION
URSUS CREEK AREA, 92F/5E
49° ~~23'~~ 22'24" 125° ~~37'~~ 36'36"

Owner: D.B. Forster for

Operator: **PACIFIC SENTINEL GOLD CORP.**
1020-800 W. PENDER STREET
VANCOUVER, B.C.
V6C 2V6

(PROJECT BC - 04)

BY

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August 24, 1987
Vancouver, B.C.

Fieldwork completed between December 3 and December 14, 1986 and February 2 and February 13, 1987.

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SUMMARY

1. The Ureka 1-13 and Opus 1 and 2 mineral claims are located along Ursus Creek approximately 35 km northwest of the Tofino-Ucluelet Airport. NTS - 92F/5E, coordinates 49° 23', 125° 37'.

2. The claims are owned by D.B. Forster in trust for Pacific Sentinel Gold Corp. and were recorded on December 1, 1986. They total 200 modified grid units.

3. The area contains numerous gold showings which were first prospected in 1939 by B.H. Symns, J.W. Harvey, H.F. Martin, G.A. Williams and D.V. Evans around the junction of Ursus and Thunderbird Creeks.

4. The claims are underlain by mainly altered fine grained Karmutsen Formation volcanic rocks and coarse crystalline granodiorite to quartz diorite intrusives.

5. The entire area is cut by a major 112° trending regional fault structure. The main mineralized showings appear to be controlled by large scale faults or splays of the major shears.

6. Mineralization of interest is chalcopyrite-pyrite in quartz veinlets associated with relatively wide altered (sericite-chlorite) zones containing finely disseminated

pyrite. Traces of sphalerite and galena have been observed.

7. Trench 1 (camp showing) has exposed an altered zone 12 meters long and 11 meters wide. Unfortunately, assay values for large channel samples are relatively low with an average of approximately 0.03 oz/ton Au.

8. The Midpad Showing adjacent to the main Ursus Creek has assay values up to 0.2 oz/ton Au.

9. The Junction showing is of a different geological type. It is a cataclastic zone which lies along Ursus Creek which itself reflects a major regional fault structure. Complexity of history is indicated by the quartz veins which have been brecciated and incorporated into the mylonite, by the foliation and siliceous nature of the mylonite, by the fracture set which may be superimposed on the mylonite, and by the disseminated pyrite mineralization and associated gold values. Selected samples from this zone assayed up to 0.778 oz. gold per ton.

10. A program of stream geochemistry in the side drainages of Ursus Creek has also yielded a number of anomalies on which very little follow-up work has been done. Although outcrops

are abundant along many of the streams there are extensive areas of no exposure.

11. Some grid geochemical and geophysical work has been done in the vicinity of Thunderbird Creek, a small tributary from the south. This included soil geochemistry, a magnetometer survey, and some VLF-EM work. The geochemistry shows irregular areas of anomalous values in the vicinity of the Camp showing. This is included within a large area of erratic anomalous values that extends along the south side of Ursus Creek and encompasses several of the quartz veins.

12. Further work has been recommended to include follow-up on the stream geochemical anomalies and some mapping and sampling on the geochemically anomalous Junction showing.

INTRODUCTION

The Ureka and Opus claims, owned by D.B. Forster, were staked in November 1986 to cover gold showings occurring mainly in altered granodiorite. An initial geological appraisal was completed between December 3 and December 14, 1986 by D.B. Forster, J. Shearer, D. Brown and S. Butler. Concurrently, a detail grid was established around Thunderbird Creek on Ureka 5, 6 and 8 claims by Chase & Associates Ltd. Ground magnetometer VLF-Electromagnetic, geological mapping and soil geochemical surveys were conducted over the detail grid. Reconnaissance prospecting on the Opus 1 & 2 and Ureka 1-10 claims was done using a helicopter based in Ucluelet. The grid work was carried out from a tent camp near Thunderbird Creek. Subsequently a follow-up program of trenching, fill-in soil sampling, geological mapping and VLF-Electromagnetic surveying was completed between February 2 and February 13, 1987.

This report presents and discusses the data collected in a format acceptable for Department of Mines assessment requirements.

Claims were originally recorded in the Thunderbird Creek Area of the Ursus Creek Valley in May 1939. Several owners have in the past carried out a small amount of prospecting and trenching which outlined numerous showings containing low but consistent gold values. Considerable underground exploration was completed

on the nearby Muskateer, Buccaneer, Avon and Trophy groups. A small production of gold was realized in the 1940's from the narrow quartz-veins at the Muskateer and Others.

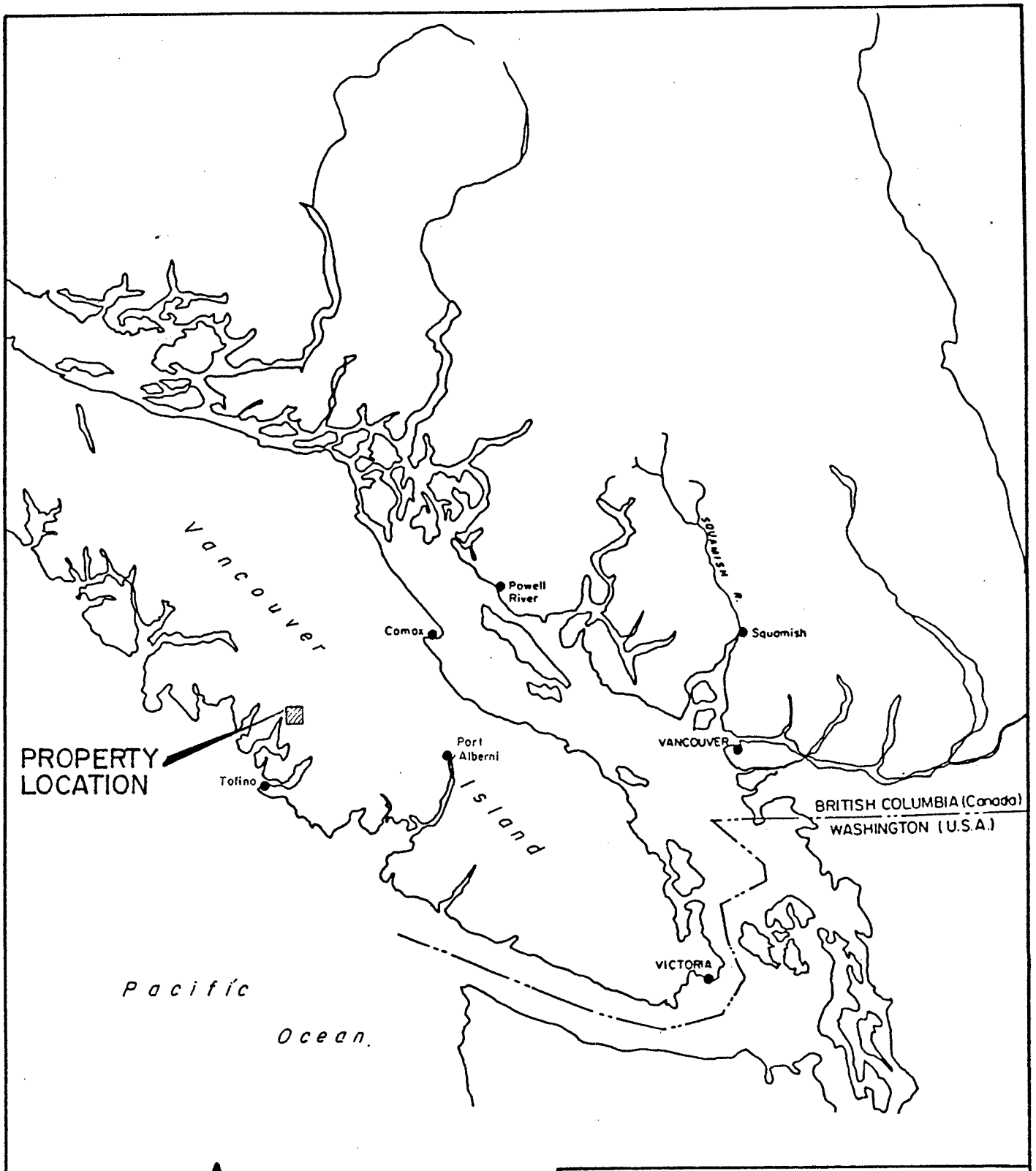
LOCATION AND ACCESS

The claims are located along Ursus Creek which flows westward into Bedwell River 3 km above the head of Bedwell Sound. Access to the claims was via helicopter from Ucluelet-Tofino Airport distance of 35 km. (Figure 1 and 2).

A more direct access can be used only on good weather days from a helicopter mobilization location on the Taylor River southwest of Port Alberni. The Thunderbird Creek Campsite is approximately 10 km west of the Taylor River road. This would be the best means of mobilizing a diamond drill.

Logging has taken place on the western edge of the claim group in the late 1960's although there are no roads present on the property. Access within the claims is by foot or helicopter. An old mining-logging road, now in disrepair, occurs along the Bedwell River, just west of the Ureka Claim Group. This road starts on the northwest side of the head of Bedwell Sound.

The claims are within Tree Farm Licence 20, Block 3 and are 1500m south of the southern boundary of Strathcona Provincial Park.



BARON VENTURES LTD.

URSUS CREEK PROJECT

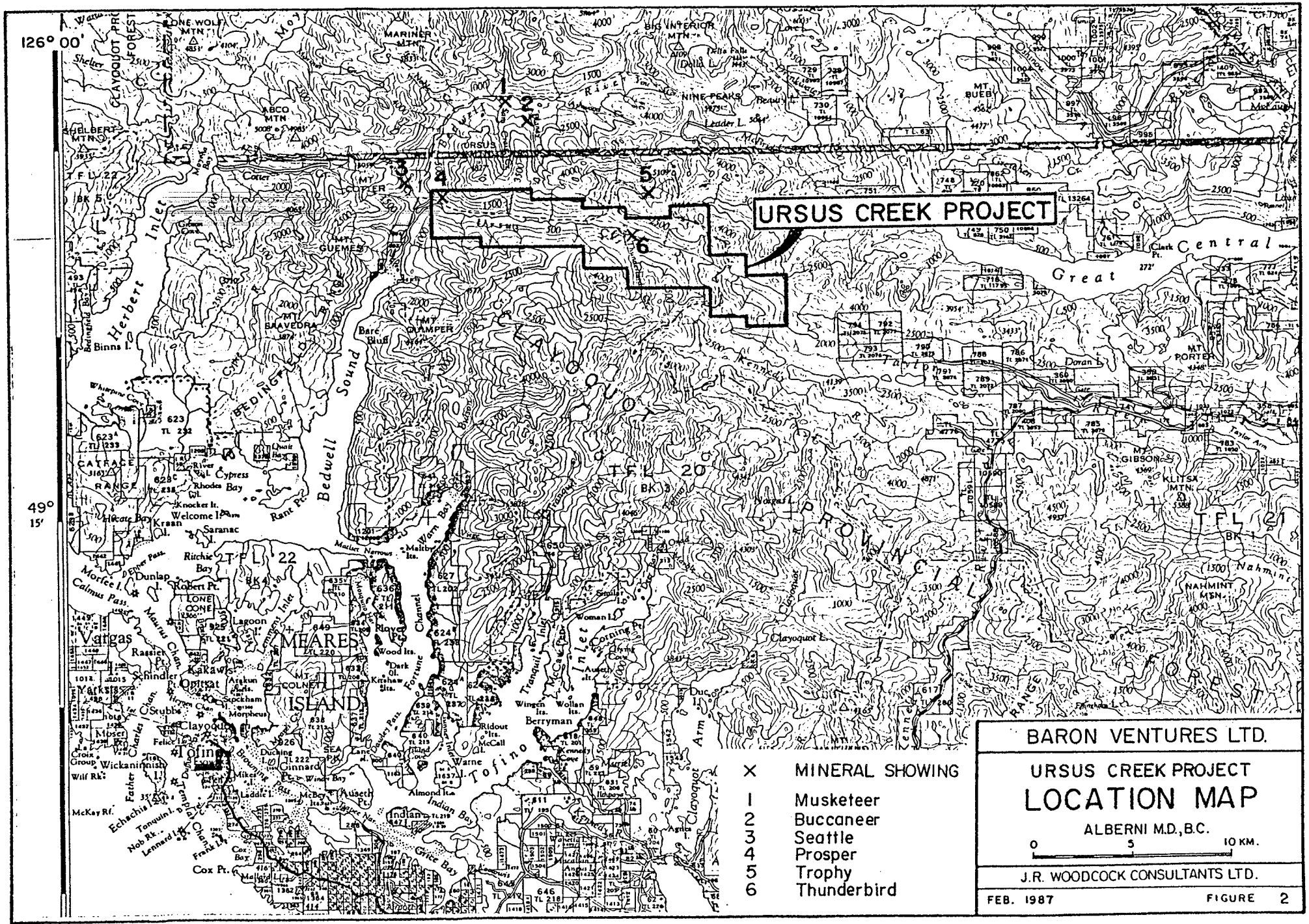
INDEX MAP

ALBERNI M.D., B.C.

J. R. WOODCOCK CONSULTANTS LTD.

FEBUARY 1987 FIGURE Nº 1

CHONG


126° 00'
49° 15'
URSUS CREEK PROJECT
1
2
3
4
5
6
MINERAL SHOWING
1 Musketeer
2 Buccaneer
3 Seattle
4 Prosper
5 Trophy
6 Thunderbird
BARON VENTURES LTD.
URSUS CREEK PROJECT
LOCATION MAP
ALBERNI M.D., B.C.
0 5 10 KM.
J.R. WOODCOCK CONSULTANTS LTD.
FEB. 1987
FIGURE 2

CHONG

Recent proposed legislation may change the location of the south boundary of the Park in the near future. Extensive on-ground timber cruising was done in 1986 around Thunderbird Creek. It is strongly recommended that the Forest Company owning Tree Farm 20 be approached, concerning future harvesting plans. Logging road construction would be a great aid in future mining exploration.

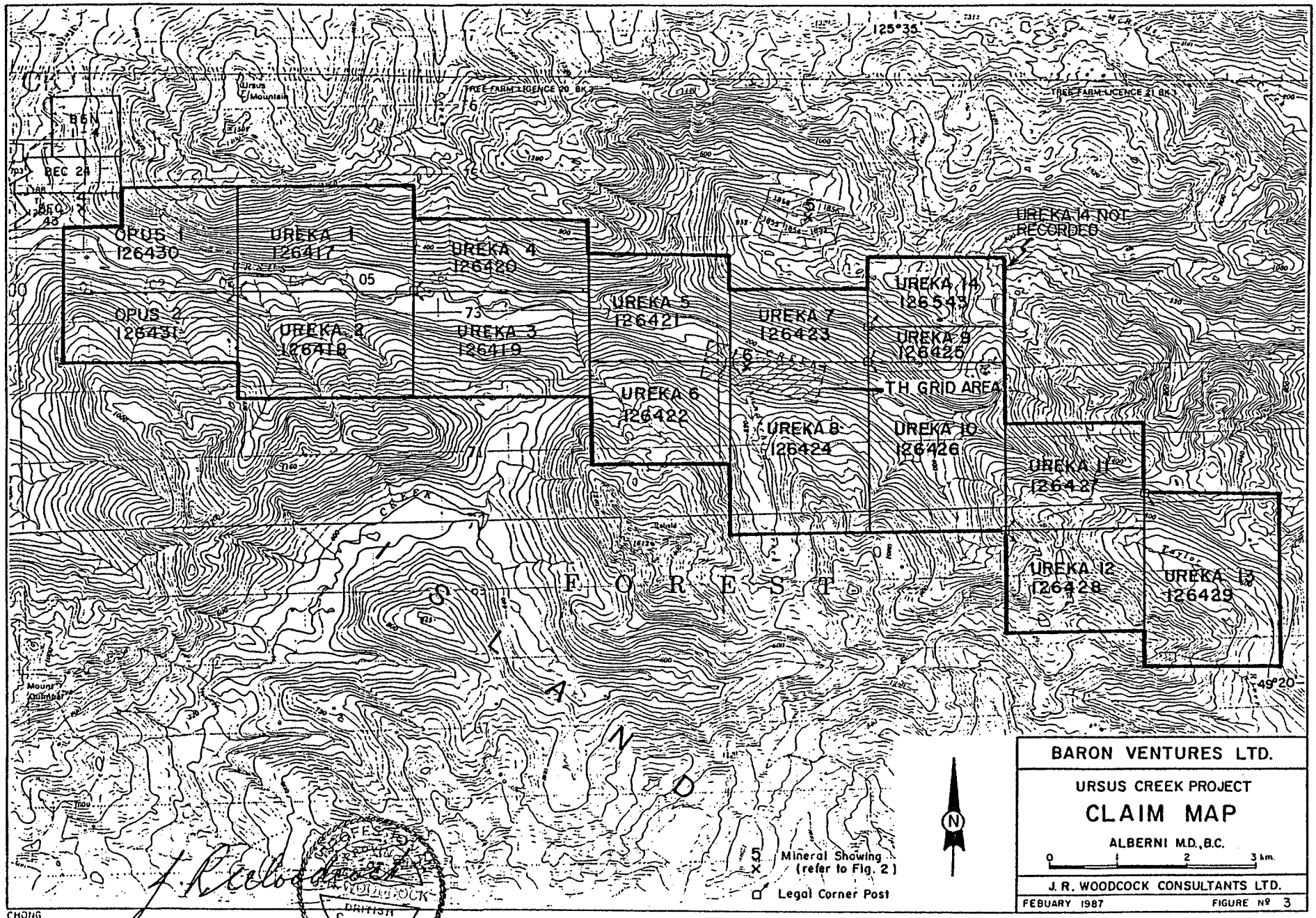
The area is contained in N.T.S. 92F/5E, centered at 49° 23' and 125° 37'.

PROPERTY LIST OF CLAIMS

The Ureka 1-13 and Opus 1 and 2 claims are owned by D.B. Forster and total 200 units. The claims are listed in Table 1 and illustrated on Figure 3:

Claim Name	Record Number	Units	Size	Recording Date	Owner	Anniversary Date *
Ureka 1	3064	15	3N 5E	Dec.1,1986	D. Forster	Dec. 1,1989
Ureka 2	3065	15	3S 5E	Dec.1,1986	D. Forster	Dec. 1,1989
Ureka 3	3066	15	3S 5E	Dec.1,1986	D. Forster	Dec. 1,1989
Ureka 4	3067	10	2N 5E	Dec.1,1986	D. Forster	Dec. 1,1989
Ureka 5	3068	12	3N 4W	Dec.1,1986	D. Forster	Dec. 1,1989
Ureka 6	3069	12	3S 4W	Dec.1,1986	D. Forster	Dec. 1,1990
Ureka 7	3070	8	2N 4E	Dec.1,1986	D. Forster	Dec. 1,1989
Ureka 8	3071	20	5S 4E	Dec.1,1986	D. Forster	Dec. 1,1990
Ureka 9	3072	4	1N 4E	Dec.1,1986	D. Forster	Dec. 1,1990
Ureka 10	3073	20	5S 4E	Dec.1,1986	D. Forster	Dec. 1,1990
Ureka 11	3074	12	3N 4E	Dec.1,1986	D. Forster	Dec. 1,1990
Ureka 12	3075	12	3S 4E	Dec.1,1986	D. Forster	Dec. 1,1990
Ureka 13	3076	20	5S 4E	Dec.1,1986	D. Forster	Dec. 1,1990
Opus 1	3077	10	3N 5W	Dec.1,1986	D. Forster	Dec. 1,1989
Opus 2	3078	15	2S 5W	Dec.1,1986	D. Forster	Dec. 1,1989
		200 Units Total				

* by application of the assessment credits documented in this report.


125°35'
49°20'
TREE FARM LICENCE 20 BK 7
TREE FARM LICENCE 21 BK 7
BEC 24
BEC 38
OPUS 1
126430
OPUS 2
126431
UREKA 1
126417
UREKA 2
126418
UREKA 3
126419
UREKA 4
126420
UREKA 5
126421
UREKA 6
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UREKA 9
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126427
UREKA 12
126428
UREKA 13
126429
UREKA 14
126543
UREKA 14 NOT RECORDED
TH GRID AREA
F O R E S T
Mineral Showing (refer to Fig. 2)
Legal Corner Post
N
BARON VENTURES LTD.
URSUS CREEK PROJECT
CLAIM MAP
ALBERNI M.D., B.C.
0 1 2 3 km.
J. R. WOODCOCK CONSULTANTS LTD.
FEBUARY 1987
FIGURE Nº 3
J. R. WOODCOCK
PROFESSIONAL ENGINEER
BRITISH COLUMBIA
ENGINEER
CHONG

Grouping for assessment purposes has been done as follows: (as outlined in Appendix 1)

Group 1	Opus 1&2, Ureka 1-5 and 7	= 100 units
Group 2	Ureka 6 and Ureka 8-13	= 100 units
	Total	200 Units

Approximately 15% of the grid work plus most of the reconnaissance work can be applied to Group 1, 7-1/2% of the grid work to Ureka 6 and the remainder of the grid work on Ureka 8.

FIELD PROCEDURES

The Ureka Claims are covered by typical westcoast rainforest vegetation. In the grid area the forest is mainly mature Western Red Cedar, usually 2 to 3 meters in diameter, mixed with large Hemlock and a few Douglas Fir. The open forest floor vegetation consists of salal, ferns and minor immature Hemlock and Yew trees. Parts of the main Ursus Creek Valley bottom are a dense thicket of buck brush and devils club.

A chainsaw-cut baseline was established trending 104° from a zero point between trench 1 and 2 and extends to 1000 E and 800 W. Crosslines were run perpendicular to the baseline at 25

meter intervals to 400 E and 250 W and at 50 meter intervals along the remainder of the baseline. Crosslines were flagged in pink ribbons with stations in orange. Short, orange wire-flags were commonly used to mark stations. The lines were slope corrected by means of a clinometer but mainly visual estimating in rough terrain. Most lines were established in pairs, first from the baseline and then the adjacent line by looping back. Commonly, the stations near the baseline are displaced on the looped lines. All distances were measured with a Hip Chain.

Soil samples were collected with a shovel and grub-hoe at 10m intervals. Terrain and sample characteristics were noted at each site. Soil types are discussed in the Geochemistry Section. Usual sample depth was from 1 to 20cm deep. The samples were placed in kraft sample bags and shipped to Acme Analytical Labs Ltd., 852 E. Hastings St., Vancouver B.C. Analytical procedures are contained in Appendix IV.

In the ground magnetic survey a Scintrex Ltd. MP-2, portable proton precession total field magnetometer was used with looping to sub-base stations for diurnal corrections. The station interval was 20 meters.

The VLF-Electromagnetic survey was carried out using two Phoenix Geophysics Ltd. VLF-2 model instruments, serial number

L1057 and L1718 tuned mainly to the Seattle (24.8 kH_z) station. Unfiltered dip angles were plotted and also the Fraser Filter values were calculated.

Hand trenching was done with an Atlas Copco Cobra gasoline drill, two foot steels, 75% Forcite dynamite, B Line detonating cord, Amex II explosives and standard fuse and cap assembly. Extra large samples were collected with a hammer and moil on completion of the trench excavation.

Geological mapping was correlated to the grid stations. An accurate orthophotograph should be constructed at an early stage of future work. The baseline and certain important tie-lines should be carefully measured with a Transit and Electronic Distance Meter (EDM) prior to any possible future drilling phase.

GEOLOGY

Much of the central part of Vancouver Island is underlain by Triassic strata, including the Karmutsen basaltic volcanics and the overlying Quatsino limestone. These are intruded by irregular batholithic plutons of the Island Intrusions, of Middle Jurassic age. Many of the irregularities in the distribution of the batholithic rocks are due to faulting.

REGIONAL GEOLOGY

The project area is structurally dominated by a large fault zone extending from Bedwell River in the west to Sproat Lake in the east. Abundant evidence of large scale shearing was noted along Ursus Creek during prospecting and mapping. The main direction of shearing observed in creek exposures was approximately 112°. This major regional shear zone cuts volcanic rocks of the Karmutsen Formation and granodiorite to quartz diorite stocks of the Island Intrusions.

Several gold-bearing quartz veins, found in the Bedwell River batholith, have been explored in the past by trenches and/or underground workings. One of these, the Musketeer property, has produced gold.

Many of the characteristics of the gold-bearing quartz veins along Bedwell River may be of value in the exploration along Ursus Creek and therefore the geology of four of these properties, the Musketeer, the Buccaneer, the Trophy, and the Prosper will be briefly described, (taken largely from Woodcock 1987).

The Musketeer Group

The veins, which occur within the batholith, are about a mile from its western margin and occur in two complementary sets of

fractures along which there has been some shearing. The one group of fractures strikes 10° to 30° azimuth and dips steeply to vertical. In some places andesite dikes occur in fractures of similar attitude. The other group of fractures strikes northeast to east and dips northerly at angles from 45° to 75°.

At the Musketeer property, the Trail Vein strikes northerly and is offset by the fracture which contains the Musketeer Vein and which strikes easterly.

The quartz veins have sections which are ribboned and generally contain gouge along the walls. The veins are composed of quartz with some white carbonate and varying proportions of sulphides. The sulphides are distributed irregularly in the veins, comprising up to 15% combined sulphides including pyrite, galena, sphalerite, and chalcopyrite.

Pyrite alone is not a reliable indicator of gold; galena and perhaps sphalerite are usually observed with pyrite in vein matter that assays well in gold. Also the gold appears to be independent of the chalcopyrite content.

One of the characteristics of these veins is their very narrow width and their high gold content. A number of samples from the 1000-level of the Musketeer Vein presented by Sargent (1941, p. 40) shows that the highest gold values are generally

with the banded vein material and that a weighted average of ten samples, disregarding whether or not they are within ore shoots, is 1.48 oz/ton Au across 5.4 inches (14 cm), with values up to 4.95 oz/ton across 4.5 inches. Silver values are generally slightly less than the gold values.

Buccaneer Mines Ltd.

Two parallel veins have been explored at the Buccaneer property and both of these veins occur in branching fractures which are largely in or at the sides of altered, green andesite dikes. These dikes strike about N 25° E and dip steeply southeast. They have exposed widths from a few centimeters up to 7 meters, generally averaging about 2.5 meters. The veins can occur along one side of a dike and cross to the other side for an interval and in places can also cross to an adjacent dike.

The vein filling generally consists of quartz, in veins from 5 to 50 cm wide and generally having gouge at the walls. The quartz veins contain fragments of wall rock that are generally partly replaced by ankerite and chlorite. Some of the vein matter is ribboned by closely spaced fractures parallel to the walls.

In places along the veins the quartz can replace sheared wall rocks forming lenticular masses or irregular stringer zones.

These bodies are up to 1.3 meters wide but are generally barren of gold.

The primary sulphides include chalcopyrite, pyrite, galena and sphalerite, generally forming less than 1% of the vein. The gold distribution is irregular; it occurs in the gangue and in contact with or close to the sulphides. Although the gold values are highest where base metals are present, gold does also occur where no base metals are detectable by assays.

Widths of veins are again very narrow and gold values are quite high. A number of samples have been taken and presented by Sargent (1941, pp 56-60). The best values reported are from the 1600-level of the Craig Vein and 18 of these samples, regardless of sample locality, have a weighted average of 2.34 oz/ton Au across 8.2 inches (21 cm).

The Prosper Property

The Prosper property, lying near the northwest corner of Opus 1 mineral claim, is presently covered by the Bess claim (Record Number 43). The Bess claims were acquired in June of 1975 by Mr. Walter Guppy of Tofino and transferred on September 30, 1985 to Bermuda Resources Ltd.

The property is an old one; some old adits and open cuts were made about 1903. In 1939 a group of people, including Walter Guppy, recorded the Prosper 1 to 8 claims.

The mineral showings exposed by and near the workings occur in the Karmutsen volcanics close to the Penny Creek batholith. Mineralization is associated with fractures that strike about 070° Az and dip 65° to 70° northerly. Shearing and chloritization has ocurred along these fractures and at some points quartz stringers with disseminated pyrite have been formed. The quartz is mineralized with pyrite and chalcopyrite and some free gold. Sargent (1940, p 24) reports a number of samples taken in trenches over a length of about 200 feet (60 m). The weighted average of five sample sites is 0.38 oz/ton Au over 13.6 inches (35 cm).

