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DRILLING REPORT ON THE GOLD PROPERTY

Osoyoos Mining Division, B.C.
N.T.S. 82E-6W
Latitude: 49°17'N, Longitude: 119°20'W
Owner: K.L. Daughtry
Operator: Canadian Nickel Company Limited

Work done from March 14 to April 6, 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,892

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Vancouver, B.C.

June, 1989

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SUMMARY

The GOLD property consists of three claims: GOLD, GOLDEN 1 & 2. They cover part of a klippe of Eocene volcanic and sedimentary rocks separated by the detachment fault from underlying igneous and metamorphic rocks of the Okanagan Complex. Gold-silver mineralization occurs in quartz and calcite veins and quartz ± calcite ± rock flour matrix breccias hosted in the upper plate volcanics. Values on the GOLD at surface are up to 2.3 g/t Au and 5.1 g/t Ag over 6 m. Work by Canadian Nickel Company Limited in 1988 (not submitted for assessment credit) consisted of geological mapping (1:5000 scale) and relogging and continuous sampling of 456.6 m of NQ diamond drilling core (3 holes).

Work in 1989 (submitted for assessment credit) consisted of diamond drilling eight holes for a total of 1637.35 m. Total cost of the 1989 program was $146,457.39.

LOCATION

The property is located at latitude 49°17'N and longitude 119°20'W in the Okanagan Plateau. It lies east of Venner Meadows, 20 km from Okanagan Falls on the Weyerhaeuser Canada Ltd. Shuttleworth Creek logging road. In 1988-89, the property was snow covered from late October 1988 to early May, 1989.

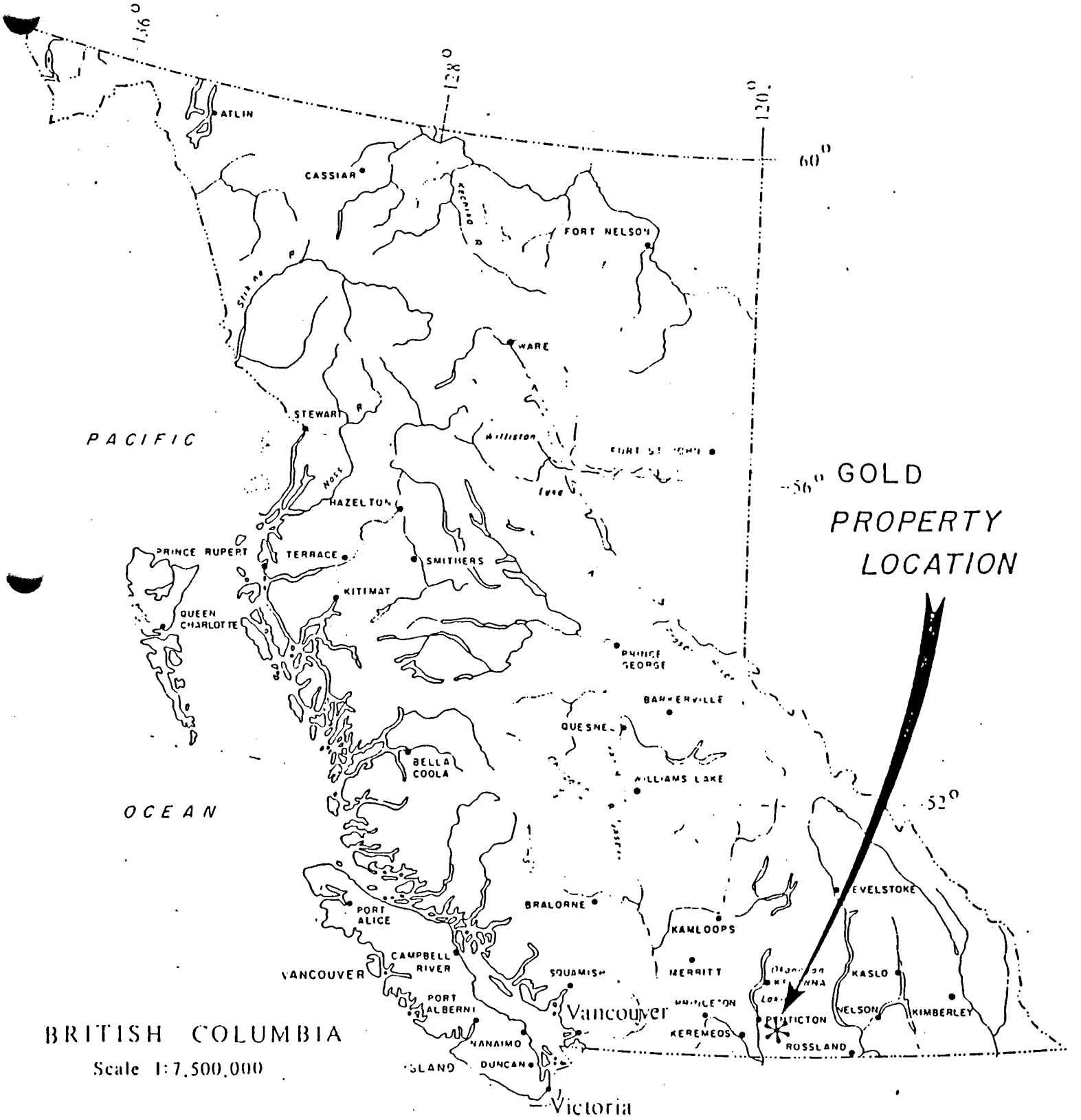


Figure 1
Location map of GOLD property

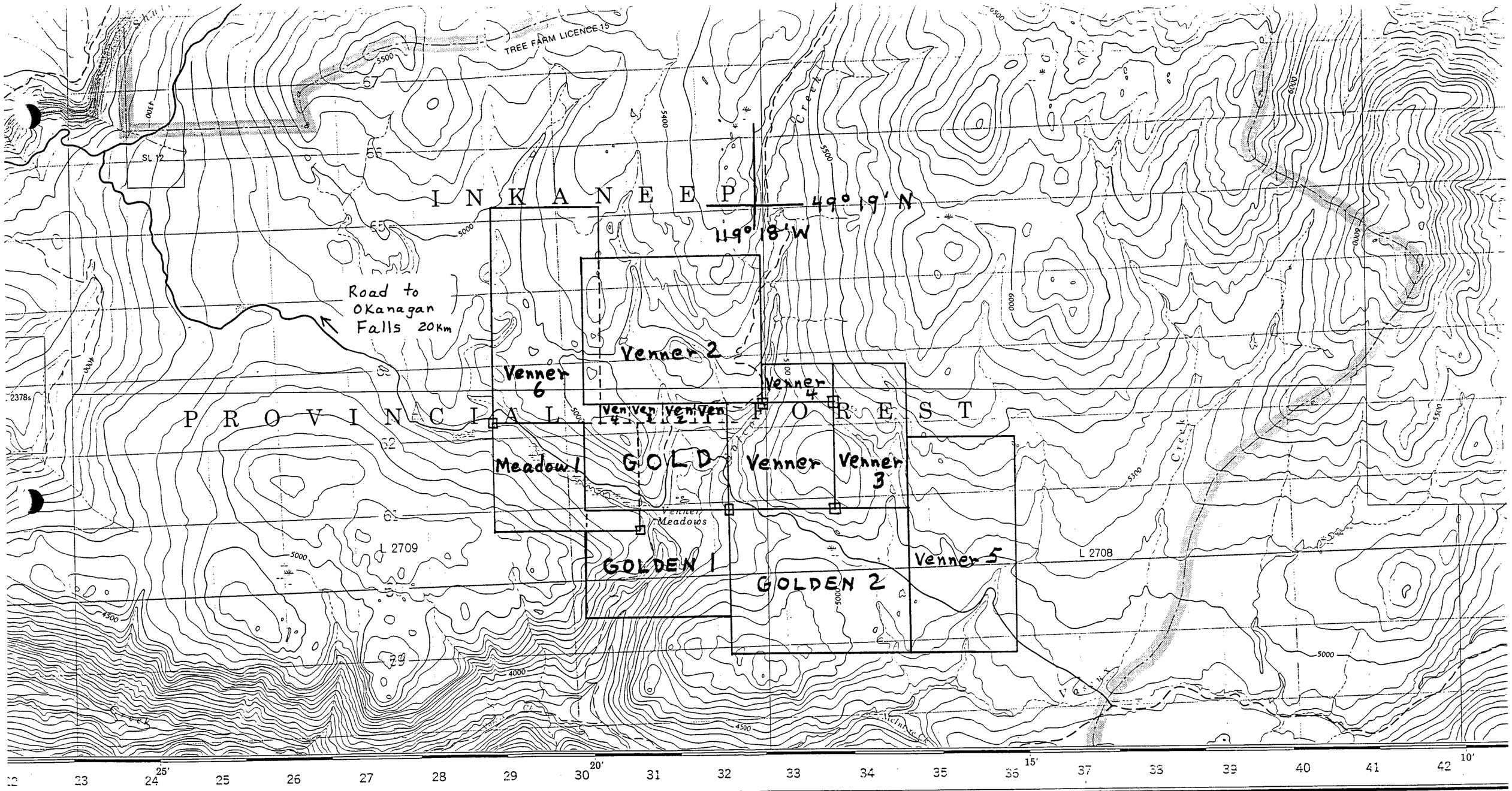


Figure 2
Claim map of GOLD property

PROPERTY STATUS

The property consists of 3 claims (see Figure 2):

Claim Name	GOLD	GOLDEN 1	GOLDEN 2
Record No.	652	1561	1562
Units	12	12	20
Claim Size	3Nx4W	3Sx4W	4Sx5E
Staking Date	Feb. 1-2, 1982	July 14-15, 1982	July 14-15, 1982
Record Date	March 1, 1982	July 15, 1982	July 15, 1982
Owner	K.L. Daughtry	K.L. Daughtry	K.L. Daughtry
Expiry Date	1993	1991	1991

Mr. Daughtry represents the E & D Joint Venture: 50% Energex Minerals Ltd. and 50% K.L. Daughtry and Associates.

Inco Gold Company, a unit of Inco Limited, entered into an option agreement with the E & D Joint Venture in September 1988. Canadian Nickel Company Limited, a wholly owned exploration subsidiary of Inco Limited, has been the operator since September 1988.

HISTORY AND DEVELOPMENT

The following is a chronological point summary of work on the GOLD property:

1973 - AU-RAIN claims - gold-silver mineralization exposed in a roadcut;

- limited geophysics and sampling by Teck Corp.; some anomalous gold but conclusion that mineralization was very limited.

1975 - trench sampling by Granby Mining Corp.; but conclusion that mineralization was erratic.

1978 - claims lapsed.

1979 - GOLD claim staked.

1982 - GOLDEN 1 & 2 claims staked.

1980 - geochemistry and magnetics by E & D joint venture;

- As, Ag, Au anomalies corresponded with an area of low magnetic response.

1984 - option by Rio Algom Exploration Inc. who undertook geology, geochemistry, magnetics, VLF-EM, trenching and diamond drilling of 3 holes totalling 456.6 m.

Adjacent claims to the east, west and north were acquired by Lacana in 1980 (VENNER and NERD claims) and in 1987 (DREN claims). In 1982 and 1983, 20 diamond drill holes totalling 2152 m were drilled with several significant intersections, the highest being 4.5 oz/t Au over 1 m width. Lacana sold the Venner property to Tigris Minerals Corporation in 1988 and Tigris undertook further trenching and drilling during 1988 and 1989.

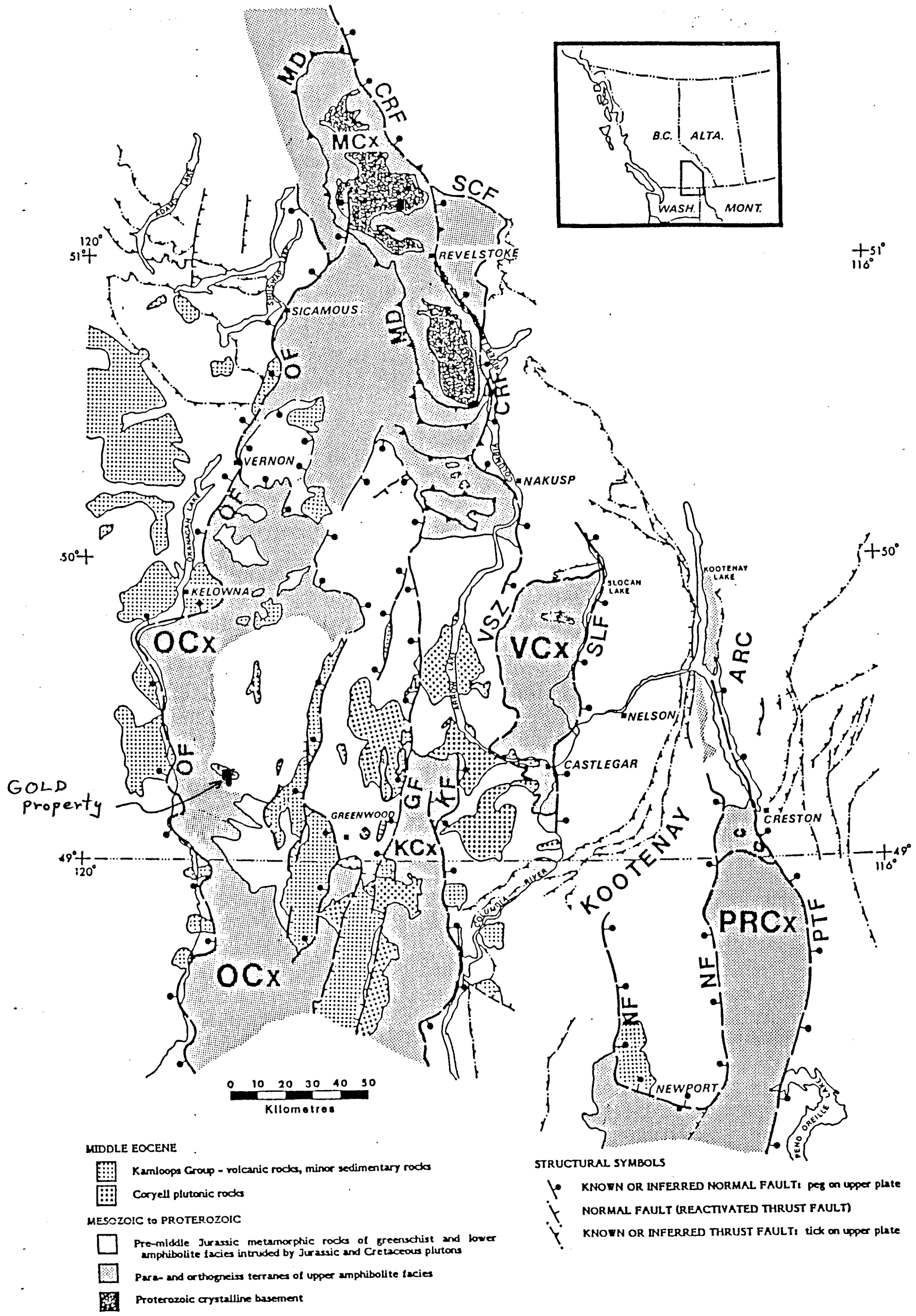
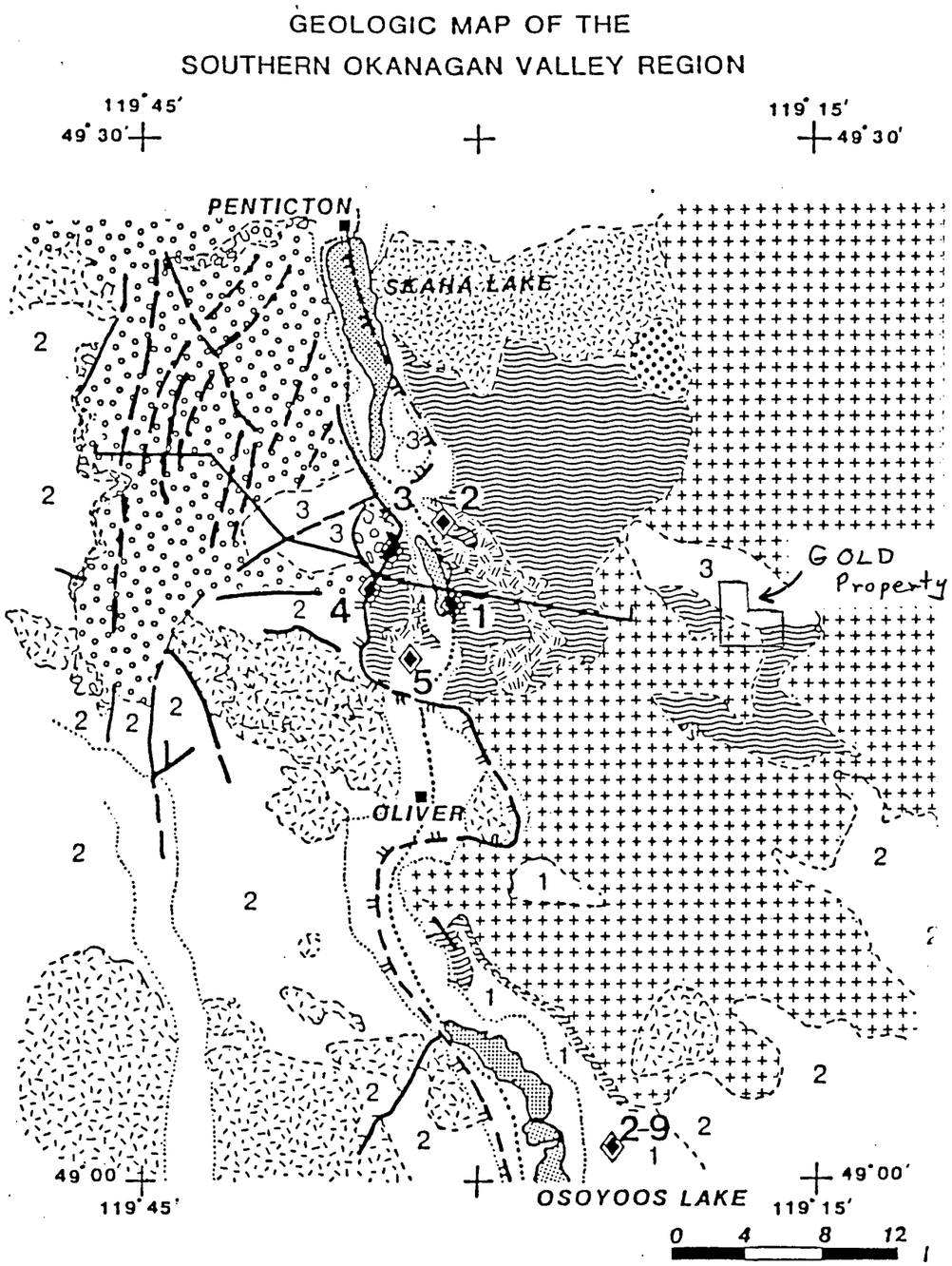


Figure 3
Regional geological map of southern B.C. (after Carr et al, 1987).



LEGEND

Geology of the Southern Okanagan Valley Region

	Qal	Alluvium
Tertiary	eTs eTcgl eTbr	Eocene sediments; non-marine ss & shales Eocene conglomerate Eocene breccia
Tertiary	eTv	Eocene volcanics; trachyte, dacite, trachy-andesite, andesite, basaltic andesite
Tertiary	eTi	Eocene intrusive; syenitic to granitic
Paleozoic-Mesozoic	lPz-eMz	late Paleozoic-early Mesozoic; greenstones, chert, limestone, argillites, minor grey-wacke; includes: Old Tom, Shoemaker, Kobau, Anarchist, and Nicola Fms or equivilants
age uncertain	pgn	paragneiss; amphibolite, feldspathic gneiss, semipelitic gneiss, calc-silicates, marble, schist; locally with up to and more than 50% granitic injections
Intrusive rocks	lgn	leucogneiss; concordant with foliation in surrounding pgn, possible J-K age
Cretaceous	Kg	Fairview granodiorite and Skaha lake gneissic granodiorite
Cretaceous	K-Jg	Granodioritic to granitic gneiss; most highly deformed adjacent to Okanagan valley decreasing deformation to the east
Jurassic	Jgr,Jd,Jgrd	Jurassic granite, foliated east of Okanagan valley; Jurassic hb-bi diorite; Jurassic hb granodiorite(similkameen batholith & probable satellites
Jurassic	eJg	early Jurassic granitic gneiss

Fault; known; assumed; hachure on upper plate

Contact; known; assumed

5 Field Trip Stop for Day 3

Road

Figure 4
Geological map of the Okanagan area, southern B.C. (Parrish et al, 1985).

Little government geological work has been done in the area, the main reference being a regional geological map by Little (1961). B.N. Church has mapped the rocks nearby to the northwest (1982) and southeast (1980) and D.J. Tempelman-Kluit has recently revised the geological map of the Penticton sheet (N.T.S. 82E) for the Geological Survey of Canada (Tempelman-Kluit, 1989). In addition, several papers discussing regional tectonics of southern B.C. have included geological maps with the Inkameep outlier and regional geology outlined (Parrish et al, 1985; Parrish et al, 1988; see Figures 3 and 4).

1988 AND 1989 EXPLORATION PROGRAM

Work in 1988 (not submitted for assessment credit) by Canadian Nickel Company Limited consisted of geological mapping, rock sampling and relogging and sampling 1984 drill core during October and November, 1989.

Geological mapping was conducted over the central and western parts of the property from October 25 to November 8, 1988. Traverses were conducted along all major and minor roads and off roads utilizing pace and compass methods and inspection of an air photograph. Data were plotted onto an enlarged air photograph at approximately 1:5000 scale and transferred to a basemap of the same scale with elevations contoured at 10 m intervals.

Twenty-nine rock samples were collected and analyzed by the ICP method for 30 elements, by fire assay and atomic absorption for gold, by specific ion electrode for fluorine and by cold vapour atomic absorption for mercury.

A total of 456.6 m of diamond drill core from three holes drilled in 1984 by Rio Algom were relogged, sawed in half and resampled via continuous intervals.

Work in 1989 is submitted for assessment credit and consisted of diamond drilling eight boreholes from March 14 to April 6, 1989 for a total of 1637.35 metres. A Longyear 38 drill retrieving NQ wireline core was employed and the contractor was Beaupre Diamond Drilling Limited of Princeton, B.C.

The core was sawn in half, logged and continuously sampled. Samples totalling 1472 were collected and analyzed by the ICP method for 30 elements and by fire assay and atomic absorption for gold. Drill core was stored at 350N,455W, about 50 m northwest of BH 72477 collar.

REGIONAL GEOLOGY

The northwest-trending Inkameep outlier is 12 km long and up to 3.5 km wide (see Figures 3 and 4). It is a klippe that lies upon a low angle fault contact with a basement of metamorphic core complex rocks, the Okanagan Complex. Eocene volcanic and sedimentary rocks constitute the klippe and Mesozoic and/or older gneisses, amphibolite and intrusive granitic rocks constitute the Okanagan Complex.

Regionally, Eocene rocks are separated from the Okanagan Complex by low and high angle normal faults and in places by an unconformity. Both the Dusty Mac and Vault deposits are hosted in Eocene volcanics about 25 km and 32 km to the northwest respectively.

Lithology

Lithology consists of metamorphic and plutonic rocks in the lower plate and Eocene volcanics and sediments in the upper plate (see Figure 5).The metamorphic rocks include biotite-quartz-feldspar paragneiss and amphibolite with local concordant aplite and pegmatite lenses and sills. These rocks are of uncertain age and are intruded by Jurasso-Cretaceous massive to foliated biotite-hornblende granite (Parrish et al, 1985).