LOCAL GEOLOGY AND MINERALIZATION

Karmutsen volcanics on the Opus 1 and Ureka 1 claim consist of fine grained, commonly fragmental andesite. Alteration is mainly chlorite. The intrusive rocks are mainly fresh, medium crystalline biotite-hornblende granodiorite.

Several large outcrops of grey weathering marble occur on Ureka 2 claim. Intrusive rocks noted near the marble were mafic-rich

quartz diorite which suggests the presence of an intrusive border phase related to assimilation of the country rocks.

The grid area is shown on Figure 5, (in pocket) at a scale of 1:2,500. This is preliminary geological mapping to aid in the interpretation of the ground magnetics, VLF electromagnetic and soil geochemical surveys.

The area is dominated by numerous easterly trending fault (and shear zone) controlled linear depressions. Shear features such as; gouge filled fractures, rehealed brecciation and zones of shattered rock are abundant throughout the grid.

The property includes four showings of quartz mineralization, some of which carry gold values. These have been named the "Main" or "Camp Creek" showing which is at Line 0 + 00 (Trench 1); the "Mid Pad" showing which is along Line 4 + 50 E and occurs on the cliffs immediately south of Ursus Creek; the "Junction" (East) showing which occurs along the south side of Ursus Creek approximately 0.5 kms east of the Mid Pad, and the "Dike" showing which is about one km downstream from the "Main" showing. (For trench locations see Figure 5).

The Trench #1 showing occurs adjacent to a strong shear zone which marks "Camp Creek". The main trends of the mineralized quartz stockwork range from 22^{o} to 62^{o} with southeasterly dips.

The main shearing in Camp Creek varies from 87° to 101° with steep (83°) dips to the north. There are nine quartz vein types present in Trench #1, these are shown in Table 2, (Page 14).

Mr. D.B. Forster took twelve grab samples from Trench #1; the numerical average is 920 ppb Au. After additional trenching, a more detailed sampling program was undertaken for which the results average 550 ppb Au for five samples from the easterly vein. D. Woodcock took two chip samples across the northwesterly striking vein, some of which had abundant chalcopyrite. These samples, both 20 centimeters long and one meter apart, returned assays of 245 ppb (.007 oz/ton) and 780 ppb (.02 oz/ton).

Basically, Trench 1 exposes a series of narrow quartz veins which have a wide (greater than 2.5 meter) thickness of disseminated pyrite in quartz stockwork in the footwall of the more defined quartz veins. Assays for similar type mineralization found elsewhere on the claims gave gold values up to 0.144 oz./ton Au. The host rock at Trench #1 is a highly altered (silicification, sericite and chlorite development) derivative of the surrounding granodiorite. The setting and style of mineralization is similar to the Kim Deposit on Banks Island (Shearer 1985).

TABLE 2

VEIN ORIENTATIONS AT TRENCH 1

Vein	Description	Mineralization	Size	Orientation
A	bluish grey quartz	diss. pyrite and chalcopyrite	7cm	ranging from "rotated" 22/38° SE to 57°/44° SE
B	Laminated grey quartz	barren	1.2cm	53/84° SE
C	Laminated grey quartz	barren	1.1cm	62°/87°SE
D	vein swarm-stockwork	trace of pyrite	0.1-04cm	ranging from 02/62E to 55/60 SE
E	bluish quartz vein	diss. pyrite and chalcopyrite	11cm	73/84° N
F	white quartz	barren	0.5cm	68/82° SE
G	grey-white quartz	barren	1.8cm	08°/78° E
H	laminated grey quartz	barren	0.49cm	42/69° SE
I	white quartz, many generations of clear quartz veinlets	barren	very wide talus blocks	near outcrop

NOTE: the main showing (Trench 1) has been sampled in detail by D. Forster using sample numbers DF 7751-7771-UR and S.E. Angers, sample numbers:

The mineralization at Trench #1 occurs within approximately 100m north of the intrusive contact between quartz monzonite and Karmutsen Volcanics. The main immediate Ursus Creek channel, marked by steep walled canyons, is about 100 north of Trench #1.

The intrusive contact is marked by a medium to fine grained dark, mafic-rich "dioritic" phase which is cut by many dykes of leucocratic granodiorite. The Karmutsen Volcanics are fine grained to aphanitic, dark green "andesitic" varieties. Although only fine grained volcanic rocks were observed in outcrop on the Ureka Claims, the creek bars at the mouth of Ursus Creek contained many examples of diverse, coarse pyroclastics, bedded aquagene tuffs, pillow breccias and amygdaloidal lavas (all typical of the Kamutsen Volcanics elsewhere on Vancouver Island).

MAJOR ROCK TYPES ENCOUNTERED ON THE GRID ARE, Figure 4:

Map Unit 1. Granodiorite:

Light grey-buff weathering, greenish grey hypidomorphic granular texture, biotite & hornblende present. No potassium feldspars determined.

1a. Altered Granodiorite:

Usually rusty weathering, sheared and shattered, light greenish brown, relict quartz grains abundant, commonly micro veined by secondary silica, alteration mainly sericite but also minor chlorite, no primary mafic minerals remain.

Map Unit 2. Quartz Diorite:

Dark green coarse quartz grains, in a chloritic matrix, slight foliation. Some relict feldspars in most samples, commonly veined by calcite hairlines.

Map Unit 3. Karmutsen Volcanics:

"Andesite" - aphanitic to fine grained, dark green, occasionally layered - tuffaceous.

NOTE: No potassium feldspar staining or thin-section examination has been done on rocks from this property during the 1986 - 1987 work program.

The Mid Pad Showing

The Mid Pad Showing includes a lensy quartz vein with associated quartz stringers that strikes 118° and dips 90°. It is exposed on the south side of Ursus Creek and can also be seen in the cliffs along the north side of the creek, about 20 meters away. However, the creek could not be crossed due to high water at the time of the visit and so this exposure on the north side of the creek could not be sampled.

Three sets of samples have been taken and reported for this showing. Samples reported by Virginia Kuran in Assessment Report 12,623 have been taken across the narrow quartz vein and the adjacent rock in three sites. Values and widths obtained are as follows:

Sample	Width (inches)	Au (oz/ton)
95606	20	0.027
95607	60	0.023
95605	18	0.001
95603	26	0.02
91336	6	0.015

A number of samples were taken by Mr. Doug Forster on December 4, 1986 and analyzed in the same laboratory. The results are considerably higher, with assays of selected mineralization up to 0.849 oz. per ton.

D. Woodcock (1987), using a hammer and moil, took four samples across the quartz vein area. The westerly sample, (W13), taken over 63 centimeters, included mainly quartz vein but also some adjacent altered wall rock with a few quartz stringers. A second set of samples were taken 4.3 meters to the east of this. This included a 38-cm lens of quartz (W16) and a continuous 1-meter sample of wall rock to the south (W16). In addition a small lens or knot of quartz within a pinched part of the vein system was sampled (W15) across five centimeters. The results are as follows:

Sample No.	Width (cm)	Au Geochem (Fire Assay) (ppb)	Equivalent oz/ton
W87-13 R	53	1950	.057
W87-14 R	100	85	trace
W87-15 R	5	6700	0.197
W87-16 R	38	7350	0.216

The Junction (East) Showing

About two kilometers above the mouth of Thunderbird Creek is a major junction in Ursus Creek. The Junction showing is about 50 meters up the north branch from this junction and is exposed in the cliffs along the south side of the creek. Natural

scaling along major fractures that trend sub-parallel to the creek bed has created a cliff in which major fracture faces are interspersed with sharp small vertical steps or re-entrants. The fractures strike 120° azimuth and dip about 80° NE.

The rock is a hard greenish cataclastic, probably a mylonite, containing numerous subangular, elongate fragments of quartz ranging in size from five centimeters down to microscopic. Considerable calcite occurs in much of it. The hardness may be due to the fine-grained nature of the mylonite or due to some later silicification. The matrix is composed of quartz and sericite. The green colour may be imparted by a bright green muscovite and/or chlorite. The rock is probably a tectonically crushed granodiorite.

Fine-grained pyrite is dispersed in varying portions throughout much of this rock and assays indicate the presence of gold; although its association within the rock has not been determined. In places the fine-grained pyrite is of sufficient quantity to product limonite on oxidation and this is quire apparent in the reentrant at the discovery point.

Selected samples by D.B. Forster on his first examination of the property returned gold values of 0.169, 0.496 and 0.778 oz/ton. On April 19 and 20, D. Forster took more closely controlled chip samples. These included one moiled channel

sample (DF-123) across 1.2 meters which assayed 0.115 ounces over 0.5 meters and 0.065 ounces over 0.5 meters; several grab samples of the scaled rock debris that assayed 0.169, 0.142, 0.026, and 0.142 oz/ton and three chip samples were taken three to six meters easterly along the base of the cliff that returned values of 0.027, 0.014, and 0.015 oz/ton.

D. Woodcock took a chip sample with a hammer across the site of DF-123 and got 1590 ppb (equivalent to 0.045 oz/ton). The reason for the difference is not apparent; possibly the gold occurs in scattered thin pyritic seams. Three specimens were also submitted for assays. A piece of spalled rock with abundant quartz fragments and fine disseminated pyrite assayed 5600 ppb (0.154 oz/ton) gold; a high sericite rock with scattered pyrite crystals but no quartz fragments assayed 365 ppb gold; and a silicified rock with scattered pyrite and a few quartz fragments assayed 435 ppb. In addition, D. Woodcock took a rough grab sample from two outcrops of similar rock, about 200 meters further to the east. This sample assayed 415 ppb Au.

The fractures may be superimposed on the foliation at a very acute angle; however additional field work will be necessary to verify this. In any case, there are several descrete stages in a complex geological history. Certain structures were present for the initial quartz deposition which was subsequently

brecciated and drawn out into parallel elongated fragments in a cataclastic zone. The slight foliation may be related to this stage of the history. The fracturing was possibly superimposed on the mylonite. The gold mineralization was also superimposed on the mylonite, possibly controlled by the fracture zones.

The Dike Showing

At the Dike Showing, an exposure of buff-weathering granodiorite, occurs on the south side of Ursus Creek. A fracture zone, that strikes 116° azimuth and dips 80° N, is silicified and cut by a few quartz stringers. This is mineralized with sparse disseminated pyrite and a few scattered specks of galena. A small grab sample of this altered rock analyzed 16 ppb Au.

The alteration lies north of a vertical basic dike that is ten meters wide and strikes 130° azimuth. A grab sample of the altered rock adjacent to the dike has 0.025 oz/ton Au. Fresh granodiorite occurs on the south side of the dike.

GEOCHEMISTRY

Stream sediment, soil and rock samples, Figure 6, were collected in a reconnaissance fashion mainly along the lower elevations of Ursus Creek. Anomalous silt samples were found

in a major north flowing tributary (380 ppb.Au.) in Ureka 2 claim and two small south flowing streams in Ureka 7 and Ureka 8 claims. Reconnaissance soil samples, Figure 8, were generally low in gold content except for two samples in the southeast corner of Ureka 5 which subsequently were covered in detail by grid sampling west of 600 W. Geochemical rock sampling, Figure 7, focussed attention on several new mineralized and altered zones in Ureka 5, Ureka 8 and Ureka 10 claims.

Over 1230 soil samples were collected within the initial grid and additional soil samples were taken as follow-up work progressed. Soil characteristics vary considerably throughout the grid area. On steeper slopes only a thin soil development is present consisting of; a 1-10m layer of moss and forest litter grading to rotted organics and humus and then a very thin layer of leached decomposed plutonic rock ("C" horizon) usually 1 to 5cm thick. Flatter areas of the grid, most notably 600 W to 800 W, exhibit much thicker development of true soils with comparatively thick sections of orange-brown "B" horizon.

Results of the systematic soil sampling program are plotted in Figure 9 (in pocket).

The threshold for anomalous values is selected at 25 ppb Au; high anomalous values would be those that exceed 200 ppb Au. Values range up to 1090 ppb.

In general the map presents a picture of background gold values containing scattered anomalous values. In places the anomalous values are abundant enough to create continuous anomalous zones and these have been marked with contours at 25 ppb and 50 ppb. Most of these contoured anomalies occur in the vicinity of Thunderbird Creek and the largest one marks the little knoll that contains the Main showing. Outside of these contoured highs, the area has been divided into two geochemical zones including a southern zone in which most background values are above 5 ppb and up to 25 ppb. This "anomalous area" also has a greater abundance of scattered anomalous values between 26 ppb and 885 ppb.

The above technique of treating the geochemical values seems to give the most useful picture. Contouring individual anomalous values leaves an almost meaningless picture.

There are several factors which would attribute to the erratic nature of the geochemical map:

1. The highly anomalous values should be related to auriferous quartz veins and lenses.

2. The magnitude of the value will depend on the depth of the overburden. In places on high little knolls the weathered and disintegrated granitoid rock occurs at the surface just under the moss and, where this contains quartz lenses or quartz veins, anomalous values can occur. In places where the depth of overburden is quite deep such as in the bottom of Ursus Creek valley and Camp Creek, one should expect a much lower geochemical value.

3. A contribution of the small streams to the Ursus Valley would create erratic conditions if some of the soil samples were taken on the debris from these small streams.

4. Glacial movement in the area would also redistribute any auriferous rock or vein material. The glacial ice flow would have been down this steep-walled valley in a westward direction.

GEOPHYSICS

Ground magnetometer and VLF-Electromagnetic surveys were conducted over the detail grid. Results of the magnetometer survey are shown on Figure 10 (in pocket). Unfiltered dip-angle profiles of the VLF-Electromagnetic survey are shown on Figure 11 and corresponding Fraser Filter results are illustrated on Figure 12 (in pocket).

The magnetometer map, (Figure 10), shows that the contours have a general trend in a southeasterly direction somewhat parallel to the base line. However, in the northwest part of the grid, over a width of seven cross lines, the values are generally higher and the southeasterly fabric is not apparent. Along the south edge of this higher west area is a magnetic high which has not been fully outlined.

In attempting to fit this magnetic picture with the geology one should note that, except for this western high area, there is a general decrease in magnetic intensity southerly along the grid lines and that the lowest values (< 55,800 gammas) occur at the south end of the grid lines, generally in areas of mixed quartz diorite and granodiorite. This would also be in the area approaching the regional fault that separates the batholithic rocks from the Karmutsen volcanics to the south.

The reason for the western high is not apparent from the geological mapping to date; however the positive magnetic anomaly along the south side of this western high may correspond to areas of quartz diorite.

There is no apparent correlation of the magnetic pattern with the geochemical map or the known mineralization.

VLF-EM SURVEY

Parts of the grid have been surveyed by VLF-EM. The results add very little to the present picture.

CONCLUSIONS

Several important, low-grade to moderate-grade gold occurrences have been located along a major shear structure in Ursus Creek. Pyrite and chalcopyrite containing gold values are found in discrete quartz veins but also in wide quartz stockworks in both the hangingwall and footwall of well defined veins. The quartz-sulfide zones appear to be related to 112° trending fault and shear structures. Of the known showings, Trench #1 area now appears to be less important due to low gold content. The Mid Pad showing, where exposed, is of limited width and of moderate gold values.

The interesting Junction showing is a different geological type. It is not the usual conspicuous quartz vein. It is a cataclastic zone which lies along Ursus Creek, the trace of which is a major regional fault structure. Complex history is indicated by; the pre-cataclastic quartz veins which have been brecciated and incorporated into the mylonite, by the foliation and siliceous nature of the mylonite, by the fracture set which may be superimposed on the mylonite, and by the disseminated pyrite mineralization and associated gold which may be controlled by the fracture sets.

This is a somewhat unusual geological type of gold showing and it warrants additional exploration.

A program of stream geochemistry in the side drainages of Ursus Creek has yielded a number of anomalies on which very little follow-up work has been done. The area is of very steep topography and heavy forest with exposures largely limited to the sharp creek drainages. Although outcrops are abundant, there are extensive areas with no exposure.

RECOMMENDATIONS AND COST ESTIMATE FOR FUTURE WORK

1. The Junction showing should be mapped, trenched and sampled in detail with a good base control. It appears to be extensive and its distance to the north is obscured by

overburden. Surrounding unaltered outcrops should also be included in the map to establish the extent of the mylonite zone.

2. It is important to determine the gold association. If it is with the disseminated pyrite, induced polarization could be used to locate concentrations. A comparison of gold analyses with sulphur analyses should give the required information.

3. Further prospecting and mapping are necessary to determine the cause of the small stream anomalies. Detailed silt sampling along these drainages, possibly with samples at 100 meter intervals, will help pinpoint their sources.

4. Additional targets found in the prospecting, mapping, and detailed silt sampling should be explored by soil geochemistry and, if mineralized exposures are found, by trenching and sampling.

5. Because of the steep topography and the heavy mature timber, access is difficult and any drill program using a standard drill machine, would involve costly drill site preparation and mobilization. Therefore sufficient surface work should be done before mobilizing a drill for exploration Stage II.

The following staged program should be implemented:

PHASE I

a. Follow soil anomalies on west side of Thunderbird Creek.
b. Trench showings on west side of Thunderbird Creek.
c. Transit & EDM traverse baseline & tielines.
d. Trench Mid Pad showing at low water levels.
e. Construct helipad east of south Ursus Creek on Ureka 10 claim. (East Pad).
f. Construct tent frame on Ureka 10 near East Pad.
g. Trench East showing (Junction Showing), detail prospect and map entire eastern area.
h. Orthophotograph for entire claim block 1:5,000, detail portions of Ureka 5,6,7,8 and 10 at 1:2,500 and 1:1,000.
i. Trenching at 50 E + 50 N.
j. Orientation self potential survey
k. Prospecting on Ureka 10-13 claims.
l. Preliminary Petrology

If drill targets are defined by Phase I work, then a small Phase II drill program should be completed.

PHASE II

Drilling 30 days contract drilling plus 2 man crew of at least 1000 meters.

COST ESTIMATE

PHASE I Crew of 3 for 30 days (90 man days)

Soil sampling	15 man days	$ 3,600
Trenching	30 man days	7,200
East Heliport Construction	3 man days	720
Camp Costs & Supplies	90 man days @ $40.per day	4,050
Geological Mapping & Prosp.	27 man days	6,480
Orthophotograph		9,000
Transportation		
Helicopter 20 hrs. @ $550. per hour		11,000
Truck		800
Mobilization & Demob.	9 man days	2,000
Analytical		6,000
Explosives		400
East Camp		2,000
Petrology		1,200
Contingency (15%)		8,167
	Phase I Grand Total	$62,617

PHASE II CONTRACT DIAMOND DRILLING

Diamond Drilling 1000m @ $80. per meter	$ 80,000
Mobilization and Demob.	10,000
Camp and supplies 175 man days @ $45 per day	7,875
Supervision, Geological	15,000
Analytical and freight	7,500
Helicopter 60 hours @ $550.	33,000
Drill site preparation	5,000
Contingency (15%)	24,206
Phase II Grand Total	$183,581

Respectfully submitted

J. Shearer

J.T. Shearer, M.Sc, FGAC

REFERENCES

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APPENDIX I

UREKA 1-13 AND OPUS 1 AND 2 CLAIMS

COST STATEMENT

for

Assessment Work Requirements
B.C. Department of Mines

as compiled by

R.A. DICKINSON, President, MBA
PACIFIC SENTINEL GOLD CORP.

WORK COMPLETED BETWEEN

December 3 to December 14, 1986

and

February 2 to February 19, 1987

APPENDIX I
COST STATEMENT, Ureka 1-13 and Opus 1 and 2 Claims

Item	Cost Rate	Total Cost	Proportional Sub. Group 1 (Opus)	Group 2 (Ureka)
WAGES AND BENEFITS				
J.T. Shearer, geologist	26 days @ 250/day	6,500.00	2,675.00	3,825.00
D.F. Forster, geologist	12 days @ 250/day	3,000.00	2,000.00	1,000.00
B. Lennan, geologist	.5 days @ 201.25/day	100.63	-	100.63
D. Brown, geologist	6 days @ 184.00/day	1,104.00	920.00	184.00
S. Butler, geologist	22 days @ 149.50/day	3,289.00	493.35	2,795.65
S.E. Angus, blaster/prosp.	12 days @ 172.50/day	2,070.00	-	2,070.00
	SUBTOTAL	16,063.63	6,088.35	9,975.28
TRANSPORTATION				
B.C. Ferry		138.00	69.00	69.00
Truck rental, Dec. & Feb.		517.30	258.65	258.65
Helicopter (Long Beach Helicopters Ltd.)				
Dec. 22.7 hours @ 534.60/hour		12,138.67	7,955.41	4,183.26
Feb. 8.9 hours @ 534.60/hour		4,757.94	713.69	4,044.25
High frequency phone calls		30.00	15.00	15.00
CAMP AND HOTEL COSTS				
Camp costs, Feb. 36 man days @ 17.64/man day		635.04	-	635.04
Food		794.81	-	794.81
Hotel & meals (Mob & Demob) in Ucluelet		407.06	203.53	203.53
December hotel & meals		1,408.29	1,000.00	408.29
CONTACT LINE CUTTING, Magnetometer Survey				
Soil Sample collection and VLF-Electromagnetometer Survey				
W. Chase & Associates invoice		11,950.00	1,792.50	10,157.50

APPENDIX I (Continued)
COST STATEMENT, Ureka 1-13 and Opus 1 and 2 Claims

Item	Cost Rate	Total Cost	Proportional Sub. Group 1 (Opus)	Group 2 (Ureka)
ANALYTICAL (Acme Analytical Labs Ltd.)				
156 rocks 30 element ICP & geochem Au @ 10		1,560.00	1,248.00	312.00
1230 soils geochem Au @ 7.25/sample		8,917.50	1,337.63	7,579.87
91 silts/soils from reconnaisance geochem Au @ 7.25/sample		1,384.75	1,107.80	276.95
16 fire assay for gold @ 11.25		180.00	-	186.00
Analytical Subtotal		12,042.25	3,693.43	8,348.82
TRENCHING COSTS				
Explosives		361.35	-	361.35
Cobra drill rental	2 weeks @ 250/week	500.00	-	500.00
Air photographs		29.92	14.96	14.96
FIELD SUPPLIES (Flagging, hip chain thread, etc.)		78.20	19.55	58.65
GEOPHYSICAL RENTAL	16 days @ 24/day	384.00	-	384.00
DRAFTING by High D'or Developments		299.61	74.90	224.71
REPRODUCTION		300.00	100.00	200.00
REPORT PREPARATION (work processing)		300.00	100.00	200.00
TOTAL		$63,136.07	$22,098.97	$41,037.10

APPENDIX II

STATEMENT OF QUALIFICATIONS

J.T. SHEARER, M.Sc., FGAC

UREKA 1-13 AND OPUS 1 AND 2 CLAIMS
URSUS CREEK AREA

Fieldwork completed between December 3 to 14, 1986
and February 2 to 19, 1987

STATEMENT OF QUALIFICATIONS

I, Johan T. Shearer of the City of Port Coquitlam, in the Province of British Columbia, do hereby certify:

1. I graduated in Honours Geology (B.Sc. 1973) from the University of British Columbia and the University of London, Imperial College (M.Sc. 1977).

2. I have practiced my profession as an Exploration Geologist continuously since graduation and have been employed by such mining companies as McIntyre Mines Ltd., J.C. Stephen Explorations Ltd., Carolin Mines, and TRM Engineering Ltd. I am presently employed by New Global Resources Ltd.

3. I am a fellow of the Geological Association of Canada. I am also a member of the Canadian Institute of Mining and Metallurgy, the Geological Society of London and the Mineralogical Association of Canada.

4. I have personally conducted detail geological mapping and general exploration field work on the Ureka claims, Ursus Creek area. This report is an interpretation of the data obtained.

J. Shearer

J.T. Shearer, M.Sc. FGAC

Vancouver, B.C.
August 24, 1987

APPENDIX III

LIST OF PERSONNEL AND DATES WORKED

UREKA 1-13 AND OPUS 1 AND 2 CLAIMS

Fieldwork completed between December 3 to 14, 1986
and February 2 to 19, 1987

APPENDIX III

LIST OF PERSONNEL AND DATES WORKED

Name	Occupation	Address	Days Worked
J.T. Shearer, M.Sc.	Geologist	3832 St. Thomas St. Port Coquitlam, B.C.	December 7-15, 1986 January 28-29, 1987 February 2-27, 1987 = 28 days
D.B. Forster, M.Sc.	Geologist	313-1350 Comox St. Vancouver, B.C. V6E 4E1	December 3-12, 1986 January 5-20, 1987 = 12 days
D. Brown, B.Sc.	Geologist	4-1306 Bidwell St. Vancouver, B.C.	December 7-12, 1986 = 6 days
B. Lennen, B.Sc.	Geologist	876 Lynwood Avenue Port Coquitlam, B.C.	February 12, 1987 = 1/2 day
S. Butler, B.Sc.	Geologist	4525 W. 2nd Avenue Vancouver, B.C.	December 7-15, 1986 January 30, 1987 February 2-13, 1987 = 22 days
S.E. Angus 14 years bush experience	Blaster/Prosp.	72574 Crescent Rd. Surrey, B.C.	February 2-13, 1987 = 12 days

APPENDIX IV

ANALYTICAL PROCEDURES AND ASSAY CERTIFICATES

UREKA 1-13 AND OPUS 1 AND 2 CLAIMS

ACME ANALYTICAL LABORATORIES LTD.