Upper plate lithology consists of the following from the base upwards:

- Feldspar porphyritic trachyte with interbedded agglomerate and volcanic sandstone
- Intermediate feldspar crystal-lithic ash flow tuff
- Felsic feldspar crystal-lithic ash flow tuff
- Heterolithic cobble conglomerate and volcanic sandstone
- Pale green ash tuff.

Structure

Structure is quite variable on the property (see Figure 5). Metamorphic and plutonic rocks in the lower plate exhibit pervasive foliation, schistosity and gneissosity typical of ductile deformation at amphibolite facies metamorphism. Attitudes are generally consistent with an east-southeast strike and gentle to moderate dip to the north. Two persistent major fracture directions are present: 325° to 335° and 035° to 045°.

Volcanic and sedimentary rocks in the upper plate are in varying attitudes of repose. The regional geologic maps suggest a northwesterly strike with moderate dip to the northeast. However, local discordance with this general attitude is widespread. About 1 km west of the GOLD claim, a relatively continuous 1 km transect across the klippe gave bedding attitudes ranging from 095° to 160° strikes with respective dips of 68° south and 55° northeast. Just east of the GOLD claim, local bedding attitudes range in strike from 005° to 032° with dips of 30° east and 40° southeast respectively. This variation in attitude is consistent with tilting and rotation of different parts of the klippe as a result of sliding on top of the detachment fault. Assuming an overall dip to the east-northeast, the sense of klippe movement is to the west-southwest. Air photo lineaments suggest that a fracture system cuts the klippe with directions of 035° to 045° , 290° to 310° and 005° to 010°.

The upper and lower plates are separated by a detachment fault of regional extent. Well exposed along Venner Creek below Venner Meadows, the detachment fault shows a wide variation in strain. Rocks of the Okanagan Complex rarely show hydrothermal alteration or features associated with brittle strain; however, the detachment fault zone is an exception to this. From about 45 m to 15 m below the top of the detachment fault, amphibolite is moderately fractured with blocky fractures spaced tens of centimetres apart and commonly bearing calcite veinlets. Low angle to horizontal shear fractures occur spaced one to a few metres apart, commonly with chlorite along slickenside surfaces. Mafic minerals are locally replaced by chlorite. A zone of chloritic breccia occurs from 15 m below to the top of the detachment fault. Within this zone, amphibolite is highly sheared, crushed and granulated with all mafic minerals altered to chlorite. The chlorite is schistose and forms a widespread matrix to clasts of feldspar and quartz grains and leucocratic rocks. Granite and pegmatite occur as highly fractured lenses several centimetres to one metre long. Abundant curved, concave-upwards, spall-type flat to low angle shear fractures cut the rocks and are host to minor calcite and quartz veinlets. A crude fracture cleavage striking 115° with a dip of 25° northeast is cut by vertical extensional joints with minor gouge trending 015°.

Volcanic rocks overlying the detachment are intensely fractured with pervasive moderate clay alteration, mafic mineral chlorite alteration and local stockworks of calcite veinlets. Flat to low angle shear fractures spaced several metres apart are present.

Alteration

Both metamorphic and hydrothermal alteration have affected rocks on the GOLD property. Okanagan Complex rocks in the lower plate have mineral assemblages consistent with regional amphibolite facies metamorphism: biotite, hornblende, quartz, feldspar, etc.

Both upper and lower plate rocks in proximity to the detachment fault are regionally hydrothermally altered to a propylitic facies with chlorite and calcite. Chlorite occurs as mafic mineral replacement and calcite as vein and veinlet fault and fracture fillings, as veinlet stockwork in shattered rock and as matrix in fault breccia. Rocks within the detachment zone appear to be depleted in gold, silver and copper and enriched in barium (see Table II).

Local intense propylitic and argillic hydrothermal alteration is associated with sites of mineralization in the upper plate, specifically quartz$\pm$calcite matrix fault breccias and veins.

Wells (1982) describes clay alteration in the adjacent VENNER Zone to the east as per following: "Many strong chloritic clay zones of variable width occur in the 1982 and 1983 drill holes. Some of these represent faults or fault zones. A few of the clay zones carry gold values while the others are barren or weakly anomalous. Gold values in these zones are usually, but not always, related to sulphide content (pyrite). The zones with higher gold values occur in close proximity (less than 30 m) to the mineralized breccia zones and may represent parts of fracture zones that have not been silicified or have been subjected to later refracturing with clay alteration masking earlier events. A good example of this is Lacana hole 83-18 which has clay zones with anomalous gold values below a mineralized breccia zone (Lacana hole 83-10).

Locally the clay zones are hematized and may carry gold values. Overall, the clay zones tend to have narrower and lower grade gold mineralization than the breccia zones."

Mineralization

Mineralization is of two main types: veins and variably pyritic and siliceous breccias. A few veins are exposed at surface but the breccias have not been found in outcrop.

Main showing on the GOLD property is the ROAD showing which consists of several veins immediately west of the mineralized fault breccias on the VENNER claim. The veins form a composite sheeted vein structure with several quartz, quartz-calcite and calcite veins cutting feldspar porphyritic trachyte. Locally, calcite veins also cut the quartz vein. Some of the calcite veins are massive whereas others contain numerous 1 mm thick bands. Veins at the ROAD showing trend about 100° and dip moderately to steeply to the southwest and about 50 m southwest of the ROAD showing, a trenched quartz-calcite vein trends 043° with a dip of 58° northwest.

Cann (1985) reported 2.3 g/t Au and 5.1 g/t Ag over a 6 m interval of the ROAD showing and Canadian Nickel sampling of the same showing gave 1.5 ppm Au and 11.9 ppm Ag over 6.5 m including 3.4 ppm Au and 29.4 ppm Ag over 1.9 m. Mutual proximity of these veins suggests they may be continuous, but they have locally different attitudes and may be along a set of conjugate fractures.

The 1989 drilling intersected the south-dipping ROAD zone in boreholes 72474 and 72478. However, the zone is apparently cut off further to the south because it was not intersected in BH 72479.

Breccia is commonly associated with faults and locally with mineralization on the GOLD property. They commonly contain disseminated to massive pyrite and are variably silicified. Jasperoid, hematite and clay alteration characterize them within the zone of surface oxidation. The main occurrence of breccia along the middle E-W fault on the adjacent VENNER claim to the east has some significant gold-bearing intersections (see Table I):

TABLE I
GOLD ENRICHED INTERSECTIONS, VENNER CLAIM
1982, 83 LACANA DRILLING

DDH	Interval (m)	Length (m)	Au (g/t)
83-17	127.9 -128.7	1.8	weakly anomalous
83-9	52.15- 53.12	1.0	152.5
83-16	146.0 -147.0	1.0	28.86
83-7	52.36- 56.38	4.0	3.77
82-6	74.00- 76.00	2.0	14.81
82-1	38.0 - 40.0	2.0	3.77

The 1989 drilling by Canadian Nickel Company Limited demonstrated minor anomalous elevated gold values in the breccias.

Similarity of alteration, episodic vein banding, spatial proximity and probable related brittle deformation structures suggest that the local structures hosting the mineralization are related to the more regional structures such as the detachment fault. Float of quartz matrix breccia near the ROAD showing contains fragments of chloritic volcanics and biotite gneiss, thus indicating transport of fragments within a dilational structure (listric fault?) upwards from the top of the lower plate.

GEOCHEMISTRY AND GEOPHYSICS

The soil geochemistry program undertaken by Rio Algom in 1984 (Cann, 1985) revealed different geochemical signatures for the upper and lower plates. A broad area of anomalous Cu±Ag response occurs over rocks of the lower plate Okanagan Complex south of the GOLD claim whereas As-Au-Ag-Pb anomalies characterize the upper plate rocks on the GOLD claim. Anomalies in the upper plate tend to trend either northeasterly or northwesterly and to coincide with VLF-EM conductors and magnetic lows.

Reconnaissance rock geochemistry sampling (n=36) of the Inkameep klippe by Canadian Nickel reveals four main lithologic populations that are characterized by specific geochemical signatures: 1) mineralized - enriched Au, Ag, Pb; 2) altered and unmineralized - no significant metal content; 3) within the detachment fault zone - anomalously high in Ba and low in Au and Ag; 4) unaltered - no significant metal content.

TABLE II

RECONNAISSANCE ROCK GEOCHEMISTRY OF THE INKAMEEP KLIPPE

Element	Unaltered n=7	Altered n=8	Detachment n=9	Mineralized n=12
Au ppb	13	56	2	1192
Cu ppm	18	63	13	14
Pb ppm	11	13	9	20
Zn ppm	63	56	49	30
Ag ppm	0.2	0.80	0.11	6.9
Mn ppm	397	278	551	593
As ppm	3	567	8	45
Ba ppm	88	118	322	38
Hg ppb	5	16	6	15
F ppm	445	393	390	698

DRILLING

Physical data concerning the 1989 drilling program is presented in Table III. Borehole gold abundance is shown in Table IV and several anomalous gold-enriched zones indicated by the 1989 drilling and are shown in Table VI. Similarly, data showing gold enrichment encountered by the 1988 continuous sampling of the 1984 drillcore is in Table V. Drill core is stored at 350N,455W, about 50 m northwest of BH 72477 collar.

TABLE III

SUMMARY OF DIAMOND DRILLING - GOLD PROPERTY, B.C., NTS 82E-6W; MARCH 14 - APRIL 6, 1989

BOREHOLE NUMBER	COLLAR LOCATION	ELEVATION (m)	AZIMUTH	INCLIN-ATION	DEPTH
72472	118W/324N	1444	135°	-45°	135.03
72473	132W/338N	1442	135°	-65°	117.65
72474	045W/250N	1456	-	-90°	222.50
72475	226W/536N	1436	315°	-50°	169.16
72476	226W/536N	1436	-	-90°	297.79
72477	400W/300N	1403	135°	-50°	245.35
72478	032W/054N	1431	360°	-45°	196.29
72479	032W/054N	1431	-	-90°	253.58

TABLE IV

GOLD ABUNDANCE IN 1989 BOREHOLES

BOREHOLE	NO. OF SAMPLES	FREQUENCY OF GOLD VALUES (ppb) % >/= 10	% >/= 40	% >/= 100	% >/= 500
72472	181	56.9	24.9	8.3	1.1
72473	128	38.3	19.5	4.7	0.8
72474	262	58.3	13.0	4.6	1.2
72475	143	28.0	6.3	3.5	1.4
72476	236	32.2	6.4	1.3	0.4
72477	163	43.6	17.8	9.2	6.1
72478	205	63.9	25.4	5.9	0.5
72479	143	44.1	20.3	5.6	1.4

TABLE V

GOLD-ENRICHED INTERSECTIONS - 1984 DRILLING (1988 SAMPLING)

Diamond Drill Hole	Style of Mineralization	Sample Interval (m)	Length (m)	Au (av. ppb)
84-1	Breccia	20.00 - 24.00		4.0 40
	Breccia	80.10 - 81.45	1.35	338
	Breccia	121.80 -131.52	9.72	47
84-2	Breccia	10.00 - 11.00	1.00	220
	Veining	35.00 - 38.00	3.00	150
84-3	Veining	14.62 - 16.00	1.38	107
	Veining	30.13 - 30.31	0.18	198
	Veining	32.96 - 35.00	2.04	224
	Veining	37.21 - 37.50	0.29	270
	Veining	53.52 - 58.00	4.48	73
	Veining	70.00 - 72.00	2.00	210

Two types of mineralization are responsible for the zones: 1) fault breccia with silicified clasts in a variably siliceous and pyritic matrix with abundant gouge locally and 2) veining by discrete few to several centimetre-thick quartz - calcite ± fluorite veins.

Geochemistry of the drillhole samples can be analyzed by inspecting specific anomaly percentiles (see Table IV). Elements showing a positive correlation with Au include Ag, Mo and As (see analyses in Appendix B). High Ca, Mg and Sr values correspond to local enrichment in hydrothermal calcite and dolomite associated with propylitic alteration.

Discussion

Boreholes 72472 to 72474 were designed to test the vicinity of the ROAD zone vein showings. Borehole 72472 cut a sequence of porphyritic trachyte lava flows and intercalated trachytic agglomerate and bottomed out into a pyritic siliceous breccia zone. The highest gold value of 753 ppb over 0.97 m (averaged) is from a near flat-lying qyartz - calcite - fluorite vein at 102 m.

Borehole 72473 cut under BH 72472 20 m to the northwest. It encountered the same rocks with a pyritic siliceous breccia zone at the base. Quartz - calcite - fluorite veining at 68 m averaged 449 ppb Au over 0.55 m and is probably the extension of the texturally similar quartz vein in BH 72472.

Borehole 72474 is 104 m southeast of BH 72472 and has cut an agglomerate-rich sequence and a pyritic siliceous breccia zone midway down the hole. Below the breccia zone, trachyte and tuff occur which are intruded lowed down by a felsic feldspar-porphyritic sill or dyke. In the upper part of the hole at 40 m depth, a zone of quartz veining is present that is texturally similar to the ROAD zone and is probably its downdip extension. The zone averaged 476 ppb Au over 4.93 m. A gouge and breccia-filled fault zone at 70 m depth probably represents a 60 degree dipping listric fault that may merge with and flatten out into the lower pyritic siliceous breccia zone.

Borehole 72475 was designed to test a fault structure along Solco Creek. It cut porphyritic trachyte and agglomeratic trachyte that were themselves cut by numerous steeply dipping to vertical faults. Few quartz veins of significant size or grade were encountered.

Borehole 72476 was designed to test below a coincident VLF-EM high and nearby gold soil geochemical anomalies and the upper plate - lower plate interface. It cut a sequence of porphyritic trachyte, trachytic tuff and agglomerate that is intruded by up to four sills of feldspar porphyry. Disseminated pyrite is common in the volcanics between the sills. The hole entered into mylonite, cataclasite and amphibolite at 270 m and bottomed out in these rocks at 298 m. No quartz veins of significant size or grade were encountered.

Borehole 72477 was designed to test a magnetic low crossed by a VLF-EM conductor and the upper plate - lower plate interface. It cut agglomerate and trachytic tuff intruded by a basal feldspar porphyry sill in fault contact with underlying rocks of the metamorphic core complex : mylonite and amphibolite. Several extensive fault zones cut the volcanic rocks and their trend is subparallel to the VLF-EM conductor. No quartz veins of significant size or grade were encountered but a zone of quartz - pyrite veining and silicification in agglomerate averaged 233 ppb Au over 13.98 m at 79 m depth.

Borehole 72478 was designed to test for the southern extension of the ROAD zone. It cut mainly agglomerate with minor interbedded trachyte. Several quartz veins were intersected, including the ROAD zone extension at 108 m which averaged 1175 ppb Au over 2.97 m.

Borehole 72479 was designed to test for the southern extension of the ROAD zone and the upper plate - lower plate interface. It cut a sequence of agglomerate and lapilli tuff intruded by a feldspar porphyry sill which separated the volcanics from the underlying rocks of the metamorphic core complex : amphibolite, chlorite breccia and pegmatite. No extension of the ROAD zone was intersected and only minor gold mineralization was determined associated with quartz and quartz - calcite veining.

TABLE VI
GOLD-ENRICHED ASSAYS, 1989 DRILLING*
GOLD PROPERTY

Borehole	Interval (m)	Inter section (m)	Gold (ppb)+	Description
72472	102.15-102.38	0.23	634	Trachyte cut by 4 cm thick calcite, quartz, fluorite vein at 60°, silicified wallrock is rich in disseminated pyrite (45%), 20% veining.
	102.38-103.12	0.74	790	Trachyte cut by more than 5 cm thick crudely banded quartz, calcite, pyrite, fluorite vein parallel to core axis, heavily disseminated pyrite in wallrock, 40% veining.
72473	68.20-	68.450.25	520	Breccia of fractured trachyte and variably silicified and pyritized trachyte clasts; appears to be 2 stages of veining with early dark and pale quartz, pyrrhotite and pyrite veining and related replacement cross cut by later quartz, calcite, fluorite veining; matrix of 20% quartz and 20% pyrite and pyrrhotite; clast-supported framework.

Borehole	Interval (m)	Inter section	Gold (ppb)+	Description
72474	27.52- 28.19	0.67	610	Brecciated agglomerate, abundant broken core, chloritic, local gouge and rock flour matrix.
	41.19- 42.12	0.93	730	Intensely silicified agglomerate cut by 1% patchy quartz, calcite veining.
	42.78- 43.32	0.54	15,500	White quartz vein crudely interbanded with calcite, with angle to core axis of 45°, 8 cm thick, `vein breccia clasts and wallrock intensely to totally silicified, less than 1% pyrite, 30% quartz veining.
72475	38.38- 39.21	0.83	1,100	Porphyritic trachyte cut by several quartz calcite veins with local yellowish clay envelope, veins up to 1 cm thick and angles to core axis of 20°, 4% veining.
72475	135.64-135.75	0.11	1,640	Agglomerate cut by highly faulted 1 cm thick quartz calcite pyrite vein with angle to core axis of about 35°, 4% veining.

Borehole	Interval (m)	Inter section	Gold (ppb)+	Description
72476	94.20- 94.43	0.23	1,370	Brecciated tuff with clasts of quartz vein material and some patchy quartz veining up to 2 cm thick, 15% veining; local gouge along shear fractures.
72477	79.97- 80.41	0.44	619	Agglomerate cut by quartz calcite vein, sub-parallel to 10° to core axis, up to 1 cm thick, 2% pyrite, 8% veining.
72478	109.90-110.12	0.22	13,620	White to pale grey crudely banded quartz vein with 1.5 cm thick white calcite borders, angle to core axis 50 to 60°, some clasts of wallrock, 90% veining.
72479	44.23- 44.58	0.35	797	Lapilli tuff cut by brecciated white quartz vein and by medium grey dull cryptocrystalline quartz with some intra-vein graded bedding, 18% veining, veins up to 1 cm thick and subparallel to 20° angle with core axis.
72479	122.89-123.14	0.25	1575	Agglomerqate cut by 30% patchy quartz calcite veins and vein breccia up to 3 cm thick.

+ Only gold values > 500 ppb listed in table.

CONCLUSIONS

Gold occurs in quartz - calcite veins and associated breccias on the GOLD property. The veins are locally rich in gold but are too few in number, too small and too discontinuous to be economically significant. The surface ROAD zone has been traced by drilling to a point 190 m south and 105 m deep. Zones of silicification accompanied by quartz veining also occur but these are too low in grade to be economically significant.

Zones of pyritic and siliceous breccia are geochemically anomalous in gold. However, they may be expected to have little economic significance because they are not hydrothermal breccias but rather appear to be related to lateral dilational expansion associated with the intrusive feldspar porphyry sills and to desulphidation of volatiles asociated with the sills.

The area tested by the 1989 and earlier drilling is close to the detachment fault and accordingly displays much faulting and disruption of vein structures. A potentially more favourable environment may be in the higher levels of the upper plate Eocene rocks. No gold enrichment was determined near the upper plate - lower plate interface.

REFERENCES

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Statement of Expenditures - 1989

GOLD CLAIM GROUP

Drilling (Beaupre Diamond Drilling Ltd.) Holes 72472-79 inclusive (1634.3 m) Core boxes and lids	$100,375.19
Assays (Acme Analytical - ICP, Au) 1,472 core samples @ $16.75	24,656.00
Field Personnel Salaries	
Project Geologist, J. Morin March 13 - April 16 31 days @ $280.00	8,680.00
Field assistant, R. Solomon March 13 - April 18 30 days @ $87.00	2,610.00
Field assistant, P. Solomon March 13 - April 18 31 days @ $87.00	2,697.00
Office Salaries Report Writing - 6 days @ $280.00	1,680.00
Personnel Expenses	
Food	1,023.71
Accommodation	875.00
Transportation	
Truck Rental	1,251.65
Gasoline	340.43
Equipment and Supplies 1,641.31 (Gasoline fuel, lubricants, mechanical supplies, plastic bags, dymo tape, etc.)	
Freight	627.10
	$146,457.39

AUTHOR'S QUALIFICATIONS

I, James A. Morin, of the City of Vancouver, in the Province of British Columbia, HEREBY CERTIFY:

1. THAT I reside at 202-1665 Nelson Street, Vancouver, British Columbia, V6G 1M3

2. THAT I am a graduate of the University of Manitoba, Winnipeg, Manitoba with degrees of Honours Bachelor of Science (1969) and Master of Science (1970) and of the University of Saskatchewan, Saskatoon, Saskatchewan with the degree of Doctor of Philosophy (1979).

3. THAT I am a Project Geologist, B.C. and Yukon, with Inco Gold Management Inc., with offices at 512-808 Nelson Street, Vancouver, B.C., V6Z 2H2.

4. THAT I have practised my profession as a geologist since 1969, having worked in Ontario, Northwest Territories, Yukon Territory and British Columbia.

5. THAT I visited the property and that the work described in this report was carried out under my supervision or by me on behalf of Canadian Nickel Company Limited.

6. THAT I am a member of the Geological Association of Canada, a member of the Canadian Institute of Mining and Metallurgy, a member of the Society of Economic Geologists and a registered Professional Engineer with the Association of Professional Engineers of Yukon Territory.

DATED at Vancouver, British Columbia, this 14th day of June, 1989.