852 E. Hastings St.
Vancouver, B.C.

Dean Toye, Chief Assayer

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-SOILS P2-3 ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 25 1986 DATE REPORT MAILED: Dec 1/86 ASSAYER. D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

HIGH D'OR DEVELOPMENT FILE # 86-3820

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DM-SS-001	1	16	5	43	2.8	5	10	1197	2.90	11	5	25	3	22	1	2	2	36	.59	.053	15	10	.68	171	.03	3	1.88	.02	.05	2	1150
DB-SS-001	3	8	6	62	.4	5	9	1305	3.44	2	8	2	3	16	1	2	2	37	.26	.024	16	6	.55	87	.01	2	1.65	.04	.08	1	1030
DB-SS-002	1	5	8	59	.3	4	7	1048	2.24	4	5	ND	3	20	1	2	2	17	.27	.029	11	3	.44	81	.02	4	1.22	.04	.07	1	18
DB-SS-003	6	9	4	54	.2	2	4	2388	1.47	5	5	ND	3	76	1	2	2	14	1.57	.078	13	3	.23	159	.01	2	1.94	.03	.05	1	9
DB-SS-004	5	18	8	46	.5	4	4	2674	1.06	4	10	ND	3	91	1	3	2	10	2.39	.095	17	5	.14	234	.01	8	2.45	.06	.06	3	6
DB-SS-005	1	6	5	38	.1	1	3	894	1.32	2	5	ND	1	36	1	2	2	18	.97	.024	8	3	.30	86	.04	5	1.36	.05	.07	1	3
STD C	22	62	37	144	7.1	70	30	1047	3.96	43	16	9	34	49	19	15	17	65	.47	.109	41	61	.88	185	.09	35	1.72	.07	.14	13	-

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DF-SS-001	3	10	7	25	.2	1	4	167	2.53	8	8	ND	3	3	1	3	2	17	.04	.016	8	5	.22	33	.01	4	2.00	.02	.07	1	53
DF-SS-002	6	8	2	15	.1	2	3	101	2.20	3	5	ND	1	4	1	2	2	31	.03	.006	7	6	.19	22	.01	2	.90	.02	.04	1	275
DF-7751-UR	4	13965	6	1	19.6	1	2	25	2.74	23	10	2	1	1	1	34	2	1	.01	.003	2	2	.01	9	.01	2	.07	.01	.03	8	530
DF-7752-UR	4	10763	2	1	16.5	2	2	23	2.69	22	9	ND	1	1	1	32	2	1	.01	.002	2	4	.01	10	.01	2	.05	.01	.03	6	1070
DF-7753-UR	5	9740	7	1	11.1	2	7	24	3.05	24	5	ND	1	1	1	41	2	1	.01	.004	2	9	.01	11	.01	8	.06	.01	.03	5	1170
DF-7754-UR	6	4788	6	1	14.1	1	3	23	3.28	19	7	ND	1	1	1	25	2	1	.01	.007	2	2	.01	43	.01	2	.13	.02	.07	3	1380
DF-7755-UR	6	10369	2	1	35.9	1	3	22	3.39	23	5	ND	1	1	1	35	2	1	.01	.006	2	3	.01	33	.01	2	.10	.02	.05	6	280
DF-7756-UR	7	1781	3	2	3.1	1	3	37	2.16	8	9	ND	1	1	1	10	3	1	.02	.011	3	4	.01	34	.01	5	.15	.03	.08	1	750
DF-7757-UR	8	417	5	2	2.1	1	9	20	1.39	5	17	2	2	1	1	5	5	1	.01	.009	6	3	.01	26	.01	4	.14	.03	.09	1	530
DF-7758-UR	5	8862	4	1	17.6	2	5	18	2.51	10	5	ND	1	1	1	17	3	1	.01	.001	2	10	.01	11	.01	2	.05	.01	.02	4	1170
DF-7759-UR	7	74	6	3	.3	1	6	34	1.88	4	8	ND	1	2	1	2	3	1	.02	.027	3	4	.01	36	.01	3	.19	.02	.11	1	340
DF-7760-UR	8	1223	5	2	3.0	1	2	25	2.41	2	7	ND	1	2	1	2	2	1	.02	.016	3	4	.01	37	.01	5	.17	.02	.09	1	950
DF-7761-UR	9	636	3	3	2.0	2	2	41	2.26	2	5	2	1	2	1	3	2	2	.02	.022	6	4	.01	39	.01	4	.21	.02	.11	1	1240
DF-7762-UR	9	57	11	4	.6	1	4	39	2.46	5	7	2	3	2	1	3	2	2	.03	.027	8	3	.01	50	.01	3	.25	.02	.14	1	1620
DF-7763-UR	2	15	3	2	.1	1	3	34	1.50	2	5	ND	1	1	1	2	2	1	.01	.014	5	2	.01	40	.01	5	.20	.03	.11	1	250
DF-7764-UR	3	18	8	4	.1	1	3	37	1.32	2	5	ND	1	1	1	2	2	2	.03	.026	4	3	.01	37	.01	4	.25	.03	.10	1	67
DF-7765-UR	2	16	3	1	.4	1	4	15	1.07	4	10	ND	2	1	1	2	2	1	.02	.006	6	4	.01	27	.01	2	.12	.03	.08	1	49
DF-7766-UR	3	14	2	2	.1	1	2	27	1.28	2	5	ND	1	1	1	2	2	1	.02	.014	5	4	.01	35	.01	5	.16	.03	.08	1	96
DF-7767-UR	3	6	4	2	.3	1	4	20	1.59	2	10	ND	3	2	1	2	3	2	.02	.016	4	2	.01	46	.01	3	.21	.03	.14	1	185
DF-7768-UR	3	5	3	2	.1	1	2	17	1.34	3	5	ND	1	2	1	2	2	1	.02	.016	5	2	.01	40	.01	2	.17	.03	.11	1	150
DF-7769-UR	4	52	6	2	.2	1	3	16	1.98	6	5	ND	1	2	1	2	4	1	.02	.009	4	4	.01	43	.01	4	.21	.03	.12	1	320
DF-7770-UR	3	45	6	5	.5	2	5	16	2.76	12	5	ND	1	2	1	9	2	2	.01	.013	3	2	.01	44	.01	10	.23	.02	.12	1	405
DF-7771-UR	3	6	3	2	.1	1	2	16	1.19	3	6	ND	1	2	1	2	2	1	.02	.016	4	3	.01	36	.01	6	.18	.03	.11	1	47
DF-7772-UR	5	6579	7	1	9.8	1	6	16	2.10	6	9	ND	2	1	1	11	2	1	.01	.002	2	5	.01	11	.01	5	.06	.01	.04	4	480
DF-7773-UR	1	19	17	32	.1	1	4	406	1.77	9	5	ND	2	22	1	2	2	8	1.82	.033	5	3	.34	54	.01	4	.55	.03	.12	1	5
DF-7774-UR	3	36	4	2	1.2	1	2	30	1.72	2	9	4	1	1	1	2	2	1	.01	.007	3	6	.01	18	.01	5	.12	.03	.05	1	3600
DF-7775-UR	5	14	12	5	.1	1	2	108	2.36	3	8	ND	3	2	1	2	2	3	.02	.017	5	3	.01	33	.01	6	.20	.03	.09	1	335
DF-7776-UR	3	77	5	1	.1	1	2	24	.65	2	5	ND	1	1	1	2	2	1	.01	.004	2	4	.01	11	.01	3	.06	.01	.03	1	350
DF-7777-UR	3	105	9	4	.3	1	3	54	1.71	4	5	ND	1	1	1	3	2	2	.01	.012	4	4	.01	22	.01	3	.16	.02	.05	1	1680
DF-7778-UR	3	36	8	4	.9	1	2	119	1.71	4	5	2	2	1	1	3	2	2	.01	.006	2	5	.01	10	.01	2	.09	.01	.03	1	2150
DF-7779-UR	3	21	3	9	.1	1	2	152	.93	3	5	ND	1	1	1	2	2	2	.02	.012	5	4	.08	41	.01	3	.30	.02	.07	1	79
DF-7780-UR	4	70	3	1	.1	1	1	26	.55	2	5	ND	1	1	1	2	2	1	.01	.002	2	5	.01	7	.01	2	.05	.01	.01	1	39
DF-7781-UR	3	14	20	37	.1	1	6	316	1.95	3	5	ND	3	2	1	2	2	9	.07	.030	9	2	.24	41	.01	6	.62	.03	.12	3	11
DF-7782-UR	3	8	3	27	.1	1	4	813	1.88	2	10	ND	3	25	1	2	4	6	1.25	.033	7	2	.32	44	.01	5	.41	.03	.11	1	12
DF-7783-UR	8	4	3	2	.1	1	1	23	1.36	3	5	ND	1	6	1	2	6	1	.02	.017	3	1	.01	36	.01	2	.17	.03	.10	1	175
DF-7784-UR	5	5	6	32	.1	1	4	399	1.99	13	5	ND	2	4	1	2	3	5	.20	.033	7	2	.18	49	.01	4	.57	.02	.13	1	605
STD C/AU-R	19	55	42	140	6.9	64	27	952	3.95	37	20	6	30	45	16	15	20	59	.48	.095	33	55	.88	168	.08	38	1.72	.06	.12	13	510

Trench #1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DF-7785-UR	1	4	4	38	.1	2	4	442	2.01	8	5	ND	3	13	1	2	2	5	.90	.033	7	3	.18	51	.01	3	.49	.05	.13	1	6
DF-7786-UR	1	6	5	6	.2	2	3	353	1.04	2	9	ND	4	17	1	2	3	2	1.07	.021	8	3	.05	84	.01	4	.28	.03	.16	1	5
DF-7787-UR	1	4153	11	21	20.8	3	7	31	4.95	40	10	4	3	1	1	53	2	1	.01	.003	2	7	.01	18	.01	5	.04	.01	.04	2	3750
DF-7788-UR	2	5296	5	7	10.1	2	5	30	4.29	8	5	ND	1	1	1	9	2	1	.01	.002	2	7	.01	18	.01	2	.06	.01	.02	2	1420
DF-7789-UR	4	9071	3	4	23.3	2	2	28	2.81	13	5	2	1	1	1	18	4	1	.01	.002	2	10	.01	22	.01	2	.07	.01	.04	3	1030
DF-7790-UR	14	52	5	6	.1	2	3	45	.72	3	5	ND	5	3	1	2	3	1	.02	.010	14	5	.02	40	.01	2	.26	.04	.12	1	108
DF-7791-UR	1	34	85	57	.3	2	5	466	1.93	12	8	ND	4	5	1	2	2	2	.06	.029	9	5	.01	11	.01	3	.23	.06	.06	252	38
DF-7792-UR	11	14	1549	290	1.9	1	1	215	.69	10	5	ND	2	77	1	2	2	1	1.10	.021	3	7	.01	8	.01	4	.09	.01	.03	275	73
DF-7793-UR	5	7	18	6	.7	3	2	35	.84	26	10	ND	9	2	1	5	5	1	.01	.012	18	6	.01	30	.01	2	.20	.05	.13	3	23
DF-7794-UR	2	3	22	8	.1	1	1	148	.67	12	5	ND	3	2	1	2	4	1	.02	.010	13	5	.01	28	.01	3	.24	.04	.09	24	16
DF-7795-UR	4	4	13	10	.2	2	2	125	1.03	45	5	ND	7	11	1	2	2	1	.42	.018	13	4	.01	37	.01	2	.22	.04	.11	1	34
DF-7796-UR	3	16	97	44	.3	3	1	204	.77	3	5	ND	2	2	1	2	2	2	.03	.016	4	6	.01	15	.01	2	.16	.04	.05	5	52
DF-7797-UR	6	4	13	7	.1	2	1	90	.70	5	5	ND	4	3	1	2	2	1	.02	.008	14	6	.01	40	.01	3	.24	.03	.13	1	55
DF-7798-UR	12	4	3	5	.1	2	1	48	.65	5	5	ND	5	2	1	2	2	1	.01	.010	15	5	.01	30	.01	2	.21	.04	.11	1	25
STD C/AU-R	21	60	41	141	6.9	70	31	1029	3.95	38	15	8	35	49	17	15	21	65	.48	.100	36	62	.88	182	.08	34	1.72	.07	.14	12	500

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED FEB 16 1987

DATE REPORTS MAILED Feb 23/87

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : P1-2 ROCKS P3-SOILS
Au* - 10 GM.IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.
AU** BY FIRE ASSAY

ASSAYER D. Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

HIGH D'OR DEVELOPMENT PROJECT BC-04(URSUS CREEK) FILE# 87-0360 PAGE# 1

SAMPLE	Au* ppb	Au** oz/t
2921	95	-
2922	195	-
2924	350	-
2925	305	-
2926	510	-
2927	395	-
2928	895	-
2929	2110	.089
2930	116	-
2931	1	-
2932	165	-
2933	315	-
2934	2	-
2935	1	-
2936	1	-
2937	615	-
2938	450	-
2939	395	-
2940	28	-
2941	1180	.033
2942	165	-
2943	115	-
2945	13	-
SB 6551	685	-
SB 6552	285	-
SB 6553	215	-
SB 6554	43	-
SB 6555	10	-
SB 6556	1	-
SB 6557	1	-
SB 6558	1	-
SB 6559	1	-
SB 6560	1	-
SB 6561	2	-
50E+50N	1300	.031
260E+12N	2220	.065

SAMPLE	Au* ppb	Au** oz/t
300E+20S	59	-
350E+30N	2	-
375E+10S	25	-
388E+25S	2250	.045
400E+110S	3390	.137
450E+80S	56	-
945E+5S	1	-
VS-29	15	-
VS-30	1	-
GRAB R15 AF.BLAST	12	-

SAMPLE	Au# ppb
3+90E 1+10S	9
3+90E 1+15S	7
4+00E 1+15S	1
4+10E 1+10S	1
4+10E 1+15S	1
4+20E 1+15S	15
4+30E 1+15S	40
4+40E 0+80S	5
4+40E 0+85S	52
4+40E 0+90S	62
4+50E 0+90S	22
4+60E 0+80S	3
4+60E 0+85S	1
4+60E 0+90S	11
4+60E 0+95S	2
5+90E 0+30N	19
5+90E 0+80S	23
6+00E 0+35N	149
6+00E 0+30N	159
6+00E 0+25N	120
6+00E 0+80S	6
6+10E 0+30N	175
6+10E 0+80S	2
7+90E 0+40S	9
8+00E 0+40S	40
8+10E 0+40S	195
8+25E 0+40S	29
8+40E 0+40S	2
8+50E 0+40S	175
8+50E 0+45S	133
8+60E 0+40S	36
SB-SS-004	8
SB-SS-005	5
JS-SS-023	2

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 18 1986 DATE REPORT MAILED: Dec 24/86 ASSAYER. ... DEAN TOYE. CERTIFIED B.C. ASSAYER.

HIGH D'OR DEVELOPMENT PROJECT - BC-04 FILE # 86-4019 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DB 2851-UR	1	7	3	18	.1	18	6	153	1.54	6	5	ND	1	1	1	2	2	37	.06	.002	2	26	.59	4	.09	2	.64	.02	.03	1	39
DB-2852-UR	4	7	14	19	.3	1	1	246	.73	12	5	ND	7	27	1	2	2	1	.97	.009	14	1	.07	34	.01	3	.21	.07	.14	1	6
DB 2853-UR	2	3	5	25	.3	2	6	412	2.45	37	5	ND	2	31	1	2	2	7	1.42	.045	7	3	.33	43	.01	3	.36	.06	.14	1	22
DB 2854-UR	2	4	5	13	.2	2	1	198	.66	88	5	ND	1	53	1	2	2	1	1.92	.008	2	3	.02	12	.01	2	.08	.04	.04	1	54
DB 2855-UR	2	4	7	4	.1	2	14	32	3.96	6	5	ND	1	2	1	2	2	1	.05	.002	2	4	.01	24	.01	3	.15	.01	.08	1	155
DB 2856-UR	1	4	8	39	.3	2	4	538	2.14	12	5	ND	2	17	1	2	2	44	5.14	.042	6	2	.43	116	.13	7	3.42	.06	.13	1	2
DB 2857-UR	1	5	7	40	.3	2	4	620	1.71	17	5	ND	3	76	1	2	2	6	3.39	.042	8	4	.35	63	.01	5	.46	.06	.21	1	27
DB 2858-UR	2	3092	11	26	10.0	4	31	565	4.71	2	5	18	2	24	1	2	2	2	1.09	.015	2	1	.22	28	.01	3	.25	.04	.10	1	25700
DB 2859-UR	1	10	7	28	.2	1	4	399	1.62	27	5	ND	3	4	1	2	2	3	.22	.034	8	1	.03	86	.01	3	.32	.03	.19	1	39
DB 2860-UR	2	27	5	3	.1	2	5	29	2.50	2	5	ND	2	2	1	2	2	2	.04	.022	6	1	.02	53	.01	3	.25	.02	.14	1	220
DB 2861-UR	1	6	128	18	.2	2	2	190	.91	32	5	ND	3	4	1	2	2	8	.21	.030	5	2	.17	59	.08	7	.78	.02	.28	1	4
DB 2862-UR	2	3	6	18	.2	2	2	907	1.40	6	5	ND	3	125	1	2	2	3	5.97	.026	8	1	.36	90	.01	3	.35	.07	.07	1	12
DB 2863-UR	1	17	22	57	.4	2	5	240	2.14	27	5	ND	3	195	1	2	2	32	1.57	.026	14	4	.61	3555	.01	21	4.59	.13	.91	1	25
DB 2864-UR	1	4	16	44	.4	2	5	855	2.09	11	5	ND	3	169	1	2	2	7	5.92	.046	12	1	.55	359	.01	4	1.27	.06	.22	1	21
DB 2865-UR	2	33	11	13	.3	2	4	782	1.49	10	5	ND	4	5	1	2	4	3	.11	.035	13	2	.06	127	.01	4	.60	.03	.18	1	13
DB 2866-UR	1	34	8	68	.2	9	15	1555	4.77	2	5	ND	1	88	1	2	2	26	3.56	.038	4	12	1.55	78	.01	2	1.21	.07	.15	1	8
DF 2001-UR	1	2	6	28	.2	2	3	256	1.81	2	5	ND	5	4	1	2	2	4	.16	.029	13	1	.08	50	.01	3	.41	.04	.13	1	14
DF 2002-UR	3	7	11	8	.2	1	1	195	.75	4	5	ND	4	18	1	2	2	1	.95	.010	16	3	.02	42	.01	4	.24	.04	.12	1	19
DF 2003-UR	1	5	4	29	.1	2	4	351	2.23	40	5	ND	4	5	1	2	2	9	.37	.036	11	2	.23	25	.01	4	.57	.06	.09	1	11
DF 2004-UR	1	2	4	1	.2	1	1	703	.23	2	5	ND	1	415	1	2	5	1	25.95	.001	2	4	.04	5	.01	2	.05	.07	.01	1	10
DF 2005-UR	1	4	3	29	.2	2	4	414	2.08	5	5	ND	4	5	1	2	2	9	.31	.033	12	4	.37	45	.01	4	.84	.05	.12	1	7
DF 2006-UR	1	1	5	1	.4	1	1	1067	.26	2	5	ND	1	365	1	3	7	1	36.91	.001	2	5	.04	6	.01	2	.02	.08	.01	1	157
DF 2007-UR	1	3	6	4	.2	2	1	38	1.37	2	5	ND	1	4	1	2	2	2	.23	.012	4	2	.01	14	.01	3	.15	.03	.05	1	43
DF 2008-UR	1	3	5	40	.1	2	3	302	1.91	2	5	ND	3	26	1	2	2	7	1.96	.021	11	1	.41	40	.01	3	.87	.05	.10	3	23
DF 2009-UR	1	148	846	368	8.6	3	2	233	1.52	120	5	13	1	29	14	4	2	1	1.38	.015	3	1	.06	20	.01	2	.20	.04	.08	166	12660
DF 2010-UR	1	211	1290	256	14.4	3	3	254	2.05	152	5	22	1	38	10	4	2	2	1.84	.018	2	3	.07	23	.01	3	.23	.05	.09	2	23800
DF 2011-UR	1	190	1630	357	14.5	3	5	495	2.89	205	5	20	1	51	14	2	2	4	2.53	.039	2	4	.33	29	.01	2	.44	.06	.13	5	25900
DF 2012-UR	2	109	278	275	6.0	5	7	567	2.90	183	5	12	1	56	10	2	2	6	2.87	.041	2	2	.42	28	.01	3	.54	.06	.13	4	10360
DF 2013-UR	2	11	23	24	.9	2	4	927	2.03	66	5	2	2	156	1	2	2	4	8.81	.032	3	4	.40	26	.01	3	.52	.07	.12	1	2590
DF 2014-UR	1	4	8	2	.2	4	1	149	.65	15	5	ND	1	11	1	2	2	1	.49	.005	2	6	.05	6	.01	2	.09	.02	.03	7	530
DF 2015-UR	1	32	21	18	.9	2	2	601	.92	38	5	ND	1	165	1	2	2	2	9.39	.018	3	1	.11	18	.01	2	.23	.06	.09	76	1660
DF 2016-UR	1	56	50	148	1.7	2	3	999	1.68	59	5	4	1	146	6	2	2	2	6.98	.029	2	1	.46	21	.01	2	.25	.06	.11	93	2560
DF 2017-UR	1	138	145	217	2.5	2	3	923	1.42	48	5	4	2	204	8	2	2	2	8.95	.025	3	2	.33	21	.01	2	.27	.07	.12	81	3730
DF 2018-UR	1	29	72	71	1.8	2	3	712	1.50	67	5	3	2	160	3	2	2	2	7.97	.030	2	2	.32	23	.01	2	.29	.06	.12	51	2370
DF 2019-UR	1	4	6	19	.1	2	4	253	2.15	2	5	ND	3	12	1	2	2	17	.70	.037	5	3	.52	68	.10	3	.76	.06	.13	1	12
DF-2020-UR	5	5	5	17	.1	2	3	356	1.73	2	5	ND	3	9	1	2	2	6	.39	.029	10	2	.17	92	.01	3	.49	.06	.11	1	23
STD C/AU-R	21	58	39	132	7.0	67	27	911	3.91	39	17	7	31	44	17	15	19	60	.48	.100	37	53	.88	162	.08	36	1.73	.08	.12	13	510

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DF 2021-UR	14	4	3	13	.2	5	3	241	1.49	3	5	ND	4	14	1	2	2	10	.17	.026	13	5	.20	186	.01	3	.47	.05	.10	1	26
DF 2022-UR	3	5	4	8	.2	3	4	328	1.55	3	5	ND	6	5	1	2	2	3	.16	.026	15	5	.03	77	.01	3	.30	.04	.11	1	10
DF 2023-UR	43	2	7	20	.4	3	8	205	3.65	3	5	ND	3	14	1	2	2	24	.41	.039	9	6	.79	75	.01	2	1.19	.06	.09	1	6
DF 2024-UR	5	3	4	16	.1	2	5	169	2.13	2	5	ND	3	7	1	2	2	15	.18	.020	11	3	.20	47	.01	2	.55	.05	.07	1	18
DF 2025-UR	5	3	2	6	.2	1	3	423	1.46	5	5	ND	3	13	1	3	2	3	.73	.028	9	1	.06	93	.01	2	.28	.05	.13	1	33
DF 2026-UR	7	3	4	12	.1	2	6	77	2.35	2	5	ND	2	4	1	2	2	7	.04	.031	10	3	.08	84	.01	2	.42	.04	.08	1	118
DF 2027-UR	2	3	5	35	.2	4	5	422	2.19	2	5	ND	3	26	1	2	2	17	1.05	.042	7	7	.48	110	.01	3	.79	.07	.11	1	12
DF 2031-UR	2	3	2	12	.2	2	7	156	2.03	2	5	ND	4	17	1	2	2	16	.28	.042	8	3	.39	117	.08	2	.65	.05	.15	1	2
DF 2032-UR	1	2	2	9	.1	1	5	102	2.79	2	5	ND	3	6	1	2	2	12	.11	.038	5	2	.36	45	.05	2	.57	.04	.15	1	3
DF 2033-UR	5	2	4	18	.2	3	4	912	1.85	4	5	ND	3	20	1	2	2	4	1.27	.036	9	5	.12	40	.01	2	.36	.05	.11	1	5
DF 2034-UR	17	4	4	8	.2	3	3	237	2.19	5	5	ND	3	5	1	2	2	3	.09	.038	12	5	.09	45	.01	2	.39	.03	.11	1	69
DF 2035-UR	10	6	7	6	.3	2	2	130	2.79	10	5	ND	3	5	1	2	2	3	.05	.041	16	3	.06	38	.01	3	.45	.02	.12	1	139
DF 2036-UR	1	1	4	19	.2	1	2	757	1.62	2	5	ND	2	34	1	2	2	8	2.84	.012	7	1	.21	34	.01	2	.24	.04	.07	4	8
DF 2037-UR	1	3	5	10	.1	1	2	160	1.73	92	5	ND	3	2	1	2	2	3	.04	.030	11	2	.02	42	.01	3	.28	.01	.14	1	185
DF 2038-UR	1	2	2	2	.1	2	2	144	1.12	24	5	ND	2	1	1	2	2	3	.03	.015	8	3	.01	31	.01	2	.18	.01	.11	1	13
DF 2039-UR	2	1	2	16	.1	1	1	140	.63	4	5	ND	1	3	1	2	2	1	.07	.017	13	1	.11	61	.01	3	.61	.03	.19	1	1
DF 2040-UR	2	2	2	48	.2	2	6	574	2.37	8	5	ND	2	32	1	2	2	23	.50	.035	9	2	.74	81	.01	2	1.29	.06	.09	1	1
DF 2041-UR	1	1	7	40	.1	1	5	400	2.35	2	5	ND	2	4	1	2	2	29	.08	.035	11	1	.15	42	.01	3	.67	.04	.06	2	1
DF 2042-UR	1	1	3	21	.2	1	1	274	1.02	2	5	ND	2	4	1	2	2	3	.16	.019	15	1	.20	41	.01	2	.57	.05	.12	1	1
DF 2043-UR	1	2	5	35	.2	1	2	386	1.43	2	5	ND	1	8	1	2	2	3	1.79	.021	10	1	.05	57	.01	5	.35	.06	.14	1	1
DF 2044-UR	1	2	3	19	.1	2	1	123	1.00	6	5	ND	1	3	1	2	2	4	.07	.027	17	2	.18	53	.01	4	.58	.05	.12	1	2
DF 2045-UR	1	8	6	53	.3	2	6	580	2.28	6	5	ND	1	54	1	2	2	13	3.90	.032	8	1	.51	72	.01	4	.38	.07	.13	1	1
DF 2046-UR	1	1	2	16	.1	1	1	108	.72	4	5	ND	1	3	1	2	3	4	.04	.019	15	1	.14	45	.01	3	.54	.05	.12	1	1
DF 2047-UR	11	2	4	5	.1	2	2	132	1.91	3	5	ND	3	13	1	2	2	13	.33	.048	3	2	.45	127	.07	4	.71	.06	.14	1	1
DF 2048-UR	1	35	6	1	.2	3	1	41	.53	2	5	ND	1	1	1	2	2	1	.01	.001	2	4	.01	12	.01	2	.07	.01	.03	1	1410
DF 2049-UR	3	3	3	2	.1	2	2	204	1.39	2	5	ND	3	1	1	2	2	3	.01	.010	6	2	.01	34	.01	2	.23	.03	.09	1	4
DF 2050-UR	1	4	4	1	.3	3	1	36	.72	2	5	ND	1	1	1	2	2	1	.01	.003	2	5	.01	11	.01	2	.08	.01	.03	1	1090
DF 2151-UR	1	2	6	17	.4	1	2	1415	2.13	5	5	ND	3	228	1	2	2	7	10.76	.032	6	1	.93	32	.01	2	.23	.09	.03	1	15
DF 2152-UR	2	2	19	24	.5	3	3	3075	3.02	7	5	ND	2	668	1	2	3	11	26.07	.024	14	4	1.52	15	.01	2	.23	.10	.03	2	12
DF 2153-UR	2	1	24	20	.4	1	3	2569	2.58	5	5	ND	2	658	1	2	3	9	26.06	.027	11	2	1.03	35	.01	2	.24	.10	.03	2	7
DF 2154-UR	2	1	23	16	.4	3	2	2265	1.98	3	5	ND	1	650	1	2	4	8	25.00	.027	10	5	.72	24	.01	2	.23	.10	.04	1	9
DF 2155-UR	1	5	6	17	.2	5	5	729	2.26	7	5	ND	2	86	1	2	2	7	4.86	.030	6	4	1.37	35	.01	3	.34	.07	.14	1	70
DF 2156-UR	1	1	2	9	.2	1	2	1029	1.64	9	5	ND	2	49	1	2	2	3	3.32	.046	10	1	.58	52	.01	2	.24	.07	.11	1	31
DF 2157-UR	5	5	15	56	.3	1	1	643	1.26	8	5	ND	3	7	1	2	2	7	.28	.020	6	1	.28	31	.07	2	.61	.06	.10	1	2
DF 2158-UR	5	16	15	184	.3	2	1	646	1.17	5	5	ND	3	5	3	2	2	5	.23	.017	5	1	.22	49	.05	2	.53	.05	.11	1	1
DF 2159-UR	7	10	17	110	.2	2	1	649	1.23	4	5	ND	3	5	1	2	2	6	.22	.019	5	1	.26	56	.05	2	.57	.05	.10	1	1
STD C/AU-R	21	60	37	135	7.2	69	28	960	3.95	39	18	7	34	48	18	7	16	64	.48	.103	36	56	.88	179	.08	37	1.73	.09	.13	14	505

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DF 2160-UR	2	4	15	11	.5	2	6	425	1.77	63	5	3	2	7	1	2	2	3	.15	.026	7	3	.15	36	.01	2	.43	.02	.13	1	5690
DF 2161-UR	1	4	11	7	1.4	2	4	406	1.36	54	5	11	1	37	1	4	2	2	1.18	.020	4	2	.10	20	.01	2	.29	.04	.09	1	15600
DF 2162-UR	1	4	6	3	2.0	2	3	282	1.12	41	5	20	1	2	1	2	2	1	.03	.012	3	4	.04	15	.01	2	.18	.01	.06	1	24900
DF 2163-UR	2	6	3	34	.1	1	2	351	1.37	7	5	ND	2	18	1	2	2	4	2.03	.029	17	1	.27	153	.01	3	.69	.07	.17	1	57
DF 2165-UR	1	6	8	19	.2	2	5	217	1.57	2	5	ND	4	5	1	2	2	6	.11	.043	15	1	.02	303	.01	2	.32	.04	.17	1	36
DF 2166-UR	1	3	6	32	.2	1	4	461	1.80	2	5	ND	4	39	1	2	2	8	4.96	.043	13	1	.37	34	.01	3	.60	.07	.08	1	7
DF 2951-UR	2	3	4	24	.1	1	3	683	1.56	2	5	ND	4	19	1	2	2	5	1.24	.035	13	1	.24	107	.01	3	.36	.07	.11	1	5
DF 2952-UR	1	14	5	48	.1	2	3	630	1.38	3	5	ND	4	39	1	2	2	2	1.61	.044	12	3	.23	100	.01	3	.29	.05	.22	1	3
DF 2953-UR	1	7	3	6	.1	2	2	44	1.40	4	5	ND	3	2	1	2	2	4	.08	.039	10	4	.04	87	.01	3	.25	.02	.14	1	5
DF 2954-UR	1	28	9	6	.1	1	1	49	1.35	5	5	ND	4	3	1	2	2	3	.07	.045	10	3	.04	74	.01	3	.32	.03	.16	1	26
DF 2955-UR	1	6	6	3	.2	2	3	58	1.27	6	5	ND	4	2	1	2	2	3	.06	.041	7	3	.02	61	.01	4	.28	.02	.15	1	15
DF 2956-UR	1	4	10	28	.1	3	4	164	1.91	2	5	ND	2	2	1	2	2	9	.02	.008	7	5	.34	55	.01	3	.82	.05	.13	1	62
DF 2957-UR	1	11	8	9	.1	2	2	68	1.39	6	5	ND	5	1	1	3	2	4	.03	.036	23	1	.08	67	.01	2	.45	.02	.18	1	20
DF 2958-UR	1	5	3	10	.1	2	3	224	1.51	2	5	ND	5	2	1	2	2	6	.05	.032	14	1	.08	43	.01	2	.34	.03	.11	1	34
DF 2959-UR	1	9	2	18	.1	2	3	194	1.56	3	5	ND	4	2	1	2	2	6	.04	.034	13	1	.18	49	.01	3	.54	.03	.14	1	185
DF 2960-UR	1	11	5	14	.1	1	4	645	2.08	3	5	ND	5	2	1	2	2	6	.06	.028	10	1	.03	63	.01	3	.32	.02	.10	1	20
DF 2961-UR	1	18	11	4	.1	2	1	58	1.41	8	5	ND	5	2	1	2	2	4	.04	.044	11	2	.03	68	.01	3	.29	.03	.14	1	17
DF 2962-UR	1	15	5	2	.1	1	1	41	1.30	15	5	ND	11	2	1	2	2	3	.05	.053	22	3	.01	44	.01	4	.26	.04	.13	1	2
DF 2963-UR	1	12	5	2	.1	1	1	26	1.34	9	5	ND	9	2	1	3	2	2	.04	.046	11	2	.01	51	.01	2	.25	.03	.15	1	1
DF 2964-UR	2	88	18	167	.5	6	13	874	5.08	24	5	ND	2	20	1	2	2	77	.95	.074	4	5	1.39	108	.27	6	2.07	.12	.09	1	1
DF 2965-UR	1	15	9	63	.2	9	13	580	5.77	15	5	ND	3	5	1	2	2	87	.19	.080	11	11	1.47	7	.08	2	1.97	.07	.03	1	26
DF 2966-UR	1	4	20	21	.2	1	3	435	1.29	10	5	ND	2	432	1	2	2	3	9.74	.030	2	4	.28	19	.01	2	.15	.08	.06	1	49
DF 2967-UR	1	5	6	19	.3	1	2	426	1.16	5	5	ND	7	45	1	2	2	5	1.32	.021	32	1	.24	57	.01	3	.26	.06	.12	1	210
DF 2968-UR	1	2	4	29	.1	1	3	694	1.71	2	5	ND	4	7	1	2	2	3	1.07	.037	12	1	.04	59	.01	3	.30	.05	.16	1	11
DF 2969-UR	1	3	8	44	.3	2	5	612	2.11	6	5	ND	3	32	1	2	2	2	1.74	.041	8	1	.33	53	.01	2	.24	.05	.16	2	660
DF 2970-UR	1	2	7	33	.1	1	4	546	1.77	4	5	ND	4	34	1	2	2	4	1.55	.043	9	1	.41	37	.01	2	.27	.06	.13	1	15
DF 2971-UR	1	3	5	24	.2	1	3	536	1.42	3	5	ND	4	33	1	2	2	4	1.59	.038	11	1	.29	41	.01	3	.26	.06	.13	1	23
DF 2972-UR	1	3	11	46	.6	1	4	480	1.70	5	5	ND	3	26	1	2	2	2	1.27	.035	6	1	.23	38	.01	3	.18	.05	.11	1	360
DF 2973-UR	1	3	94	124	.3	2	4	429	1.71	9	5	ND	3	29	1	2	2	3	1.35	.038	7	1	.26	41	.01	2	.22	.06	.13	1	445
DF 2974-UR	1	3	8	68	.2	2	4	541	1.83	5	5	ND	3	35	1	2	2	2	1.85	.042	10	1	.40	54	.01	3	.26	.05	.17	1	34
DF 2975-UR	1	3	25	50	.4	2	4	452	1.78	9	5	ND	3	40	1	2	2	3	2.10	.041	7	1	.34	41	.01	2	.22	.05	.15	1	650
DF 2976-UR	1	4	8	17	.1	2	1	207	.95	2	5	ND	1	14	1	2	2	6	.22	.011	5	1	.22	165	.12	3	.57	.05	.09	1	67
DF 2977-UR	1	89	18	138	.6	71	26	1227	9.31	18	5	ND	1	12	1	2	2	252	1.17	.077	4	122	3.55	7	.62	2	3.83	.08	.01	1	45
DF 2978-UR	10	3	7	3	.1	2	1	50	.69	4	5	ND	6	2	1	2	2	2	.02	.011	16	4	.02	29	.01	3	.19	.04	.10	1	68
DF 2979-UR	13	4	8	4	.1	2	1	46	.64	4	5	ND	6	3	1	2	2	4	.03	.012	17	5	.04	33	.01	5	.27	.04	.11	1	58
DF 2980-UR	1	2	12	11	.1	1	1	70	.27	2	5	ND	1	1	1	2	2	1	.01	.002	2	2	.01	2	.01	2	.02	.01	.01	48	36
DF 2981-UR	2	5	9	21	.2	3	3	182	1.81	4	5	ND	4	2	1	2	3	2	.02	.020	11	1	.02	32	.01	3	.23	.03	.10	1	55
STD C/AU-R	21	62	41	135	7.0	68	29	989	3.97	39	19	7	35	50	19	16	20	65	.48	.106	37	57	.88	187	.08	35	1.73	.10	.14	13	515

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
DF 2982-UP	1	75	2	2	.3	2	1	50	.83	2	5	ND	1	1	1	2	2	1	.01	.003	2	5	.01	8	.01	5	.04	.01	.02	1	495
DF 2983-UR	1	66	2	1	.2	2	1	68	.51	2	5	ND	1	1	1	2	2	1	.01	.002	2	2	.01	8	.01	5	.05	.01	.02	1	38
JS 2901-UR	4	162	2	138	.2	68	33	1012	6.96	18	5	ND	1	38	1	2	2	151	3.14	.053	4	79	3.41	7	.37	2	3.32	.08	.01	1	3
JS 2902-UR	1	5	2	33	.1	2	5	370	1.69	2	5	ND	4	7	1	2	2	12	.19	.028	6	2	.56	56	.01	3	.70	.04	.10	1	1
JS 2903-UR	1	339	2	53	.3	26	16	386	3.22	2	5	ND	1	30	1	2	2	99	1.58	.090	4	59	.78	5	.42	2	1.22	.07	.01	1	2
JS 2904-UR	1	5	3	37	.1	1	4	283	2.31	2	5	ND	4	8	1	2	2	15	.26	.037	7	2	.48	7	.13	4	.84	.09	.03	1	1
JS 2905-UR	1	3	2	2	.2	1	1	115	.18	6	5	ND	1	168	1	2	2	1	37.16	.006	2	4	2.32	3	.01	18	.03	.10	.01	2	1
JS 2906-UR	1	6	6	13	.2	5	3	436	1.13	43	5	ND	1	747	1	2	2	9	22.55	.014	2	4	.41	32	.01	13	.36	.07	.03	1	34
JS 2907-UR	6	157	6	64	.2	20	17	195	3.06	2	5	ND	1	24	1	2	2	111	6.29	.337	5	15	.62	2	.11	7	2.65	.08	.01	1	4
JS 2908-UR	1	12	2	37	.1	6	2	829	.65	34	5	ND	1	12	1	2	2	6	.57	.012	2	6	.12	10	.01	310	.45	.02	.02	3	103
JS 2909-UR	1	13	9	50	.3	10	4	765	1.29	34	5	ND	1	20	1	2	2	29	3.63	.068	6	23	.58	11	.07	17	2.14	.04	.03	4	5
JS 2910-UR	1	13	10	343	.2	18	7	490	.82	23	5	ND	1	21	2	2	2	19	4.64	.093	6	18	.14	4	.07	481	1.04	.04	.01	1	1
JS 2911-UR	1	4	2	11	.1	11	3	148	.91	3	5	ND	1	7	1	2	2	21	.73	.003	2	19	.40	4	.03	8	.43	.03	.01	1	1
JS 2912-UR	1	6	9	15	.2	8	10	210	7.38	2	5	ND	2	2	1	2	2	82	.13	.092	2	14	.87	23	.35	6	.88	.05	.13	1	1
JS 2913-UR	3	107	10	45	.3	30	16	802	5.43	14	5	ND	3	19	1	2	2	162	1.76	.231	9	67	2.28	12	.25	2	2.46	.08	.03	1	2
JS 2914-UR	2	1154	10	40	4.0	51	25	320	4.31	214	5	ND	1	56	1	2	2	16	1.41	.086	2	22	.15	3	.06	2	.58	.04	.02	1	245
JS 2915-UR	1	305	2	61	.5	35	15	563	2.55	2	5	ND	1	162	1	2	2	87	4.67	.047	2	25	1.11	7	.63	4	1.59	.07	.02	1	5
JS 2916-UR	2	46	3	83	.2	14	17	1059	5.29	4	5	ND	1	11	1	2	2	151	2.76	.060	3	26	2.06	14	.22	3	3.42	.08	.03	1	6
JS 2917-UR	1	87	2	36	.2	30	12	554	3.18	2	5	ND	1	9	1	2	2	75	.68	.053	3	44	1.44	21	.18	3	1.61	.09	.06	2	9
JS 2918-UR	1	6	4	36	.1	1	6	445	2.50	2	5	ND	4	4	1	2	2	18	.16	.049	13	1	.70	26	.01	3	1.20	.06	.08	1	2
JS 2919-UR	1	3	6	44	.1	1	4	393	1.77	2	5	ND	4	22	1	2	2	11	1.26	.042	11	1	.44	52	.01	4	.82	.06	.16	2	1
JS 2920-UR	9	21	3	12	.1	2	6	540	1.70	2	5	ND	4	2	1	2	2	4	.04	.036	11	2	.02	38	.01	5	.25	.03	.09	1	1050
SB 2051-UR	1	2	2	8	.1	1	2	82	1.05	2	5	ND	2	1	1	4	2	5	.02	.011	8	3	.08	21	.01	5	.26	.03	.05	1	7
SB 2052-UR	1	6	3	2	.1	4	1	84	.68	2	5	ND	1	1	1	2	2	4	.02	.004	7	5	.02	40	.01	6	.17	.03	.09	1	1
SB 2053-UR	1	2	3	29	.1	2	3	245	2.02	2	5	ND	5	9	1	2	2	8	.31	.032	12	3	.33	31	.01	3	.77	.06	.07	1	2
SB 2054-UR	2	4	7	25	.1	3	4	135	2.97	2	5	ND	2	5	1	2	2	10	.06	.057	10	3	.30	18	.01	2	.71	.05	.06	2	4
SB 2055-UR	2	6	3	12	.2	3	4	229	2.12	9	5	ND	2	5	1	3	2	7	.03	.012	12	1	.02	36	.01	4	.43	.04	.12	1	635
SB 2056-UR	2	4	5	11	.1	3	2	91	1.31	4	5	ND	4	2	1	2	2	4	.03	.011	15	4	.02	33	.01	5	.23	.04	.10	1	32
SB 2057-UR	1	4	2	6	.1	3	1	74	.72	3	5	ND	1	1	1	2	2	5	.01	.004	6	6	.01	18	.01	5	.13	.01	.06	1	2
SB 2058-UR	2	3	8	31	.4	2	2	1306	2.31	2	5	2	1	92	1	2	2	5	5.61	.008	2	1	.89	26	.01	2	.09	.05	.04	1	325
SB 2059-UR	2	65	2	71	.2	45	19	844	4.72	17	5	ND	2	215	1	2	2	123	2.66	.067	4	51	1.94	12	.43	3	2.98	.06	.01	1	2
SB 2060-UR	1	38	3	68	.2	45	19	785	6.02	2	5	ND	1	10	1	2	2	176	1.31	.054	2	86	2.21	10	.41	2	2.75	.08	.03	1	1
SB 2061-UR	14	9	5	3	.2	2	1	114	.60	3	5	ND	6	9	1	2	2	3	.26	.006	15	5	.03	29	.01	7	.21	.03	.09	1	1
SB 2062-UR	3	5	6	5	.2	1	2	144	.84	2	5	ND	6	2	1	2	2	3	.03	.008	20	4	.03	30	.01	5	.30	.04	.10	1	16
SB 2063-UR	1	4	6	45	.1	2	5	721	2.47	2	5	ND	3	10	1	2	2	15	.63	.045	12	2	.64	37	.01	3	1.02	.07	.10	1	2
SB 2064-UR	6	4	26	5	.1	2	1	160	.64	2	5	ND	2	2	1	2	3	1	.02	.006	6	4	.01	20	.01	6	.23	.02	.05	1	1
STD C/AU-R	23	61	43	139	7.3	70	29	980	3.96	42	16	8	35	49	18	16	19	65	.48	.107	37	57	.88	184	.08	36	1.73	.09	.14	13	485

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
SB 2065-UR	4	7	6	7	.1	2	1	150	.68	6	5	ND	5	20	1	2	2	1	.71	.010	9	2	.03	32	.01	5	.22	.05	.09	1	107
SB 2066-UR	1	7	5	61	.1	3	8	754	3.38	2	5	ND	3	18	1	2	2	44	1.21	.044	5	4	1.05	36	.01	2	1.40	.08	.07	1	8
SB 2067-UR	2	4	4	8	.1	1	1	267	.66	5	5	ND	5	69	1	2	2	1	2.11	.007	9	3	.02	26	.01	2	.20	.06	.08	1	3
SB 2068-UR	2	26	4	25	.1	3	3	346	1.80	4	5	ND	4	4	1	2	2	13	.09	.032	11	3	.38	12	.01	2	.72	.08	.06	1	1
SB 2069-UR	2	47	4	79	.2	5	14	1195	4.90	2	5	ND	1	34	1	2	2	48	1.88	.056	6	1	1.06	72	.01	2	2.03	.07	.14	1	1
SB 2070-UR	1	6	2	44	.1	1	3	542	1.58	2	5	ND	3	17	1	2	2	5	1.39	.032	10	3	.23	50	.01	2	.60	.06	.14	1	1
SB 2071-UR	1	2	4	2	.1	1	1	198	.31	2	5	ND	7	2	1	2	2	1	.02	.001	14	2	.01	23	.01	2	.16	.04	.07	1	3
SB 2072-UR	2	2	2	9	.1	2	1	122	1.62	2	5	ND	3	2	1	2	2	3	.04	.021	10	1	.02	28	.01	2	.29	.02	.11	1	1
SB 2073-UR	1	3	4	26	.1	2	3	780	1.81	2	5	ND	4	9	1	2	2	5	.58	.039	11	2	.25	52	.01	2	.44	.05	.11	1	1
SB 2074-UR	1	49	3	28	.1	2	2	106	1.51	6	5	ND	3	2	1	3	2	7	.05	.030	9	1	.02	37	.01	2	.23	.04	.10	1	1
STD C/AU-R	21	59	39	129	6.9	68	28	952	3.96	42	18	7	32	45	17	15	20	60	.48	.100	38	58	.88	168	.08	37	1.73	.08	.12	13	505

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:(604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED DEC 18 1986

DATE REPORTS MAILED Dec 24/86

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOILS -80 MESH P = Pulverized
Au* - 10 GM,IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER D Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

HIGH D'OR DEVELOPMENTS PROJECT BC-04 FILE# 86-4018 PAGE# 1

SAMPLE	Au* ppb
8+00W 3+60N	3
8+00W 3+50N	9
8+00W 3+40N	7
8+00W 3+30N	1
8+00W 3+20N	1
8+00W 3+10N	3
8+00W 3+00N	2
8+00W 2+90N	8
8+00W 2+80N	26
8+00W 2+70N	1
8+00W 2+60N	1
8+00W 2+50N	9
8+00W 2+40N	7
8+00W 2+30N	4
8+00W 2+20N	3
8+00W 2+10N	29
8+00W 2+00N	15
8+00W 1+90N	6
8+00W 1+80N	2
8+00W 1+70N	1
8+00W 1+50N	1
8+00W 1+40N	1
8+00W 1+30N	7
8+00W 1+20N	59
8+00W 1+10N	3
8+00W 1+00N	1
8+00W 0+90N	1
7+50W 3+60N	1
7+50W 3+50N	36
7+50W 3+40N	5
7+50W 3+30N	6
7+50W 3+20N	65
7+50W 3+10N	7
7+50W 3+00N	29
7+50W 2+90N	2
7+50W 2+80N	28

SAMPLE	Au* ppb
7+50W 2+70N	2
7+50W 2+60N	14
7+50W 2+50N	15
7+50W 2+40N	7
7+50W 2+30N	1
7+50W 2+10N	25
7+50W 2+00N	18
7+50W 1+90N	19
7+50W 1+80N	1
7+50W 1+70N	1
7+50W 1+60N	2
7+50W 1+50N	1
7+50W 1+40N	1
7+50W 1+30N	2
7+50W 1+20N	1
7+50W 1+10N	1
7+50W 1+00N	1
7+50W 0+90N	2
7+50W 0+80N	1
7+00W 3+60N	3
7+00W 3+50N	8
7+00W 3+40N	1
7+00W 3+30N	4
7+00W 3+20N	30
7+00W 3+10N	19
7+00W 3+00N	14
7+00W 2+90N	5
7+00W 2+80N	1
7+00W 2+70N	1
7+00W 2+60N	2
7+00W 2+40N	1
7+00W 2+30N	70
7+00W 2+20N	1
7+00W 2+10N	6
7+00W 2+00N	1
7+00W 1+90N	1

SAMPLE	Au* ppb
7+00W 1+80N	26
7+00W 1+70N	2
7+00W 1+60N	6
7+00W 1+50N	1
7+00W 1+40N	1
7+00W 1+30N	1
7+00W 1+20N	3
7+00W 1+10N	1
7+00W 1+00N	7
7+00W 0+90N	1
7+00W 0+80N	1
7+00W 0+70N	1
7+00W 0+60N	89
6+50W 3+40N	35
6+50W 3+30N	23
6+50W 3+20N	2
6+50W 3+10N	3
6+50W 3+00N	4
6+50W 2+90N	59
6+50W 2+80N	5
6+50W 2+70N	1
6+50W 2+60N	1
6+50W 2+50N	2
6+50W 2+40N	1
6+50W 2+30N	1
6+50W 2+20N	23
6+50W 2+10N	5
6+50W 2+00N	3
6+50W 1+80N	29
6+50W 1+70N	7
6+50W 1+60N	27
6+50W 1+50N	21
6+50W 1+40N	15
6+50W 1+30N	1
6+50W 1+20N	1
6+50W 1+10N	1

SAMPLE	Au* ppb
6+50W 1+00N	2
6+50W 0+90N	295
6+00W 2+90N	9
6+00W 2+80N	12
6+00W 2+70N	11
6+00W 2+60N	10
6+00W 2+50N	5
6+00W 2+40N	1
6+00W 2+30N	265
6+00W 2+20N	3
6+00W 2+00N	59
6+00W 1+90N	31
6+00W 1+80N	2
6+00W 1+70N	3
6+00W 1+60N	26
6+00W 1+50N	5
6+00W 1+40N	195
6+00W 1+30N	9
6+00W 1+20N	17
6+00W 1+10N	2
6+00W 0+90N	2
6+00W 0+80N	7
6+00W 0+70N	1
6+00W 0+60N	4
6+00W 0+50N	1
6+00W 0+40N	2
6+00W 0+30N	1
6+00W 0+20N	1
6+00W 0+10N	1
6+00W 0+00BL	2
6+00W 0+10S	1
6+00W 0+20S	1
6+00W 0+30S	1
6+00W 0+40S	1
6+00W 0+50S	2
6+00W 0+60S	14

SAMPLE	Au* ppb
6+00W 0+70S	1
6+00W 0+80S	1
6+00W 0+90S	2
5+50W 3+00N	19
5+50W 2+90N	7
5+50W 2+80N	9
5+50W 2+70N	1
5+50W 2+60N	2
5+50W 2+50N	61
5+50W 2+40N	21
5+50W 2+30N	13
5+50W 2+20N	38
5+50W 2+10N	14
5+50W 2+00N	5
5+50W 1+90N	19
5+50W 1+80N	9
5+50W 1+70N	17
5+50W 1+60N	2
5+50W 1+50N	1
5+50W 1+40N	11
5+50W 1+30N	1
5+50W 1+20N	165
5+50W 1+10N	19
5+50W 1+00N	20
5+50W 0+90N	3
5+50W 0+80N	27
5+50W 0+70N	30
5+50W 0+60N	69
5+50W 0+50N	7
5+50W 0+40N	1
5+50W 0+30N	20
5+50W 0+20N	1
5+50W 0+10N	59
5+50W 0+00BL	1
5+50W 0+10S	1
5+50W 0+20S	1

SAMPLE	Au* ppb
5+50W 0+30S	1
5+50W 0+40S	1
5+50W 0+50S	1
5+50W 0+60S	1
5+50W 0+70S	1
5+50W 0+80S	1
5+50W 0+90S	1
5+00W 2+50N	22
5+00W 2+40N	5
5+00W 2+30N	49
5+00W 2+20N	1
5+00W 2+10N	1
5+00W 2+00N	5
5+00W 1+90N	2
5+00W 1+80N	6
5+00W 1+70N	7
5+00W 1+60N	97
5+00W 1+50N	11
5+00W 1+40N	14
5+00W 1+30N	5
5+00W 1+20N	1
5+00W 1+10N	3
5+00W 1+00N	1
5+00W 0+90N	1
5+00W 0+80N	4
5+00W 0+70N	1
5+00W 0+60N	1
5+00W 0+50N	1
5+00W 0+40N	1
5+00W 0+30N	1
5+00W 0+20N	1
5+00W 0+10N	1
5+00W 0+00BL.	1
5+00W 0+10S	1
5+00W 0+20S	1
5+00W 0+30S	1

SAMPLE	Au* ppb
5+00W 0+40S	12
5+00W 0+50S	4
5+00W 0+60S	13
5+00W 0+70S	5
5+00W 0+80S	15
5+00W 0+90S	13
5+00W 1+00S	2
5+00W 1+10S	3
4+50W 1+00N	12
4+50W 0+90N	7
4+50W 0+80N	17
4+50W 0+70N	20
4+50W 0+60N	26
4+50W 0+50N	18
4+50W 0+40N	36
4+50W 0+30N	15
4+50W 0+20N	4
4+50W 0+10N	28
4+50W 0+00BL	8
4+50W 0+10S	12
4+50W 0+20S	1
4+50W 0+30S	8
4+50W 0+40S	5
4+50W 0+50S	6
4+50W 0+60S	7
4+50W 0+70S	58
4+50W 0+80S	18
4+50W 0+90S	34
4+50W 1+00S	4
4+50W 1+10S	11
4+50W 1+20S	12
4+50W 1+30S	15
4+50W 1+40S	1
4+50W 1+50S	3
4+50W 1+60S	2
4+50W 1+70S	16

SAMPLE	Au* ppb
4+50W 1+80S	7
4+50W 1+90S	21
4+00W 0+80N	32
4+00W 0+70N	25
4+00W 0+60N	29
4+00W 0+50N	33
4+00W 0+40N	24
4+00W 0+30N	12
4+00W 0+20N	4
4+00W 0+10N	15
4+00W 0+00BL	8
4+00W 0+10S	5
4+00W 0+20S	9
4+00W 0+30S	6
4+00W 0+40S	1
4+00W 0+50S	7
4+00W 0+60S	8
4+00W 0+70S	3
4+00W 0+80S	7
4+00W 0+90S	9
4+00W 1+00S	1
3+50W 0+30N	28
3+50W 0+20N	12
3+50W 0+10N	8
3+50W 0+00BL	2
3+50W 0+10S	10
3+50W 0+20S	9
3+50W 0+30S	6
3+50W 0+40S	7
3+50W 0+50S	4
3+50W 0+60S	8
3+50W 0+70S	6
3+50W 0+80S	1
3+50W 0+90S	1
3+00W 0+40N	56
3+00W 0+30N	185

SAMPLE	Au* ppb
3+00W 0+20N	15
3+00W 0+10N	14
3+00W 0+00BL	250
3+00W 0+10S	9
3+00W 0+20S	4
3+00W 0+30S	1
3+00W 0+40S	21
3+00W 0+50S	10
3+00W 0+60S	1
3+00W 0+70S	3
3+00W 0+80S	1
2+50W 0+40N	1
2+50W 0+30N	25
2+50W 0+20N	8
2+50W 0+10N	119
2+50W 0+00BL	12
2+50W 0+00BLA	11
2+50W 0+10S	255
2+50W 0+10SA	95
2+50W 0+20S	155
2+50W 0+20SA	111
2+50W 0+30S	1
2+50W 0+30SA	850
2+50W 0+40S	6
2+50W 0+40SA	4
2+50W 0+50S	27
2+50W 0+50SA	3
2+50W 0+60S	1
2+50W 0+60SA	4
2+50W 0+70S	7
2+50W 0+80S	1
2+50W 0+80SA	1
2+50W 0+90S	1
2+50W 1+00S	1
2+50W 1+10S	1
2+50W 1+20S	1

SAMPLE	Au* ppb
2+50W 1+30S	2
2+50W 1+40S	9
2+25W 0+10N	177
2+25W 0+10S	11
2+25W 0+20S	83
2+25W 0+30S	102
2+25W 0+40S	35
2+25W 0+50S	69
2+25W 0+60S	10
2+25W 0+70S	3
2+25W 0+80S	6
2+25W 0+90S	4
2+25W 1+00S	5
2+25W 1+10S	4
2+25W 1+20S	10
2+00W 0+30N	19
2+00W 0+20N	20
2+00W 0+10N	51
2+00W 0+00BL	40
2+00W 0+10S	12
2+00W 0+20S	19
2+00W 0+30S	18
2+00W 0+40S	101
2+00W 0+50S	48
2+00W 0+60S	2
2+00W 0+70S	8
2+00W 0+80S	10
2+00W 0+90S	6
1+75W 0+00BL	35
1+75W 0+40S	31
1+75W 0+50S	5
1+75W 0+60S	6
1+75W 0+70S	1
1+75W 0+80S	53
1+75W 0+90S	5
1+75W 1+00S	15

SAMPLE	Au* ppb
1+50W 0+50S	5
1+50W 0+60S	7
1+00 0+40N	63
1+00 0+30N	143
1+00 0+20N	175
1+00 0+10N	121
1+00 0+00BL	119
1+00 0+10S	385
1+00 0+30S	22
1+00 0+40S	13
1+00 0+50S	6
1+00 0+60S	12
1+00 0+70S	2
1+00 0+80S	28
1+00 0+90S	3
1+00 1+00S	16
1+00 1+10S	7
1+00 1+20S	13
1+00 1+30S	4
1+00 1+40S	6
1+00 1+50S	12
1+00 1+60S	14
1+00 1+70S	9
0+25E 0+50N	90
0+25E 0+40N	61
0+25E 0+30N	46
0+25E 0+20N	10
0+25E 0+10N	52
0+25E 0+00BL	685
0+25E 0+10S	610
0+25E 0+20S	720
0+25E 0+30S	81
0+25E 0+40S	28
0+25E 0+50S	19
0+25E 0+60S	16
0+25E 0+70S	4