J.A. Morin

APPENDIX A

**********INCO LIMITED**********

FIELD EXPLORA DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 324.0 m	NTS SHEET #	: 82E-6W	STARTED	: 14 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -118.0 m	TOWNSHIP	:	COMPLETED	: 16 March,1989
BOREHOLE	: 72472-0	ELEVATION	: 1444.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: 135.0	BL AZIMUTH	: 360	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -45.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 135.0 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: No test made - tubes no
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
Nothing left in hole
LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	2.13	CASING										
			NS	.00	2.13	2.13		n/a	n/a	n/a	n/a	n/a
2.13	13.91	TUFF										
2.13	3.20	Oxidized drab pale olive brown, feldspar	FX411301	2.13	3.20	1.07		.008	.3	27	26	1
		phenocrysts common, abundant broken core.	FX411302	3.20	3.96	.76		.005	.1	15	46	2
3.20	3.96	As above, no veining or pyrite, moderate	FX411303	3.96	4.74	.78		.019	.5	81	61	10
		patchy jasperoidal alteration.	FX411304	4.74	5.63	.89		.003	.1	9	25	1
3.96	4.74	As above with 11 centimetres lost core, core	FX411305	5.63	6.38	.75		.003	.1	11	71	2
		pebbles common, moderate patchy jasperoidal	FX411306	6.38	7.32	.94		.002	.1	8	49	1
		alteration, 1 centimetre pebble of fluorite,	FX411307	7.32	8.30	.98		.001	.1	7	67	1
		abundant broken core.	FX411308	8.30	9.31	1.01		.002	.1	10	141	1
4.74	5.63	As above but not oxidized, cut by more than 40	FX411309	9.31	10.27	.96		.001	.1	10	158	2

**********DESCRIPTION**********

FROM m	TO m	
		patchy clots calcite and minor quartz veins, and 1 millimetre to 10 millimetre thick, 7% veining, up to 1% pyrite, moderate chlorite and weak clay alteration.
5.63	6.38	As above cut by 29 veins calcite, hairline to 10 millimetre thick, at angle of 60 degrees to core axis, 2% veining, up to 1% pyrite, weak jasperoidal and weak chlorite alteration.
6.38	7.32	As above cut by more than 20 veinlets calcite, hairline to 2 millimetre thick, at angle of 60 degrees to core axis, up to 1% veining, 0% pyrite, weak to moderate patchy jasperoidal weak chlorite alteration.
7.32	8.30	As above but dark gray, abundant broken core, rare veining, more than 1% dust-like pyrite, intense silicification.
8.30	9.31	As above cut by 12 veinlets calcite and pyrite, hairline to 2 millimetre thick, up to 1% veining, more than 1% dusty pyrite, intense silicification, abundant broken core.
9.31	10.27	As above cut by 15 veinlets calcite, hairline to 2 millimetre thick, 1% veining, 0% pyrite, moderate silicification.
10.27	10.95	As above but abundant broken core, cut by 6 veinlets calcite, hairline to 1 millimetre thick, up to 1% veining, 0% pyrite, moderate silicification.
10.95	11.89	As above cut by more than 9 veinlets calcite and pyrite, hairline to 2 millimetre thick, up to 1% veining, more than 1% pyrite, moderate silicification, pyrite dust-size and difficult to recognize.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411310	10.27	10.95	.68		.009	.1	6	249	2
FX411311	10.95	11.89	.94		.040	.1	6	162	1
FX411312	11.89	12.19	.30		.016	.4	51	52	4
FX411313	12.19	13.41	1.22		.006	.1	5	73	1
FX411314	13.41	13.91	.50		.011	.1	6	38	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	11.89	12.19 As above cut by 12 veinlets quartz, calcite and pyrite, hairline to 5 millimetre thick, at angles of 60 degrees and saprolite to core axis.										
	12.19	13.41 As above cut by more than 16 veinlets calcite, quartz and pyrite, hairline to 5 millimetre thick, at angles of 60 degrees and saprolite to core axis, more than 1% veining, 1% pyrite, local intense jasperoidal alteration, weak to moderate silicification.										
	13.41	13.91 As above cut by more than 16 patchy calcite veinlets, hairline to 2 centimetre thick, at angle of 90 degrees to core axis, 8% veining, 0% pyrite, weak jasperoidal alteration, intense chlorite alteration.										
13.91	24.43	AGGLOMERATE										
	13.91	14.74 Agglomerate cut by more than 15 calcite veinlets, hairline to 2 millimetre thick, 1% veining, 0% pyrite, local moderate jasperoidal matrix replacement, local gouge and rock flour matrix, local intense chlorite and clay alteration, several fault breccia fractures.	FX411315	13.91	14.74	.83		.030	.2	24	37	2
			FX411316	14.74	15.73	.99		.015	.5	49	40	2
			FX411317	15.73	16.46	.73		.014	.5	60	46	2
			FX411318	16.46	17.54	1.08		.028	.6	156	41	8
			FX411319	17.54	18.54	1.00		.007	.2	7	34	1
			FX411320	18.54	20.00	1.46		.004	.1	8	41	1
			FX411321	20.00	20.45	.45		.003	.1	9	39	1
	14.74	15.73 As above cut by more than 6 veinlets calcite with minor fluorite, patchy, hairline to 10 millimetre thick, 1% veining, 0% pyrite, weak jasperoidal alteration, local intense chlorite clay alteration, several fault breccia fractures.	FX411322	20.45	21.41	.96		.010	.4	102	38	1
			FX411323	21.41	22.29	.88		.001	.2	12	35	1
			FX411324	22.29	22.56	.27		.002	.1	11	43	1
			FX411325	22.56	23.57	1.01		.001	.2	60	33	1
			FX411326	23.57	24.43	.86		.007	.2	66	35	4

**********DESCRIPTION**********

FROM m	TO m	
15.73	16.46	As above cut by 15 veinlets patchy calcite, 1 millimetre to 10 millimetre thick, 2% veining, 0% pyrite, weak jasperoidal matrix replacement, moderate to intense clay and chlorite altered clasts.
16.46	17.54	As above cut by 6 veinlets calcite with minor fluorite, hairline to 6 millimetre thick, at angle of 45 degrees to core axis, more than 1% veining, 0% pyrite, local clast alteration to intense clay and chlorite alteration.
17.54	18.54	As above cut by 6 veinlets calcite, hairline to 2 millimetre thick, up to 1% veining, clast alteration to intense chlorite and clay, weak red hematite matrix alteration ?.
18.54	20.00	As above cut by 28 calcite veinlets, minor patchy, hairline to 1 centimetre thick, at angle of 45 degrees, more than 1% veining, 0% pyrite, intense clay and chlorite altered clasts, weak jasperoidal matrix alteration.
20.00	20.45	As above cut by more than 8 calcite veinlets, 1 millimetre to 5 centimetre thick, at angle of 60 degrees to core axis, 5% veining, 0% pyrite, weak jasperoidal alteration envelope to veins and replacement of clasts in vein, remainder is intense to total chlorite alteration.
20.45	21.41	Agglomerate cut by 13 veinlets calcite, hairline to 3 millimetre thick, 1% veining, up to 1% pyrite, weak jasperoidal matrix, moderate chlorite and intense clay alteration of clasts.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		21.41 22.29 As above cut by 10 calcite veinlets, hairline to 3 millimetre thick, up to 1% veining, 0% pyrite, alteration as above.										
		22.29 22.56 As above cut by 7 calcite and rock flour veins, hairline to 3 centimetre thick, at angle of 70 degrees to core axis, 10% veining, 0% pyrite, alteration as above.										
		22.56 23.57 As above cut by 7 veinlets calcite, hairline to 3 millimetre thick, at angle of 45 degrees to core axis, 1% veining, 0% pyrite, alteration as above.										
		23.57 24.43 As above cut by 24 calcite veinlets, at angle of 90 degrees to core axis, 1% veining, 0% pyrite, alteration as above.										
24.43	36.95	BASALT										
		Porphyritic with 30% feldspars phenocryst and 5% mafic phenocrysts.	FX411327	24.43	25.08	.65		.003	.1	7	58	1
		24.43 25.08 As above cut by 12 quartz, calcite veinlets, hairline to 1 centimetre thick, at angle of 60 degrees to core axis, up to 1% veining, 0% pyrite, weak chlorite alteration, total clay alteration of feldspars phenocrysts.	FX411328	25.08	25.96	.88		.002	.1	12	65	1
			FX411329	25.96	26.68	.72		.002	.1	10	55	1
			FX411330	26.68	26.87	.19		.001	.2	9	84	1
			FX411331	26.87	27.28	.41		.001	.1	13	60	1
			FX411332	27.28	28.04	.76		.001	.1	10	76	2
			FX411333	28.04	28.65	.61		.002	.1	9	60	1
		25.08 25.96 As above cut by 11 calcite veinlets, up to 1% veining, 0% pyrite, anastomosing minor intense jasperoidal alteration, intense clay alteration of phenocrysts, weak chlorite alteration of matrix, fault at lower contact with 10 centimetre chlorite matrix fault breccia.	FX411334	28.65	29.66	1.01		.001	.1	8	48	1
			FX411335	29.66	30.33	.67		.001	.1	11	47	1
			FX411336	30.33	31.21	.88		.001	.1	8	45	1
			FX411337	31.21	32.18	.97		.003	.2	7	38	2
			FX411338	32.18	32.98	.80		.006	.1	7	35	1
			FX411339	32.98	33.98	1.00		.003	.1	4	41	1
			FX411340	33.98	34.75	.77		.001	.1	5	36	1
		25.96 26.68 As above cut by 11 veinlets calcite, quartz,	FX411341	34.75	35.76	1.01		.001	.1	7	139	1

**********DESCRIPTION**********

FROM m	TO m	
		hairline to 2 millimetre thick, up to 1% veining, 0% pyrite, weak chlorite alteration, moderate clay alteration of feldspar phenocrysts.
26.68	26.87	As above cut by 8 veinlets calcite, quartz and fluorite, hairline to 1.5 centimetre thick, at angle of 45 degrees to core axis, 8% veining, 0% pyrite, moderate jasperoidal alteration envelope, chlorite and clay alteration as above.
26.87	27.28	As above cut by 11 veinlets calcite, hairline to 1 millimetre thick, at angle of 45 degrees, up to 1% veining, 0% pyrite, weak chlorite alteration, moderate clay altered phenocrysts.
27.28	28.04	As above with abundant broken core and cut by 5 calcite veinlets, hairline to 1 millimetre thick, up to 1% veining, up to 1% pyrite, moderate silicification ?, minor local jasperoidal alteration.
28.04	28.65	As above cut by more than 11 calcite veinlets, hairline to 1 millimetre thick, up to 1% veining, up to 1% pyrite, relatively unaltered, moderate chlorite and clay alteration of phenocrysts.
28.65	29.66	As above cut by more than 30 calcite veinlets, hairline to 5 millimetre thick, 1% veining, up to 1% pyrite, talc along fractures, phenocryst alteration to intense chlorite and clay alteration, rock is highly shattered and may be a crush zone.
29.66	30.33	As above with abundant broken core and cut

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411342	35.76	36.66	.90		.004	.1	2	138	1
FX411343	36.66	36.95	.29		.001	.2	7	144	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		by more than 6 calcite, quartz veinlets, hairline to 3 centimetre thick, at angle of 40 degrees to core axis, 3% veining, up to 1% pyrite, relatively unaltered matrix, intense clay and chlorite alteration of phenocrysts.										
30.33	31.21	As above cut by more than 14 veinlets calcite, quartz (locally blue), chlorite with very delicate banding, hairline to 1 centimetre thick, at angle of 45 degrees to core axis, more than 1% veining, 0% pyrite, minor moderate jasperoidal alteration, phenocrysts altered as above.										
31.21	32.18	As above cut by 6 veinlets calcite and quartz with delicate banding, hairline to 5 millimetre thick, at angle of 60 degrees to core axis, 1% veining, 0% pyrite, relatively unaltered, weak chlorite and clay alteration of phenocrysts.										
32.18	32.98	As above cut by 16 veinlets calcite, quartz, chlorite and pyrite, hairline to 6 millimetre thick, 2% veining, up to 1% pyrite, unaltered, weak clay and chlorite alteration of phenocrysts.										
32.98	33.98	As above cut by 11 calcite veinlets, hairline to 2 millimetre thick, 1% veining, 0% pyrite, alteration as above.										
33.98	34.75	As above cut by 11 calcite veinlets, hairline thick, up to 1% veining, 0% pyrite, alteration as above.										
34.75	35.76	As above with abundant broken core and cut by more than 10 calcite, quartz and fluorite										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		veinlets, hairline to 2 centimetre thick, more than 1% veining, 0% pyrite, alteration as above.										
	35.76 36.66	As above with abundant broken core, cut by more than 11 calcite veinlets with local patchy network , hairline to 1 centimetre thick, 2% veining, 0% pyrite, moderate phenocryst alteration to chlorite and clay, moderate alteration matrix to chlorite.										
	36.66 36.95	As above cut by 6 quartz, calcite veinlets, hairline to 2 centimetre thick, at angle of 20 degrees to core axis, 6% veining, 0% pyrite, gouge and fault breccia at lower contact parallel to and overlain by vein, alteration as above.										
36.95	37.53	FAULT										
	36.95 37.19	Agglomerate is brecciated with local crush zones and cut by 17 calcite veinlets, hairline to 3 millimetre thick, 2% veining, 0% pyrite, moderate jasperoidal alteration of matrix, intense chlorite alteration of clasts.	FX411344	36.95	37.19	.24		.001	.1	7	316	1
			FX411345	37.19	37.53	.34		.001	.2	6	30	1
	37.19 37.53	As above crush zone with clasts of jasperoid, quartz vein material, volcanics, in chlorite -rich rock flour and gouge matrix										
37.53	40.41	AGGLOMERATE										
		Wispy to blocky green mafic clasts in pale reddish gray felsic tuff matrix.	FX411346	37.53	37.96	.43		.008	.3	33	61	3
			FX411347	37.96	38.96	1.00		.003	.2	4	39	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		37.53 37.96 As above cut by 19 veinlets calcite, hairline to 5 millimetre thick, at angles of 45 to 60 degrees to core axis, 1% veining, 0% pyrite, weak jasperoidal altered matrix, total chlorite and clay alteration of clasts	FX411348	38.96	39.33	.37		.006	.1	9	30	1
			FX411349	39.33	39.90	.57		.018	.5	44	43	17
			FX411350	39.90	40.41	.51		.006	.2	13	26	1
		37.96 38.96 As above with jasperoidal alteration of matrix, clasts alteration to intense chlorite, 1% calcite veining, veinlets up to 2 millimetre thick.										
		38.96 39.33 As above, chlorite breccia at upper contact indicates fault, 3% calcite veining, veinlets up to 2 millimetre thick.										
		39.33 39.90 As above with chlorite matrix, may be chlorite breccia.										
		39.90 40.41 As above, mainly jasperoid breccia with chlorite breccia.										
40.41	40.84	BASALT										
		Porphyritic with intense chlorite alteration.	FX411351	40.41	40.84	.43		.004	.1	4	28	1
40.84	41.05	FAULT										
		5 Centimetre thick gouge cuts chloritic basalt.	FX411352	40.84	41.05	.21		.005	.2	10	34	1
41.05	43.05	AGGLOMERATE										
		41.05 42.05 Agglomerate with weak jasperoidal matrix and chloritic clasts, fault breccia at upper contact, 2% patchy calcite veining.	FX411353	41.05	42.05	1.00		.008	.2	20	63	2
			FX411354	42.05	43.05	1.00		.001	.7	43	30	5
		42.05 43.05 As above with quartz and pyrite in matrix, weakly silicified.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
43.05	45.23	BRECCIA										
		43.05 43.89 Gray quartz fault breccia with matrix of rock flour, 2% lensy pyrite, minor chlorite and local gouge.	FX411355	43.05	43.89	.84		.166	4.5	127	30	392
			FX411356	43.89	44.63	.74		.089	2.2	130	26	120
			FX411357	44.63	45.23	.60		.078	4.5	105	19	363
		43.89 44.63 As above.										
		44.63 45.23 As above with 5% pyrite.										
45.23	46.23	AGGLOMERATE										
		Agglomerate with weak jasperoidal matrix, local pyrite lenses in volcanic clasts, matrix is chloritic at lower contact.	FX411358	45.23	46.23	1.00		.015	.8	53	27	13
46.23	46.62	BRECCIA										
		Quartz, pyrite, calcite matrix breccia with chloritic fault breccia sides, pyrite at border of breccia, 5% pyrite.	FX411359	46.23	46.62	.39		.032	1.4	106	29	68
46.62	48.54	BASALT										
		46.62 47.57 Gray green porphyritic basalt cut by several shear zones with shear lens clasts.	FX411360	46.62	47.57	.95		.014	.3	62	38	8
			FX411361	47.57	48.54	.97		.009	.3	29	42	6
		47.57 48.54 As above but relatively massive, cut by several 1 to 2 millimetre quartz veinlets.										
48.54	49.01	FAULT										
		Gouge and breccia cut by patchy calcite veins up to 1 centimetre thick, 3% veining.	FX411362	48.54	49.01	.47		.016	.8	244	25	17

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
49.01	51.82	TUFF										
		49.01 49.68 Mafic tuff cut by 1% veining of quartz and calcite, broken core common.	FX411363	49.01	49.68	.67		.010	.3	48	35	3
			FX411364	49.68	50.33	.65		.004	.1	44	36	1
		49.68 50.33 As above, cut by 3% veining of chalcedonic quartz and calcite with angles of 45 and 60 degrees to core axis, massive, mafic phenocrysts and clasts locally altered to pyrite.	FX411365	50.33	50.73	.40		.001	.2	73	33	2
			FX411366	50.73	51.82	1.09		.002	.1	43	45	2
		50.33 50.73 As above cut by quartz, calcite, pyrite veins up to 2.5 centimetre thick, angle to core axis is 35 degrees, chlorite ribbons, 8% veining.										
		50.73 51.82 As above with phenocrysts aligned saprolite to core axis, some broken core, up to 1% veining.										
51.82	53.04	BRECCIA										
		Breccia with gouge at upper contact, weak jasperoidal alteration of matrix and also jasperoid clasts, matrix and clasts chloritic, local quartz and pyrite in matrix.	FX411367	51.82	53.04	1.22		.006	.3	7	37	1
53.04	57.15	AGGLOMERATE										
		53.04 54.04 Agglomerate with trachyte and chloritic basalt clasts in moderately silicified matrix with minor pyrite.	FX411368	53.04	54.04	1.00		.008	.2	9	44	2
			FX411369	54.04	54.96	.92		.001	.1	8	39	1
			FX411370	54.96	55.78	.82		.006	.1	7	36	1
		54.04 54.96 As above but looks increasingly disturbed and more chloritic and calcareous.	FX411371	55.78	56.75	.97		.153	.5	54	52	1
			FX411372	56.75	57.15	.40		.010	.3	10	41	1
		54.96 55.78 As above with 30% patchy calcite, all										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		feldspar phenocrysts altered to clay rest of rock is chlorite, matrix is weakly silicified.										
	55.78 56.75	As above but only 1% calcite, , moderately silicified matrix, locally intense chloritic.										
	56.75 57.15	As above but moderately sheared at angles of 50 degrees to core axis, 6% calcite veining, 1% pyrite, chloritic.										
57.15	60.52	TRACHYTE										
		Typical feldspar porphyritic but looks tuffaceous in places.	FX411373	57.15	58.12	.97		.012	.1	19	36	2
			FX411374	58.12	59.24	1.12		.005	.1	13	39	1
	57.15 58.12	As above with 3% calcite veining up to 1 centimetre thick, massive except for chloritic broken core at upper contact.	FX411375	59.24	60.22	.98		.008	.1	6	44	1
			FX411376	60.22	60.52	.30		.011	.3	14	33	2
	58.12 59.24	As above with local moderate silicification and calcite replacement, 5% calcite veining, massive.										
	59.24 60.22	As above but less altered, massive, cut by calcite, quartz, pyrite veinlets, up to 6 millimetre thick, locally delicately banded, angle of 10 degrees to core axis, 3% veining, 1% pyrite.										
	60.22 60.52	As above with 2% veining.										
60.52	61.73	BRECCIA										
	60.52 61.03	Breccia with 25% matrix and 75% clasts, matrix is dark gray quartz with 10% pyrite, clasts of tuff or trachyte are bleached pale gray to green, fabric at 30 degrees to core	FX411377	60.52	61.03	.51		.167	2.0	155	34	40
			FX411378	61.03	61.73	.70		.142	2.1	104	20	109

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		axis.										
	61.03 61.73	As above with 10% matrix, volcanic is intensely silicified and shattered.										
61.73	69.33	AGGLOMERATE										
	61.73 62.72	Agglomerate with weak to moderately silicified matrix, quartz, calcite, fluorite veining 3%, 1% pyrite.	FX411379	61.73	62.72	.99		.022	.4	46	36	6
			FX411380	62.72	63.71	.99		.024	.4	22	40	2
			FX411381	63.71	64.71	1.00		.013	.2	9	42	1
	62.72 63.71	As above with moderately silicified matrix, 2% calcite veining, more than 1% pyrite.	FX411382	64.71	65.92	1.21		.011	.2	9	61	1
			FX411383	65.92	66.40	.48		.006	.1	5	63	1
	63.71 64.71	As above with local intense jasperoid - pyrite replacement of matrix, rock is more chloritic and calcareous, 5% patchy calcite veining.	FX411384	66.40	67.41	1.01		.001	.1	5	298	1
			FX411385	67.41	68.30	.89		.012	.1	12	58	1
			FX411386	68.30	69.33	1.03		.002	.1	6	49	1
	64.71 65.92	As above with rare jasperoid. 4% calcite veining, chloritic with weak silicified matrix.										
	65.92 66.40	As above but more massive, up to 1% calcite veining, chlorite and clay alteration and dominant.										
	66.40 67.41	As above.										
	67.41 68.30	As above, chloritic, cut by patchy calcite, pyrite, jasperoid veining (10%) , chlorite fault breccia at lower contact.										
	68.30 69.33	As above, massive with moderate jasperoid alteration of matrix, patchy calcite veining 5%.										
69.33	73.40	TRACHYTE										
	69.33 70.30	Massive trachyte cut by 2% calcite veining,	FX411387	69.33	70.30	.97		.002	.1	5	56	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		feldspar porphyritic.	FX411388	70.30	71.25	.95		.003	.1	6	97	1
		70.30 71.25 As above cut by 2% calcite, quartz veining.	FX411389	71.25	72.25	1.00		.001	.1	3	56	1
		71.25 72.25 As above cut by 6 centimetre thick fault breccia near lower contact, 2% calcite veining.	FX411390	72.25	73.40	1.15		.001	.1	6	66	1
		72.25 73.40 As above cut by 4% calcite, quartz, jasperoid, pyrite veining.										
73.40	74.30	BRECCIA										
		Fault breccia with mainly rock flour matrix, dark gray siliceous matrix near upper contact and chloritic matrix near lower contact, 1% calcite veining.	FX411391	73.40	74.30	.90		.020	.3	9	56	1
74.30	74.70	TRACHYTE										
		Massive, feldspar and mafic phenocrysts altered to clay and chlorite, up to 1% veining.	FX411392	74.30	74.70	.40		.002	.1	4	50	1
74.70	76.00	AGGLOMERATE										
		74.70 75.00 Agglomerate or flow breccia with weak jasperoidal alteration of matrix, 2% calcite veining.	FX411393	74.70	75.00	.30		.002	.1	9	67	1
			FX411394	75.00	76.00	1.00		.013	.4	9	46	1
		75.00 76.00 Chloritic and calcareous agglomerate, 5% calcite veining.										
76.00	76.96	TUFF										
		Massive trachyte tuff, 4% calcite, quartz veining.	FX411395	76.00	76.96	.96		.066	1.1	66	42	5

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
76.96	78.45	TRACHYTE										
		Fault.	FX411396	76.96	77.88	.92		.019	.2	10	63	1
		76.96 77.88 Porphyritic trachyte cut by up to 1% veining, broken core common.	FX411397	77.88	78.45	.57		.019	.6	14	52	1
		77.88 78.45 As above cut by 4% calcite, quartz veining, friable broken core at lower contact may be a										
78.45	78.97	BRECCIA										
		Breccia with gray quartz and minor pyrite matrix encloses clasts of silicified volcanics, border envelope is mainly chlorite with minor pyrite.	FX411398	78.45	78.97	.52		.034	.6	102	37	5
78.97	79.40	TUFF										
		Trachyte tuff shattered and healed with 2% hairline calcite veinlets.	FX411399	78.97	79.40	.43		.009	.3	13	53	1
79.40	79.54	FAULT										
		5 Centimetre thick gouge.	FX411400	79.40	79.54	.14		.004	.1	11	62	1
79.54	80.54	TUFF										
		Shattered and broken with jasperoid, quartz, calcite, pyrite and chlorite along fractures, broken core at lower contact.	FX411401	79.54	80.54	1.00		.060	.7	93	38	3
80.54	81.03	BRECCIA										
		80.54 80.67 Gray and totally silicified breccia with clasts up to 5 millimetre, up to 1% pyrite.	FX411402	80.54	80.67	.13		.017	.3	30	56	7
			FX411403	80.67	81.03	.36		.010	.4	6	68	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		80.67 81.03 As above but no silicification, fault breccia with chloritic and jasperoid clasts in chlorite and rock flour matrix.										
81.03	83.44	TUFF										
		81.03 81.47 Trachyte tuff cut by quartz veinlets with jasperoid envelopes, 4% veining, broken.	FX411404	81.03	81.47	.44		.006	.1	6	64	1
			FX411405	81.47	82.43	.96		.003	.1	11	80	1
		81.47 82.43 As above with 1% calcite veining and jasperoidal alteration common along fractures, rock is chloritic.	FX411406	82.43	83.44	1.01		.001	.1	10	105	1
		82.43 83.44 As above with rare jasperoidal alteration, 1% calcite veining.										
83.44	84.21	TRACHYTE										
		Massive, porphyritic with up to 1% veining.	FX411407	83.44	84.21	.77		.001	.1	4	97	1
84.21	84.35	QUARTZ VEIN										
		3 Centimetre thick quartz, calcite, fluorite, pyrite vein with jasperoid envelope, 25% veining.	FX411408	84.21	84.35	.14		.006	.1	9	138	1
84.35	86.30	TRACHYTE										
		84.35 85.44 Massive and cut by 2% calcite, quartz veins with jasperoid envelopes , local jasperoid along fractures.	FX411409	84.35	85.44	1.09		.005	.1	4	50	1
			FX411410	85.44	85.82	.38		.010	.4	14	104	1
			FX411411	85.82	86.30	.48		.003	.1	8	41	1
		85.44 85.82 As above cut by more than 7 centimetre thick breccia with matrix of chlorite, jasperoid, pyrite, quartz, calcite, forms 20% of interval, massive.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		85.82 86.30 Trachyte as above cut by 1% calcite veining, massive.										
86.30	90.39	AGGLOMERATE										
		Typical trachyte agglomerate with buff to red porphyritic clasts in pale green trachyte tuff matrix.	FX411412	86.30	87.27	.97		.007	.1	3	57	1
		86.30 87.27 As above cut by more than 1% quartz, calcite veinlets, massive.	FX411413	87.27	88.26	.99		.008	.1	6	42	1
			FX411414	88.26	89.17	.91		.007	.1	10	34	1
			FX411415	89.17	90.39	1.22		.010	.2	23	31	3
		87.27 88.26 As above cut by 5% calcite, quartz veinlets, also cut by few chlorite shears and appears to be more tectonized, massive.										
		88.26 89.17 As above cut by 2% calcite, quartz veinlets, massive.										
		89.17 90.39 As above cut by 1% calcite, quartz, fluorite, pyrite veinlets, massive.										
90.39	91.38	TUFF										
		Trachyte tuff cut by 2% quartz veinlets, 1% disseminated pyrite.	FX411416	90.39	91.38	.99		.018	.8	25	31	1
91.38	91.68	QUARTZ VEIN										
		Quartz, calcite, pyrite, fluorite vein with angle of 20 degrees to core axis, more than 3 centimetre thick,. 12% Veining.	FX411417	91.38	91.68	.30		.101	4.3	211	21	121
91.68	92.09	AGGLOMERATE										
		Typical, up to 1% veining.	FX411418	91.68	92.09	.41		.074	2.4	147	28	23