SAMPLE	Au* ppb
0+25E 0+80S	36
0+25E 0+90S	32
0+25E 1+00S	38
0+25E 1+10S	63
0+25E 1+20S	15
0+25E 1+30S	5
0+25E 1+40S	3
0+25E 1+50S	41
0+25E 1+60S	2
0+25E 1+80S	1
0+25E 1+90S	6
0+25E 2+00S	4
0+25E 2+25S	1
0+50E BL	69
0+50E 0+10S	5
0+50E 0+20S	20
0+50E 0+30S	2
0+50E 0+40S	1
0+50E 0+50S	34
0+50E 0+60S	40
0+50E 0+70S	26
0+50E 0+80S	53
0+50E 0+90S	39
0+50E 0+100S	92
0+50E 0+110S	5
0+50E 0+120S	1
0+50E 0+130S	1
0+50E 0+140S	8
0+50E 0+150S	10
0+50E 0+160S	57
0+50E 3+00S	2
0+75E 0+70S	46
0+75E 0+80S	31
0+75E 0+90S	29
0+75E 0+170S	2
0+75E 0+180S	7

SAMPLE	Au* ppb
0+75E 0+19OS	4
0+75E 0+20OS	1
0+75E 0+225S	28
0+75E 0+25OS	1
0+75E 0+275S	16
0+75E 0+3OOS	24
0+75E 1+00S	82
0+75E 1+10S	2
0+75E 1+20S	1
0+75E 1+30S	1
0+75E 1+40S	1
0+75E 1+50S	1
0+75E 1+60S	3
1+00E 0+00BL	6
1+00E 0+10N	12
1+00E 0+20N	17
1+00E 0+30N	6
1+00E 0+40N	8
1+25E 1+00N	121
1+25E 0+90N	12
1+25E 0+80N	30
1+25E 0+70N	45
1+25E 0+60N	45
1+25E 0+50N	17
1+25E 0+40N	13
1+25E 0+30N	31
1+25E 0+20N	11
1+25E 0+10N	3
1+25E 0+00BL	10
1+25E 0+20S	8
1+25E 0+30S	4
1+25E 0+40S	4
1+25E 0+50S	1
1+25E 0+60S	18
1+25E 0+70S	10
1+25E 0+80S	1

SAMPLE	Au* ppb
1+25E 0+90S	4
1+25E 1+00S	9
1+25E 1+10S	7
1+25E 1+20S	6
1+25E 1+30S	18
1+25E 1+40S	3
1+25E 1+50S	11
1+25E 1+60S	6
1+25E 1+70S	5
1+25E 1+80S	4
1+25E 1+90S	10
1+25E 2+00S	25
1+25E 2+25S	21
1+25E 2+50S	16
1+25E 2+75S	54
1+25E 3+00S	15
1+50E 1+00N	8
1+50E 0+90N	19
1+50E 0+80N	9
1+50E 0+70N	11
1+50E 0+60N	133
1+50E 0+50N	141
1+50E 0+40N	43
1+50E 0+30N	17
1+50E 0+20N	22
1+50E 0+10N	9
1+50E 0+00BL	28
1+50E 0+10S	8
1+50E 0+20S P	5
1+50E 0+30S	32
1+50E 0+50S	34
1+50E 0+60S P	7
1+50E 0+70S	16
1+50E 0+80S	10
1+50E 0+90S	8
1+50E 0+100S	165

SAMPLE	Au* ppb
1+50E 1+10S	1
1+50E 1+20S	185
1+50E 1+30S	2
1+50E 1+40S	1
1+50E 1+50S	1
1+50E 1+60S	1
1+50E 1+70S	2
1+50E 1+80S	1
1+50E 1+90S	1
1+50E 2+00S	1
1+50E 2+25S	17
1+50E 2+40S	1
1+50E 2+50S	3
1+50E 2+75S	16
1+75E 0+80N	13
1+75E 0+70N	10
1+75E 0+60N	1
1+75E 0+50N	185
1+75E 0+40N	1
1+75E 0+30N	6
1+75E 0+20N	1
1+75E 0+10N	53
1+75E 0+00	15
1+75E 0+10S	7
1+75E 0+20S	18
1+75E 0+30S	35
1+75E 0+40S	10
1+75E 0+50S	12
1+75E 0+60S	1
1+75E 0+70S	1
1+75E 0+80S	2
1+75E 0+90S	1
1+75E 1+00S	1
1+75E 1+10S	1
1+75E 1+20S	1
1+75E 1+30S	1

SAMPLE	Au* ppb
1+75E 1+40S	1
1+75E 1+50S	2
1+75E 1+60S	1
1+75E 1+70S	1
1+75E 1+80S	1
1+75E 1+90S	1
1+75E 2+00S	1
1+75E 2+25S	1
1+75E 2+50S	1
2+00E 0+80N	3
2+00E 0+70N	15
2+00E 0+60N	7
2+00E 0+50N	5
2+00E 0+40N	12
2+00E 0+30N	26
2+00E 0+20N	6
2+00E 0+10N	15
2+00E 0+00BL	26
2+00E 0+10S	2
2+00E 0+20S	60
2+00E 0+30S	1
2+00E 0+40S	15
2+00E 0+50S	14
2+00E 0+60S	2
2+00E 0+70S	18
2+00E 0+80S	15
2+00E 0+90S	4
2+00E 1+00S	17
2+00E 1+10S	7
2+00E 1+20S	24
2+00E 1+30S	52
2+00E 1+40S	1
2+00E 1+50S	3
2+00E 1+60S	1
2+00E 1+70S	2
2+00E 1+80S	1

SAMPLE	Au* ppb
2+00E 1+90S	34
2+00E 2+00S	2
2+00E 2+25S	9
2+00E 2+50S	1
2+00E 2+75S	4
2+00E 3+00S	11
2+25E 1+00N	62
2+25E 0+80N	36
2+25E 0+70N	17
2+25E 0+60N	30
2+25E 0+50N	43
2+25E 0+40N	153
2+25E 0+30N	26
2+25E 0+20N	33
2+25E 0+10N	31
2+25E 0+00BL	63
2+25E 0+10S	30
2+25E 0+20S	16
2+25E 0+30S	36
2+25E 0+40S	122
2+25E 0+50S	4
2+25E 0+60S	132
2+25E 0+70S	12
2+25E 0+80S	5
2+25E 0+90S	12
2+25E 1+00S	2
2+50E 0+90N	10
2+50E 0+80N	41
2+50E 0+70N	190
2+50E 0+60N	26
2+50E 0+50N	3
2+50E 0+40N	17
2+50E 0+30N	39
2+50E 0+20N	2
2+50E 0+10N	7
2+50E 0+00BL	27

SAMPLE	Au* ppb
2+50E 0+00BLA	55
2+50E 0+10S	127
2+50E 0+20S	20
2+50E 0+30S	1
2+50E 0+40S	1
2+50E 0+50S	6
2+50E 0+60S	1
2+50E 0+70S	1
2+50E 0+80S	32
2+50E 0+90S	3
2+75E 0+90N	25
2+75E 0+80N	6
2+75E 0+70N	11
2+75E 0+60N	15
2+75E 0+50N	1
2+75E 0+40N	18
2+75E 0+30N	1
2+75E 0+20N	1
2+75E 0+10N	1
2+75E 0+00BL	12
2+75E 0+10S P	1
2+75E 0+20S	34
2+75E 0+30S	11
2+75E 0+40S	2
2+75E 0+50S P	8
2+75E 0+60S	12
2+75E 0+70S	1
2+75E 0+80S	1
2+75E 0+90S	1
2+75E 1+00S	2
2+75E 1+10S	1
3+00E 0+70N	39
3+00E 0+60N	20
3+00E 0+50N	5
3+00E 0+40N	6
3+00E 0+30N	2

SAMPLE	Au* ppb
3+00E 0+20N	12
3+00E 0+10N	6
3+00E 0+00BL	8
3+00E 0+10S	205
3+00E 0+20S	195
3+00E 0+30S	2
3+00E 0+40S	1
3+00E 0+50S	11
3+00E 0+60S	25
3+00E 0+70S	3
3+00E 0+80S	14
3+00E 0+90S	2
3+00E 1+00S	2
3+25E 0+60N	1
3+25E 0+50N	5
3+25E 0+40N	1
3+25E 0+30N	8
3+25E 0+20N	13
3+25E 0+10N	22
3+25E 0+00BL	1
3+25E 0+20S	7
3+25E 0+30S	23
3+25E 0+40S	4
3+25E 0+50S	31
3+25E 0+60S	34
3+25E 0+70S	3
3+25E 0+80S	5
3+25E 0+90S	1
3+25E 1+00S	6
3+25E 1+10S	1
3+25E 1+20S	1
3+25E 1+30S	3
3+25E 1+40S	2
3+25E 1+50S	1
3+25E 1+60S	1
3+25E 1+70S	2

SAMPLE	Au* ppb
3+25E 1+80S	1
3+25E 1+90S	5
3+25E 2+00S	1
3+25E 2+25S	1
3+25E 2+50S	1
3+50E 0+60N	1
3+50E 0+50N	4
3+50E 0+40N	21
3+50E 0+30N	185
3+50E 0+20N	46
3+50E 0+10N	4
3+50E 0+00BL	132
3+50E 0+10S	28
3+50E 0+20S	5
3+50E 0+30S	10
3+50E 0+40S	8
3+50E 0+50S	1
3+50E 0+60S	2
3+50E 0+70S	5
3+50E 0+80S	13
3+50E 0+90S	22
3+50E 1+00S	15
3+50E 1+10S	5
3+50E 1+20S	58
3+50E 1+40S	1
3+50E 1+60S	7
3+50E 1+70S	2
3+50E 1+80S	1
3+50E 1+90S	1
3+50E 2+00S	1
3+50E 2+25S	1
3+50E 2+50S	3
3+50E 2+75S	1
3+50E 3+00S	12
3+75E 0+60N	22
3+75E 0+50N	1

SAMPLE	Au* ppb
3+75E 0+40N	7
3+75E 0+30N	10
3+75E 0+20N	1
3+75E 0+10N	1
3+75E 0+00S	3
3+75E 0+10S	885
3+75E 0+20S	18
3+75E 0+30S	12
3+75E 0+40S	8
3+75E 0+50S	1
3+75E 0+60S	13
3+75E 0+70S	51
3+75E 0+80S	12
3+75E 0+90S	4
3+75E 1+00S	10
3+75E 1+10S	11
3+75E 1+30S	4
3+75E 1+40S	7
3+75E 1+60S	5
3+75E 1+70S	15
3+75E 1+80S	2
4+00E 0+60N	8
4+00E 0+50N	7
4+00E 0+30N	120
4+00E 0+20N	3
4+00E 0+10N	132
4+00E 0+00BL	16
4+00E 0+30S	12
4+00E 0+40S	13
4+00E 0+50S	8
4+00E 0+60S	9
4+00E 0+70S	1
4+00E 0+80S	3
4+00E 0+90S	2
4+00E 1+00S	1
4+00E 1+10S	1010

SAMPLE	Au* ppb
4+00E 1+20S	14
4+00E 1+30S	14
4+00E 1+40S	4
4+00E 1+50S	20
4+00E 1+60S	44
4+00E 1+70S	1
4+00E 1+80S	7
8+00E 0+70N	10
8+00E 0+60N	4
8+00E 0+50N	1
8+00E 0+40N	1
8+00E 0+30N	10
8+00E 0+20N	11
8+00E 0+10N	27
8+50E 0+60N	102
8+50E 0+50N	3
8+50E 0+40N	3
8+50E 0+30N	1
8+50E 0+20N	1
8+50E 0+10N	5
8+50E 0+00N	1
9+00E 0+10N	2
9+00E 0+00BL	19
9+00E 0+10S	4
9+00E 0+30S	4
9+00E 0+40S	15
9+00E 0+50S	17
9+00E 0+60S	1
9+00E 0+70S	32
9+00E 0+80S	1
9+00E 0+90S	2
9+00E 1+00S	77
9+00E 1+10S	4
9+00E 1+20S	2
9+00E 1+20SA	20
9+00E 1+30S	1

SAMPLE	Au* ppb
9+50E 0+40N	9
9+50E 0+30N P	1
9+50E 0+20N	1
9+50E 0+10N	1
9+50E 0+00BL	56
9+50E 0+10S	27
9+50E 0+20S	5
9+50E 0+30S	4
9+50E 0+40S	11
9+50E 0+50S	1
9+50E 0+60S	8
9+50E 0+70S	4
9+50E 0+80S	1
9+50E 0+90S	1
9+50E 1+00S	1
9+50E 1+10S	6
9+50E 1+20S	5
9+50E 1+30S	1
9+50E 1+40S	4
9+50E 1+50S	17
9+50E 1+60S	8
9+50E 1+70S	9
9+50E 1+80S	44
9+50E 1+90S	21
9+50E 2+00S	1
9+50E 2+10S	1
9+50E 2+20S P	1
10+00E 0+40N	1
10+00E 0+20N	3
10+00E 0+10N	1
10+00E 0+00BL	29
10+00E 0+10S	1
10+00E 0+20S	1
10+00E 0+30S	1
10+00E 0+40S	1
10+00E 0+50S	1

SAMPLE	Au* ppb
10+00E 0+60S	14
10+00E 0+70S	1
10+00E 0+80S	1
10+00E 0+90S	53
10+00E 1+00S	4
10+00E 1+10S	1
10+00E 1+20S	1
10+00E 1+30S	1
10+00E 1+40S	1
10+00E 1+50S	1
10+00E 1+60S	2
10+00E 1+70S	1
10+00E 1+80S	2
10+00E 1+90S	1
10+00E 2+00S	3
10+00E 2+10S	1
10+00E 2+20S	2
10+00E 2+30S	1

SAMPLE	Au* ppb
DB-SS-001	8
DB-SS-002	20
DB-SS-003	14
DB-SS-004	16
DB-SS-005	95
DB-SS-006	33
DB-SS-007	34
DB-SS-008	30
DB-SS-009	14
DB-SS-010	1
DB-SS-011	7
DB-SS-012	15
DB-SS-013	6
DB-SS-014	2
DB-SS-015	65
DB-SS-016	118
DB-SS-017	27
DB-SS-018	144
DB-SS-019	22
DB-SS-020	16
DB-SS-021	19
DB-SS-022	27
DB-SS-023	18
DB-SS-024	21
DB-SS-025	9
DB-SS-026	2
DB-SS-027	21
DB-SS-028	6
DB-SS-029	15
DB-SS-030	1
DB-SS-031	9
DB-SS-032	1
DB-SS-033	22
DB-SS-034	2
DB-SS-035	32
DB-SS-036	3

SAMPLE	Au* ppb
DB-SS-037	1
DB-SS-038	1
DB-SS-039	1
DB-SS-040	1
DB-SS-041	2
DB-SS-042	1
DF-SS-003	56
DF-SS-004	7
DF-SS-005	1
DF-SS-006	3
DF-SS-007	1
DF-SS-008	4
DF-SS-009	1
DF-SS-010	1
DF-SS-011	380
DF-SS-012	12
DF-SS-013	9
DF-SS-014	2
DF-SS-015	8
DF-SS-016	10
DF-SS-017	4
DF-SS-018	38
DF-SS-019	51
DF-SS-020	27
DF-SS-021	9
DF-SS-022	32
DF-SS-023	20
DF-SS-024	6
DF-SS-025	144
DF-SS-026	230
DF-SS-029	148
DF-SS-030	11
DF-SS-031	72
DF-SS-032	34
DF-SS-033	2
DF-SS-034	20

SAMPLE	Au* ppb
DF-SS-035	9
DF-SS-036	2
DF-SS-037	3
JS-SS-001	4
JS-SS-002	19
JS-SS-003	3
JS-SS-004	12
JS-SS-005	15
JS-SS-006	13
JS-SS-007	25
JS-SS-008	11
JS-SS-009	7
JS-SS-010	2
JS-SS-011	6
JS-SS-012	1
JS-SS-013	4
JS-SS-014	2
JS-SS-015	6
JS-SS-016	9
JS-SS-017	6
JS-SS-018	9
JS-SS-019	1
JS-SS-020	1
JS-SS-021	4

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED DEC 23 1986

DATE REPORTS MAILED

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOILS -80 MESH P = Pulverized
Au* - 10 GM. IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER D. Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

HIGH D'OR DEVELOPMENT FILE# 86-4070

SAMPLE	Au* ppb
2+25W 0+00	5
2+20W 0+70N	1
2+20W 0+60N	12
1+75W 0+70N	6
1+75W 0+60N	4
1+75W 0+50N	28
1+75W 0+40N	16
1+50W 0+70N	11
1+50W 0+60N	4
1+50W 0+50N	5
1+50W 0+40N	21
1+50W 0+30N	7
1+25W 0+70N	11
1+25W 0+60N	48
1+25W 0+50N	22
1+25W 0+40N	192
1+25W 0+30N	126
1+25W 0+20N	8
1+25W 0+10N	6
1+00W 0+80N	1
1+00W 0+70N	1
1+00W 0+60N	1
1+00W 0+50N	29
1+00W 0+40N	4
1+00W 0+30N	3
1+00W 0+20N	25
1+00W 0+10N	54
1+00W 0+00	185
1+00W 0+10S	5
1+00W 0+20S	1
1+00W 0+30S	1
0+75W 0+50N	7
0+75W 0+40N	1
0+75W 0+30N	26
0+75W 0+20N	123
0+75W 0+10N	108

SAMPLE	Au* ppb
0+75W 0+00	82
0+75W 0+10S	1
0+75W 0+20S	2
0+75W 0+30S	33
0+75W 0+40S	3
0+75W 0+50S	120
0+75W 0+60S	1
0+75W 0+70S	9
0+75W 0+80S	3
0+75W 0+90S	2
0+50W 0+50N	1
0+50W 0+40N	45
0+50W 0+30N	113
0+50W 0+20N	107
0+50W 0+10N	190
0+50W 0+00	103
0+50W 0+10S	725
0+50W 0+20S	2
0+50W 0+30S	1
0+50W 0+40S	675
0+50W 0+50S	4
0+50W 0+60S	5
0+50W 0+70S	3
0+50W 0+80S	2
0+50W 0+90S	3
0+50W 1+00S	7
0+50W 1+10S	1
0+50W 1+20S	1
0+50W 1+30S	1
0+50W 1+40S	5
0+25W 0+40N	35
0+25W 0+30N	8
0+25W 0+20N	36
0+25W 0+10N	20
0+25W 0+00	37
0+25W 0+10S	124

SAMPLE	Au* ppb
0+25W 0+20S	5
0+25W 0+30S	8
0+25W 0+40S	3
0+25W 0+50S	12
0+25W 0+60S	7
0+25W 0+70S	11
0+25W 0+80S	45
0+25W 0+90S	6
0+25W 1+00S	2
0+25W 1+10S	30
0+25W 1+20S	1
0+25W 1+30S	5
0+25W 1+40S	1
0+50E 0+60N	16
0+50E 0+50N	1090
0+50E 0+40N	27
0+50E 0+30N	88
0+50E 0+20N	16
0+50E 0+10N	37
0+75E 0+70N	5
0+75E 0+60N	48
0+75E 0+50N	615
0+75E 0+40N	24
0+75E 0+30N	39
0+75E 0+20N	2
0+75E 0+10N	1
0+75E 0+00	1
0+75E 0+10S	3
0+75E 0+20S	10
0+75E 0+30S	101
0+75E 0+40S	6
0+75E 0+50S	9
0+75E 0+60S	155
1+00E 0+80N	4
1+00E 0+70N	5
1+00E 0+60N	48

SAMPLE	Au* ppb
1+00E 0+50N	1
1+00E 0+10S	415
1+00E 0+20S	5
1+00E 0+30S	26
1+00E 0+40S	5
1+00E 0+50S	21
1+00E 0+60S	7
1+00E 0+70S	2
1+00E 0+80S	1
1+00E 0+90S	15
1+00E 1+00S	735
1+00E 1+10S	1
1+00E 1+20S	1
1+00E 1+30S	3
1+00E 1+40S	1
1+00E 1+50S	2
1+00E 1+60S	2
1+00E 1+70S	1
1+00E 1+80S	1
1+00E 1+90S	8
1+00E 2+00S	1
1+00E 2+10S	1
1+00E 2+20S	1
1+00E 2+30S	1
1+00E 2+40S	5
1+00E 2+50S	1
1+00E 2+60S	9
1+00E 2+70S	34
1+00E 2+80S	16
1+00E 2+90S	4
1+00E 3+00S	13
4+50E 0+60N	47
4+50E 0+50N	11
4+50E 0+40N	560
4+50E 0+20N	1
4+50E 0+20N A	10

SAMPLE	Au* ppb
4+50E 0+10N	33
4+50E 0+10N A	1
4+50E 0+00	4
4+50E 0+10S	1
4+50E 0+20S	1
4+50E 0+30S	2
4+50E 0+40S	7
4+50E 0+50S	65
4+50E 0+60S	1
4+50E 0+70S	1
4+50E 0+80S	860
4+50E 0+90S	137
4+50E 1+00S	1
4+50E 1+10S	1
4+50E 1+20S	1
4+50E 1+30S	1
4+50E 1+40S	1
4+50E 1+50S	195
4+50E 1+60S	1
4+50E 1+70S	1
4+50E 1+80S	12
4+50E 1+90S	13
4+50E 2+00S	9
5+00E 0+60N	23
5+00E 0+50N	10
5+00E 0+40N	11
5+00E 0+30N	33
5+00E 0+20N	36
5+00E 0+10N	75
5+00E 0+00	2
5+00E 0+10S	1
5+00E 0+20S	1
5+00E 0+30S	1
5+00E 0+40S	8
5+00E 0+50S	4
5+00E 0+60S	2

SAMPLE	Au* ppb
5+00E 0+70S	1
5+00E 0+80S	14
5+00E 0+90S	3
5+00E 1+00S	2
5+00E 1+10S	1
5+00E 1+20S	1
5+00E 1+30S	1
5+00E 1+40S	32
5+00E 1+50S	16
5+00E 1+60S	4
5+00E 1+70S	9
5+00E 1+80S	1
5+00E 1+90S P	1
5+00E 2+00S	2
5+00E 2+10S	1
5+00E 2+20S	1
5+50E 0+70N	38
5+50E 0+60N	225
5+50E 0+50N	96
5+50E 0+40N	91
5+50E 0+30N	126
5+50E 0+20N	4
5+50E 0+10N	10
5+50E 0+00	46
5+50E 0+10S	28
5+50E 0+20S	10
5+50E 0+30S	29
5+50E 0+40S	22
5+50E 0+50S	33
5+50E 0+60S	1
5+50E 0+70S	11
5+50E 0+80S	3
5+50E 0+90S	12
5+50E 1+00S	1
5+50E 1+10S	10
5+50E 1+20S	4

SAMPLE	Au* ppb
5+50E 1+30S	3
5+50E 1+40S	1
5+50E 1+50S	28
5+50E 1+60S	1
5+50E 1+70S	3
5+50E 1+80S	1
5+50E 1+90S	2
5+50E 2+00S	1
5+50E 2+10S	1
5+50E 2+20S	3
6+00E 0+50N	1
6+00E 0+40N	20
6+00E 0+30N	820
6+00E 0+20N	150
6+00E 0+10N	3
6+00E 0+00	39
6+00E 0+10S	11
6+00E 0+20S	17
6+00E 0+30S	46
6+00E 0+40S	1
6+00E 0+50S	1
6+00E 0+60S	1
6+00E 0+70S	6
6+00E 0+80S	560
6+00E 0+90S	1
6+00E 1+00S	2
6+00E 1+10S	101
6+00E 1+20S	1
6+00E 1+30S	1
6+00E 1+40S	1
6+00E 1+50S	1
6+00E 1+60S	1
6+00E 1+70S	1
6+00E 1+80S	11
6+50E 0+50N	2

SAMPLE	Au* ppb
6+50E 0+40N	18
6+50E 0+30N	1
6+50E 0+20N	2
6+50E 0+10N	1
6+50E 0+00	3
6+50E 0+10S	1
6+50E 0+20S	6
6+50E 0+30S	43
6+50E 0+40S	5
6+50E 0+50S	1
6+50E 0+60S	1
6+50E 0+70S	3
6+50E 0+80S	1
6+50E 0+90S	1
6+50E 1+00S	9
6+50E 1+10S	1
6+50E 1+20S	1
6+50E 1+30S	1
6+50E 1+40S	1
6+50E 1+50S	10
7+00E 0+30N	1
7+00E 0+20N	1
7+00E 0+10N	2
7+00E 0+00	9
7+00E 0+10S	57
7+00E 0+20S	38
7+00E 0+30S	6
7+00E 0+40S	17
7+00E 0+50S	1
7+00E 0+60S	1
7+00E 0+70S	1
7+00E 0+80S	1
7+00E 0+90S	1
7+00E 1+00S	2
7+00E 1+10S	1
7+00E 1+20S	5

SAMPLE	Au* ppb
7+00E 1+30S	3
7+00E 1+40S	8
7+00E 1+60S	1
7+00E 1+70S	1
7+00E 1+80S	1
7+00E 1+90S	1
7+00E 2+00S	1
7+50E 0+40N	48
7+50E 0+30N	79
7+50E 0+20N	3
7+50E 0+10N	1
7+50E 0+00	4
7+50E 0+10S	1
7+50E 0+20S	1
7+50E 0+30S	1
7+50E 0+40S	1
7+50E 0+50S	1
7+50E 0+60S	1
7+50E 0+70S	26
7+50E 0+80S	1
7+50E 0+90S	1
7+50E 1+00S	1
7+50E 1+10S	1
7+50E 1+20S	1
7+50E 1+30S	1
7+50E 1+40S	1
7+50E 1+50S	2
7+50E 1+60S	3
7+50E 1+70S	1
7+50E 1+80S	1
7+50E 1+90S	1
7+50E 2+00S	1
8+00E 0+10S P	1
8+00E 0+20S P	2
8+00E 0+30S	1
8+00E 0+40S	290

SAMPLE	Au* ppb
8+00E 0+50S P	2
8+00E 0+60S	1
8+00E 0+70S	1
8+00E 0+80S	6
8+00E 0+90S	23
8+00E 1+00S	21
8+00E 1+10S	1
8+00E 1+20S	8
8+00E 1+30S	1
8+00E 1+40S	3
8+00E 1+50S	2
8+00E 1+60S	290
8+00E 1+70S	1
8+00E 1+90S	1
8+00E 2+00S	1
8+50E 0+10S	1
8+50E 0+20S	2
8+50E 0+30S	1
8+50E 0+40S	370
8+50E 0+50S	2
8+50E 0+60S	1
8+50E 0+70S	1
8+50E 0+80S	2
8+50E 0+90S	1
8+50E 1+00S	1
8+50E 1+10S	1
8+50E 1+20S	13
8+50E 1+30S	2
8+50E 1+40S	1
8+50E 1+50S	10
8+50E 1+60S	30
8+50E 1+70S	1
8+50E 1+80S	2
8+50E 1+90S	1
8+50E 2+00S	1
9+00E 1+40S	4

SAMPLE	Au* ppb
9+00E 1+50S	3
9+00E 1+60S	89
9+00E 1+70S	19
9+00E 1+80S	30
9+00E 1+90S	35
9+00E 2+00S	12

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED DEC 23 1986

DATE REPORTS MAILED Jan 5/86

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOILS -80 MESH P = Pulverized
Au* - 10 GM. IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER: D Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

HIGH D'OR DEVELOPMENT FILE# 86-4070 PAGE# 1

SAMPLE	Au* ppb
2+25W 0+00	5
2+20W 0+70N	1
2+20W 0+60N	12
1+75W 0+70N	6
1+75W 0+60N	4
1+75W 0+50N	28
1+75W 0+40N	16
1+50W 0+70N	11
1+50W 0+60N	4
1+50W 0+50N	5
1+50W 0+40N	21
1+50W 0+30N	7
1+25W 0+70N	11
1+25W 0+60N	48
1+25W 0+50N	22
1+25W 0+40N	192
1+25W 0+30N	126
1+25W 0+20N	8
1+25W 0+10N	6
1+00W 0+80N	1
1+00W 0+70N	1
1+00W 0+60N	1
1+00W 0+50N	29
1+00W 0+40N	4
1+00W 0+30N	3
1+00W 0+20N	25
1+00W 0+10N	54
1+00W 0+00	185
1+00W 0+10S	5
1+00W 0+20S	1
1+00W 0+30S	1
0+75W 0+50N	7
0+75W 0+40N	1
0+75W 0+30N	26
0+75W 0+20N	123
0+75W 0+10N	108