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
92.09	92.26	QUARTZ VEIN										
		15 Centimetre thick gray cryptocrystalline quartz vein breccia with 60% clasts, vein is quartz, calcite, fluorite, pyrite, angle of 90 degrees to core axis.	FX411427	92.09	92.26	.17		.450	13.3	198	29	74
92.26	94.14	AGGLOMERATE										
		92.26 92.66 Agglomerate with moderately silicified matrix	FX411419	92.26	92.66	.40		.016	.5	25	25	1
		92.66 93.33 As above with moderate jasperoidal alteration of matrix.	FX411420	92.66	93.33	.67		.038	1.0	50	29	2
			FX411421	93.33	93.84	.51		.085	1.4	138	26	22
		93.33 93.84 As above with variably silicified matrix, 2% pyrite, 4% irregular quartz veining.	FX411422	93.84	94.14	.30		.129	3.0	179	27	51
		93.84 94.14 As above cut by 1.5 centimetre thick quartz, calcite, pyrite vein with angle of 20 degrees to core axis, 10% veining.										
94.14	94.57	STOCKWORK										
		94.14 94.49 Totally silicified and shattered volcanic with quartz, pyrite, fluorite vein stockwork, 20% veining.	FX411423	94.14	94.49	.35		.240	8.3	355	28	199
			FX411424	94.49	94.57	.08		.260	8.8	357	18	287
		94.49 94.57 As above with minor breccia.										
94.57	94.88	QUARTZ VEIN										
		16 Centimetre thick quartz vein breccia with angle of 45 degrees to core axis, clasts (50%) are totally silicified and pyritized, breccia cross cuts a 1 centimetre thick quartz, pyrite vein saprolite to core axis, 65% veining, wallrock silicified and pyritized also	FX411425	94.57	94.88	.31		.230	9.2	257	21	168

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
94.88	97.75	TUFF										
	94.88 95.71	Trachyte tuff is intensely silicified and locally pyritized cut by quartz, calcite, pyrite, fluorite veins at 45 degrees to core axis (probably connected to breccia above) and parallel to core axis (probably an extension of 1 cm vein above).	FX411426	94.88	95.71	.83		.103	3.4	204	32	36
			FX411428	95.71	96.25	.54		.087	2.3	153	36	41
			FX411429	96.25	97.25	1.00		.070	2.3	193	34	9
			FX411430	97.25	97.75	.50		.048	.7	65	56	4
	95.71 96.25	As above, moderately silicified and cut by 6 millimetre calcite, quartz veinlet at 45 degrees to core axis, 2% veining.										
	96.25 97.25	As above, weakly silicified, 2% calcite quartz veining at 70 degrees and 45 degrees to core axis.										
	97.25 97.75	As above with abundant broken core, moderate silicification, local disseminated dust size pyrite, 1% veining.										
97.75	98.20	FAULT										
		Breccia with rock flour and chlorite matrix.	FX411431	97.75	98.20	.45		.021	.5	72	46	2
98.20	100.15	TUFF										
	98.20 99.15	Variably silicified and pyritized coarse trachyte tuff cut by quartz, calcite pyrite veins with a jasperoid envelope, 3% veining, 3% pyrite.	FX411432	98.20	99.15	.95		.025	.5	12	30	1
			FX411433	99.15	100.15	1.00		.005	.4	47	22	2
	99.15 100.15	As above but more tectonized with chlorite along fractures common.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
100.15	102.15	TRACHYTE										
	100.15 101.15	Feldspar porphyritic trachyte, massive, 1% calcite veining.	FX411434	100.15	101.15	1.00		.029	n/a	18	36	1
			FX411435	101.15	102.15	1.00		.028	.6	20	36	3
	101.15 102.15	As above with up to 1% quartz, calcite veining, massive.										
102.15	103.12	QUARTZ VEIN										
	102.15 102.38	Trachyte cut by 4 centimetre thick calcite, quartz, fluorite vein at 60 degrees, silicified wallrock is rich in disseminated pyrite (45%), 20% veining.	FX411436	102.15	102.38	.23		.634	5.6	254	35	66
			FX411437	102.38	103.12	.74		.790	9.4	263	18	367
	102.38 103.12	As above with more than 5 centimetre thick crudely banded quartz, calcite, pyrite, fluorite vein parallel to core axis, heavily disseminated pyrite in wallrock, 40% veining.										
103.12	107.90	TRACHYTE										
	103.12 103.48	Moderately silicified with minor disseminated pyrite (10%), 3% quartz veining.	FX411438	103.12	103.48	.36		.093	3.2	110	30	19
			FX411439	103.48	103.80	.32		.123	1.9	199	34	75
			FX411440	103.80	104.35	.55		.070	1.5	87	35	16
	103.48 103.80	As above cut by 8% quartz, calcite, fluorite veins, moderately silicified, 2% pyrite.	FX411441	104.35	104.85	.50		.061	1.2	67	40	31
			FX411442	104.85	105.35	.50		.010	.3	24	42	8
			FX411443	105.35	105.75	.40		.007	.2	13	44	3
	103.80 104.35	As above but heavily pyritized, 40% pyrite, 1% veining.	FX411444	105.75	106.50	.75		.019	.7	11	51	2
			FX411445	106.50	107.23	.73		.029	.9	14	34	3
	104.35 104.85	As above cut by pyritic veins up to 1 centimetre thick, variably silicification and pyritization, 10% pyrite, 8% veining.	FX411446	107.23	107.90	.67		.033	.8	7	35	2
	104.85 105.35	As above, variably silicified, 8% quartz,										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		calcite, pyrite veining up to 4 centimetre thick, vein angle to core axis is 60 degrees, 4% pyrite.										
	105.35 105.75	As above, broken core common, 1% veining quartz, calcite along fractures , locally chloritic, 1% pyrite.										
	105.75 106.50	As above but sheared and tectonized at lower contact, fabric at 20 to 45 degrees, variably silicified, 2% quartz, calcite, pyrite veinlets.										
	106.50 107.23	As above but variably shattered and healed with calcite, quartz veinlets, local gouge, 3% pyrite, 5% veining.										
	107.23 107.90	As above and grading into breccia, variably silicified, pyritized and chloritized, pyrite and pyrrhotite form lenses locally, 15% pyrite and pyrrhotite, 8% quartz, calcite veining.										
107.90 108.65		BRECCIA										
		Lensy pyrite and pyrrhotite replacement and variably silicified, 12% quartz, calcite veining, 35% pyrite pyrrhotite, pyrite and pyrrhotite lenss are cross cut by veins.	FX411447	107.90	108.65	.75		.040	1.3	15	42	2
108.65 113.80		AGGLOMERATE										
	108.65 109.06	Silicified and pyritized agglomerate cut by irregular quartz, calcite vein up to 3 centimetre thick, 13% veining, 14% pyrite and pyrrhotite, trachyte clasts.	FX411448	108.65	109.06	.41		.026	.8	10	31	2
			FX411449	109.06	110.10	1.04		.024	.5	16	44	5
			FX411450	110.10	110.50	.40		.026	1.0	12	34	2
			FX411451	110.50	111.10	.60		.032	1.0	16	51	5

**********DESCRIPTION**********

FROM m	TO m	
109.06	110.10	As above, locally sheared, 10% pyrite and pyrrhotite, variably silicified, locally chloritic sheared at lower contact, 1% calcite veining.
110.10	110.50	As above with boulder clast of trachyte cut by quartz, calcite veins up to 2.5 centimetre thick with angle to core axis of 20 degrees, 14% veining, 3% pyrite, no silicification.
110.50	111.10	As above variably pyritized and chloritized with minor quartz, pyrite , matrix, 3% pyrite, broken core common, 1% calcite veining.
111.10	111.50	As above, shattered intensely silicified volcanic, pyrite common along fractures, cut by 3 centimetre vein blue chalcedonic quartz and pyrite with angle to core axis of 90 degrees, note that pyrite is in the vein and pyrrhotite is in the replacement.
111.50	112.20	As above, variably silicified clasts in a pyritized matrix, 20% pyrite and pyrrhotite, 1% calcite veining.
112.20	113.05	As above, moderately silicified porphyritic trachyte clasts in pyritized matrix, 40% pyrite and pyrrhotite, 1% calcite, quartz veining.
113.05	113.80	As above but broken core common, no silicification of clasts, chlorite more common, shear fabric present, 1% calcite veining, 20% pyrite and pyrrhotite.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411452	111.10	111.50	.40		.021	.4	19	48	4
FX411453	111.50	112.20	.70		.019	.1	13	43	2
FX411454	112.20	113.05	.85		.019	.1	12	48	4
FX411455	113.05	113.80	.75		.020	.1	10	46	5

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
113.80	116.50	BRECCIA										
	113.80 114.45	Breccia grades into agglomerate, abundant gouge at lower contact, 1% veining, more than 20% pyrite and pyrrhotite, chloritic.	FX411456	113.80	114.45	.65		.020	.1	10	42	5
			FX411457	114.45	115.20	.75		.019	.2	10	47	7
			FX411458	115.20	116.00	.80		.016	.1	6	44	9
	114.45 115.20	As above, matrix -supported clasts quartz and jasperoid in a pyrite, chlorite schist matrix, 50% pyrite and pyrrhotite, up to 1% veining.	FX411459	116.00	116.50	.50		.021	.1	17	38	9
	115.20 116.00	As above with less pyrite and pyrrhotite and more chlorite, 10% pyrite and pyrrhotite, highly sheared with fabric at 20 degrees to core axis, up to 1% veining.										
	116.00 116.50	As above with 40% pyrite and pyrrhotite, 1% calcite veining.										
116.50	117.50	TUFF										
		Coarse tuff, 2% pyrite and pyrrhotite, 2% patchy and irregular quartz, calcite veinlets, no silicification, pale green, sheared.	FX411460	116.50	117.50	1.00		.009	.1	11	38	2
117.50	118.50	AGGLOMERATE										
		Sheared and grades into tuff above, 1% patchy calcite veining, 2% pyrite and pyrrhotite, variably chloritic.	FX411461	117.50	118.50	1.00		.012	.1	11	41	1
118.50	126.90	BRECCIA										
	118.50 119.50	Sheared, pyritic and chloritic, 30% pyrite, includes large clast or maybe dyke of massive feldspar porphyritic trachyte that is undeformed , 2% quartz,	FX411462	118.50	119.50	1.00		.047	.1	14	41	2
			FX411463	119.50	120.50	1.00		.024	.1	10	43	2
			FX411464	120.50	121.50	1.00		.028	.1	8	37	2
			FX411465	121.50	122.68	1.18		.066	.1	11	42	3

**********DESCRIPTION**********

FROM m	TO m	
		calcite veining.
119.50	120.50	As above with chlorite and rock flour matrix and smoothly rounded clasts of massive pyrite and pyrrhotite, up to 1% veining, 50% pyrite and pyrrhotite.
120.50	121.50	As above with shattered and crushed weakly silicified trachyte clasts, 20% pyrite and pyrrhotite, 1% calcite veining, trachyte probably forms relatively competent shear lenss in this zone.
121.50	122.68	As above with gouge and abundant broken core at lower contact, more than 20% pyrite and pyrrhotite, up to 1% calcite, quartz veining.
122.68	123.75	As above with noticeable cataclastic shear lenss, matrix occupied by pyrite, pyrrhotite and chlorite, fabric at 10 degrees to core axis, 15% pyrite and pyrrhotite, 1% veining.
123.75	124.53	Trachyte shear lens, 1% pyrite, no silicification.
124.53	125.10	As above but bleached pale cream gray and intensely silicified, shattered and cut by wedge-like veins of pyrite, quartz and calcite, clasts of wallrock in veins, 35% veining, 15% pyrite.
125.10	125.45	As above with 6% calcite, quartz, fluorite veining and with 15% pyrite veining, intensely silicified wallrock and clasts, QUESTION - is there alternating compression and dilation in this system?.
125.45	126.10	As above, intensely silicified trachyte

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411466	122.68	123.75	1.07		.086	.1	22	39	2
FX411467	123.75	124.53	.78		.057	.1	25	35	3
FX411468	124.53	125.10	.57		.060	.1	14	20	9
FX411469	125.10	125.45	.35		.043	.1	8	25	11
FX411470	125.45	126.10	.65		.087	.1	16	31	9
FX411471	126.10	126.90	.80		.063	.2	13	26	8

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		with minor pyrite and pyrrhotite along fractures , 5% pyrite and pyrrhotite, up to 1% veining.										
	126.10 126.90	As above but shattered throughout and infilled with pyrite minor quartz along fractures, no silicification of wallrock or clasts, 15% veining (mainly pyrite and pyrrhotite), 15 % pyrite and pyrrhotite.										
126.90 127.20		QUARTZ VEIN										
		3 Centimetre quartz, calcite, pyrite, fluorite veins at 40 degrees to core axis, silicified and pyritized wallrock, 25% veining.	FX411472	126.90	127.20	.30		.043	.2	13	26	5
127.20 129.40		AGGLOMERATE										
	127.20 127.70	Agglomerate with pyritized matrix, no silicification of clasts, 15% pyrite and pyrrhotite, 1% patchy calcite veining.	FX411473	127.20	127.70	.50		.102	.1	21	31	9
			FX411474	127.70	128.40	.70		.073	.1	17	29	6
			FX411475	128.40	129.40	1.00		.073	.1	30	30	2
	127.70 128.40	As above cut by irregular quartz, calcite, pyrite veins up to 5 centimetre thick, wallrock next veins not silicified but clasts in vein are intensely silicified, 15% veining, 15% pyrite and pyrrhotite.										
	128.40 129.40	As above, matrix is intensely silicified and pyritized, 1% quartz, calcite veining, 25% pyrite and pyrrhotite, clasts are individually shattered.										
129.40 135.03		BRECCIA										

**********DESCRIPTION**********

FROM m	TO m	
129.40	130.40	Crush breccia grades into above agglomerate, rock is highly fractured and dominant fracture cleavage parallel to core axis is infilled with pyrite and chlorite, 1% patchy calcite veining.
130.40	131.40	Breccia as above with chloritic and clay altered volcanic clasts in pyritic matrix, clasts are matrix -supported, 30% pyrite and pyrrhotite.
131.40	132.40	As above, 15% pyrite and pyrrhotite.
132.40	133.40	As above, 50% pyrite and pyrrhotite.
133.40	134.20	As above with faint jasperoidal alteration clasts, 40% pyrite and pyrrhotite.
134.20	135.03	As above with faint jasperoidal alteration, 40% pyrite and pyrrhotite, END OF BOREHOLE 72472-0.IN.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411476	129.40	130.40	1.00		.062	.1	14	26	3
FX411477	130.40	131.40	1.00		.065	.1	21	27	3
FX411478	131.40	132.40	1.00		.057	.1	18	31	2
FX411479	132.40	133.40	1.00		.053	.2	24	26	5
FX411480	133.40	134.20	.80		.055	.3	14	25	8
FX411481	134.20	135.03	.83		.058	.2	17	26	7

**********INC[illegible]MITED**********
FIELD EXPLOR[illegible] DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 338.0 m	NTS SHEET #	: 82E-6W	STARTED	: 16 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -132.0 m	TOWNSHIP	:	COMPLETED	: 17 March,1989
BOREHOLE	: 72473-0	ELEVATION	: 1442.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: 135.0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -65.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 117.7 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None
LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
117.65	135.0	-64.50									

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	1.83	CASING										
			NS	.00	1.83	1.83		n/a	n/a	n/a	n/a	n/a
1.83	7.99	TRACHYTE										
		Gray green feldspar porphyritic 2 4 millimetre	FX411482	1.83	2.52	.69		.001	.1	6	96	1
		phenocrysts 25%.	FX411483	2.52	3.31	.79		.001	.1	2	61	2
		1.83 2.52 As above abundant broken core, no veining,	FX411484	3.31	5.00	1.69		.004	.1	2	57	2
		intensely silicified, no pyrite.	FX411485	5.00	5.75	.75		.006	.1	8	55	1
		2.52 3.31 As above abundant broken core, intensely	FX411486	5.75	6.75	1.00		.012	.3	35	57	4
		silicified.	FX411487	6.75	7.15	.40		.005	.1	7	56	1
		3.31 5.00 As above abundant broken core, intensely	FX411488	7.15	7.99	.84		.015	.3	71	53	3
		silicified and local patchy jasperoidal										
		alteration, some lost core.										

**********DESCRIPTION**********

FROM m	TO m	
5.00	5.75	As above weak to moderate silicification, 1% calcite veining.
5.75	6.75	As above with no silicification, 2% quartz calcite veining, veinlets up to 2 millimetre thick, minor patchy jasperoidal alteration, limonite along several fractures, 5 centimetre gouge fault breccia at lower contact.
6.75	7.15	As above, moderately silicified with patchy jasperoidal alteration, cut by 1 centimetre gray cryptocrystalline quartz vein with angle to core axis of 45 degrees.
7.15	7.99	As above, no silicification, up to 1% calcite veining.
7.99	12.10	AGGLOMERATE
		Trachyte agglomerate or flow breccia with porphyritic trachyte clasts, alteration makes identification difficult.
7.99	9.20	As above with pale green clasts in pink weak jasperoidal matrix, 1% patchy quartz calcite veining.
9.20	10.10	As above with broken core common, core pebbles are oxide and leached, up to 1% patchy calcite veining, weak jasperoidal alteration matrix, clasts are chloritic.
10.10	11.10	As above with weak jasperoid alteration common, question - is chlorite & jasperoid&calcite an equilibrium assemblage here?, 3% patchy calcite veining.
11.10	12.10	As above moderately to intensely silicified, jasperoid replaced by pyrite - quartz

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411489	7.99	9.20	1.21		.004	.1	10	48	1
FX411490	9.20	10.10	.90		.003	.2	8	60	2
FX411491	10.10	11.10	1.00		.001	.2	7	45	1
FX411492	11.10	12.10	1.00		.039	1.2	56	30	6

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		matrix, 10% pyrite, NOTE - jasperoid is probably oxidized pyrite and quartz.										
12.10	16.92	TRACHYTE										
		Feldspar porphyritic trachyte is moderately sheared and resembles agglomerate locally.	FX411493	12.10	13.15	1.05		.065	1.8	84	30	18
			FX411494	13.15	13.60	.45		.011	.2	12	37	2
		12.10 13.15 Gray green, intensely silicified locally and locally chloritic, highly shattered with quartz pyrite matrix and along fractures, 4% pyrite.	FX411495	13.60	14.91	1.31		.060	1.2	134	35	17
			FX411496	14.91	16.28	1.37		.024	.7	65	40	3
			FX411497	16.28	16.92	.64		.011	.3	27	41	5
		13.15 13.60 As above but massive with no silicification and up to 1% pyrite.										
		13.60 14.91 As above but brecciated with intensely silicified and pyritized locally, 15% pyrrhotite and pyrite.										
		14.91 16.28 As above locally intensely silicified, pyritized&shattered, 10% pyrrhotite and pyrite.										
		16.28 16.92 As above, abundant broken core with limonite along fractures, variably silicified, 1% pyrite.										
16.92	20.50	BRECCIA										
		Silicified volcanic clasts in matrix of chlorite and rock flour, highly sheared and tectonized locally.	FX411498	16.92	17.92	1.00		.031	.8	127	56	7
			FX411499	17.92	18.92	1.00		.008	.1	23	49	1
		16.92 17.92 As above, broken core common, intensely silicified clasts and shear lens of trachyte locally.	FX411500	18.92	19.96	1.04		.006	.1	44	29	2
			FX411501	19.96	20.50	.54		.005	.1	13	39	1
		17.92 18.92 As above, with rounded trachyte clasts in sheared chlorite and rock flour matrix,										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		minor jasperoid, no pyrite, up to 1% calcite veining.										
		18.92 19.96 As above, no pyrite, 1% patchy calcite veining.										
		19.96 20.50 As above.										
20.50	26.40	TRACHYTE										
		Typical gray feldspar porphyritic.	FX411502	20.50	21.40	.90		.002	.1	4	40	1
		20.50 21.40 As above, abundant broken core, locally highly shattered, weak to moderate silicification.	FX411503	21.40	22.40	1.00		.004	.1	12	48	2
			FX411504	22.40	23.49	1.09		.006	.2	13	37	2
			FX411505	23.49	24.49	1.00		.005	.3	4	53	2
		21.40 22.40 As above with abundant broken core, intensely silicified, up to 1% calcite veining, local breccia, more than 10% pyrite and pyrrhotite.	FX411506	24.49	25.49	1.00		.004	.1	8	44	1
			FX411507	25.49	26.40	.91		.002	.1	5	48	1
		22.40 23.49 As above with abundant broken core, variably silicified, highly shattered and locally brecciated, and more than 10% pyrite and pyrrhotite.										
		23.49 24.49 As above but competent core and less shattered, intensely silicified, 1% calcite veining.										
		24.49 25.49 As above but relatively massive, up to 1% quartz calcite veining, intensely silicified.										
		25.49 26.40 As above.										
26.40	49.05	AGGLOMERATE										
		Trachyte agglomerate with buff, red&grn trachyte clasts in a pale green trachyte matrix, clasts are angular equant.	FX411508	26.40	27.85	1.45		.002	.1	5	33	1
			FX411509	27.85	29.50	1.65		.004	.1	6	56	1
			FX411510	29.50	30.90	1.40		.004	.1	4	67	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		26.40 27.85 As above with no silicification, 1% patchy calcite veining, clasts up to several tens of centimetres but mainly 0.2 centimetres to 3 centimetres.	FX411511	30.90	32.31	1.41		.001	.1	5	57	1
			FX411512	32.31	33.70	1.39		.003	.1	7	36	1
			FX411513	33.70	35.20	1.50		.004	.1	7	60	1
			FX411514	35.20	36.70	1.50		.004	.1	5	49	1
		27.85 29.50 As above.	FX411515	36.70	38.20	1.50		.002	.1	5	46	1
		29.50 30.90 As above.	FX411516	38.20	39.60	1.40		.001	.1	2	41	1
		30.90 32.31 As above.	FX411517	39.60	41.05	1.45		.002	.1	2	39	1
		32.31 33.70 As above.	FX411518	41.05	42.42	1.37		.001	.1	4	38	1
		33.70 35.20 As above.	FX411519	42.42	44.05	1.63		.003	.1	3	32	1
		35.20 36.70 As above.	FX411520	44.05	45.45	1.40		.003	.1	7	36	1
		36.70 38.20 As above.	FX411521	45.45	46.90	1.45		.004	.1	2	39	1
		38.20 39.60 As above.	FX411522	46.90	48.40	1.50		.007	.1	5	39	2
		39.60 41.05 As above.	FX411523	48.40	49.05	.65		.005	.1	6	41	1
		41.05 42.42 As above.										
		42.42 44.05 As above.										
		44.05 45.45 As above.										
		45.45 46.90 As above, 2% patchy and interstitial calcite veining.										
		46.90 48.40 As above, 2% patchy and interstitial calcite veining and getting noticeably more chloritic.										
		48.40 49.05 As above.										
49.05	49.25	QUARTZ VEIN Wedge shaped vein breccia with pyramidally terminated quartz crystals crudely interbanded with calcite and fluorite, vein clasts and immediately adjacent few cm wall rock are intensely silicified, upper contact at 45 degrees to core axis, 40% veining, no pyrite.	FX411524	49.05	49.25	.20		.001	.1	2	28	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
49.25	55.65	TRACHYTE										
		Dark green, chloritic, more altered and sheared than agglomerate above.	FX411525	49.25	49.75	.50		.004	.1	2	44	1
			FX411526	49.75	50.85	1.10		.003	.1	2	57	1
		49.25 49.75 As above, chloritic.	FX411527	50.85	51.30	.45		.006	.1	3	46	1
		49.75 50.85 As above.	FX411528	51.30	51.60	.30		.002	.1	2	50	1
		50.85 51.30 As above.	FX411529	51.60	52.10	.50		.001	.1	6	44	1
		51.30 51.60 As above cut by patchy quartz, calcite veins up to 1 centimetre thick, 8% veining.	FX411530	52.10	53.10	1.00		.005	.1	2	62	1
			FX411531	53.10	54.05	.95		.003	.1	2	47	1
		51.60 52.10 As above with up to 1% hairline veining.	FX411532	54.05	54.83	.78		.004	.2	5	47	1
		52.10 53.10 As above but more tectonized with massive chlorite along shear fractures.	FX411533	54.83	55.65	.82		.003	.1	4	49	1
		53.10 54.05 As above.										
		54.05 54.83 As above with local moderate silicification near lower contact.										
		54.83 55.65 As above with local moderate silicification throughout.										
55.65	55.95	FAULT										
		Chloritic and weakly silicified clasts in gouge matrix.	FX411534	55.65	55.95	.30		.008	.3	12	47	2
55.95	57.80	TRACHYTE										
		Dark green, chloritic, feldspar phenocrysts totally clay altered.	FX411535	55.95	56.70	.75		.002	.1	4	54	2
			FX411536	56.70	57.30	.60		.002	.1	5	37	2
		55.95 56.70 As above chloritic, massive, up to 1% calcite veining.	FX411537	57.30	57.80	.50		.005	.1	7	48	4
		56.70 57.30 As above with 6% patchy quartz, calcite fluorite veining, moderate to intense silicification common, minor blue chalcedonic quartz, 1 centimetre thick vein at angle of 90 degrees to core axis.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		57.30 57.80 As above, relatively massive chloritic trachyte.										
57.80	59.00	FAULT										
		Breccia with altered broken&lensy volcanic clasts in gouge matrix.	FX411538	57.80	58.30	.50		.006	.2	10	41	3
			FX411539	58.30	59.00	.70		.008	.1	8	39	8
		57.80 58.30 As above, very chloritic, abundant shear lenses.										
		58.30 59.00 As above with angular intensely silicified clasts at lower contact, Note - this may tell us that silicification predates or is contemporaneous with the chloritic shear zone faulting.										
59.00	63.70	TRACHYTE										
		59.00 59.94 Moderately fractured and relatively competent with local intense silicification, 3% quartz, calcite and quartz pyrite veinlets with jasperoid envelopes to veining.	FX411540	59.00	59.94	.94		.005	.1	5	64	1
			FX411541	59.94	60.88	.94		.001	.1	3	64	1
			FX411542	60.88	62.00	1.12		.001	.1	2	52	1
			FX411543	62.00	62.95	.95		.002	.1	4	59	1
			FX411544	62.95	63.70	.75		.004	.1	6	69	1
		59.94 60.88 As above but no silicification, 2% quartz calcite veining.										
		60.88 62.00 As above trachyte with no silicification, up to 1% calcite veining, minor volcanic sandstone at lower contact.										
		62.00 62.95 As above with minor jasperoidal alteration.										
		62.95 63.70 As above with more jasperoid, especially along fractures.										
63.70	65.60	AGGLOMERATE										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		Typical with trachyte clasts in trachyte tuff and chloritic matrix.	FX411545	63.70	64.55	.85		.004	.1	5	62	1
			FX411546	64.55	65.00	.45		.002	.1	5	70	1
		63.70 64.55 As above with jasperoid quartz, pyrite replacement of matrix, chloritic locally and moderately sheared.	FX411547	65.00	65.25	.25		.002	.1	5	45	2
			FX411548	65.25	65.60	.35		.004	.1	5	65	2
		64.55 65.00 As above totally chlorite and clay altered large trachyte clast.										
		65.00 65.25 As above but moderately sheared, cut by quartz, calcite veins up to 2 centimetres thick with angle of 45 degrees to core axis, tectonized clasts and wallrock moderately silicified, 8% veining.										
		65.25 65.60 As above with intense chlorite and weak jasperoid alteration, up to 1% veining.										
65.60	67.90	TRACHYTE										
		Dark green feldspar porphyritic.	FX411549	65.60	67.10	1.50		.004	.1	3	64	1
		65.60 67.10 As above with up to 1% calcite veining, relatively massive and homogeneous.	FX411550	67.10	67.90	.80		.008	.2	10	66	1
		67.10 67.90 As above with minor trachyte breccia parallel to core axis, intercalated or cross- cutting?.										
67.90	69.74	BRECCIA										
		Fractured trachyte and trachyte clasts variably silicified and pyritized, appears to be 2 stages of veining, early dark and pale quartz, pyrrhotite and pyrite veining and related replacement are cross cut by later quartz, calcite, fluorite veining.	FX411551	67.90	68.20	.30		.390	6.7	402	44	221
			FX411552	68.20	68.45	.25		.520	7.2	448	51	212
			FX411553	68.45	69.07	.62		.149	3.6	312	49	97
			FX411554	69.07	69.50	.43		.151	2.9	155	37	40
			FX411555	69.50	69.74	.24		.087	1.3	160	37	17
		67.90 68.20 Breccia as above cross cut by quartz,										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		calcite, fluorite veins up to 3 centimetre thick at 45 degrees to core axis, 11% veining, 5% pyrite and pyrrhotite.										
	68.20 68.45	Breccia as above with 20% quartz matrix, 20% pyrite and pyrrhotite, clast supported framework.										
	68.45 69.07	As above with broken variably silicified bleached trachyte clasts in gray quartz, pyrite, pyrrhotite matrix, pull-apart - type texture, quartz veining has pyrite, pyrrhotite selvage, 20% matrix veining, 80% clasts.										
	69.07 69.50	As above but less brecciated and more discrete cross cutting veins, 3 centimetre thick quartz calcite, pyrite, pyrrhotite vein with angle of 30 degrees to core axis, variably pyritized ribbons in vein, wallrock is mainly chloritic but is intensely silicified next to veins, 25% veining.										
	69.50 69.74	Breccia margin with variably silicified and pyritized trachyte wallrock cut by swarm of quartz calcite veinlets, 35% pyrrhotite and pyrite, 12% veining.										
69.74	70.25	TRACHYTE										
		Typical porphyritic, dark green locally pyritized, more than 1% veining, no silicification, 7% pyrite and pyrrhotite.	FX411556	69.74	70.25	.51		.068	1.0	145	37	3

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
70.25	70.53	QUARTZ VEIN										
		19 Centimetre thick massive quartz vein breccia with minor chloritic clasts, angle of 60 degrees to core axis, wallrock is silicified and pyritized at upper contact, vein is shattered with calcite veinlets along fractures, vein is cross cut by a clast supported quartz matrix breccia, NOTE- this resembles the breccia crosscutting the quartz vein at the ROAD Showing.	FX411557	70.25	70.53	.28		.090	2.4	81	20	151
70.53	74.98	TRACHYTE										
		Typical porphyritic.	FX411558	70.53	71.08	.55		.026	.4	21	56	14
		70.53 71.08 Lower contact wallrock to quartz vein is highly brecciated with abundant chlorite and local shears.	FX411559	71.08	72.02	.94		.004	.2	10	37	1
			FX411560	72.02	73.15	1.13		.003	.1	7	46	1
			FX411561	73.15	74.24	1.09		.001	.1	7	35	1
		71.08 72.02 Typical trachyte, no silicification, 1% quartz, calcite veining, up to 1% pyrite.	FX411562	74.24	74.46	.22		.006	.3	8	35	2
			FX411563	74.46	74.98	.52		.001	.1	10	50	1
		72.02 73.15 As above cut by 6 millimetre blue chalcedonic quartz, calcite veinlet with angle to core axis of 70 degrees, no to weak silicification, 1% veining.										
		73.15 74.24 As above but pale green and more altered, up to 1% quartz, calcite veining.										
		74.24 74.46 As above with 8% patchy quartz, calcite veining up to 1 centimetre thick.										
		74.46 74.98 As above with up to 1% calcite veining.										
74.98	76.00	TUFF										
		74.98 75.58 Partly welded feldspar mafic crystal tuff, 4% patchy calcite veining no silicification.	FX411564	74.98	75.58	.60		.004	.1	8	32	1
			FX411565	75.58	76.00	.42		.003	.1	14	59	1
		75.58 76.00 As above weakly sheared, no silicification,										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		2% calcite, quartz veining, 3% pyrite.										
76.00	79.40	TRACHYTE										
		Typical.	FX411566	76.00	77.00	1.00		.002	.1	4	40	1
		76.00 77.00 As above, no silicification, 1% calcite veining, jasperoid along fractures locally.	FX411567	77.00	78.20	1.20		.001	.1	6	45	1
			FX411568	78.20	79.40	1.20		.003	.1	8	56	1
		77.00 78.20 As above, no silicification.										
		78.20 79.40 As above, no silicification, 1% quartz, calcite veining.										
79.40	83.60	AGGLOMERATE										
		Typical agglomerate with porphyritic trachyte clasts.	FX411569	79.40	80.75	1.35		.001	.1	4	41	1
		79.40 80.75 As above with no silicification, 2% patchy quartz, calcite veining up to 1 centimetre thick, red and pink trachyte clasts common.	FX411570	80.75	82.25	1.50		.007	.1	6	37	1
			FX411571	82.25	83.60	1.35		.008	.2	4	37	1
		80.75 82.25 As above but mainly green porphyritic clasts, up to 1% veining.										
		82.25 83.60 As above with some jasperoidal and pyritic alteration of matrix, 2% pyrite.										
83.60	87.17	BRECCIA										
		Fault breccia or shear zone breccia, gouge common along shear fractures.	FX411572	83.60	85.00	1.40		.028	.1	22	56	3
			FX411573	85.00	86.45	1.45		.032	.1	16	57	7
		83.60 85.00 As above with rounded chloritic and pyritic and siliceous clasts in matrix of gouge, 1% patchy quartz, calcite veining, 35% very fine grained pyrite and pyrrhotite.	FX411574	86.45	87.17	.72		.014	.1	19	48	11
		85.00 86.45 As above.										
		86.45 87.17 As above with 50% pyrrhotite and pyrite.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
87.17	90.37	AGGLOMERATE										
		Typical with pale green trachyte clasts several millimetre up to 30 centimetre.	FX411575	87.17	88.20	1.03		.004	.1	11	38	2
			FX411576	88.20	89.45	1.25		.010	.1	17	38	2
		87.17 88.20 As above with pyritic and siliceous replacement of matrix and some clasts, rock is locally highly fractured, 4% pyrite.	FX411577	89.45	90.37	.92		.104	.6	20	35	4
		88.20 89.45 As above.										
		89.45 90.37 As above but sheared and pyritized and silicified, upper contact is chloritic fault breccia, sort of a smeared agglomerate, 30% pyrite and pyrrhotite, 1% patchy quartz, calcite veining.										
90.37	91.80	TRACHYTE										
		Dark green and feldspar porphyritic.	FX411578	90.37	91.05	.68		.085	.6	14	36	1
		90.37 91.05 As above cut by 2% quartz, calcite veining, highly fractured, 1% pyrite.	FX411579	91.05	91.25	.20		.022	.1	7	33	1
			FX411580	91.25	91.80	.55		.066	.2	17	35	2
		91.05 91.25 As above but cut by ribbony quartz, calcite, pyrite vein 4 centimetre thick at angle to core axis of 60 degrees, 25% veining.										
		91.25 91.80 As above but relatively massive.										
91.80	101.15	BRECCIA										
		Rounded clasts of altered volcanic in gouge and variably silicified pyritic matrix.	FX411581	91.80	92.80	1.00		.068	.4	15	38	5
			FX411582	92.80	93.80	1.00		.091	.4	15	43	5
		91.80 92.80 As above with siliceous, pyritic and chloritic clasts, 40% pyrite and pyrrhotite, shears common.	FX411583	93.80	94.77	.97		.061	.2	13	42	6
			FX411584	94.77	95.75	.98		.056	.2	11	38	3
			FX411585	95.75	96.75	1.00		.042	.1	11	39	10

FROM m	TO m	DESCRIPTION
	92.80 93.80	As above.
	93.80 94.77	As above with some recognizeable trachyte clasts, and more local silicification than above, 3% pyrite, shear fractures and crush textures common.
	94.77 95.75	As above but strongly pyritic, chloritic and locally siliceous, shears common, patchy quartz, calcite veining 4%, 30% pyrrhotite and pyrite.
	95.75 96.75	As above.
	96.75 97.75	As above with clasts of quartz, calcite, pyrite vein material, 20% pyrrhotite and pyrite.
	97.75 98.75	As above with porphyritic trachyte shear lens, 10% pyrrhotite and pyrite.
	98.75 99.45	As above with 5% pyrite and pyrrhotite.
	99.45 99.95	As above.
	99.95 100.20	As above but cut by quartz, pyrite veins up to 2 centimetre thick, veins are highly faulted with variable attitudes, 20% veining, 2% pyrite.
	100.20 101.15	As above with more recognizeable trachyte clasts.
101.15	106.60	TRACHYTE
		Typical feldspar porphyritic.
	101.15 102.62	As above, massive and relatively unaltered.
	102.62 104.10	As above.
	104.10 105.46	As above.
	105.46 106.40	As above.
	106.40 106.60	As above and cut by 2 centimetre thick

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411586	96.75	97.75	1.00		.030	.1	15	42	8
FX411587	97.75	98.75	1.00		.023	.1	9	40	5
FX411588	98.75	99.45	.70		.029	.1	11	41	6
FX411589	99.45	99.95	.50		.039	.2	10	41	8
FX411590	99.95	100.20	.25		.048	.1	34	31	1
FX411591	100.20	101.15	.95		.061	.1	19	28	2
FX411592	101.15	102.62	1.47		.016	.1	13	37	2
FX411593	102.62	104.10	1.48		.004	.1	6	120	1
FX411594	104.10	105.46	1.36		.006	.1	11	57	1
FX411609	105.46	106.40	.94		.002	.1	7	129	2
FX411595	106.40	106.60	.20		.010	.1	4	76	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		quartz, pyrite vein with angle to core axis of 45 degrees, vein is faulted.										
106.60	108.35	BRECCIA										
		Typical tectonic breccia with volcanic, siliceous, pyritic and chloritic clasts.	FX411596	106.60	107.59	.99		.046	1.1	32	30	5
		106.60 107.59 As above with 30% pyrrhotite and pyrite.	FX411597	107.59	108.35	.76		.044	.3	20	24	8
		107.59 108.35 As above with 20% pyrrhotite and pyrite.										
108.35	117.65	AGGLOMERATE										
		END OF BOREHOLE 72473-0.IN.	FX411598	108.35	109.35	1.00		.059	.1	15	20	4
		108.35 109.35 As above with siliceous pyritic, matrix, volcanic clasts moderately silicified, 10% pyrrhotite and pyrite.	FX411599	109.35	110.34	.99		.067	.5	17	21	3
			FX411600	110.34	111.40	1.06		.055	.6	13	20	3
			FX411601	111.40	112.33	.93		.075	.5	30	22	5
		109.35 110.34 As above with 15% pyrrhotite and pyrite.	FX411602	112.33	112.76	.43		.073	.3	49	24	9
		110.34 111.40 As above with 20% pyrrhotite and pyrite.	FX411603	112.76	113.34	.58		.125	1.8	77	21	16
		111.40 112.33 As above with 40% pyrrhotite and pyrite.	FX411604	113.34	113.80	.46		.008	.1	18	23	1
		112.33 112.76 As above but cut by 7% faulted quartz, calcite veining up to 5 millimetre thick, 30% pyrrhotite and pyrite.	FX411605	113.80	114.80	1.00		.003	.1	17	26	1
			FX411606	114.80	115.80	1.00		.016	.2	17	19	2
			FX411607	115.80	116.65	.85		.017	.1	12	26	1
		112.76 113.34 As above with 30% pyrite and pyrrhotite, pyrite common along fractures, 3% quartz calcite veining.	FX411608	116.65	117.65	1.00		.012	.1	7	23	1
		113.34 113.80 As above with 3% pyrite and pyrrhotite.										
		113.80 114.80 As above, looks shattered, 3% pyrite and pyrrhotite, cut by 1 centimetre thick quartz, calcite vein with angle to core axis of 60 degrees.										
		114.80 115.80 As above.										
		115.80 116.65 As above but more porphyritic, bleached										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		pale green, cut by 1 centimetre quartz, calcite vein with angle to core axis of 30 degrees.										
116.65	117.65	As above bleached pale green, local chloritic fault breccia.										

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 250.0 m	NTS SHEET #	: 82E-6W	STARTED	: 17 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -45.0 m	TOWNSHIP	:	COMPLETED	: 19 March,1989
BOREHOLE	: 72474-A	ELEVATION	: 1456.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: .0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -90.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 222.5 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None
LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
182.87	.0	-90.00									

**********DESCRIPTION**********

FROM m	TO m	DESCRIPTION
.00	4.27	CASING
4.27	8.05	AGGLOMERATE Porphyritic pale green trachyte clasts in tuffaceous matrix. 4.27 5.49 As above cut by 2% calcite veining, with angle to core axis of 30 degrees, clasts are intensely chlorite altered, phenocrysts intensely altered to clay, matrix weakly silicified. 5.49 6.55 As above with 1% quartz, calcite veining. 6.55 7.50 As above and cut by 3% calcite veining, some

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
NS	.00	4.27	4.27		n/a	n/a	n/a	n/a	n/a
FX411610	4.27	5.49	1.22		.011	.1	8	24	1
FX411611	5.49	6.55	1.06		.013	.1	9	20	1
FX411612	6.55	7.50	.95		.014	.2	9	20	1
FX411613	7.50	8.05	.55		.016	.1	8	29	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		broken core.										
		7.50 8.05 As above cut by 5% calcite veining up to 1 centimetre thick, broken core common, fault breccia near lower contact.										
8.05	8.90	BRECCIA										
		Intensely chloritic fault breccia with 4% calcite veining, gouge locally.	FX411614	8.05	8.90	.85		.013	.1	7	23	1
8.90	10.78	AGGLOMERATE										
		Calcite veining,.	FX411615	8.90	9.85	.95		.014	.1	11	23	1
		8.90 9.85 As above, highly broken, crushed and shattered with 5% patchy.	FX411616	9.85	10.78	.93		.015	.1	8	18	1
		9.85 10.78 Agglomerate as above, abundant broken core, gouge locally, 2% calcite veining.										
10.78	11.30	BRECCIA										
		Typical fault breccia with chlorite -rich matrix, gouge locally, cut by 3% calcite veining.	FX411617	10.78	11.30	.52		.012	.1	18	11	1
11.30	22.20	AGGLOMERATE										
		11.30 12.48 As above crushed, broken, chloritic.	FX411618	11.30	12.48	1.18		.012	.1	7	19	1
		12.48 13.33 As above, highly sheared with chloritic gouge locally.	FX411619	12.48	13.33	.85		.012	.1	8	22	1
			FX411620	13.33	14.24	.91		.008	.1	11	15	1
		13.33 14.24 Agglomerate as above but slightly less sheared.	FX411621	14.24	15.20	.96		.014	.1	9	19	1
			FX411622	15.20	15.39	.19		.013	.1	5	32	1
		14.24 15.20 As above, moderately sheared, 3% patchy calcite veining.	FX411623	15.39	16.37	.98		.012	.1	10	24	1
			FX411624	16.37	17.58	1.21		.021	.4	7	23	2

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
15.20	15.39	As above, locally abundant broken core, moderately sheared, 10% patchy calcite, quartz veining.	FX411625	17.58	18.55	.97		.030	.1	9	22	1
15.39	16.39	Agglomerate as above with large trachyte clast, relatively massive and cut by 2% calcite, quartz veining,.	FX411626	18.55	19.55	1.00		.027	.3	19	25	1
16.39	17.58	Agglomerate as above, locally intensely silicified, 4% patchy quartz, calcite veining,.	FX411627	19.55	20.05	.50		.027	.2	155	28	2
17.58	18.55	Relatively massive agglomerate as above with large trachyte component, 2% quartz, calcite veining.	FX411628	20.05	20.55	.50		.049	.5	93	26	3
18.55	19.55	Agglomerate as above with local intense silicification, some jasperoidal, cut by 3% patchy quartz, calcite veins.	FX411629	20.55	21.30	.75		.041	.6	95	27	1
19.55	20.05	Massive trachyte clast ?, weakly silicified ?, 1% quartz, calcite veining.	FX411630	21.30	22.20	.90		.039	.6	60	29	2
20.05	20.55	Trachyte agglomerate as above, moderately to intensely silicified and cut by quartz veins with minor calcite, up to 3 centimetre thick with angle to core axis of 70 degrees, 10% quartz, calcite veining.										
20.55	21.30	As above with some broken core near upper contact, local shear breccia, variably silicified, cut by 3% patchy calcite, quartz veining.										
21.30	22.20	Agglomerate as above, highly brecciated, chloritic, 3% patchy calcite veining.										
22.20	23.05	FAULT Gouge and fault breccia, abundant broken core, chloritic.	FX411631	22.20	23.05	.85		.021	.2	24	43	2