SAMPLE	Au* ppb
0+75W 0+00	82
0+75W 0+10S	1
0+75W 0+20S	2
0+75W 0+30S	33
0+75W 0+40S	3
0+75W 0+50S	120
0+75W 0+60S	1
0+75W 0+70S	9
0+75W 0+80S	3
0+75W 0+90S	2
0+50W 0+50N	1
0+50W 0+40N	45
0+50W 0+30N	113
0+50W 0+20N	107
0+50W 0+10N	190
0+50W 0+00	103
0+50W 0+10S	725
0+50W 0+20S	2
0+50W 0+30S	1
0+50W 0+40S	675
0+50W 0+50S	4
0+50W 0+60S	5
0+50W 0+70S	3
0+50W 0+80S	2
0+50W 0+90S	3
0+50W 1+00S	7
0+50W 1+10S	1
0+50W 1+20S	1
0+50W 1+30S	1
0+50W 1+40S	5
0+25W 0+40N	35
0+25W 0+30N	8
0+25W 0+20N	35
0+25W 0+10N	20
0+25W 0+00	37
0+25W 0+10S	124

SAMPLE	Au* ppb
0+25W 0+20S	5
0+25W 0+30S	8
0+25W 0+40S	3
0+25W 0+50S	12
0+25W 0+60S	7
0+25W 0+70S	11
0+25W 0+80S	45
0+25W 0+90S	6
0+25W 1+00S	2
0+25W 1+10S	30
0+25W 1+20S	1
0+25W 1+30S	5
0+25W 1+40S	1
0+50E 0+60N	16
0+50E 0+50N	1090
0+50E 0+40N	27
0+50E 0+30N	88
0+50E 0+20N	16
0+50E 0+10N	37
0+75E 0+70N	5
0+75E 0+60N	48
0+75E 0+50N	615
0+75E 0+40N	24
0+75E 0+30N	39
0+75E 0+20N	2
0+75E 0+10N	1
0+75E 0+00	1
0+75E 0+10S	3
0+75E 0+20S	10
0+75E 0+30S	101
0+75E 0+40S	6
0+75E 0+50S	9
0+75E 0+60S	155
1+00E 0+80N	4
1+00E 0+70N	5
1+00E 0+60N	48

SAMPLE	Au* ppb
1+00E 0+50N	1
1+00E 0+10S	415
1+00E 0+20S	5
1+00E 0+30S	26
1+00E 0+40S	5
1+00E 0+50S	21
1+00E 0+60S	7
1+00E 0+70S	2
1+00E 0+80S	1
1+00E 0+90S	15
1+00E 1+00S	735
1+00E 1+10S	1
1+00E 1+20S	1
1+00E 1+30S	3
1+00E 1+40S	1
1+00E 1+50S	2
1+00E 1+60S	2
1+00E 1+70S	1
1+00E 1+80S	1
1+00E 1+90S	8
1+00E 2+00S	1
1+00E 2+10S	1
1+00E 2+20S	1
1+00E 2+30S	1
1+00E 2+40S	5
1+00E 2+50S	1
1+00E 2+60S	9
1+00E 2+70S	34
1+00E 2+80S	16
1+00E 2+90S	4
1+00E 3+00S	13
4+50E 0+60N	47
4+50E 0+50N	11
4+50E 0+40N	560
4+50E 0+20N	1
4+50E 0+20N A	10

SAMPLE	Au* ppb
4+50E 0+10N	33
4+50E 0+10N A	1
4+50E 0+00	4
4+50E 0+10S	1
4+50E 0+20S	1
4+50E 0+30S	2
4+50E 0+40S	7
4+50E 0+50S	65
4+50E 0+60S	1
4+50E 0+70S	1
4+50E 0+80S	860
4+50E 0+90S	137
4+50E 1+00S	1
4+50E 1+10S	1
4+50E 1+20S	1
4+50E 1+30S	1
4+50E 1+40S	1
4+50E 1+50S	195
4+50E 1+60S	1
4+50E 1+70S	1
4+50E 1+80S	12
4+50E 1+90S	13
4+50E 2+00S	9
5+00E 0+60N	23
5+00E 0+50N	10
5+00E 0+40N	11
5+00E 0+30N	33
5+00E 0+20N	36
5+00E 0+10N	75
5+00E 0+00	2
5+00E 0+10S	1
5+00E 0+20S	1
5+00E 0+30S	1
5+00E 0+40S	8
5+00E 0+50S	4
5+00E 0+60S	2

SAMPLE	Au* ppb
5+00E 0+70S	1
5+00E 0+80S	14
5+00E 0+90S	3
5+00E 1+00S	2
5+00E 1+10S	1
5+00E 1+20S	1
5+00E 1+30S	1
5+00E 1+40S	32
5+00E 1+50S	16
5+00E 1+60S	4
5+00E 1+70S	9
5+00E 1+80S	1
5+00E 1+90S P	1
5+00E 2+00S	2
5+00E 2+10S	1
5+00E 2+20S	1
5+50E 0+70N	38
5+50E 0+60N	225
5+50E 0+50N	96
5+50E 0+40N	91
5+50E 0+30N	126
5+50E 0+20N	4
5+50E 0+10N	10
5+50E 0+00	46
5+50E 0+10S	28
5+50E 0+20S	10
5+50E 0+30S	29
5+50E 0+40S	22
5+50E 0+50S	33
5+50E 0+60S	1
5+50E 0+70S	11
5+50E 0+80S	3
5+50E 0+90S	12
5+50E 1+00S	1
5+50E 1+10S	10
5+50E 1+20S	4

SAMPLE	Au* ppb
5+50E 1+30S	3
5+50E 1+40S	1
5+50E 1+50S	28
5+50E 1+60S	1
5+50E 1+70S	3
5+50E 1+80S	1
5+50E 1+90S	2
5+50E 2+00S	1
5+50E 2+10S	1
5+50E 2+20S	3
6+00E 0+50N	1
6+00E 0+40N	20
6+00E 0+30N	820
6+00E 0+20N	150
6+00E 0+10N	3
6+00E 0+00	39
6+00E 0+10S	11
6+00E 0+20S	17
6+00E 0+30S	46
6+00E 0+40S	1
6+00E 0+50S	1
6+00E 0+60S	1
6+00E 0+70S	6
6+00E 0+80S	560
6+00E 0+90S	1
6+00E 1+00S	2
6+00E 1+10S	101
6+00E 1+20S	1
6+00E 1+30S	1
6+00E 1+40S	1
6+00E 1+50S	1
6+00E 1+60S	1
6+00E 1+70S	1
6+00E 1+80S	11
6+50E 0+50N	2

SAMPLE	Au* ppb
6+50E 0+40N	18
6+50E 0+30N	1
6+50E 0+20N	2
6+50E 0+10N	1
6+50E 0+00	3
6+50E 0+10S	1
6+50E 0+20S	6
6+50E 0+30S	43
6+50E 0+40S	5
6+50E 0+50S	1
6+50E 0+60S	1
6+50E 0+70S	3
6+50E 0+80S	1
6+50E 0+90S	1
6+50E 1+00S	9
6+50E 1+10S	1
6+50E 1+20S	1
6+50E 1+30S	1
6+50E 1+40S	1
6+50E 1+50S	10
7+00E 0+30N	1
7+00E 0+20N	1
7+00E 0+10N	2
7+00E 0+00	9
7+00E 0+10S	57
7+00E 0+20S	38
7+00E 0+30S	6
7+00E 0+40S	17
7+00E 0+50S	1
7+00E 0+60S	1
7+00E 0+70S	1
7+00E 0+80S	1
7+00E 0+90S	1
7+00E 1+00S	2
7+00E 1+10S	1
7+00E 1+20S	5

SAMPLE	Au* ppb
7+00E 1+30S	3
7+00E 1+40S	8
7+00E 1+60S	1
7+00E 1+70S	1
7+00E 1+80S	1
7+00E 1+90S	1
7+00E 2+00S	1
7+50E 0+40N	48
7+50E 0+30N	79
7+50E 0+20N	3
7+50E 0+10N	1
7+50E 0+00	4
7+50E 0+10S	1
7+50E 0+20S	1
7+50E 0+30S	1
7+50E 0+40S	1
7+50E 0+50S	1
7+50E 0+60S	1
7+50E 0+70S	26
7+50E 0+80S	1
7+50E 0+90S	1
7+50E 1+00S	1
7+50E 1+10S	1
7+50E 1+20S	1
7+50E 1+30S	1
7+50E 1+40S	1
7+50E 1+50S	2
7+50E 1+60S	3
7+50E 1+70S	1
7+50E 1+80S	1
7+50E 1+90S	1
7+50E 2+00S	1
8+00E 0+10S P	1
8+00E 0+20S P	2
8+00E 0+30S	1
8+00E 0+40S	290

SAMPLE	Au* ppb
8+00E 0+50S P	2
8+00E 0+60S	1
8+00E 0+70S	1
8+00E 0+80S	6
8+00E 0+90S	23
8+00E 1+00S	21
8+00E 1+10S	1
8+00E 1+20S	8
8+00E 1+30S	1
8+00E 1+40S	3
8+00E 1+50S	2
8+00E 1+60S	290
8+00E 1+70S	1
8+00E 1+90S	1
8+00E 2+00S	1
8+50E 0+10S	1
8+50E 0+20S	2
8+50E 0+30S	1
8+50E 0+40S	370
8+50E 0+50S	2
8+50E 0+60S	1
8+50E 0+70S	1
8+50E 0+80S	2
8+50E 0+90S	1
8+50E 1+00S	1
8+50E 1+10S	1
8+50E 1+20S	13
8+50E 1+30S	2
8+50E 1+40S	1
8+50E 1+50S	10
8+50E 1+60S	30
8+50E 1+70S	1
8+50E 1+80S	2
8+50E 1+90S	1
8+50E 2+00S	1
9+00E 1+40S	4

SAMPLE	Au* ppb
9+00E 1+50S	3
9+00E 1+60S	89
9+00E 1+70S	19
9+00E 1+80S	30
9+00E 1+90S	35
9+00E 2+00S	12

ACME ANALYTICAL LABORATORIES LTD.
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DATE RECEIVED DEC 18 1986

DATE REPORTS MAILED Dec 24/86

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SILTS SOILS -80 MESH P = Pulverized
Au* - 10 GM,IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER D Toye DEAN TOYE , CERTIFIED B.C. ASSAYER

HIGH D'OR DEVELOPMENTS PROJECT BC-04 FILE# 86-4018 PAGE# 1

SAMPLE	Au* ppb
8+00W 3+60N	3
8+00W 3+50N	9
8+00W 3+40N	7
8+00W 3+30N	1
8+00W 3+20N	1
8+00W 3+10N	3
8+00W 3+00N	2
8+00W 2+90N	8
8+00W 2+80N	26
8+00W 2+70N	1
8+00W 2+60N	1
8+00W 2+50N	9
8+00W 2+40N	7
8+00W 2+30N	4
8+00W 2+20N	3
8+00W 2+10N	29
8+00W 2+00N	15
8+00W 1+90N	6
8+00W 1+80N	2
8+00W 1+70N	1
8+00W 1+50N	1
8+00W 1+40N	1
8+00W 1+30N	7
8+00W 1+20N	59
8+00W 1+10N	3
8+00W 1+00N	1
8+00W 0+90N	1
7+50W 3+60N	1
7+50W 3+50N	36
7+50W 3+40N	5
7+50W 3+30N	6
7+50W 3+20N	65
7+50W 3+10N	7
7+50W 3+00N	29
7+50W 2+90N	2
7+50W 2+80N	28

$\sigma = 93.5$
$\bar{X} = 28.6$

SAMPLE	Au* ppb
7+50W 2+70N	2
7+50W 2+60N	14
7+50W 2+50N	15
7+50W 2+40N	7
7+50W 2+30N	1
7+50W 2+10N	25
7+50W 2+00N	18
7+50W 1+90N	19
7+50W 1+80N	1
7+50W 1+70N	1
7+50W 1+60N	2
7+50W 1+50N	1
7+50W 1+40N	1
7+50W 1+30N	2
7+50W 1+20N	1
7+50W 1+10N	1
7+50W 1+00N	1
7+50W 0+90N	2
7+50W 0+80N	1
7+00W 3+60N	3
7+00W 3+50N	8
7+00W 3+40N	1
7+00W 3+30N	4
7+00W 3+20N	30
7+00W 3+10N	19
7+00W 3+00N	14
7+00W 2+90N	5
7+00W 2+80N	1
7+00W 2+70N	1
7+00W 2+60N	2
7+00W 2+40N	1
7+00W 2+30N	70
7+00W 2+20N	1
7+00W 2+10N	6
7+00W 2+00N	1
7+00W 1+90N	1

T=602

SAMPLE	Au* ppb
7+00W 1+80N	26
7+00W 1+70N	2
7+00W 1+60N	6
7+00W 1+50N	1
7+00W 1+40N	1
7+00W 1+30N	1
7+00W 1+20N	3
7+00W 1+10N	1
7+00W 1+00N	7
7+00W 0+90N	1
7+00W 0+80N	1
7+00W 0+70N	1
7+00W 0+60N	89
6+50W 3+40N	35
6+50W 3+30N	23
6+50W 3+20N	2
6+50W 3+10N	3
6+50W 3+00N	4
6+50W 2+90N	59
6+50W 2+80N	5
6+50W 2+70N	1
6+50W 2+60N	1
6+50W 2+50N	2
6+50W 2+40N	1
6+50W 2+30N	1
6+50W 2+20N	23
6+50W 2+10N	5
6+50W 2+00N	3
6+50W 1+80N	29
6+50W 1+70N	7
6+50W 1+60N	27
6+50W 1+50N	21
6+50W 1+40N	15
6+50W 1+30N	1
6+50W 1+20N	1
6+50W 1+10N	1

SAMPLE	Au* ppb
6+50W 1+00N	2
6+50W 0+90N	295
6+00W 2+90N	9
6+00W 2+80N	12
6+00W 2+70N	11
6+00W 2+60N	10
6+00W 2+50N	5
6+00W 2+40N	1
6+00W 2+30N	265
6+00W 2+20N	3
6+00W 2+00N	59
6+00W 1+90N	31
6+00W 1+80N	2
6+00W 1+70N	3
6+00W 1+60N	26
6+00W 1+50N	5
6+00W 1+40N	195
6+00W 1+30N	9
6+00W 1+20N	17
6+00W 1+10N	2
6+00W 0+90N	2
6+00W 0+80N	7
6+00W 0+70N	1
6+00W 0+60N	4
6+00W 0+50N	1
6+00W 0+40N	2
6+00W 0+30N	1
6+00W 0+20N	1
6+00W 0+10N	1
6+00W 0+00BL	2
6+00W 0+10S	1
6+00W 0+20S	1
6+00W 0+30S	1
6+00W 0+40S	1
6+00W 0+50S	2
6+00W 0+60S	14

SAMPLE	Au* ppb
6+00W 0+70S	1
6+00W 0+80S	1
6+00W 0+90S	2
5+50W 3+00N	19
5+50W 2+90N	7
5+50W 2+80N	9
5+50W 2+70N	1
5+50W 2+60N	2
5+50W 2+50N	61
5+50W 2+40N	21
5+50W 2+30N	13
5+50W 2+20N	38
5+50W 2+10N	14
5+50W 2+00N	5
5+50W 1+90N	19
5+50W 1+80N	9
5+50W 1+70N	17
5+50W 1+60N	2
5+50W 1+50N	1
5+50W 1+40N	11
5+50W 1+30N	1
5+50W 1+20N	165
5+50W 1+10N	19
5+50W 1+00N	20
5+50W 0+90N	3
5+50W 0+80N	27
5+50W 0+70N	30
5+50W 0+60N	69
5+50W 0+50N	7
5+50W 0+40N	1
5+50W 0+30N	20
5+50W 0+20N	1
5+50W 0+10N	59
5+50W 0+00BL	1
5+50W 0+10S	1
5+50W 0+20S	1

SAMPLE	Au* ppb
5+50W 0+30S	1
5+50W 0+40S	1
5+50W 0+50S	1
5+50W 0+60S	1
5+50W 0+70S	1
5+50W 0+80S	1
5+50W 0+90S	1
5+00W 2+50N	22
5+00W 2+40N	5
5+00W 2+30N	49
5+00W 2+20N	1
5+00W 2+10N	1
5+00W 2+00N	5
5+00W 1+90N	2
5+00W 1+80N	6
5+00W 1+70N	7
5+00W 1+60N	97
5+00W 1+50N	11
5+00W 1+40N	14
5+00W 1+30N	5
5+00W 1+20N	1
5+00W 1+10N	3
5+00W 1+00N	1
5+00W 0+90N	1
5+00W 0+80N	4
5+00W 0+70N	1
5+00W 0+60N	1
5+00W 0+50N	1
5+00W 0+40N	1
5+00W 0+30N	1
5+00W 0+20N	1
5+00W 0+10N	1
5+00W 0+00BL	1
5+00W 0+10S	1
5+00W 0+20S	1
5+00W 0+30S	1

SAMPLE	Au* ppb
5+00W 0+40S	12
5+00W 0+50S	4
5+00W 0+60S	13
5+00W 0+70S	5
5+00W 0+80S	15
5+00W 0+90S	13
5+00W 1+00S	2
5+00W 1+10S	3
4+50W 1+00N	12
4+50W 0+90N	7
4+50W 0+80N	17
4+50W 0+70N	20
4+50W 0+60N	26
4+50W 0+50N	18
4+50W 0+40N	36
4+50W 0+30N	15
4+50W 0+20N	4
4+50W 0+10N	28
4+50W 0+00BL	8
4+50W 0+10S	12
4+50W 0+20S	1
4+50W 0+30S	8
4+50W 0+40S	5
4+50W 0+50S	6
4+50W 0+60S	7
4+50W 0+70S	58
4+50W 0+80S	18
4+50W 0+90S	34
4+50W 1+00S	4
4+50W 1+10S	11
4+50W 1+20S	12
4+50W 1+30S	15
4+50W 1+40S	1
4+50W 1+50S	3
4+50W 1+60S	2
4+50W 1+70S	16

2 = 242
3 = 3345
4 = 302,101
5 = 0
6 = 0
7 = 0

SAMPLE	Au* ppb
4+50W 1+80S	7
4+50W 1+90S	21
4+00W 0+80N	32
4+00W 0+70N	25
4+00W 0+60N	29
4+00W 0+50N	33
4+00W 0+40N	24
4+00W 0+30N	12
4+00W 0+20N	4
4+00W 0+10N	15
4+00W 0+00BL	8
4+00W 0+10S	5
4+00W 0+20S	9
4+00W 0+30S	6
4+00W 0+40S	1
4+00W 0+50S	7
4+00W 0+60S	8
4+00W 0+70S	3
4+00W 0+80S	7
4+00W 0+90S	9
4+00W 1+00S	1
3+50W 0+30N	28
3+50W 0+20N	12
3+50W 0+10N	8
3+50W 0+00BL	2
3+50W 0+10S	10
3+50W 0+20S	9
3+50W 0+30S	6
3+50W 0+40S	7
3+50W 0+50S	4
3+50W 0+60S	8
3+50W 0+70S	6
3+50W 0+80S	1
3+50W 0+90S	1
3+00W 0+40N	56
3+00W 0+30N	185

SAMPLE	Au* ppb
3+00W 0+20N	15
3+00W 0+10N	14
3+00W 0+00BL	250
3+00W 0+10S	9
3+00W 0+20S	4
3+00W 0+30S	1
3+00W 0+40S	21
3+00W 0+50S	10
3+00W 0+60S	1
3+00W 0+70S	3
3+00W 0+80S	1
2+50W 0+40N	1
2+50W 0+30N	25
2+50W 0+20N	8
2+50W 0+10N	119
2+50W 0+00BL	12
2+50W 0+00BLA	11
2+50W 0+10S	255
2+50W 0+10SA	95
2+50W 0+20S	155
2+50W 0+20SA	111
2+50W 0+30S	1
2+50W 0+30SA	850
2+50W 0+40S	6
2+50W 0+40SA	4
2+50W 0+50S	27
2+50W 0+50SA	3
2+50W 0+60S	1
2+50W 0+60SA	4
2+50W 0+70S	7
2+50W 0+80S	1
2+50W 0+80SA	1
2+50W 0+90S	1
2+50W 1+00S	1
2+50W 1+10S	1
2+50W 1+20S	1

SAMPLE	Au* ppb
2+50W 1+30S	2
2+50W 1+40S	9
2+25W 0+10N	177
2+25W 0+10S	11
2+25W 0+20S	83
2+25W 0+30S	102
2+25W 0+40S	35
2+25W 0+50S	69
2+25W 0+60S	10
2+25W 0+70S	3
2+25W 0+80S	6
2+25W 0+90S	4
2+25W 1+00S	5
2+25W 1+10S	4
2+25W 1+20S	10
2+00W 0+30N	19
2+00W 0+20N	20
2+00W 0+10N	51
2+00W 0+00BL	40
2+00W 0+10S	12
2+00W 0+20S	19
2+00W 0+30S	18
2+00W 0+40S	101
2+00W 0+50S	48
2+00W 0+60S	2
2+00W 0+70S	8
2+00W 0+80S	10
2+00W 0+90S	6
1+75W 0+00BL	35
1+75W 0+40S	31
1+75W 0+50S	5
1+75W 0+60S	6
1+75W 0+70S	1
1+75W 0+80S	53
1+75W 0+90S	5
1+75W 1+00S	15

SAMPLE	Au* ppb
1+50W 0+50S	5
1+50W 0+60S	7
1+00 0+40N	63
1+00 0+30N	143
1+00 0+20N	175
1+00 0+10N	121
1+00 0+00BL	119
1+00 0+10S	385
1+00 0+30S	22
1+00 0+40S	13
1+00 0+50S	6
1+00 0+60S	12
1+00 0+70S	2
1+00 0+80S	28
1+00 0+90S	3
1+00 1+00S	16
1+00 1+10S	7
1+00 1+20S	13
1+00 1+30S	4
1+00 1+40S	6
1+00 1+50S	12
1+00 1+60S	14
1+00 1+70S	9
0+25E 0+50N	90
0+25E 0+40N	61
0+25E 0+30N	46
0+25E 0+20N	10
0+25E 0+10N	52
0+25E 0+00BL	685
0+25E 0+10S	610
0+25E 0+20S	720
0+25E 0+30S	81
0+25E 0+40S	28
0+25E 0+50S	19
0+25E 0+60S	16
0+25E 0+70S	4

SAMPLE	Au* ppb
0+25E 0+80S	36
0+25E 0+90S	32
0+25E 1+00S	38
0+25E 1+10S	63
0+25E 1+20S	15
0+25E 1+30S	5
0+25E 1+40S	3
0+25E 1+50S	41
0+25E 1+60S	2
0+25E 1+80S	1
0+25E 1+90S	6
0+25E 2+00S	4
0+25E 2+25S	1
0+50E BL	69
0+50E 0+10S	5
0+50E 0+20S	20
0+50E 0+30S	2
0+50E 0+40S	1
0+50E 0+50S	34
0+50E 0+60S	40
0+50E 0+70S	26
0+50E 0+80S	53
0+50E 0+90S	39
0+50E 0+100S	92
0+50E 0+110S	5
0+50E 0+120S	1
0+50E 0+130S	1
0+50E 0+140S	8
0+50E 0+150S	10
0+50E 0+160S	57
0+50E 3+00S	2
0+75E 0+70S	46
0+75E 0+80S	31
0+75E 0+90S	29
0+75E 0+170S	2
0+75E 0+180S	7

SAMPLE	Au* ppb
0+75E 0+190S	4
0+75E 0+200S	1
0+75E 0+225S	28
0+75E 0+250S	1
0+75E 0+275S	16
0+75E 0+300S	24
0+75E 1+00S	82
0+75E 1+10S	2
0+75E 1+20S	1
0+75E 1+30S	1
0+75E 1+40S	1
0+75E 1+50S	1
0+75E 1+60S	3
1+00E 0+00BL	6
1+00E 0+10N	12
1+00E 0+20N	17
1+00E 0+30N	6
1+00E 0+40N	8
1+25E 1+00N	121
1+25E 0+90N	12
1+25E 0+80N	30
1+25E 0+70N	45
1+25E 0+60N	45
1+25E 0+50N	17
1+25E 0+40N	13
1+25E 0+30N	31
1+25E 0+20N	11
1+25E 0+10N	3
1+25E 0+00BL	10
1+25E 0+20S	8
1+25E 0+30S	4
1+25E 0+40S	4
1+25E 0+50S	1
1+25E 0+60S	18
1+25E 0+70S	10
1+25E 0+80S	1

SAMPLE	Au* ppb
1+25E 0+90S	4
1+25E 1+00S	9
1+25E 1+10S	7
1+25E 1+20S	6
1+25E 1+30S	18
1+25E 1+40S	3
1+25E 1+50S	11
1+25E 1+60S	6
1+25E 1+70S	5
1+25E 1+80S	4
1+25E 1+90S	10
1+25E 2+00S	25
1+25E 2+25S	21
1+25E 2+50S	16
1+25E 2+75S	54
1+25E 3+00S	15
1+50E 1+00N	8
1+50E 0+90N	19
1+50E 0+80N	9
1+50E 0+70N	11
1+50E 0+60N	133
1+50E 0+50N	141
1+50E 0+40N	43
1+50E 0+30N	17
1+50E 0+20N	22
1+50E 0+10N	9
1+50E 0+00BL	28
1+50E 0+10S	8
1+50E 0+20S P	5
1+50E 0+30S	32
1+50E 0+50S	34
1+50E 0+60S P	7
1+50E 0+70S	16
1+50E 0+80S	10
1+50E 0+90S	8
1+50E 0+100S	165

SAMPLE	Au* ppb
1+50E 1+10S	1
1+50E 1+20S	185
1+50E 1+30S	2
1+50E 1+40S	1
1+50E 1+50S	1
1+50E 1+60S	1
1+50E 1+70S	2
1+50E 1+80S	1
1+50E 1+90S	1
1+50E 2+00S	1
1+50E 2+25S	17
1+50E 2+40S	1
1+50E 2+50S	3
1+50E 2+75S	16
1+75E 0+80N	13
1+75E 0+70N	10
1+75E 0+60N	1
1+75E 0+50N	185
1+75E 0+40N	1
1+75E 0+30N	6
1+75E 0+20N	1
1+75E 0+10N	53
1+75E 0+00	15
1+75E 0+10S	7
1+75E 0+20S	18
1+75E 0+30S	35
1+75E 0+40S	10
1+75E 0+50S	12
1+75E 0+60S	1
1+75E 0+70S	1
1+75E 0+80S	2
1+75E 0+90S	1
1+75E 1+00S	1
1+75E 1+10S	1
1+75E 1+20S	1
1+75E 1+30S	1

SAMPLE	Au* ppb
1+75E 1+40S	1
1+75E 1+50S	2
1+75E 1+60S	1
1+75E 1+70S	1
1+75E 1+80S	1
1+75E 1+90S	1
1+75E 2+00S	1
1+75E 2+25S	1
1+75E 2+50S	1
2+00E 0+80N	3
2+00E 0+70N	15
2+00E 0+60N	7
2+00E 0+50N	5
2+00E 0+40N	12
2+00E 0+30N	26
2+00E 0+20N	6
2+00E 0+10N	15
2+00E 0+00BL	26
2+00E 0+10S	2
2+00E 0+20S	60
2+00E 0+30S	1
2+00E 0+40S	15
2+00E 0+50S	14
2+00E 0+60S	2
2+00E 0+70S	18
2+00E 0+80S	15
2+00E 0+90S	4
2+00E 1+00S	17
2+00E 1+10S	7
2+00E 1+20S	24
2+00E 1+30S	52
2+00E 1+40S	1
2+00E 1+50S	3
2+00E 1+60S	1
2+00E 1+70S	2
2+00E 1+80S	1

SAMPLE	Au* ppb
2+00E 1+90S	34
2+00E 2+00S	2
2+00E 2+25S	9
2+00E 2+50S	1
2+00E 2+75S	4
2+00E 3+00S	11
2+25E 1+00N	62
2+25E 0+80N	36
2+25E 0+70N	17
2+25E 0+60N	30
2+25E 0+50N	43
2+25E 0+40N	153
2+25E 0+30N	26
2+25E 0+20N	33
2+25E 0+10N	31
2+25E 0+00BL	63
2+25E 0+10S	30
2+25E 0+20S	16
2+25E 0+30S	36
2+25E 0+40S	122
2+25E 0+50S	4
2+25E 0+60S	132
2+25E 0+70S	12
2+25E 0+80S	5
2+25E 0+90S	12
2+25E 1+00S	2
2+50E 0+90N	10
2+50E 0+80N	41
2+50E 0+70N	190
2+50E 0+60N	26
2+50E 0+50N	3
2+50E 0+40N	17
2+50E 0+30N	39
2+50E 0+20N	2
2+50E 0+10N	7
2+50E 0+00BL	27