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
23.05	23.95	TRACHYTE										
		Locally intense silicified and cut by chloritic shears and fault breccia, cut by 1% quartz veining, up to 1% pyrite.	FX411632	23.05	23.95	.90		.086	.4	45	21	2
23.95	24.33	QUARTZ VEIN										
		Calcite vein 5 centimetre thick with angle of 45 degrees to core axis and minor quartz, pyritic selvage, wallrocks chloritic, 12 % quartz, calcite veining.	FX411633	23.95	24.33	.38		.230	1.5	251	22	12
24.33	26.54	AGGLOMERATE										
		24.33 24.77 Intensely silicified agglomerate, highly shattered, up to 1% pyrite,.	FX411634	24.33	24.77	.44		.059	.9	61	27	3
			FX411635	24.77	25.30	.53		.023	.5	27	27	2
		24.77 25.30 Agglomerate as above but chloritic, highly shattered and grading into breccia, cut by 3% patchy quartz, calcite veining.	FX411636	25.30	26.54	1.24		.086	.9	221	26	5
		25.30 26.54 Agglomerate, highly fractured, locally brecciated, cut by 3% quartz, calcite veining up to 1 centimetre thick, locally weakly silicified.										
26.54	28.19	BRECCIA										
		26.54 27.52 Abundant broken core, chloritic, local gouge and rock flour matrix.	FX411637	26.54	27.52	.98		.051	.4	82	43	3
			FX411638	27.52	28.19	.67		.610	1.3	329	27	9
		27.52 28.19 Breccia as above.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
28.19	35.95	AGGLOMERATE										
	28.19 28.76	Agglomerate as above, highly fractured and brecciated, cut by 4% quartz, calcite veining	FX411639	28.19	28.76	.57		.450	1.1	293	18	14
			FX411640	28.76	29.75	.99		.049	.5	168	27	1
	28.76 29.75	As above cut by 1% quartz, calcite veining, chloritic.	FX411641	29.75	30.92	1.17		.023	.1	6	24	1
			FX411642	30.92	31.55	.63		.024	.1	10	30	2
	29.75 30.92	As above.	FX411643	31.55	32.56	1.01		.013	.1	16	38	1
	30.92 31.55	As above with broken core common.	FX411644	32.56	33.70	1.14		.018	.1	21	30	1
	31.55 32.56	As above but pink jasperoid colour common, cut by 4% calcite veining up to 1 centimetre thick.	FX411645	33.70	34.75	1.05		.021	.2	36	25	1
			FX411646	34.75	35.27	.52		.034	.2	34	40	1
			FX411647	35.27	35.95	.68		.043	.5	195	36	1
	32.56 33.70	As above with moderate to intense jasperoid replacement of matrix, cut by 4% calcite veining.										
	33.70 34.75	As above with intense jasperoid replacement of matrix, broken core common, cut by 2% calcite, quartz veining.										
	34.75 35.27	As above with jasperoid replacement of matrix, cut by 2% quartz, calcite veining.										
	35.27 35.95	As above cut by 5% quartz, calcite veining, saprolite to core axis, jasperoid as above.										
35.95	36.14	QUARTZ VEIN										
		Agglomerate cut by 7 centimetre thick calcite vein with delicate banding locally, angle to core axis 35 degrees, wallrock is chloritic.	FX411648	35.95	36.14	.19		.073	.7	141	21	3
36.14	42.78	AGGLOMERATE										
	36.14 36.57	As above, chloritic with minor weak jasperoid replacement of matrix.	FX411649	36.14	36.57	.43		.032	.5	75	40	1
			FX411650	36.57	37.67	1.10		.056	.6	88	30	3
	36.57 37.67	As above with local jasperoid replacement of	FX411651	37.67	38.60	.93		.031	.5	25	27	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPN	BA PPM	MO PPM
		matrix, cut by 5% calcite veining up to 1 centimetre thick.	FX411652	38.60	39.60	1.00		.034	.7	26	30	1
			FX411653	39.60	39.92	.32		.060	.7	30	30	1
37.67	38.60	As above but no red colour , weak to intense silicification of matrix, cut by 3% calcite veining.	FX411654	39.92	40.99	1.07		.148	1.1	86	40	5
			FX411655	40.99	41.19	.20		.226	1.5	77	29	5
			FX411656	41.19	42.12	.93		.730	1.2	102	39	4
38.60	39.60	As above with weak local silicification, mainly chloritic, cut by up to 1% calcite veining.	FX411657	42.12	42.78	.66		.240	.9	88	32	4
39.60	39.92	As above, abundant broken core, local intense silicification of matrix, up to 1% pyrite.										
39.92	40.99	As above with local intense silicification, cut by 4% quartz with minor calcite veining, 3 centimetre thick quartz vein with angle to core axis of 45 degrees, pale green quartz, up to 1% pyrite.										
40.99	41.19	As above cut by 2 centimetre thick calcite vein with angle to core axis of 20 degrees, 12% calcite veining, wallrock locally silicified, up to 1% pyrite.										
41.19	42.12	As above, intensely silicified and cut by 1% patchy quartz, calcite veining.										
42.12	42.78	Abundant broken core, agglomerate as above, intense silicification common, local quartz veining at 50 degrees to core axis, up to 2 centimetre thick, up to 1% pyrite.										
42.78	43.88	QUARTZ VEIN										
		42.78 43.32 White, crudely interbanded with calcite, with angle to core axis of 45 degrees, 8 centimetre thick, vein breccia clasts and	FX411658	42.78	43.32	.54		15.500	5.7	36	20	13
			FX411659	43.32	43.88	.56		.430	.9	62	16	22

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		wallrock intensely to totally silicified, up to 1% pyrite, 30% quartz veining.										
	43.32 43.88	Brecciated quartz vein and quartz vein breccia as above, clasts of vein material and of totally silicified volcanics, local rock flour matrix, up to 1% pyrite.										
43.88	44.25	AGGLOMERATE										
		Local intense silicification, locally chloritic, broken core common, some vein material as clasts.	FX411660	43.88	44.25	.37		.157	.6	58	38	3
44.25	44.85	QUARTZ VEIN										
	44.25 44.55	Quartz vein breccia as above, rounded clasts of vein material common along with totally silicified volcanic clasts, locally pyritized, 3% pyrite, matrix is quartz and rock flour.	FX411661	44.25	44.55	.30		.300	1.0	56	27	43
			FX411662	44.55	44.85	.30		.340	1.7	67	18	82
	44.55 44.85	Quartz vein breccia as above with clast vein material and totally silicified volcanics, up to 1% pyrite, this breccia is similar to the one exposed at the ROAD showing quartz is dull pale gray, cryptocrystalline.										
44.85	46.49	AGGLOMERATE										
	44.85 45.35	As above, mainly chloritic but at upper contact , 9 centimetre are intensely silicified, locally cut by calcite veinlets near upper contact, 2% pyrite.	FX411663	44.85	45.35	.50		.031	.5	42	45	6
			FX411664	45.35	46.12	.77		.017	.2	29	43	1
			FX411665	46.12	46.49	.37		.014	.3	14	109	1
	45.35 46.12	As above, locally brecciated, pink with										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		weakly developed jasperoid alteration, cut by 1% calcite veining, no silicification.										
		46.12 46.49 Agglomerate as above cut by 8% calcite, quartz veining up to 1.5 centimetre thick, local banding, agglomerate is chloritic.										
46.49	47.07	FAULT										
		Highly sheared chloritic, with local gouge, cut by 1% calcite veining, chlorite -rich.	FX411666	46.49	47.07	.58		.011	.2	3	30	1
47.07	49.33	AGGLOMERATE										
		47.07 48.04 Chloritic agglomerate cut by calcite vein 1 centimetre thick, saprolite to core axis, no silicification, up to 1% pyrite.	FX411667	47.07	48.04	.97		.009	.2	6	34	2
			FX411668	48.04	48.99	.95		.018	.1	8	46	4
			FX411669	48.99	49.33	.34		.016	.1	9	42	5
		48.04 48.99 As above but relatively massive, no silicification, up to 2% pyrite, cut by 2% calcite veining.										
		48.99 49.33 Agglomerate as above, relatively massive, cut by 3% patchy quartz, calcite veining up to 1 centimetre thick, 2% pyrite.										
49.33	49.60	FAULT										
		Chloritic and cut by 2% quartz, calcite veining, local gouge, highly sheared, brecciated agglomerate, 1% pyrite.	FX411670	49.33	49.60	.27		.020	.3	21	38	6
49.60	52.73	AGGLOMERATE										
		Cut by 1% quartz, calcite veining, up to 1% pyrite.	FX411671	49.60	50.62	1.02		.006	.1	7	70	2
		(?- in centre of vein), up to 1% pyrite.	FX411672	50.62	51.51	.89		.011	.1	7	73	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		5 Centimetre chloritic gouge fault breccia at lower contact.	FX411673	51.51	51.95	.44		.008	.1	4	63	1
			FX411674	51.95	52.73	.78		.008	.1	7	59	1
		49.60 50.62 Agglomerate locally silicified near upper contact, mainly non- silicified,.										
		50.62 51.51 As above with weakly to moderately silicified matrix cut by 2% calcite, quartz veining.										
		51.51 51.95 As above cut by 8% patchy interstitial quartz, calcite, fluorite, alunite.										
		51.95 52.73 As above cut by up to 1% calcite veining, relatively massive, no silicification,.										
52.73	54.14	TRACHYTE										
		Typical feldspar trachyte.	FX411675	52.73	53.49	.76		.008	.1	12	72	1
		52.73 53.49 Chloritic trachyte, relatively massive, cut by 1% patchy calcite veining, up to 1% pyrite.	FX411676	53.49	53.73	.24		.003	.1	3	61	1
			FX411677	53.73	54.14	.41		.001	.1	8	72	1
		53.49 53.73 As above cut by 1 centimetre quartz calcite vein with chloritic ribbons, at angles of 35 degrees to core axis, 6% veining, up to 1% pyrite.										
		53.73 54.14 As above cut by 1 % patchy calcite veining up to 5 millimetre thick, up to 1% pyrite.										
54.14	60.17	AGGLOMERATE										
		54.14 55.14 Highly sheared and brecciated agglomerate, moderate jasperoidal alteration of clasts, local chloritic shears and fault breccia common, cut by 3% patchy calcite veining.	FX411678	54.14	55.14	1.00		.010	.2	8	52	1
			FX411679	55.14	56.14	1.00		.006	.2	9	59	1
			FX411680	56.14	57.38	1.24		.007	.2	5	68	1
			FX411681	57.38	58.13	.75		.003	.1	6	74	1
		55.14 56.14 As above, up to sheared, matrix and some	FX411682	58.13	58.78	.65		.007	.1	2	53	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		clasts moderately replaced by jasperoid, cut by 3% calcite veining.	FX411683	58.78	59.62	.84		.007	.1	8	53	1
			FX411684	59.62	60.17	.55		.004	.1	5	44	1
56.14	57.38	Moderately sheared agglomerate as above, up to 1% pyrite, cut by local fault and fault breccia shears.										
57.38	58.13	Pale green agglomerate as above, less pink, cut by up to 1% calcite veining.										
58.13	58.78	Chloritic agglomerate as above, cut by 1% patchy calcite veining.										
58.78	59.62	Chloritic agglomerate as above, cut by calcite quartz veins more than 3 centimetre thick, patchy , highly chloritic at lower contact, 5% veining.										
59.62	60.17	Chloritic agglomerate cut by patchy calcite quartz veining up to 3 centimetre thick, 7% veining.										
60.17	62.56	TRACHYTE										
60.17	60.85	Moderately sheared, chloritic, cut by 1% calcite veining, very chloritic.	FX411685	60.17	60.85	.68		.003	.1	3	62	1
			FX411686	60.85	61.50	.65		.004	.1	2	62	1
60.85	61.50	Chlorite rich trachyte as above, shearing common, cut by up to 1% calcite veining.	FX411687	61.50	62.56	1.06		.004	.1	10	53	1
61.50	62.56	Chloritic trachyte cut by 4% patchy calcite veining, relatively massive 62.56 63.14 typical trachyte agglomerate difficult to distinguish from trachyte, relatively massive, cut by 6% calcite veining with minor quartz, veins angle of 30 degrees to core axis, veins up to 1 centimetre thick.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
62.56	70.24	AGGLOMERATE										
	63.14 64.19	As above, cut by 3% patchy calcite veining, up to 1% pyrite.	FX411688	62.56	63.14	.58		.009	.2	11	54	1
			FX411689	63.14	64.19	1.05		.011	.1	17	55	1
	64.19 65.19	As above, chloritic with typical phenocryst alteration to clay, cut by patchy calcite veining up to 1 centimetre thick, 6% veining, weak jasperoidal alteration of matrix.	FX411690	64.19	65.19	1.00		.008	.1	14	48	1
			FX411691	65.19	66.15	.96		.008	.1	15	41	1
			FX411692	66.15	67.15	1.00		.004	.1	19	63	1
			FX411693	67.15	68.15	1.00		.003	.1	10	55	1
			FX411694	68.15	69.15	1.00		.010	.1	22	57	2
	65.19 66.15	As above, with weak jasperoidal alteration of matrix, cut by 4% patchy calcite veining up to 1.5 centimetre thick, with angle of 30 degrees to core axis.	FX411695	69.15	69.74	.59		.006	.1	15	71	1
			FX411696	69.74	70.24	.50		.002	.1	11	73	1
	66.15 67.15	As above, chloritic cut by 2% patchy calcite veining, local fault breccia along shear at 30 degree to core axis.										
	67.15 68.15	Chloritic agglomerate as above cut by 3% quartz calcite veining up to 1 centimetre thick,.										
	68.15 69.15	Highly sheared chloritic agglomerate cut by up to 1% calcite veining, shearing at angles of 30 degrees to core axis.										
	69.15 69.74	As above, relatively massive, chloritic, cut by 3% quartz calcite veining up to 1 centimetre thick, patchy.										
	69.74 70.24	As above, chloritic, relatively massive, relatively undeformed pumiceous clasts.										
70.24	76.92	FAULT										
	70.24 70.87	Highly sheared agglomerate fault breccia with local gouge, some broken core, fissile.	FX411697	70.24	70.87	.63		.010	.1	17	109	3
			FX411698	70.87	71.93	1.06		.002	.1	10	126	2
	70.87 71.93	Abundant broken core, some lost core, highly	FX411699	71.93	75.64	3.71		.006	.1	4	107	2

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		sheared chloritic brecciated agglomerate, core pebbles common.	FX411700	75.64	76.29	.65		.018	.3	4	112	8
			FX411701	76.29	76.92	.63		.015	.1	8	106	7
	71.93 75.64	Some broken core and ground core, lost core, local intense silicification.										
	75.64 76.29	Highly sheared with shear fabric at 30 degrees to core axis minor silicified clasts and some broken quartz vein material, minor massive pyrrhotite -rich clasts.										
	76.29 76.92	As above, shear fabric at 30 degree to core axiss, 4 centimetre thick massive pyrrhotite clasts, clasts are plucked&rounded&elliptical in shape, matrix in fault breccia is mainly rock flour and chlorite.										
76.92	78.94	AGGLOMERATE										
	76.92 77.92	Agglomerate with minor jasperoidal alteration matrix, pyrite and pyrrhotite in matrix, chloritic moderately sheared, 3% pyrite and pyrrhotite.	FX411702	76.92	77.92	1.00		.034	.8	148	80	12
			FX411703	77.92	78.64	.72		.021	.3	45	81	14
			FX411704	78.64	78.94	.30		.024	.2	20	61	1
	77.92 78.64	Agglomerate as above, no pink colour, 5% pyrite and pyrrhotite in matrix.										
	78.64 78.94	Agglomerate with minor jasperoidal alteration										
78.94	79.98	BRECCIA										
	78.94 79.21	Breccia with quartz vein material in quartz, pyrite matrix, 6 centimetre gouge and fault breccia at upper contact, lower contact vein at 60 degrees to core axis, 20 % pyrite and pyrrhotite.	FX411705	78.94	79.21	.27		.074	1.6	124	59	105
			FX411706	79.21	79.40	.19		.018	.3	37	49	9
			FX411707	79.40	79.98	.58		.003	.8	59	47	12

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		79.21 79.40 Breccia as above with quartz vein clasts and silicified volcanic clasts in pyritic siliceous matrix, 2% pyrite.										
		79.40 79.98 Breccia as above with pyrite and quartz replacement, chloritic, cut by 3% quartz calcite veining, clasts are variably silicified, pyritized&chloritized ,.										
79.98	80.79	FAULT										
		Chloritic fault breccia matrix of rock flour and gouge, lens-like resistant clasts surrounded by sheared chlorite -rich rock flour matrix, cut by 1% patchy quartz, calcite veining.	FX411708	79.98	80.79	.81		.011	.1	17	85	2
80.79	84.83	TRACHYTE										
		80.79 81.39 Flow top of trachyte, upper half is moderately jasperoid altered, lower half is not silicified and is chloritic, cut by 1% calcite veining, relatively massive.	FX411709	80.79	81.39	.60		.014	.1	6	207	1
			FX411710	81.39	82.81	1.42		.008	.1	6	299	1
			FX411711	82.81	84.29	1.48		.006	.1	8	77	1
			FX411712	84.29	84.83	.54		.008	.2	10	55	1
		81.39 82.81 As above, relatively massive cut by 1% quartz calcite veining, dark green.										
		82.81 84.29 As above.										
		84.29 84.83 Moderately brecciated and replaced by jasperoid, chlorite locally, brecciation at lower contact.										
84.83	95.06	BRECCIA										
		84.83 85.18 Chloritic rock flour breccia with chlorite -rich clasts, 5% pyrite and pyrrhotite.	FX411713	84.83	85.18	.35		.012	.4	15	93	2
			FX411714	85.18	85.54	.36		.010	.1	7	220	1

**********DESCRIPTION**********

FROM m	TO m	
85.18	85.54	Breccia as above, but matrix is rich in calcite and fine grained silica, clasts are locally silicified, pyritized&chloritized, 5% pyrite and pyrrhotite.
85.54	85.86	Chlorite rock flour matrix breccia with chloritic clasts.
85.86	86.00	Breccia as above but intensely silicified with 1% calcite veining, 1% pyrite.
86.00	86.42	Breccia as above with chlorite and rock flour matrix cut by 4% patchy calcite veining, minor silicified clasts.
86.42	86.68	Chlorite rock flour matrix breccia with chloritic clasts, some pyritic, 5% pyrite and pyrrhotite.
86.68	86.96	Breccia as above but moderately silicified and cut by 8% patchy calcite veining, 3% pyrite.
86.96	87.23	Breccia as above with gouge and clay and rock flour matrix, some variably silicified clasts.
87.23	88.23	Breccia as above chlorite and rock flour gouge matrix, rare silicified clasts 88.23 89.23 as above, matrix supported, cut by 1% patchy calcite veining.
89.23	90.19	As above cut by 2% patchy calcite veining.
90.19	91.08	As above.
91.08	92.08	As above with quartz calcite vein clasts locally throughout breccia, especially for 88.23 to 89.23&89.23 to 90.19, 2% pyrite and pyrrhotite.
92.08	93.01	As above, 5% pyrite pyrrhotite, still matrix supported, typical chaotic breccia.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411715	85.54	85.86	.32		.007	.1	7	111	1
FX411716	85.86	86.00	.14		.006	.1	6	95	1
FX411717	86.00	86.42	.42		.008	.1	5	103	1
FX411718	86.42	86.68	.26		.020	.1	9	140	1
FX411719	86.68	86.96	.28		.008	.1	5	214	1
FX411720	86.96	87.23	.27		.014	.1	4	179	2
FX411721	87.23	88.23	1.00		.012	.2	8	66	1
FX411722	88.23	89.23	1.00		.007	.2	14	54	1
FX411723	89.23	90.19	.96		.012	.1	39	66	3
FX411724	90.19	91.08	.89		.009	.1	25	101	3
FX411725	91.08	92.08	1.00		.011	.2	7	70	2
FX411726	92.08	93.01	.93		.009	.2	15	66	3
FX411727	93.01	94.06	1.05		.014	.2	71	98	3
FX411728	94.06	95.06	1.00		.003	.1	92	62	4

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	93.01 94.06	Breccia as above, but starting to look like a sheared agglomerate, chloritic local shear fluxion, banded at 60 degrees to core axis, looks crushed, broken shattered.										
	94.06 95.06	As above, relatively massive, almost agglomerate.										
95.06 99.08	AGGLOMERATE											
	95.06 96.06	Highly brecciated and locally sheared, cut by up to 1% calcite veining.	FX411729	95.06	96.06	1.00		.009	.3	47	70	9
			FX411730	96.06	96.63	.57		.007	.1	6	87	1
	96.06 96.63	As above highly shattered, cut by 1% calcite veining.	FX411731	96.63	96.93	.30		.016	.1	13	81	2
			FX411732	96.93	97.71	.78		.006	.1	9	537	3
	96.63 96.93	As above cut by 2 banded quartz veins with angle to core axis of 30 degrees and 10 degrees, 1 centimetre thick, 8% veining.	FX411733	97.71	98.51	.80		.014	.1	5	65	1
			FX411734	98.51	99.08	.57		.004	.1	5	376	1
	96.93 97.71	Agglomerate with large clasts of trachyte, relatively massive, cut by 1% quartz calcite veining, 1 quartz vein 6 millimetre thick.										
	97.71 98.51	Moderately sheared agglomerate with big jasperoidal weak to moderate jasperoidal mtx replacement, local chloritic gouge, 2% pyrite.										
	98.51 98.73	As above.										
	98.73 99.08	Trachyte as above, fault slip at lower contact.										
99.08 102.38	BRECCIA											
	99.08 99.36	Bright rock flour matrix breccia with pyrite and pyrrhotite with clasts variably	FX411735	99.08	99.36	.28		.017	.2	23	67	5
			FX411736	99.36	99.54	.18		.026	.1	14	51	8

FROM m	TO m	DESCRIPTION
		pryritized silicified and chloritic, 4% pyrite and pyrrhotite.
99.36	99.54	As above cut by quartz vein 5 centimetre thick with angle to core axis of 60 degrees, pyritic wallrocks, 30% pyrite and pyrrhotite, 35% veining, not quartz vein but moderately silicified lens.
99.54	99.84	Breccia as above with variably silicified, pyritized&chloritized clasts, 30% pyrite and pyrrhotite.
99.84	99.97	As above with 5% pyrite and pyrrhotite, intense silicification common.
99.97	100.48	Breccia as above with chlorite rock flour matrix, 2% pyrite and pyrrhotite, cut by up to 1% calcite vein.
100.48	100.63	As above cut by quartz matrix, as above with clasts of quartz vein breccia, 2% pyrite.
100.63	100.85	Typical chlorite rock flour matrix breccia.
100.85	101.27	As above with weakly silicified zone flanked by pyritic selvage , this is not a vein, 15% pyrite and pyrrhotite, 10 centimetre thick weakly silicified zone in centre of interval.
101.27	102.38	Breccia as above with 30% pyrite and pyrrhotite, variably silicified, pryritized , and chloritized clasts.
102.38	104.23	AGGLOMERATE
102.38	103.17	Highly sheared agglomerate, chloritic with minor jasperoid altered clasts, 1% pyrite.

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411737	99.54	99.84	.30		.031	.7	28	58	8
FX411738	99.84	99.97	.13		.015	1.8	48	60	13
FX411739	99.97	100.48	.51		.023	.3	11	62	4
FX411740	100.48	100.63	.15		.014	.1	15	57	7
FX411741	100.63	100.85	.22		.025	.2	19	67	5
FX411742	100.85	101.27	.42		.029	.9	13	75	5
FX411743	101.27	102.38	1.11		.057	.9	22	59	6
FX411744	102.38	103.17	.79		.012	.2	6	56	1
FX411745	103.17	104.23	1.06		.006	.1	6	44	2

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		103.17 104.23 Agglomerate as above.										
104.23	106.23	TRACHYTE										
		104.23 105.23 Trachyte as above, feldspar porphyritic, relatively massive, gray green colour, cut by 5 centimetre jasper vein, relatively unaltered.	FX411746	104.23	105.23	1.00		.005	.1	3	211	1
			FX411747	105.23	106.23	1.00		.001	.1	4	132	1
		105.23 106.23 Trachyte as above, looking agglomeratic in places, cut by 1% calcite veining with angle to core axis of 20 degrees.										
106.23	111.86	AGGLOMERATE										
		106.23 107.44 Trachyte agglomerate weakly fractured, non silicified and cut by up to 1% calcite veining.	FX411748	106.23	107.44	1.21		.002	.1	3	74	1
			FX411749	107.44	108.81	1.37		.001	.1	6	80	1
			FX411750	108.81	109.95	1.14		.004	.1	7	51	1
		107.44 108.81 Agglomerate as above with little alteration and up to 1% veining, abundant broken core.	FX411751	109.95	110.95	1.00		.003	.1	5	67	1
			FX411752	110.95	111.86	.91		.002	.1	4	55	1
		108.81 109.95 Agglomerate as above but highly shattered with abundant broken core and local shears, 6 centimetre fault breccia at upper contact, cut by 1% calcite veining, local weak jasperoidal alteration.										
		109.95 110.95 Agglomerate as above with minor weak jasperoid alteration, pyrrhotite lensy alteration locally, cut by 2% quartz, calcite veining, 2% pyrrhotite.										
		110.95 111.86 Agglomerate as above with 1% disseminated pyrite and pyrrhotite, cut by 1% quartz, calcite veining, up to 5 millimetre thick.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
111.86	115.45	TRACHYTE										
111.86	112.51	Pale green, bleached, porphyritic trachyte with pyrrhotite replacement lensy to patchy, cut by 3% quartz, calcite veining, 10% pyrrhotite, pyrrhotite very fine grained and in places difficult to distinquish.	FX411753	111.86	112.51	.65		.004	.2	8	54	2
			FX411754	112.51	113.51	1.00		.005	.1	2	47	2
			FX411755	113.51	114.53	1.02		.002	.1	2	66	2
			FX411756	114.53	115.14	.61		.003	.1	2	36	1
			FX411757	115.14	115.45	.31		.030	.3	8	40	2
112.51	113.51	Trachyte as above with lensy pyrrhotite replacement, 15% pyrrhotite, cut by 1% calcite veining, dark green.										
113.51	114.53	Trachyte as above, with disseminated to massive pyrrhotite replacement, more than 15% pyrrhotite, cut by up to 1% calcite veining.										
114.53	115.14	Trachyte as above, cut by 1% calcite veining, 3% disseminated pyrrhotite.										
115.14	115.45	Trachyte cut by quartz calcite vein up to 1.5 centimetre thick with angle to core axis of 60 degrees, wallrock has disseminated pyrrhotite, and is chloritic with gouge at lower contact, 6% quartz, calcite veining, 10% pyrrhotite.										
115.45	123.65	AGGLOMERATE										
		{Note -the aglm above for serveral intervals in addition to having po in matrix has had quartz}.	FX411758	115.45	116.45	1.00		.053	.4	9	28	9
			FX411759	116.45	117.46	1.01		.066	.5	11	32	12
115.45	116.45	Medium green agglomerate, poorly defined clasts, with feldspar phenocrysts common, cut by 2% calcite veining, pyrrhotite and	FX411760	117.46	118.46	1.00		.047	.1	5	29	4
			FX411761	118.46	119.46	1.00		.051	.1	6	30	4
			FX411762	119.46	120.31	.85		.043	.1	10	35	6

**********DESCRIPTION**********

FROM m	TO m	
		pyrite in matrix common, 15% pyrrhotite and pyrite.
116.45	117.46	As above, moderately sheared, cut by 2% calcite veining, 20% pyrrhotite and pyrite as dissemination, clasts , and replacement of matrix.
117.46	118.46	As above, cut by 3% quartz calcite veining, 10% pyrrhotite and pyrite.
118.46	119.46	As above, cut by 4% quartz calcite veining, patchy, 20% pyrrhotite and pyrite, especially as matrix replacement.
119.46	120.31	As above cut by 3% patchy quartz calcite veining, pyrrhotite and pyrite 3% as matrix replacement.
120.31	120.68	As above cut by 2 centimetre thick vein quartz calcite with angle to core axis of 45 degrees, 6% quartz, calcite veining, 2% pyrrhotite and pyrite.
120.68	121.68	As above with 30% pyrrhotite and pyrite replacement of matrix, good clast definition.
121.68	122.68	As above with siliceous pyrrhotite calcite matrix, 30% pyrrhotite and pyrite replacement of matrix, cut by 2% patchy calcite veining, tectonized with chloritic matrix at lower contact.
122.68	123.65	As above cut by shear fractures with fault breccia, cut by 2% patchy quartz, calcite veining, 5% lensy pyrrhotite.

123.65 124.00 FAULT

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411763	120.31	120.68	.37		.039	.2	8	24	4
FX411664	120.68	121.68	1.00		.017	.2	29	43	1
FX411765	121.68	122.68	1.00		.041	.2	14	27	6
FX411766	122.68	123.65	.97		.035	.4	14	25	6

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		Fault breccia with chloritic gouge and at upper contact and lower contact, cut by patchy quartz calcite veining 8%, 2% pyrrhotite and pyrite.	FX411767	123.65	124.00	.35		.018	.2	11	24	4
124.00	125.35	AGGLOMERATE										
		124.00 125.09 Dark green massive agglomerate cut by 1% patchy quartz calcite veining, 2% pyrrhotite replacement.	FX411768	124.00	125.09	1.09		.018	.2	8	24	3
			FX411769	125.09	125.35	.26		.021	.3	9	92	3
		125.09 125.35 As above, cut by 8% quartz calcite veins up to 1 centimetre thick, highly faulted , with angle to core axis of 90 to 80 degrees, 8% veining, pyrrhotite and pyrite in wallrocks, 10% pyrrhotite and pyrite.										
125.35	140.21	TRACHYTE										
		{Comment- in most of these pyrrhotite observations very little pyrite can be distinguished, in fact I might even delete the pyrite.	FX411770	125.35	126.00	.65		.021	.2	11	35	2
			FX411771	126.00	127.00	1.00		.012	.1	4	32	2
			FX411772	127.00	127.33	.33		.009	.1	12	55	2
		125.35 126.00 Green gray porphyritic trachyte, relatively massive, lensy&patchy replacement by very fine grained pyrrhotite, cut by 1% calcite veining, broken core and fractured at upper contact, 15% pyrrhotite with minor pyrite.	FX411773	127.33	127.56	.23		.022	.2	7	31	3
			FX411774	127.56	128.00	.44		.003	.1	6	86	2
			FX411775	128.00	128.21	.21		.022	.5	20	80	5
			FX411776	128.21	128.65	.44		.005	.1	2	44	1
			FX411777	128.65	129.02	.37		.025	.4	8	43	4
			FX411778	129.02	130.18	1.16		.006	.1	4	39	1
		126.00 127.00 As above with 10% pyrrhotite, bleached pale green at lower contact, relatively massive {comment- these very fine grained dusty pyrrhotite quartz replace- ments must be responsible for the jasperoid in more oxidized environments}.	FX411779	130.18	130.32	.14		.024	.2	4	62	3
			FX411780	130.32	130.70	.38		.006	.1	2	49	2
			FX411781	130.70	131.02	.32		.012	.1	2	72	1
			FX411782	131.02	131.70	.68		.007	.1	7	59	1
			FX411783	131.70	132.45	.75		.002	.1	2	83	2
			FX411784	132.45	133.18	.73		.002	.1	2	73	2

**********DESCRIPTION**********

FROM m	TO m	
127.00	127.33	Agglomerate as above cut by 2% quartz calcite veining, 1% pyrrhotite,.
127.33	127.56	As above but replaced by pyrrhotite extensively, 30% pyrrhotite with minor pyrite.
127.56	128.00	As above with 1% pyrrhotite and pyrite cut by 1% calcite veining.
128.00	128.21	As above cut by 2 centimetre thick quartz calcite vein with angle to core axis of 45 degrees, 1% pyrite and pyrrhotite, no silicification.
128.21	128.65	Trachyte as above with 2% pyrite and pyrrhotite, relatively massive.
128.65	129.02	As above cut by 1 centimetre thick quartz vein with angle to core axis of 60 degrees, and pyrite and pyrrhotite replacement about 35%, 1% patchy calcite veining.
129.02	130.18	As above with local patchy pyrrhotite replacement, 2% pyrrhotite and pyrite, relatively massive.
130.18	130.32	Trachyte as above cut by 1 centimetre quartz, calcite, pyrite vein with angle to core axis of 60 degrees, wallrocks are replaced by pyrrhotite, 25% pyrrhotite, 8% veining.
130.32	130.70	As above with up to 2% pyrite and pyrrhotite , some broken core.
130.70	131.02	Trachyte cut by calcite quartz veins up to 1 centimetre thick with angle to core axis of 60 degrees, very fine grained pyrrhotite in wallrocks, 15% pyrrhotite,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411785	133.18	134.00	.82		.009	.1	2	67	1
FX411786	134.00	134.89	.89		.010	.1	2	39	2
FX411787	134.89	135.20	.31		.038	.4	7	38	3
FX411788	135.20	135.40	.20		.009	.1	4	46	1
FX411789	135.40	135.82	.42		.005	.1	3	31	3
FX411790	135.82	136.16	.34		.012	.2	7	63	2
FX411791	136.16	136.96	.80		.012	.1	6	36	2
FX411792	136.96	137.56	.60		.022	.1	3	139	4
FX411793	137.56	138.26	.70		.034	.1	12	104	4
FX411794	138.26	138.99	.73		.007	.1	2	43	2
FX411795	138.99	139.88	.89		.007	.1	3	66	2
FX411796	139.88	140.21	.33		.014	.1	5	117	3

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		5% veining.										
131.02	131.70	As above with local patchy pyrrhotite replacement, 10% pyrrhotite, cut by 1% quartz, calcite veining.										
131.70	132.45	As above with patchy pyrrhotite replacement, 1% quartz, calcite veining, 10 % pyrrhotite.										
132.45	133.18	As above, relatively massive, 1% pyrrhotite and pyrite, cut by up to 1% calcite veining.										
133.18	134.00	As above but bleached pale green, with 4% pyrrhotite, cut by 1% patchy quartz calcite veining.										
134.00	134.89	As above relatively massive, cut by 1% quartz calcite veining, 3% pyrrhotite and pyrite.										
134.89	135.20	As above cut by several thin quartz veins up to 5 millimetre thick, veins with angle of 45 degrees to core axis, 4% veining, 30% pyrrhotite with minor pyrite.										
135.20	135.40	As above cut by quartz calcite veins 4 centimetre thick with angle of 60 degrees to core axis, 20% veining, 20% pyrrhotite and pyrite.										
135.40	135.82	As above with 3% pyrrhotite, up to 1% calcite veining.										
135.82	136.16	As above cut by 1 centimetre thick quartz calcite vein with angle to core axis of 30 degrees, 5% veining, 30% pyrrhotite with minor pyrite.										
136.16	136.96	As above cut by 1% patchy quartz calcite vein up to 1 centimetre thick, 20% difuse										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		pyrrhotite replacement.										
	136.96 137.56	As above cut by 1% calcite veining, 4% difuse pyrrhotite replacement mainly along fractures.										
	137.56 138.26	As above cut by 2% quartz calcite veining, 20% diffuse pyrrhotite replacement.										
	138.26 138.99	As above cut by up to 1% quartz calcite veining, 2% pyrrhotite along fractures.										
	138.99 139.88	As above with 2% pyrrhotite.										
	139.88 140.21	As above cut by 5 millimetre thick quartz, calcite vein with angle to core axis of 45 degrees, 3% veining, 10% pyrrhotite.										
140.21 141.98		AGGLOMERATE										
	140.21 141.20	Agglomerate, moderately sheared, chloritic, with extensive pyrrhotite replacement along foliation, 20% pyrrhotite, cut by 1% patchy calcite veining.	FX411797	140.21	141.20	.99		.021	.2	4	95	6
			FX411798	141.20	141.98	.78		.005	.3	3	34	3
	141.20 141.98	As above but moderately to intensely sheared with angle to core axis of 60 degrees, gouge and rock flour fault breccia at lower contact and upper contact, chloritic, 7% pyrrhotite as replaced clasts and as lenses.										
141.98 142.98		TRACHYTE										
		Feldspar porphyritic trachyte, 3% pyrrhotite, relatively massive, cut by 2% calcite veining.	FX411799	141.98	142.98	1.00		.039	.9	18	30	7

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
142.98	144.27	AGGLOMERATE										
	142.98 143.90	Moderately sheared agglomerate cut by 4% quartz calcite veining, with shearing at 60 degrees to core axis, veining is along shears, veining along foliation, 10% pyrrhotite Comment - looking at next box it seems as if competent rocks underlie the shear&overlie the shear zone. Veining in this competent block is at systematic angles that suggest to me that they are dilational shear stress fractures, probably Riedel. The case can be made that the trachyte tends to provide dilational fractures whereas the agglomerate tends to be silicified and pyrrhotite -replaced with the formation of breccia zones.	FX411800	142.98	143.90	.92		.035	.6	13	76	7
			FX411801	143.90	144.27	.37		.055	.5	27	38	7
	143.90 144.27	As above, 3% pyrrhotite, weak jasperoidal replacement of matrix, 1% quartz, calcite veining.										
144.27	149.04	TRACHYTE										
	144.27 144.90	Porphyritic medium green trachyte, massive, cut by several quartz veins along dilational fractures, up to 1 centimetre thick, angles to core axis from 40 to 45 degrees, 3% veining, 1% pyrrhotite and pyrite.	FX411802	144.27	144.90	.63		.013	.1	13	28	2
			FX411803	144.90	145.95	1.05		.009	.1	2	36	1
			FX411804	145.95	146.30	.35		.022	.6	14	25	4
			FX411805	146.30	147.17	.87		.004	.1	7	43	1
			FX411806	147.17	147.82	.65		.003	.1	3	85	1
			FX411807	147.82	148.56	.74		.004	.1	2	48	1
	144.90 145.95	As above interval.	FX411808	148.56	148.74	.18		.006	.1	2	450	1
	145.95 146.30	As above cut by quartz calcite veins up to	FX411809	148.74	149.04	.30		.002	.1	6	67	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		1.5 centimetre thick, 12% veining, angles to core axis from 40 degree to 70 degree, up to 2% pyrrhotite and pyrite.										
	146.30 147.17	As above cut by quartz calcite veins up to 1 centimetre thick, 6% veining, with angles to core axis of 30 degrees, up to 1% pyrite and pyrrhotite.										
	147.17 147.82	As above cut by 1% quartz calcite veins, up to 1% pyrite and pyrrhotite.										
	147.82 148.56	As above cut by 1% quartz calcite veining, up to 1% pyrite and pyrrhotite.										
	148.56 148.74	As above cut by quartz pyrite pyrrhotite vein 1.5 centimetre thick with angle to core axis of 40 degrees, 12% veining, 5% pyrite and pyrrhotite.										
	148.74 149.04	As above cut by up to 1% quartz, calcite veinlets, 1% pyrite and pyrrhotite.										
149.04	150.29	FAULT										
		Agglomerate, highly sheared with chloritic and pyrrhotite replaced matrix, jasperoid clasts locally, fault breccia at upper contact , shear zone fault breccia at lower contact, 5% pyrite and pyrrhotite matrix chloritic with rock flour gouge,.	FX411810	149.04	150.29	1.25		.005	.3	10	180	1
150.29	159.85	AGGLOMERATE										
		Matrix -supported and may be a lahar, variably chloritized and pyritized.	FX411811	150.29	151.79	1.50		.001	.2	4	142	1
			FX411812	151.79	153.27	1.48		.003	.2	2	61	1
	150.29 151.79	As above, moderately sheared, some jasperoid clasts in upper half ,	FX411813	153.27	154.84	1.57		.001	.1	4	176	1
			FX411814	154.84	156.33	1.49		.002	.1	2	202	3

**********DESCRIPTION**********

FROM m	TO m	
		chloritic, 5% pyrite and pyrrhotite.
151.79	153.27	As above, cut by 1% patchy calcite veinlets, 5% pyrrhotite,.
153.27	154.84	As above, 5% pyrite and pyrrhotite, weak jasperoid alteration of clasts.
154.84	156.33	As above, 10% pyrite and pyrrhotite.
156.33	157.89	As above, moderately sheared, 10% pyrite and pyrrhotite.
157.89	158.81	As above, 25% pyrite and pyrrhotite, shear foliation more common with angle to core axis 70 to 90 degrees.
158.81	159.85	As above, moderately sheared, 30% pyrite and pyrrhotite, cut by 1% patchy calcite veining, shear foliation again at 70 to 90 degrees to core axis.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411815	156.33	157.89	1.56		.006	.1	7	44	2
FX411816	157.89	158.81	.92		.011	.1	2	40	1
FX411817	158.81	159.85	1.04		.003	.2	6	31	3

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 250.0 m	NTS SHEET #	: 82E-6W	STARTED	: 17 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -45.0 m	TOWNSHIP	:	COMPLETED	: 19 March,1989
BOREHOLE	: 72474-B	ELEVATION	: 1456.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: .0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -90.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 222.5 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None

LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
182.87	.0	-90.00									

**********DESCRIPTION**********

FROM m	TO m	
159.85	183.03	TUFF
		Pale green felsic ashflow tuff, partly welded, with dark green chloritic wispy fiamme only 3 mm long, streaky. Comment - the qualifier for this tuff should have commonly minimal 1 to 2 % pyrite}.
	159.85 160.80	As above, alignment and flattening at angle of 70 to 90 degrees to core axis.
	160.80 160.93	As above cut by 1 centimetre quartz calcite vein, angle to core axis of 30 degrees, 10% veining,.
	160.93 162.43	As above.
	162.43 163.98	As above with up to 1% quartz calcite veining.
	163.98 165.65	As above, up to 1% quartz calcite veining.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411818	159.85	160.80	.95		.002	.2	2	80	2
FX411819	160.80	160.93	.13		.002	.2	2	85	1
FX411820	160.93	162.43	1.50		.005	.1	2	57	2
FX411821	162.43	163.98	1.55		.002	.1	8	196	2
FX411822	163.98	165.65	1.67		.002	.1	2	141	1
FX411823	165.65	165.81	.16		.004	.1	4	88	2
FX411824	165.81	167.03	1.22		.002	.1	5	53	1
FX411825	167.03	168.15	1.12		.003	.1	7	67	1
FX411826	168.15	168.42	.27		.001	.1	2	94	1
FX411827	168.42	169.22	.80		.002	.1	4	83	1
FX411828	169.22	169.95	.73		.002	.2	5	81	1
FX411829	169.95	170.73	.78		.002	.1	2	68	1
FX411830	170.73	171.12	.39		.005	.1	3	224	1

**********DESCRIPTION**********

FROM m	TO m	
165.65	165.81	As above cut by quartz calcite vein from 1 centimetre to 2 centimetre thick, angle to core axis is 20 degrees, 15% veining.
165.81	167.03	As above.
167.03	168.15	As above with streaky chlorite foliation at 70 to 90 degrees to core axis,.
168.15	168.42	As above cut by 3 calcite veins, each 2 millimetre thick, angle to core axis is 45 degrees, 3% veining.
168.42	169.22	As above.
169.22	169.95	As above cut by 1% quartz calcite veining.
169.95	170.73	As above cut by up to 1% patchy quartz calcite veining.
170.73	171.12	As above cut by quartz calcite veins up to 1 centimetre thick, angle to core axis is 30 degrees, 5% veining.
171.12	172.87	As above, 1% patchy calcite quartz veining, relatively massive.
172.87	174.10	As above, cut by 1% calcite veining.
174.10	174.66	As above, cut by quartz calcite veining up to 1 centimetre thick, with angle to core axis of 30 degrees, 6% veining.
174.66	175.90	As above cut by 1% quartz calcite veining, some broken core.
175.90	177.28	As above up to 1% quartz calcite veining.
177.28	177.73	As above cut by vuggy calcite veins with scalenohedrons of calcite, vein 2 centimetre thick, 4% veining.
177.73	178.90	As above cut by up to 1% quartz calcite veining, streaky foliation at 80 degrees to core axis.
178.90	180.29	As above good dense welding, streaky

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411831	171.12	172.87	1.75		.002	.1	2	57	1
FX411832	172.87	174.10	1.23		.003	.2	3	67	1
FX411833	174.10	176.66	2.56		.002	.1	2	189	1
FX411834	176.66	175.90	-.76		.001	.1	2	55	1
FX411835	175.90	177.28	1.38		.002	.1	2	61	1
FX411836	177.28	177.73	.45		.013	.2	3	1562	1
FX411837	177.73	178.90	1.17		.002	.1	3	156	1
FX411838	178.90	180.29	1.39		.002	.1	2	126	1
FX411839	180.29	181.80	1.51		.001	.1	2	139	1
FX411840	181.80	182.38	.58		.002	.1	3	139	2
FX411841	182.38	182.73	.35		.008	.2	8	77	1
FX411842	182.73	183.03	.30		.001	.1	8	77	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		foliation developed with angle to core axis 80 degrees, 1% calcite veining.										
	180.29 181.80	As above.										
	181.80 182.38	As above cut by patchy calcite veining, 3%.										
	182.38 182.73	As above cut by quartz calcite pyrite specularite veining up to 1 centimetre thick with angle to core axis from 45 degree to 70 degree, 8% veining.										
	182.73 183.03	As above cut by 3% calcite veining.										
183.03 186.50	AGGLOMERATE											
	183.03 183.72	Transition zone at top of agglomerate, cut by 3% patchy calcite veining, relatively massive.	FX411843	183.03	183.72	.69		.001	.1	4	88	1
			FX411844	183.72	184.15	.43		.006	.2	4	44	2
			FX411845	184.15	185.32	1.17		.019	.3	22	54	1
	183.72 184.15	Abundant broken core, with some grinding of core pebbles, some quartz veining, 50% lost core.	FX411846	185.32	185.92	.60		.020	.3	22	41	2
			FX411847	185.92	186.50	.58		.042	.1	56	72	1
	184.15 185.32	Agglomerate polymictic with trachyte, quartz vein material, and tuff clasts in green to brown tuffaceous matrix, cut by 2% calcite, quartz veining.										
	185.32 185.92	As above, cut by 2% irregular quartz, calcite veining,.										
	185.92 186.50	Agglomerate with chips of material as in agglomerate above, maximum clasts size up to 1.5 centimetre, matrix with 3% pyrrhotite, cut by up to 1% calcite veining										
186.50 187.30	TUFF											
	Pale green felsic partly welded tuff, cut by 3% calcite		FX411848	186.50	187.30	.80		.005	.1	13	629	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		veining, locally patchy.										
187.30	190.60	AGGLOMERATE										
		187.30 187.92 Agglomerate with chip clasts up to 1.5 centimetre, matrix tuffaceous with ~20 % pyrrhotite, cut by up to 1% calcite veining.	FX411849	187.30	187.92	.62		.002	.3	8	49	2
			FX411850	187.92	188.58	.66		.003	.5	8	55	15
			FX411851	188.58	189.64	1.06		.008	.2	24	211	1
			FX411852	189.64	190.60	.96		.018	.2	26	174	9
		187.92 188.58 Agglomerate but coarse clasts, matrix with 20% pyrrhotite.										
		188.58 189.64 As above but different and polymictic with large clasts more than 15 centimetre of trachyte, and other volcanic types, cut by up to 1% calcite veining, clasts supported in distinction to agglomerate above which are matrix supported.										
		189.64 190.60 Agglomerate as above but matrix supported, minor gouge and shearing at lower contact, cut by up to 1% calcite veining.										
190.60	206.10	TUFF										
		Pale green felsic tuff with chloritic wisps.	FX411853	190.60	192.10	1.50		.004	.1	3	176	2
		190.60 192.10 Highly fractured with minor local chloritic shears.	FX411854	192.10	193.60	1.50		.004	.1	6	113	1
			FX411855	193.60	195.10	1.50		.005	.2	2	181	4
		192.10 193.60 As above with well developed chloritic shears and granulation, shears at 80 degrees to core axis.	FX411856	195.10	196.60	1.50		.003	.1	3	78	1
			FX411857	196.60	197.51	.91		.001	.1	5	90	1
			FX411858	197.51	198.35	.84		.001	.1	3	99	1
		193.60 195.10 As above with less shears and more breakage&formation of shear lens clasts.	FX411859	198.35	198.68	.33		.002	.1	6	176	1
			FX411860	198.68	200.18	1.50		.003	.1	3	93	1
		195.10 196.60 As above but more massive and cut by 1% patchy calcite veining.	FX411861	200.18	201.68	1.50		.006	.1	4	119	1
			FX411862	201.68	203.18	1.50		.002	.1	8	107	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	196.60 197.51	As above, relatively massive, up to 1% calcite veining.	FX411863	203.18	204.41	1.23		.002	.1	2	102	1
			FX411864	204.41	205.64	1.23		.003	.1	4	103	1
	197.51 198.35	As above but dark green gray colour, up to 1% calcite veining.	FX411865	205.64	206.10	.46		.001	.1	4	106	1
	198.35 198.68	As above cut by 6% calcite veining up to 1 centimetre thick with angle to core axis of 20 degrees, weak to moderate jasperoid alteration.										
	198.68 200.18	As above, relatively massive, replaced by moderate jasperoid alteration, red colour.										
	200.18 201.68	As above relatively massive, cut by 1% patchy calcite veining, buff colour and local weak jasperoid alteration.										
	201.68 203.18	As above cut by 1% calcite veining, buff to brown colour, relatively massive.										
	203.18 204.41	As above cut by 1% patchy calcite veining, green brown at upper contact changing to pale green at lower contact.										
	204.41 205.64	As above cut by 1% patchy calcite veining, medium green colour, with local weak jasperoid alteration.										
	205.64 206.10	Cut by 4 centimetre thick quartz calcite vein with jasperoid envelope, angle to core axis 90 degrees, 14% veining.										
206.10 207.80		AGGLOMERATE										
	206.10 206.38	Highly sheared, chloritic, cut by 1% calcite veining, clasts are lensy.	FX411866	206.10	206.38	.28		.003	.1	6	70	5
			FX411867	206.38	206.65	.27		.022	.3	17	49	1
	206.38 206.65	Agglomerate as above cut by 12% quartz calcite veining 1 centimetre thick, with angles to core axis of 80 and 30 degrees,	FX411868	206.65	207.80	1.15		.012	.1	20	42	2