SAMPLE	Au* ppb
2+50E 0+00BLA	55
2+50E 0+10S	127
2+50E 0+20S	20
2+50E 0+30S	1
2+50E 0+40S	1
2+50E 0+50S	6
2+50E 0+60S	1
2+50E 0+70S	1
2+50E 0+80S	32
2+50E 0+90S	3
2+75E 0+90N	25
2+75E 0+80N	6
2+75E 0+70N	11
2+75E 0+60N	15
2+75E 0+50N	1
2+75E 0+40N	18
2+75E 0+30N	1
2+75E 0+20N	1
2+75E 0+10N	1
2+75E 0+00BL	12
2+75E 0+10S P	1
2+75E 0+20S	34
2+75E 0+30S	11
2+75E 0+40S	2
2+75E 0+50S P	8
2+75E 0+60S	12
2+75E 0+70S	1
2+75E 0+80S	1
2+75E 0+90S	1
2+75E 1+00S	2
2+75E 1+10S	1
3+00E 0+70N	39
3+00E 0+60N	20
3+00E 0+50N	5
3+00E 0+40N	6
3+00E 0+30N	2

SAMPLE	Au* ppb
3+00E 0+20N	12
3+00E 0+10N	6
3+00E 0+00BL	8
3+00E 0+10S	205
3+00E 0+20S	195
3+00E 0+30S	2
3+00E 0+40S	1
3+00E 0+50S	11
3+00E 0+60S	25
3+00E 0+70S	3
3+00E 0+80S	14
3+00E 0+90S	2
3+00E 1+00S	2
3+25E 0+60N	1
3+25E 0+50N	5
3+25E 0+40N	1
3+25E 0+30N	8
3+25E 0+20N	13
3+25E 0+10N	22
3+25E 0+00BL	1
3+25E 0+20S	7
3+25E 0+30S	23
3+25E 0+40S	4
3+25E 0+50S	31
3+25E 0+60S	34
3+25E 0+70S	3
3+25E 0+80S	5
3+25E 0+90S	1
3+25E 1+00S	6
3+25E 1+10S	1
3+25E 1+20S	1
3+25E 1+30S	3
3+25E 1+40S	2
3+25E 1+50S	1
3+25E 1+60S	1
3+25E 1+70S	2

SAMPLE	Au* ppb
3+25E 1+80S	1
3+25E 1+90S	5
3+25E 2+00S	1
3+25E 2+25S	1
3+25E 2+50S	1
3+50E 0+60N	1
3+50E 0+50N	4
3+50E 0+40N	21
3+50E 0+30N	185
3+50E 0+20N	46
3+50E 0+10N	4
3+50E 0+00BL	132
3+50E 0+10S	28
3+50E 0+20S	5
3+50E 0+30S	10
3+50E 0+40S	8
3+50E 0+50S	1
3+50E 0+60S	2
3+50E 0+70S	5
3+50E 0+80S	13
3+50E 0+90S	22
3+50E 1+00S	15
3+50E 1+10S	5
3+50E 1+20S	58
3+50E 1+40S	1
3+50E 1+60S	7
3+50E 1+70S	2
3+50E 1+80S	1
3+50E 1+90S	1
3+50E 2+00S	1
3+50E 2+25S	1
3+50E 2+50S	3
3+50E 2+75S	1
3+50E 3+00S	12
3+75E 0+60N	22
3+75E 0+50N	1

SAMPLE	Au* ppb
3+75E 0+40N	7
3+75E 0+30N	10
3+75E 0+20N	1
3+75E 0+10N	1
3+75E 0+00S	3
3+75E 0+10S	885
3+75E 0+20S	18
3+75E 0+30S	12
3+75E 0+40S	8
3+75E 0+50S	1
3+75E 0+60S	13
3+75E 0+70S	51
3+75E 0+80S	12
3+75E 0+90S	4
3+75E 1+00S	10
3+75E 1+10S	11
3+75E 1+30S	4
3+75E 1+40S	7
3+75E 1+60S	5
3+75E 1+70S	15
3+75E 1+80S	2
4+00E 0+60N	8
4+00E 0+50N	7
4+00E 0+30N	120
4+00E 0+20N	3
4+00E 0+10N	132
4+00E 0+00BL	16
4+00E 0+30S	12
4+00E 0+40S	13
4+00E 0+50S	8
4+00E 0+60S	9
4+00E 0+70S	1
4+00E 0+80S	3
4+00E 0+90S	2
4+00E 1+00S	1
4+00E 1+10S	1010

SAMPLE	Au* ppb
4+00E 1+20S	14
4+00E 1+30S	14
4+00E 1+40S	4
4+00E 1+50S	20
4+00E 1+60S	44
4+00E 1+70S	1
4+00E 1+80S	7
8+00E 0+70N	10
8+00E 0+60N	4
8+00E 0+50N	1
8+00E 0+40N	1
8+00E 0+30N	10
8+00E 0+20N	11
8+00E 0+10N	27
8+50E 0+60N	102
8+50E 0+50N	3
8+50E 0+40N	3
8+50E 0+30N	1
8+50E 0+20N	1
8+50E 0+10N	5
8+50E 0+00N	1
9+00E 0+10N	2
9+00E 0+00BL	19
9+00E 0+10S	4
9+00E 0+30S	4
9+00E 0+40S	15
9+00E 0+50S	17
9+00E 0+60S	1
9+00E 0+70S	32
9+00E 0+80S	1
9+00E 0+90S	2
9+00E 1+00S	77
9+00E 1+10S	4
9+00E 1+20S	2
9+00E 1+20SA	20
9+00E 1+30S	1

SAMPLE	Au* ppb
9+50E 0+40N	9
9+50E 0+30N P	1
9+50E 0+20N	1
9+50E 0+10N	1
9+50E 0+00BL	56
9+50E 0+10S	27
9+50E 0+20S	5
9+50E 0+30S	4
9+50E 0+40S	11
9+50E 0+50S	1
9+50E 0+60S	8
9+50E 0+70S	4
9+50E 0+80S	1
9+50E 0+90S	1
9+50E 1+00S	1
9+50E 1+10S	6
9+50E 1+20S	5
9+50E 1+30S	1
9+50E 1+40S	4
9+50E 1+50S	17
9+50E 1+60S	8
9+50E 1+70S	9
9+50E 1+80S	44
9+50E 1+90S	21
9+50E 2+00S	1
9+50E 2+10S	1
9+50E 2+20S P	1
10+00E 0+40N	1
10+00E 0+20N	3
10+00E 0+10N	1
10+00E 0+00BL	29
10+00E 0+10S	1
10+00E 0+20S	1
10+00E 0+30S	1
10+00E 0+40S	1
10+00E 0+50S	1

SAMPLE	Au* ppb
10+00E 0+60S	14
10+00E 0+70S	1
10+00E 0+80S	1
10+00E 0+90S	53
10+00E 1+00S	4
10+00E 1+10S	1
10+00E 1+20S	1
10+00E 1+30S	1
10+00E 1+40S	1
10+00E 1+50S	1
10+00E 1+60S	2
10+00E 1+70S	1
10+00E 1+80S	2
10+00E 1+90S	1
10+00E 2+00S	3
10+00E 2+10S	1
10+00E 2+20S	2
10+00E 2+30S	1

APPENDIX V

ROCK DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS

Camp Creek Showing

DF-7751	grab, quartz vein with chalcopyrite
DF-7752	grab, quartz vein with chalcopyrite
DF-7753	grab, quartz vein with chalcopyrite and pyrite
DF-7754	grab, wall rocks to quartz vein, altered granodiorite
DF-7755 7756 7757	grabs, wall rock to quartz vein, argillically altered granodiorite
DF-7758 7758 7759 7760 7761 7762 7763	all grab samples of argillically altered granodiorite at contact of quartz veins. Trace to 2% pyrite in all samples.
DF-7764	grab, silicified granodiorite 1% disseminated pyrite
DF-7765 7766 7767 7768 7769 7770 7771 7772 7773	all grab samples of fresh to slightly argillicially altered granodiorite from Camp Showing, 1-2% disseminated pyrite, no chalcopyrite visible silicification along 1-2mm fractures is evident
DF-7774	grab, quartz vein with 5% disseminated pyrite - quartz banded
DF-7775 7776	grab, quartz veins with <1% disseminated pyrite along fractures
DF-7777 7778	grabs, quartz vein material with 1-2% disseminated pyrite and trace chalcopyrite
DF-7779 7780 7781 7782 7783	grabs, fresh to moderately altered granodiorite with no visible sulfides. Argillie alteration is most pronounced
DF-7784	grab, altered granodiorite with 2% disseminated pyrite

DF-7785 grabs, fresh, unaltered granodiorite. No
7786 visible sulfides

DF-7787 grabs, quartz vein material with 2-3% disseminated
7788 chalcopyrite and 1% pyrite. Quartz is highly banded
7789 with 1-2 mm lamellae.

DF-7790 grab samples of fresh to moderately altered
-7798 granodiorite, 1-2% disseminated pyrite no chalcopyrite. Granodiorite is slightly sheared, but alteration is very slight.

DF-2001 grab samples of unaltered granodiorite. No visible
-2008 sulfides. Only minor fracturing.

Mid Pad Showing

DF-2009 grabs, quartz vein material with 2% disseminated galena
-2010 and 1% disseminated pyrite.

DF-2011 grab, quartz vein stockwork with 1-2% disseminated galena and pyrite.

DF-2012 grab, quartz vein stockwork with 2% disseminated pyrite and trace galena.

DF-2013 grab, quartz vein with 2% disseminated pyrite. Quartz
2014 veins are somewhat banded and exhibit a layered texture.

DF-2015 grab, quartz vein with 1-2% disseminated pyrite. Trace galena

DF-2016 Same as 2015

DF-2017 Same as 2015

DF-2018 grab, wall rock to quartz vein with up to 2% disseminated pyrite. High degree of fracturing is obvious in this sample.

DF-2019 grab, wall rock to quartz veins unaltered, fresh
2020 granodiorite.

DF-2021 grab, unaltered granodiorite

DF-2022 Same as 2021
2023

DF-2024 grab, unaltered granodiorite

DF-2025 grab, unaltered granodiorite, no visible sulfides.

DF-2026 grabs unaltered granodiorite with no visible sulfides.
2027

DF-2031 grabs, relatively unaltered granodiorite with 1-2%
2032 disseminated pyrite. Rock is highly fractured.
2033

DF-2034 grabs, relatively unaltered andesite with trace
2035 disseminated pyrite.
2036
2037
2038

DF-2039 grab samples of fresh granodiorite. No visible
-2047 sulfides. No fracturing.

DF-2048 grab, quartz vein material with 1-2% disseminated pyrite.

DF-2049 grab, unaltered wall rock to quartz vein of 2048.

DF-2050 grab, quartz vein with 1% disseminated pyrite.

DF-2051 grabs, of relatively unaltered granodiorite.
-2053 silicification occurs along 1-2 mm fracture sets.

DF-2054 grab samples of poorly altered granodiorite with 2%
-2059 finely disseminated pyrite and trace pyrrhotite.

Junction Showing

DF-2160 grab, silicified, mylonitized granodiorite with 10% quartz augen and 1-2% disseminated pyrite.

DF-2161 grab samples of mylonitized granodiorite with 2-50mm
2162 quartz augen and 1-2% disseminated very fine grained pyrite.

Reconnaissance Samples

DF-2163 grab samples of very fine grained, unaltered
-2166 granodiorite with 1-2% disseminated pyrite.

DF-2951 grab samples of relatively unaltered granodiorite.
-2959 Pyrite occurs as disseminations along fracture planes.

DF-2860 grab samples of argillically altered granodiorite with
2866 with 1-2% disseminated pyrite and trace chalcopyrite.

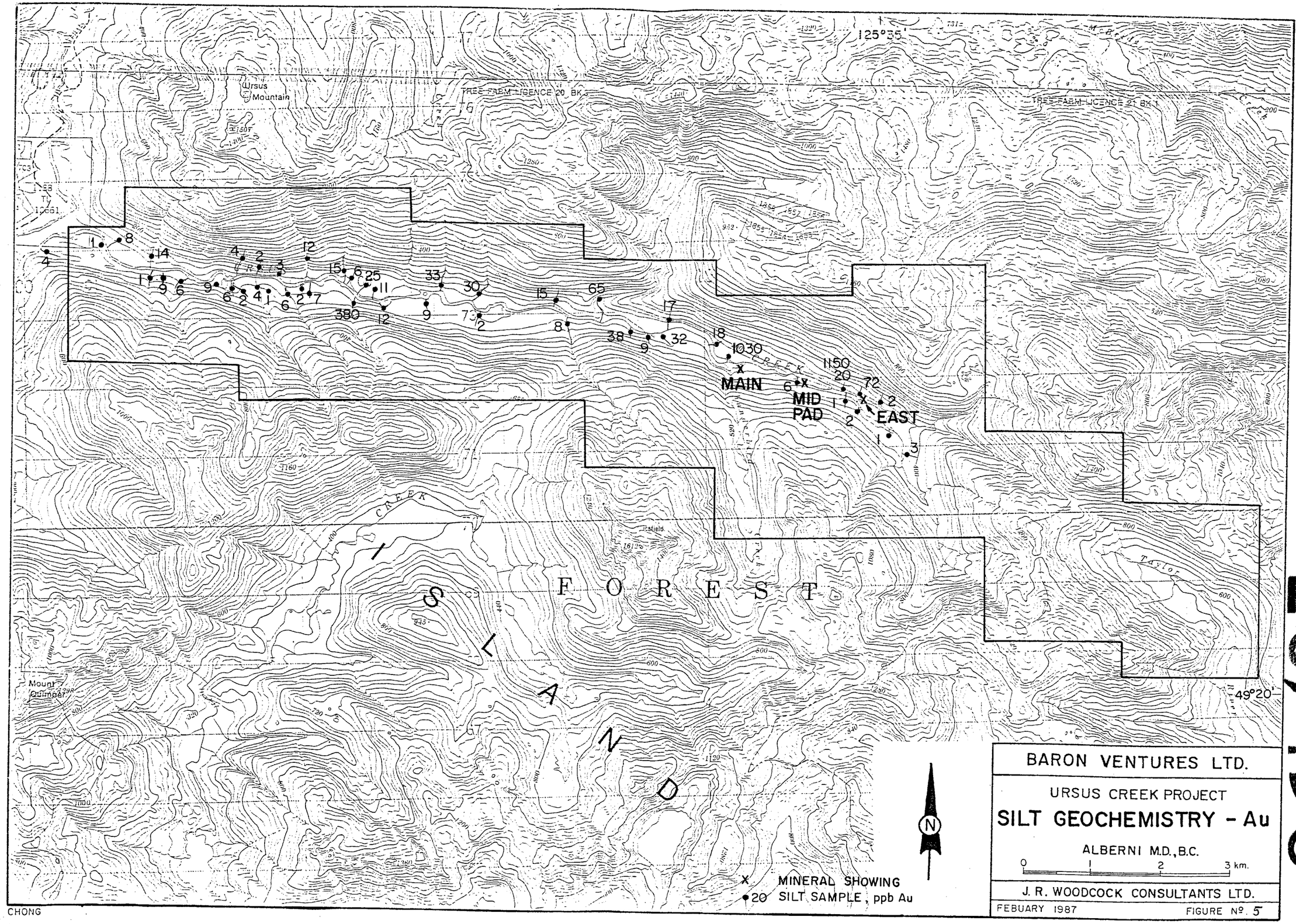
Dyke Showing

DF-2967	grab-highly sheared and silicified granodiorite with 2% disseminated pyrite.
DF-2968	grab, relatively unaltered granodiorite
DF-2969	grab, silicified and highly sheared granodiorite with trace disseminated galena and 1% disseminated pyrite
DF-2970 2971	grab, silicified and moderately well sheared granodiorite with 1% disseminated pyrite.
DF-2972 2973	grabs of silicified and quartz veined granodiorite with 1% disseminated pyrite, trace galena.
DF-2974	grab, unaltered granodiorite
DF-2975	grab, silicified and highly brecciated granodiorite with 1-2% disseminated pyrite.
DF-2976 -2981	grabs of moderately well silicified and sheared granodiorite with 3% very fine grained pyrite.
DF-2982	grab sheared and silicified granodiorite, trace pyrite.
DF-2983	grab sheared and silicified granodiorite, no visible sulfides.

JS-1	fragmental andesite
JS-2902-VR	altered quartz diorite
2903	volcanic
2904	siliceous intrusive
2905	grey marble
2906	quartz carbonate
2907	volcanic
JS-6	mafic intrusive
2908	quartz vein
2909	vein wall rock
2910	shear breccia
2911	10m chip; quartz vein
2912	highly altered, (intrusive?)
2913	pyritic volcanic
2914	pyritic volcanic
2915	volcanic
025E 090S	chloritic quartz diorite
2916	fresh diorite
075E 120S	fresh monzonite
2917	andesite
075E 2755	diorite
2918	monzonite

SB-2051-VR	1cm quartz veinlet, tr. sx.
2052	quartz veinlets in monzonite
2053	altered quartz-monzonite
2054	sericite altered quart-monzonite
2055	quartz veinlets in quartz-monzonite
2056	sericitic and pyritic quartz-monzonite
2057	quartz vein; float
2058	quartz vein; to 25% sulfides
2059	pyritic, altered volcanic
2060	volcanic, minor sulfides
2061	silicified quartz-monzonite
2062	silicified and pyritic quartz-monzonite
2063	" " " "
2064	" " " "
2065	" " " "
2066	pyritic granite
2067	silicified, pyritic
2068	" "
2069	sheared intrusive
2070	altered quartz monzonite; tr. py.
2071	siliceous altered quartz-monzonite?
2072	siliceous, sheared quartz-monzonite
2073	silicified shear zone
2074	siliceous intrusive
2075	10 cm quartz vein

DB-2861-VR	quartz vein, float
2852	volcanic, trace pyrite; float
2853	quartz monzonite? tr. py; float
2854	quartz vein, tr. py.; float
2855	quartz with disseminated py; float
2856	brecciated granodiorite, disseminated py.
2857	qz. - sericite altered granodiorite py. on fractures; float
2858	pyritic granodiorite; float
2859	limonitic sheared intrusive; float
* 2860	chalcedony veinlets, tr. py.; float
2861	mylonitic granodiorite
2862	mylonitic shear zone, qz. veinlets
2863	gouge from shear zone
2864	chloritic granodiorite
2865	sheared, altered granodiorite
2866	qz. vein in float



CHONG

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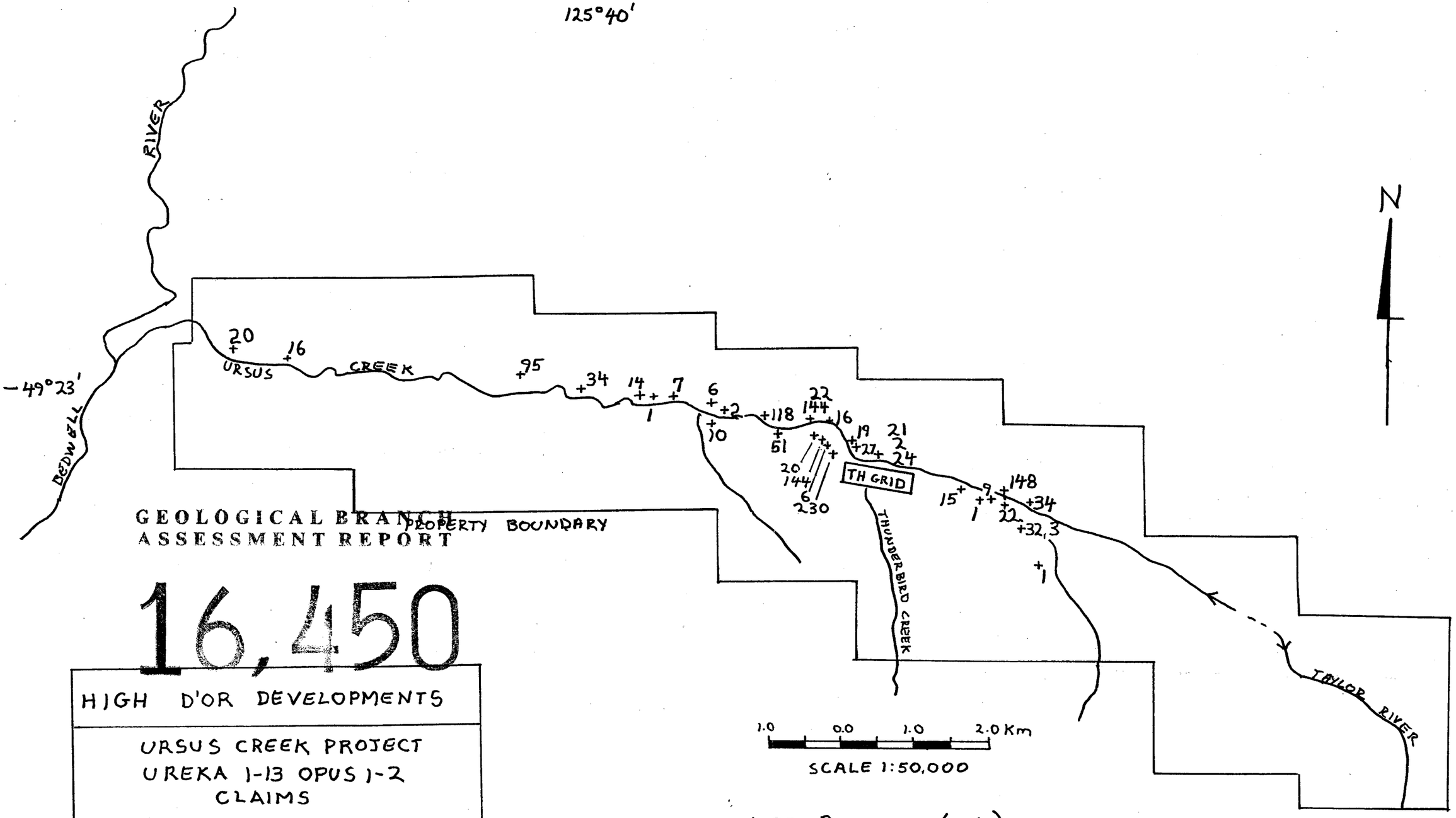
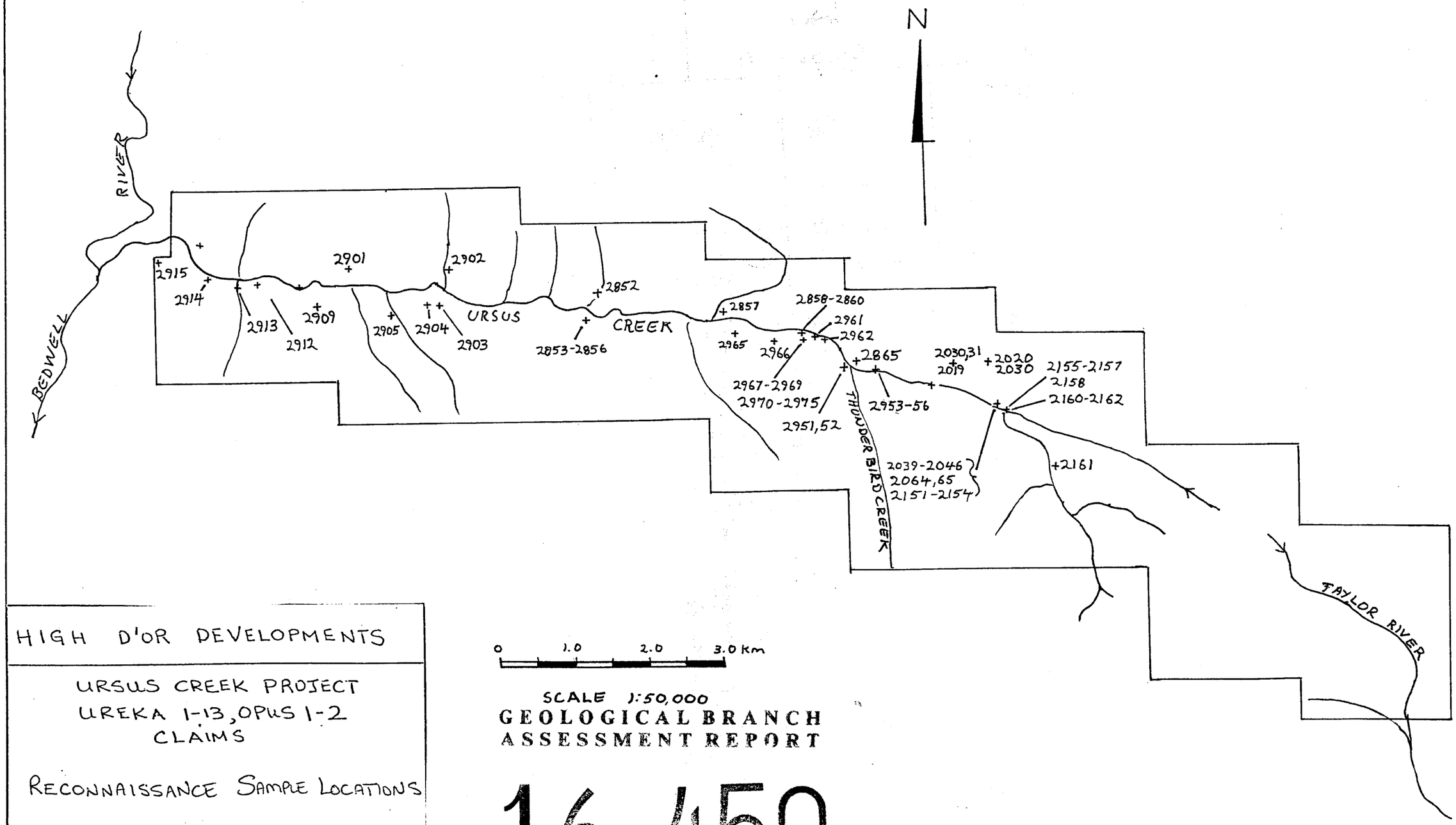
HIGH D'OR DEVELOPMENTS		
URSUS CREEK PROJECT UREKA 1-13 OPUS 1-2 CLAIMS RECONNAISSANCE SOIL GEOCHEMISTRY (Au)		
DATE OCT/87	NTS 92F/5	FIG. 8





HIGH D'OR DEVELOPMENTS

URSUS CREEK PROJECT
UREKA 1-13, OPUS 1-2
CLAIMS

RECONNAISSANCE SAMPLE LOCATIONS

DATE:

NTS 92F/5

FIGURE 6A

0 1.0 2.0 3.0 Km

SCALE 1:50,000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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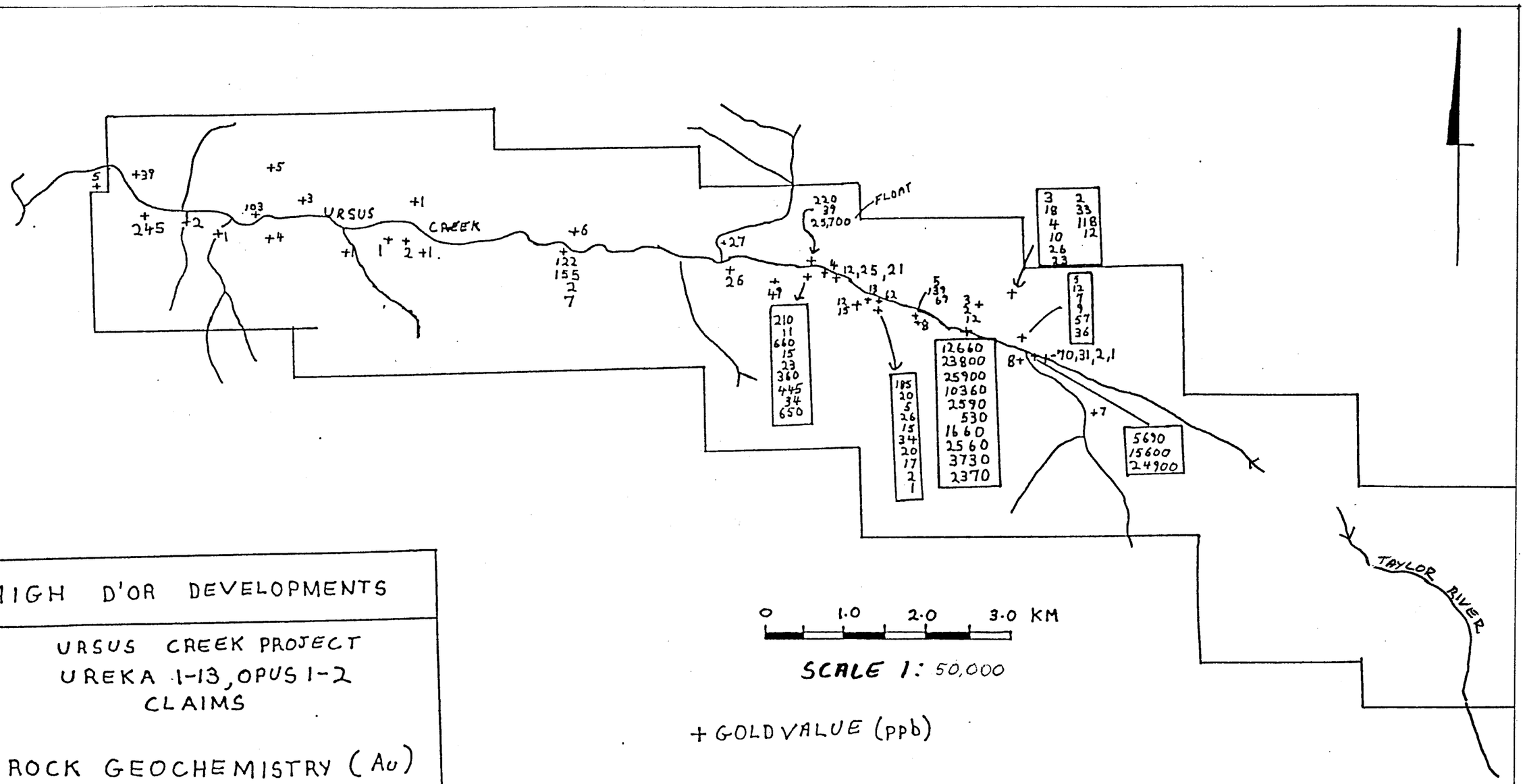

HIGH D'OR DEVELOPMENTS		
URSUS CREEK PROJECT UREKA 1-13, OPUS 1-2 CLAIMS ROCK GEOCHEMISTRY (Au)		
DATE: OCT 16 1987	NTS 92F/5	7

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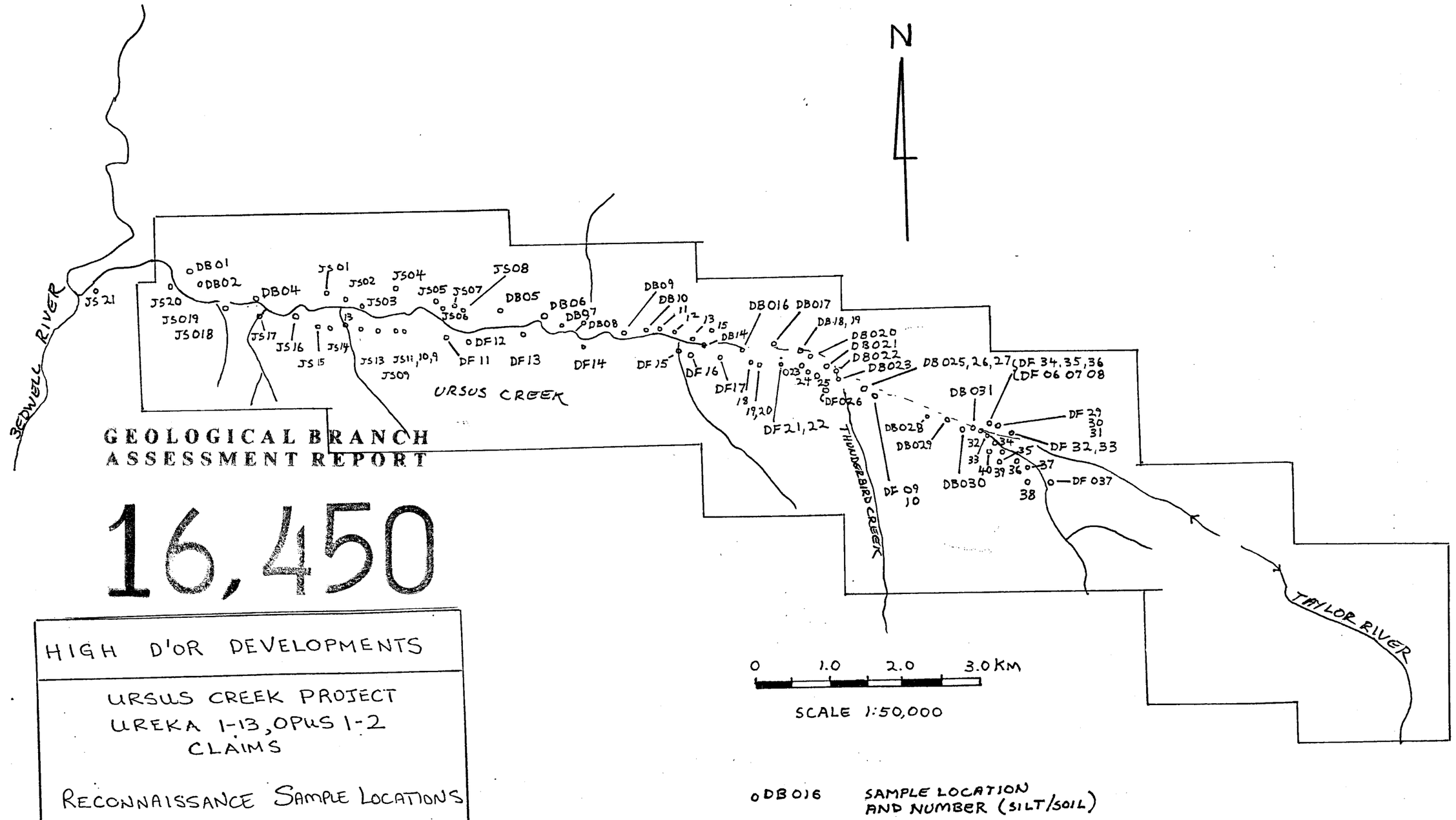
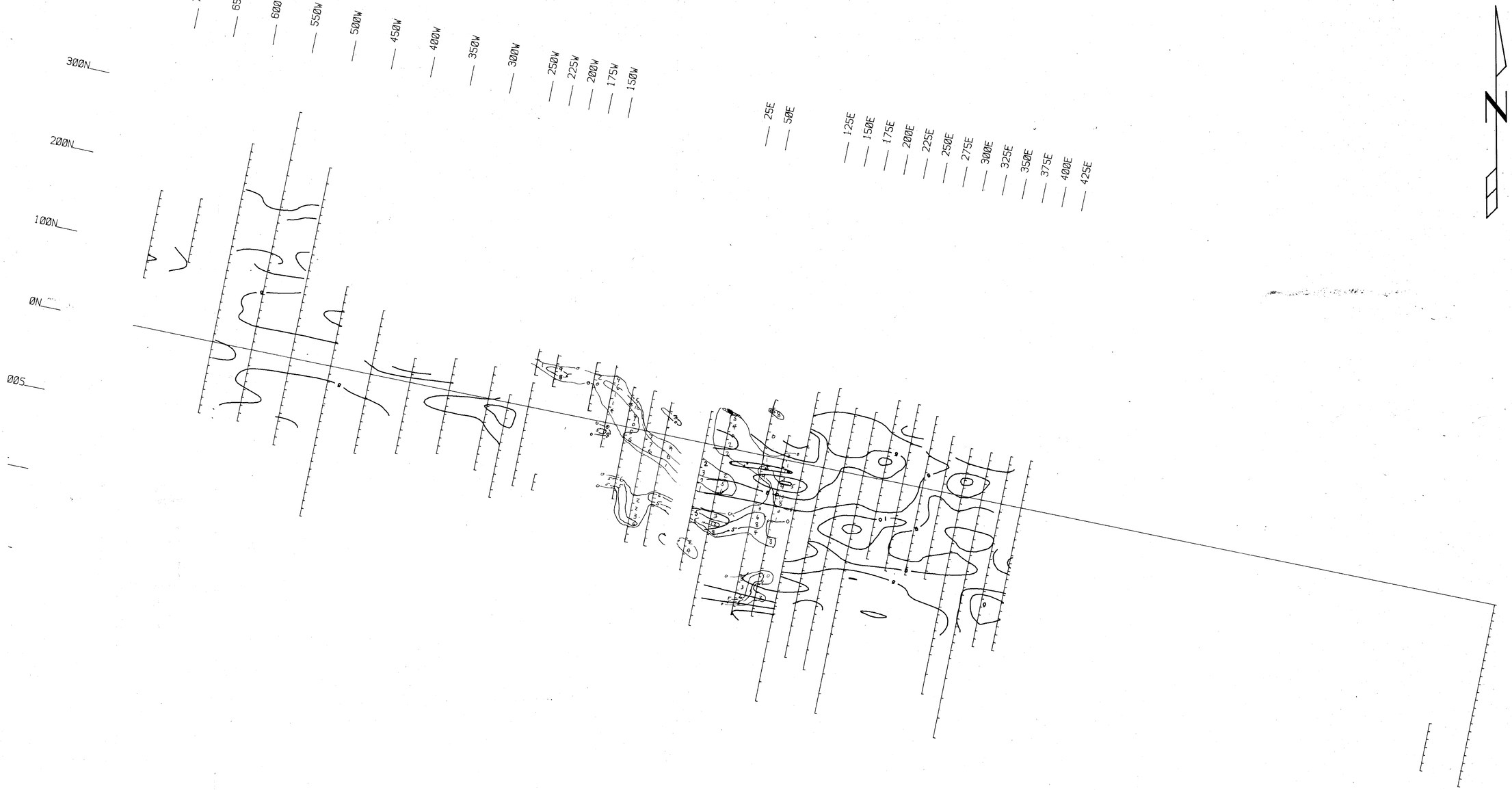
HIGH D'OR DEVELOPMENTS

URSUS CREEK PROJECT
UREKA 1-13, OPUS 1-2
CLAIMS

RECONNAISSANCE SAMPLE LOCATIONS

DATE:	NTS 92F/5	FIGURE 6B





SCALE 1:2500

50 0 50 100 150

METERS

CONTOUR INTERVAL: 5%

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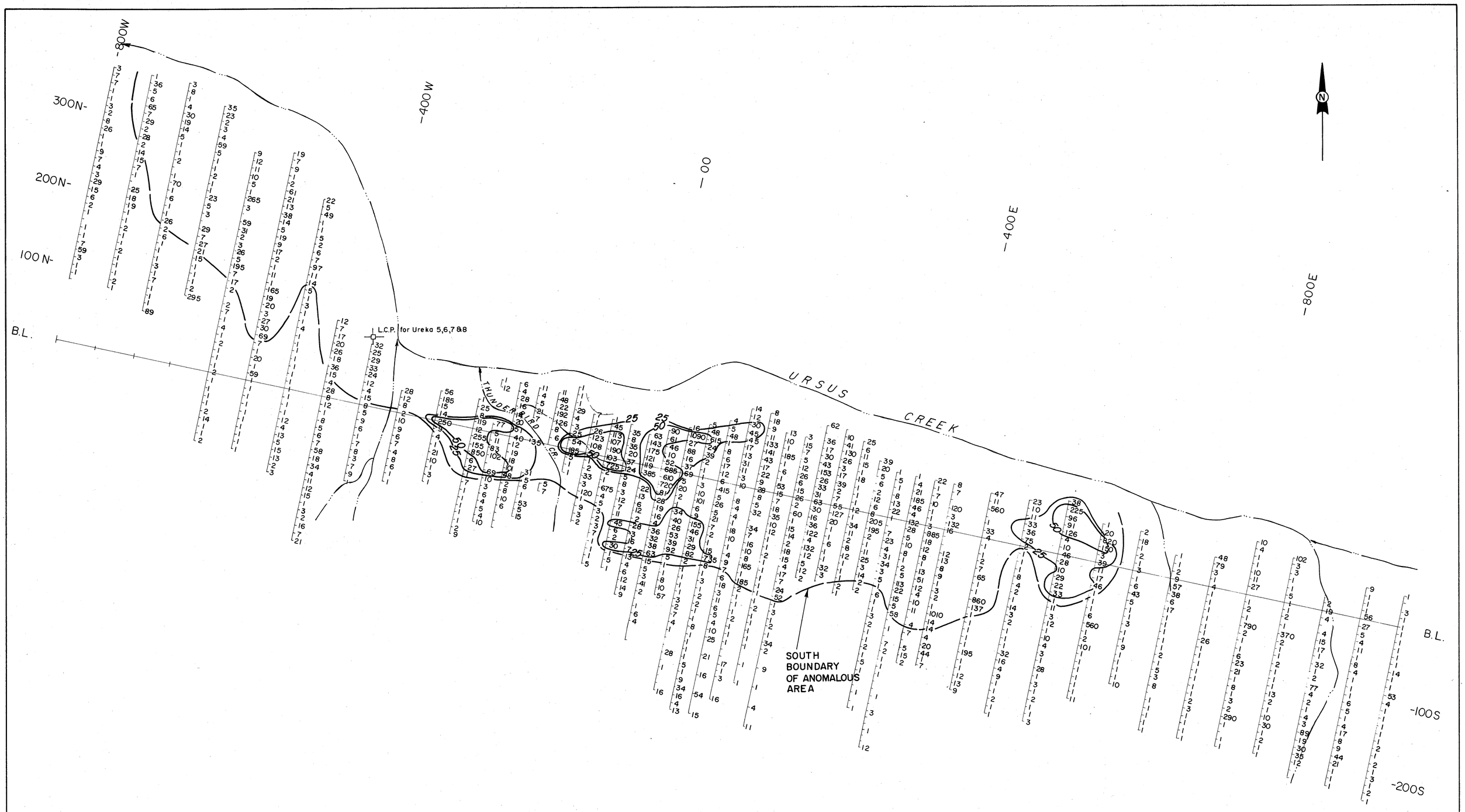
URSUS CREEK PROJECT

FOR: HIGH D'OR DEVELOPMENT LTD.

FRASER FILTERED DIP ANGLES
SEATTLE
(POSITIVE VALUES ONLY)

ALBERNI M.D., B.C.

N.T.S.: 92F / 5	DATE: JANUARY 1987
PLOTTED BY: R.P.M.	FIGURE NO. 12



195 GOLD VALUE IN PPB

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BARON VENTURES LTD.

URSUS CREEK PROJECT

SOIL GEOCHEMISTRY
GOLD VALUES, ppb

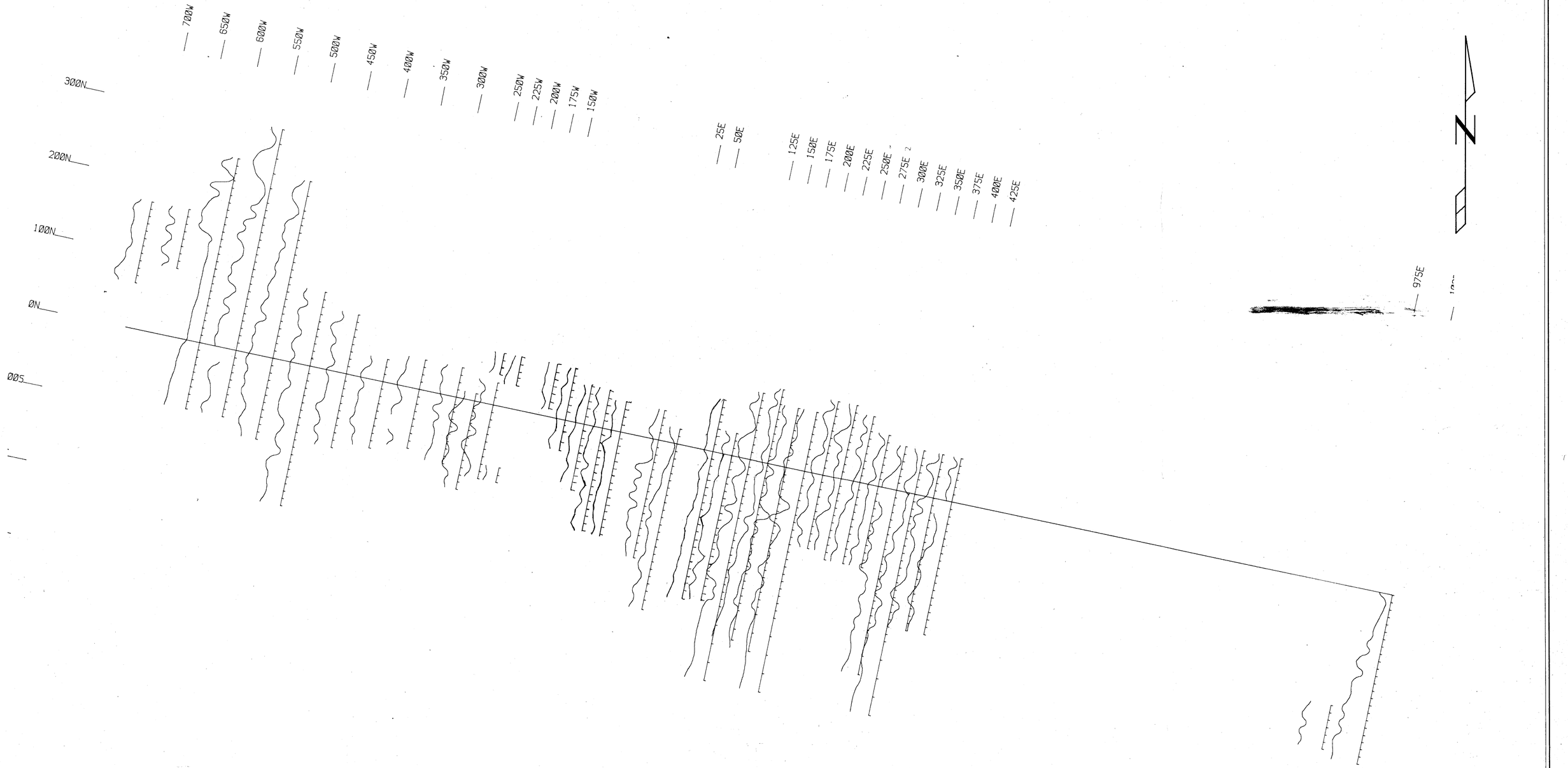
ALBERNI M.D., B. C.

0 100 200 300 metres

J.R. WOODCOCK CONSULTANTS LTD.

FEBUARY 1987 FIGURE Nº. 9

CHONG



SCALE 1:2500

50 0 50 100 150 m.

METERS

PROFILE AMPLITUDE: 20%
VERTICAL SCALE: 1cm = 20%
(GRIDLINE = 0; POSITIVE VALUES WEST
NEGATIVE VALUES EAST

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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URSUS CREEK PROJECT

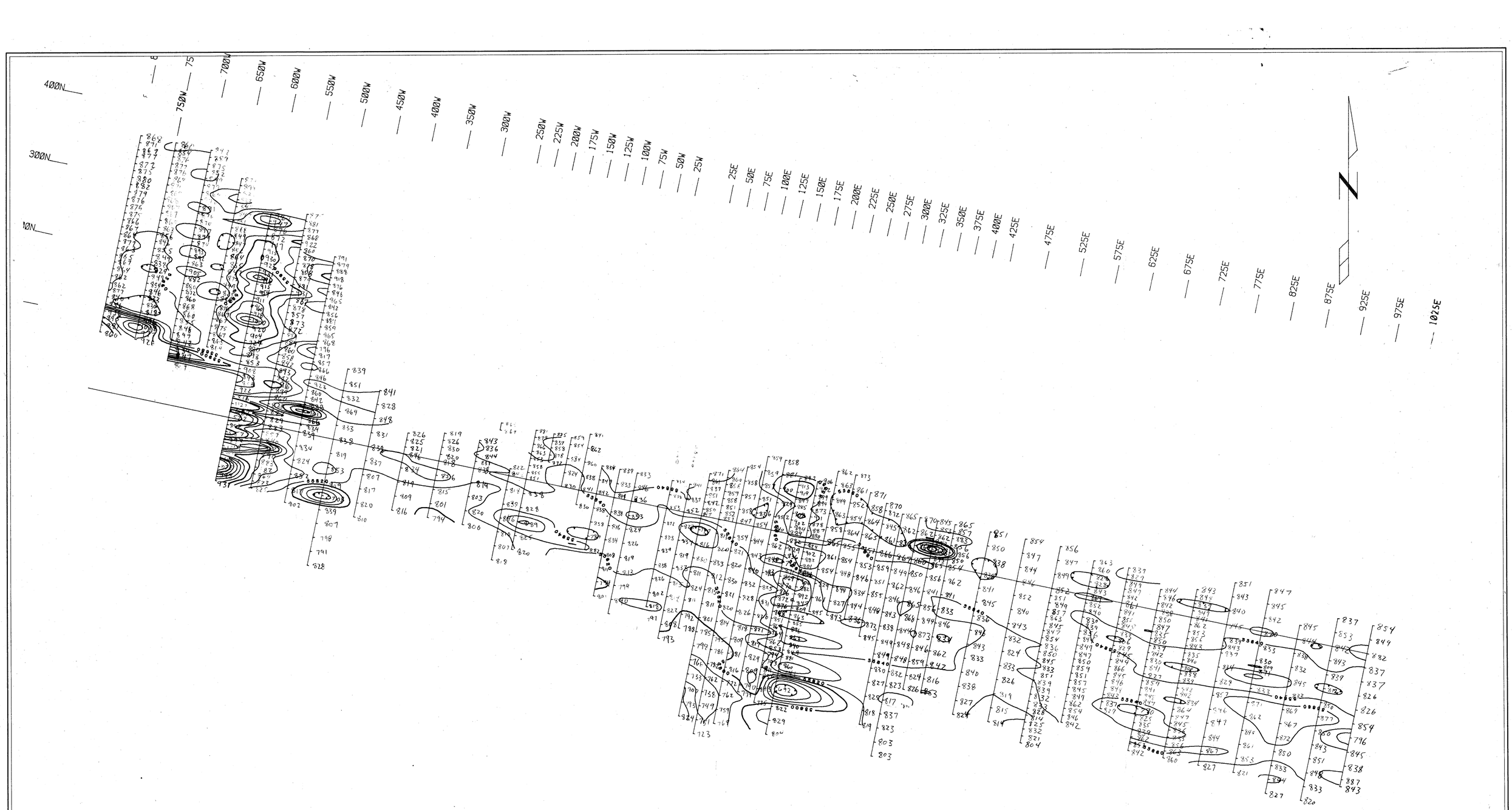
FOR: HIGH D'OR DEVELOPMENT LTD.

UNFILTERED DIP ANGLE PROFILES

SEATTLE

ALBERNI M.D., B.C.

N.T.S.: 92F / 5	DATE: JANUARY 1987
PLOTTED BY: R.P.M.	FIGURE NO. 11



SCALE 1:2500

50 0 50 100 150

METERS

843 / 827 MAGNETOMER READINGS (+55000 GAMMAS)

BASE VALUE : 0 GAMMAS

CONTOUR INTERVAL: 20 GAMMAS

GEOLOGICAL BRANCH
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URSUS CREEK PROJECT

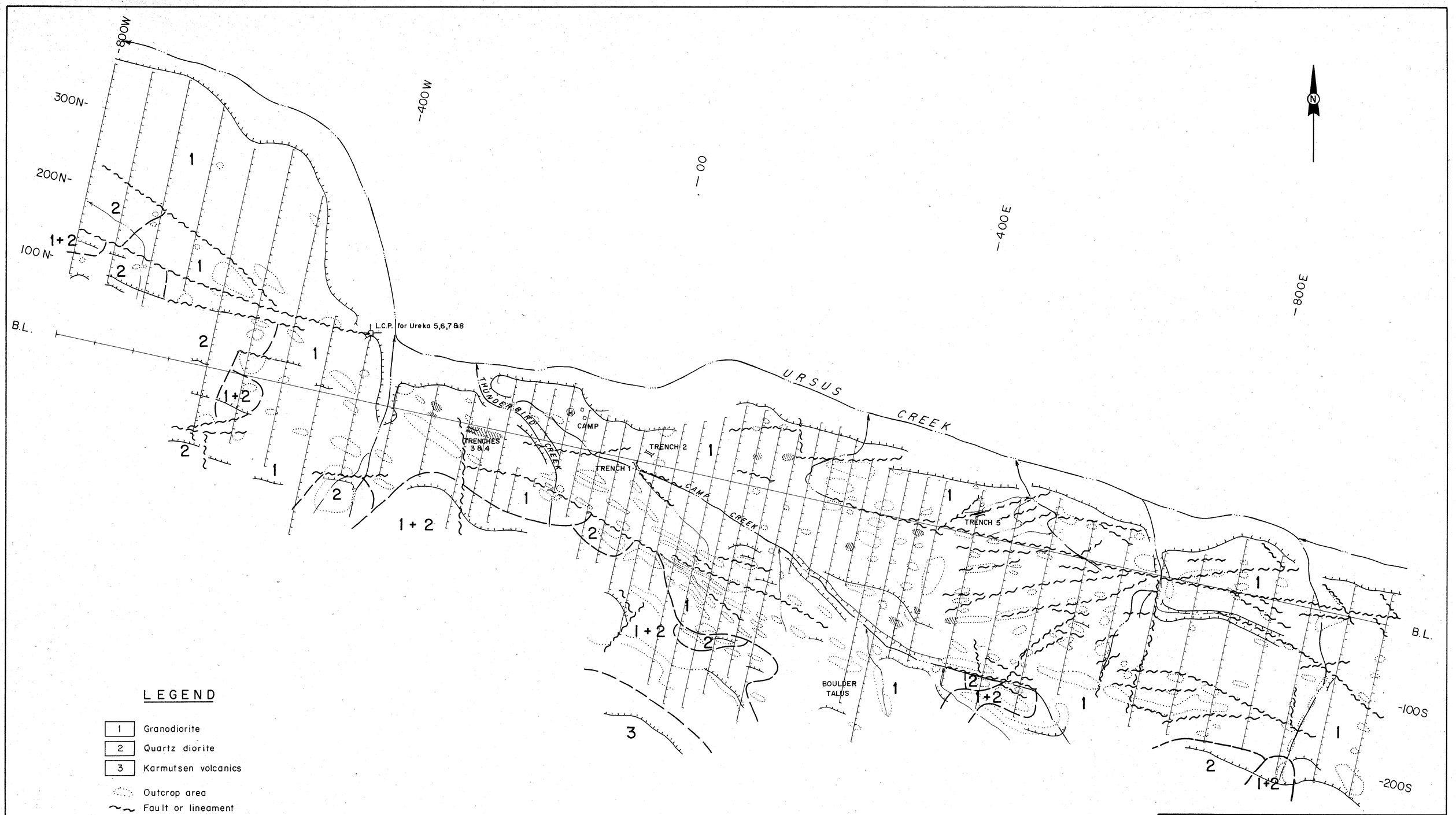
FOR: HIGH D'OR DEVELOPMENT LTD.

TOTAL FIELD MAGNETOMETER

(SCINTREX MP2 S/N 702238)

ALBERNI M.D., B.C.

N.T.S.: 92F / 5	DATE: JANUARY 1987
PLOTTED BY: R.P.M.	FIGURE NO. 10



LEGEND

- 1 Granodiorite
- 2 Quartz diorite
- 3 Karmutsen volcanics
- Outcrop area
- Fault or lineament
- Steep cliff
- Trench
- Altered rock

Mapping by: S. Butler, J. Shearer, D. Forster, Dec. 1986

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BARON VENTURES LTD.

URSUS CREEK PROJECT

TH GRID

DETAIL GEOLOGY

ALBERNI M.D., B. C.

0 100 200 300metres

J.R. WOODCOCK CONSULTANTS LTD.

FEBUARY 1987 FIGURE Nº. 4

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