**********DESCRIPTION**********

FROM m	TO m	
		gouge at lower contact.
	206.65 207.80	Agglomerate, weakly sheared, with clasts more than 10 centimetre, no silicification,
207.80 222.50		DIKE
		Porphyritic with 1 to 2 millimetre feldspar phenocrysts homogeneously distributed throughout , buff fine grained to aphanitic matrix, felsic composition.
	207.80 208.60	As above with 1 centimetre quartz -rich lenses near upper contact, cut by 1 centimetre calcite vein with angle to core axis of 30 degrees, minor fracturing and minor pink diffuse alteration, jasperoid ?, foliation weakly developed in dike with angle to core axis of 30 degrees
	208.60 209.59	Felsite dike as above with pink alteration and local cataclasis into shear lenses at 70 degrees to core axis, cut by up to 1% calcite veining.
	209.59 209.75	As above cut by 1 centimetre calcite vein with angle to core axis of 70 degrees, 6% calcite veining.
	209.75 210.57	As above with pink colouration, relatively massive.
	210.57 210.72	As above cut by 6 millimetre thick calcite vein with angle to core axis of 30 degrees, 3% veining.
	210.72 212.08	As above, relatively massive, with local difuse pink alteration.
	212.08 213.78	As above, relatively massive, abundant broken core in bottom half.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411869	207.80	208.60	.80		.002	.1	6	745	3
FX411870	208.60	209.59	.99		.002	.1	4	217	2
FX411871	209.59	209.75	.16		.003	.1	2	734	1
FX411872	209.75	210.57	.82		.002	.1	3	141	1
FX411873	210.57	210.72	.15		.002	.1	3	670	1
FX411874	210.72	212.08	1.36		.006	.1	2	93	3
FX411875	212.08	213.78	1.70		.002	.1	2	98	3
FX411876	213.78	215.28	1.50		.008	.2	4	161	7
FX411877	215.28	217.11	1.83		.005	.1	5	97	6
FX411878	217.11	217.32	.21		.012	.3	9	271	8
FX411879	217.32	218.24	.92		.013	.1	10	109	10
FX411880	218.24	219.66	1.42		.009	.1	8	87	6
FX411881	219.66	220.85	1.19		.011	.1	8	80	9
FX411882	220.85	222.50	1.65		.007	.1	6	102	4

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
213.78	215.28	As above cut by up to 1% calcite veining, pink colouration at upper contact but fading towards and disappears at lower contact.										
215.28	217.11	Buff dike as above, weak fracturing, up to 1% calcite veining.										
217.11	217.32	As above cut by 2 centimetre quartz pyrite vein breccia, 8% veining, chlorite along fractures.										
217.32	218.24	As above, locally highly fractured with hairline chloritic rock developed along fractures.										
218.24	219.66	As above with moderately developed fractures.										
219.66	220.85	As above with moderately developed cataclasis, chloritic fractures cut by 1% calcite veining.										
220.85	222.50	As above with less cataclasis END OF BOREHOLE 72474-0 AT 222.50 METRES.										

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 536.0 m	NTS SHEET #	: 82E-6W	STARTED	: 19 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -226.0 m	TOWNSHIP	:	COMPLETED	: 21 March,1989
BOREHOLE	: 72475-0	ELEVATION	: 1436.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: .0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -50.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 169.2 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None

LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
169.16	.0	-48.50									

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	4.27	CASING										
			NS	.00	4.27	4.27		n/a	n/a	n/a	n/a	n/a
4.27	68.04	TRACHYTE										
		Porphyritic trachyte, 20% feldspar phenocrysts from 3	FX411883	4.27	4.95	.68		.007	.1	2	45	1
		millimetre up to 8 millimetre, lesser mafic phenocrysts	FX411884	4.95	5.67	.72		.004	.2	2	39	2
		to 15%, altered to chlorite, feldspar phenocrysts weakly	FX411885	5.67	6.55	.88		.001	.1	2	33	1
		altered to clay.	FX411886	6.55	7.95	1.40		.005	.1	3	28	1
		4.27 4.95 Slightly oxidized, weak jasperoidal	FX411887	7.95	8.07	.12		.002	.1	3	36	1
		alteration, cut by 3% quartz, calcite veining.	FX411888	8.07	9.20	1.13		.003	.2	2	34	1
		4.95 5.67 As above, abundant broken core, calcareous,	FX411889	9.20	10.17	.97		.005	.2	7	36	1
		lost core.	FX411890	10.17	12.88	2.71		.019	.2	2	30	1
		5.67 6.55 Porphyritic trachyte as above, cut by 3%	FX411891	12.88	15.65	2.77		.004	.1	3	26	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		jasperoidal veinlets.	FX411892	15.65	18.44	2.79		.003	.1	2	33	1
6.55	7.95	As above cut by 1% calcite veining, minor	FX411893	18.44	20.88	2.44		.003	.2	3	30	2
		gouge and broken core at 6.58 metre, some lost	FX411894	20.88	22.86	1.98		.008	.3	9	22	2
		core.	FX411895	22.86	24.32	1.46		.007	.3	2	15	2
7.95	8.07	As above cut by calcite vein up to 6	FX411896	24.32	24.59	.27		.016	.8	4	20	3
		millimetre thick with angle to core axis of 60	FX411897	24.59	25.91	1.32		.009	.3	7	25	1
		degrees also a jasperoid vein with angle to	FX411898	25.91	26.78	.87		.103	3.7	8	28	5
		core axis of 30 degrees, 4% veining.	FX411899	26.78	27.12	.34		.008	.8	7	25	2
8.07	9.20	As above with some lost core, cut by 1% quartz	FX411900	27.12	27.57	.45		.007	.3	2	37	1
		calcite veining with minor jasperoid envelopes.	FX411901	27.57	29.52	1.95		.009	.1	4	35	1
9.20	10.17	Porphyritic trachyte as above cut by 1%	FX411902	29.52	31.20	1.68		.008	.2	2	52	1
		calcite veining.	FX411903	31.20	31.70	.50		.009	.2	6	37	2
10.17	12.98	Porphyritic trachyte as above cut by 1%	FX411904	31.70	33.53	1.83		.005	.1	6	82	2
		calcite veining and 1% jasperoid veining.	FX411905	33.53	35.97	2.44		.001	.1	8	178	1
12.98	15.65	As above with up to 1% jasperoid veining.	FX411906	35.97	38.38	2.41		.006	.1	3	65	2
15.65	18.44	As above, massive, cut by up to 1% calcite	FX411907	38.38	39.21	.83		1.100	3.5	4	35	1
		veining.	FX411908	39.21	41.61	2.40		.014	.2	4	61	1
18.44	20.88	As above cut by 1% calcite veining.	FX411909	41.61	43.85	2.24		.006	.1	5	71	1
20.88	22.86	As above cut by 2% calcite veining, minor	FX411910	43.85	44.40	.55		.008	.1	2	36	1
		crushing and fault breccia.	FX411911	44.40	46.40	2.00		.005	.2	2	69	1
22.86	24.32	As above but more massive, cut by up to 1%	FX411912	46.40	48.60	2.20		.004	.1	2	79	1
		quartz calcite veining.	FX411913	48.60	49.07	.47		.006	.1	6	69	2
24.32	24.57	As above cut by 1 centimetre thick quartz	FX411914	49.07	49.24	.17		.003	.3	10	40	1
		calcite vein with angle to core axis of 45	FX411915	49.24	50.59	1.35		.002	.2	2	63	2
		degrees, 3% veining.	FX411916	50.59	50.73	.14		.002	.2	8	57	7
24.57	25.91	Porphyritic trachyte as above cut by up to	FX411917	50.73	52.88	2.15		.001	.2	2	68	2
		1% quartz calcite veining with local	FX411918	52.88	54.56	1.68		.001	.1	2	43	1
		jasperoid envelope.	FX411919	54.56	54.79	.23		.003	.2	6	123	1
25.91	26.78	As above cut by 1 centimetre thick quartz,	FX411920	54.79	55.28	.49		.001	.1	7	76	2
		calcite pyrite veins saprolite to core axis,	FX411921	55.28	55.45	.17		.004	.1	3	90	2
		8% veining.	FX411922	55.45	57.61	2.16		.001	.2	8	58	2
26.78	27.17	As above, with up to 1% quartz calcite	FX411923	57.61	59.28	1.67		.002	.2	3	79	2

**********DESCRIPTION**********

FROM m	TO m	
		veining.
27.17	27.57	As above cut by quartz calcite veins up to 1 centimetre thick, with angles to core axis of 30 degrees and 45 degrees, 5% veining.
27.57	29.52	Porphyritic trachyte as above cut by 1% quartz calcite veining.
29.52	31.20	As above with 1% quartz calcite veining.
31.20	31.70	As above with 3% patchy calcite veining, and rock appears weakly crushed and broken.
31.70	33.53	Porphyritic trachyte as above cut by 1% quartz calcite veining, some broken core.
33.53	35.97	Porphyritic trachyte as above cut by up to 1% quartz calcite veining, relatively massive
35.97	38.38	As above.
38.38	39.21	As above cut by several quartz calcite veins, with local yellowish clay envelope, veins up to 1 centimetre thick, with angles to core axis of 20 degrees, 4% veining.
39.21	41.61	As above with abundant broken core, up to 1% veining.
41.61	43.85	As above, relatively massive, cut by up to 1% quartz calcite veins.
43.85	44.40	As above cut by 1 centimetre thick quartz calcite fluorite vein, with angle to core axis of 30 degrees, 3% veining.
44.40	46.40	As above, relatively massive, cut by up to 1% quartz calcite veining.
46.40	48.60	As above but abundant broken core, cut by 1% quartz calcite veining.
48.60	49.07	As above with abundant broken core and minor fault breccia near lower contact.
49.07	49.24	As above cut by 1 centimetre thick vein of

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411924	59.28	61.42	2.14		.003	.1	9	62	1
FX411925	61.42	63.20	1.78		.002	.1	7	72	1
FX411926	63.20	64.77	1.57		.004	.1	5	55	1
FX411927	64.77	66.73	1.96		.001	.1	5	54	1
FX411928	66.73	68.04	1.31		.003	.1	3	34	1

FROM m	TO m	DESCRIPTION
		quartz, calcite and pyrite with angle to core axis of 40 degrees, 5% veining.
49.24	50.59	As above but highly brecciated and locally broken into clasts with chloritic and rock flour matrix.
50.59	50.73	As above cut by 1 centimetre thick calcite vein with angle to core axis of 60 degrees, 6% veining.
50.73	52.88	As above with abundant broken core, cut by up to 1% quartz calcite veining.
52.88	54.56	As above with abundant broken core, cut by up to 1% quartz calcite veining.
54.56	54.79	As above cut by 1 centimetre thick quartz calcite vein with angle to core axis of 30 degrees, 4% veining.
54.79	55.28	Fractured porphyritic trachyte as above, cut by up to 1% quartz calcite veining.
55.28	55.45	Trachyte as above, locally intensely silicified.
55.45	57.61	As above, moderately fractured, cut by up to 1% quartz calcite veining.
57.61	59.28	Porphyritic trachyte as above, abundant broken core and in lower half much crushing brecciation of rock.
59.28	61.42	Trachyte as above with some flow breccia, broken core common, cut by 1% quartz calcite veining.
61.42	63.20	Trachyte as above with up to 1% quartz calcite veining, abundant broken core.
63.20	64.77	Porphyritic trachyte as above, broken core common, cut by up to 1% quartz calcite veining.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	64.77 66.73	Trachyte as above, relatively massive, cut by up to 1% quartz calcite veining.										
	66.73 68.04	As above, grading into flow breccia, brecciated near lower contact.										
68.04	69.04	FAULT										
	68.04 68.61	Trachyte cut by local fault breccia and gouge at upper contact.	FX411929	68.04	68.61	.57		.002	.1	8	30	1
			FX411930	68.61	69.04	.43		.025	.1	8	49	1
	68.61 69.04	Highly brecciated, crushed trachyte with some fault breccia with gouge and rock flour matrix.										
69.04	73.75	TRACHYTE										
		Porphyritic with 20% feldspar phenocrysts and 5 to 10% mafic phenocrysts, looks like flow breccia in places.	FX411931	69.04	70.10	1.06		.002	.3	3	41	1
			FX411932	70.10	71.63	1.53		.014	.2	2	41	1
	69.04 70.10	As above, highly fractured and locally weakly replaced by jasperoid, cut by 1 centimetre thick calcite fluorite vein, saprolite to core axis, 5% veining, local rock flour brecciated zone follows vein.	FX411933	71.63	72.80	1.17		.004	.1	2	38	1
			FX411934	72.80	73.16	.36		.030	.3	10	53	1
			FX411935	73.16	73.75	.59		.003	.1	8	99	1
	70.10 71.63	Porphyritic trachyte as above, with moderate replacement by jasperoid near lower contact, cut by up to 1% calcite veining.										
	71.63 72.80	Porphyritic trachyte as above cut by 1% calcite veining, local weak jasperoid alteration.										
	72.80 73.16	Weak to moderate jasperoid alteration of trachyte as above, cut by 1.5 centimetre thick quartz calcite vein, saprolite to 90 degrees to core axis, 6% veining.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		73.16 73.75 As above.										
73.75	74.05	FAULT Fault breccia with abundant gouge and rock flour matrix.	FX411936	73.75	74.05	.30		.012	.1	8	31	1
74.05	74.77	TRACHYTE Highly sheared and fractured and locally silicified trachyte, cut by 3% calcite veining.	FX411937	74.05	74.77	.72		.052	.2	8	206	1
74.77	75.38	FAULT Fault breccia with rock flour and gouge matrix.	FX411938	74.77	75.38	.61		.002	.1	6	438	1
75.38	77.36	TRACHYTE Porphyritic, trachyte, cut by 3% calcite and quartz veinlets up to 6 millimetres thick, some broken core.	FX411939	75.38	77.36	1.98		.003	.2	9	366	4
77.36	79.16	FAULT 77.36 79.05 Fault breccia with eliptical shear lens clasts in matrix of gouge rock flour, shear fabric at 45 degrees to core axis. 79.05 79.16 Fault cut by patchy calcite veins up to 1.5 centimetre thick, 8% veining.	FX411940 FX411941	77.36 79.05	79.05 79.16	1.69 .11		.001 .006	.3 .4	4 7	74 49	4 1
79.16	80.40	TRACHYTE Moderately sheared trachyte, cut by 1% calcite veining, some shear lensing simulates clasts.	FX411942	79.16	80.40	1.24		.004	.4	8	33	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
80.40	81.24	FAULT Fault breccia with gouge and rock flour matrix, shear lensing common.	FX411943	80.40	81.24	.84		.013	.5	71	27	3
81.24	82.81	TRACHYTE Trachyte shear lens with minor local chlorite and rock flour fractures, cut by 1% patchy calcite veining.	FX411944	81.24	82.81	1.57		.002	.4	7	35	1
82.81	83.41	FAULT Fault breccia with gouge and rock flour matrix, cut by up to 1% patchy calcite veining, includes a jasperoid clast 3 centimetre thick.	FX411945	82.81	83.41	.60		.033	.7	98	29	4
83.41	97.00	TRACHYTE										
		83.41 84.80 Moderately sheared trachyte with shear lensing common, cut by 1% patchy calcite veining.	FX411946	83.41	84.80	1.39		.017	.4	124	31	2
			FX411947	84.80	87.04	2.24		.004	.2	12	44	1
			FX411948	87.04	89.23	2.19		.001	.3	5	31	1
		84.80 87.04 Moderately sheared and crushed trachyte, cut by 2% patchy quartz calcite veining.	FX411949	89.23	91.33	2.10		.002	.1	10	28	1
			FX411950	91.33	93.35	2.02		.001	.2	7	32	1
		87.04 89.23 Trachyte as above cut by 1% quartz calcite veining, relatively more massive.	FX411951	93.35	94.47	1.12		.003	.3	8	32	2
			FX411952	94.47	94.90	.43		.008	.3	18	30	4
		89.23 91.32 Massive trachyte, cut by 1% quartz calcite veining.	FX411953	94.90	95.43	.53		.003	.2	12	31	1
			FX411954	95.43	95.67	.24		.009	.3	14	23	2
		91.32 93.35 Trachyte as above cut by 1% quartz calcite veining.	FX411955	95.67	97.00	1.33		.001	.1	2	20	1
		93.35 94.47 Trachyte as above cut by 1 centimetre thick fault breccia, shear fracture is at 10										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		degrees to core axis, cut by 1% quartz calcite veining.										
		94.47 94.90 As above cut by quartz calcite veins up to 2 centimetre thick, with angles to core axis of 60 degrees, 6% veining.										
		94.90 95.43 Trachyte as above cut by 1% quartz calcite veining, gouge and minor crushed rock at lower contact.										
		95.43 95.67 As above cut by 1.5 centimetre thick quartz calcite vein, with angle to core axis of 30 degrees, 4% veining.										
		95.67 97.00 Trachyte as above cut by 2% quartz calcite veining.										
97.00	97.71	TUFF										
		Pale green gray trachyte tuff, with clasts up to 1 centimetre thick, cut by 5% calcite quartz irregular veining, difficult to distinguish.	FX411956	97.00	97.71	.71		.002	.1	3	19	1
97.71	99.61	AGGLOMERATE										
		97.71 99.06 Trachyte agglomerate cut by 1% irregular patchy quartz calcite veining.	FX411957	97.71	99.06	1.35		.008	.1	10	18	1
			FX411958	99.06	99.61	.55		.023	.4	53	23	11
		99.06 99.61 Agglomerate with well defined rounded trachyte clasts, cut by 1% quartz calcite veining.										
99.61	99.82	QUARTZ VEIN										
		4 Centimetre thick quartz vein breccia with rounded vein material clasts in matrix of quartz and rock flour cuts	FX411959	99.61	99.82	.21		.280	1.9	146	11	227

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		agglomerate with angle of 15 degrees to core axis, 25% veining, 2% pyrite.										
99.82	102.02	LAPILLI TUFF Lapilli tuff is pale green, lapilli tuff is difficult to distinguish from agglomerate. 99.82 100.28 Chloritic and weakly brecciated lapilli tuff with some pink trachyte clasts jasperoidally altered and highly chloritic tuff matrix, minor clasts of vein material. 100.28 102.02 Lapilli tuff as above pink colouration at upper contact, well defined flattened pumice clasts towards lower contact that indicate this is a partly welded lapilli tuff, cut by 1% quartz calcite veining.	FX411960 FX411961	99.82 100.28	100.28 102.02	.46 1.74		.016 .003	.2 .2	22 7	11 27	19 8
102.02	106.40	TUFF Tuff is medium green, trachytic, with local pebbles, but generally 1 to 3 millimetre grain size. 102.02 104.02 Tuff as above with pebbles common at lower contact, cut by up to 1% quartz calcite veining. 104.02 105.16 Tuff as above, relatively massive, poorly defined layering. 105.16 106.40 Tuff as above, chloritic and brecciated at lower contact.	FX411962 FX411963 FX411964	102.02 104.02 105.16	104.02 105.16 106.40	2.00 1.14 1.24		.001 .003 .001	.1 .1 .1	8 4 7	28 24 37	2 4 1
106.40	113.98	AGGLOMERATE Pale to dark green, with trachyte clasts.	FX411965	106.40	107.94	1.54		.001	.1	4	40	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	106.40 107.94	Pale green agglomerate with minor interbedded tuff, tuff bed 1.5 centimetre thick at 45 degrees to core axis, agglomerate cut by up to 1% patchy calcite veining.	FX411966	107.94	110.94	3.00		.013	.4	18	17	14
			FX411967	110.94	111.13	.19		.001	.2	8	39	2
			FX411968	111.13	112.09	.96		.002	.1	11	25	1
			FX411969	112.09	113.98	1.89		.002	.1	3	22	1
	107.94 110.94	Agglomerate as above, cut by 1% patchy calcite veining, cut by local chloritic and pyritic shears.										
	110.94 111.13	Agglomerate cut by patchy calcite veining up to 1 centimetre thick, 5% veining.										
	111.13 112.09	Agglomerate as above cut by up to 1% calcite veining, streaky near lower contact										
	112.09 113.04	Agglomerate as above, locally streaky, cut by rhyolite dikelets saprolite to core axis and 30 degrees to core axis, up to 2 centimetre thick.										
	113.04 113.98	Agglomerate with local chloritic pumice clasts and porphyritic trachyte clasts, cut by up to 1% calcite veining.										
113.98 114.47		FAULT										
		Agglomerate is highly sheared into fault breccia with chloritic and pyritic matrix, 20% pyrite, cut by up to 1% patchy calcite veining.	FX411970	113.98	114.47	.49		.007	.3	10	72	7
114.47 119.78		TRACHYTE										
		Pale green, 1 millimetre feldspar phenocrysts with minor mafic phenocrysts in aphanitic matrix, in places looks tuffaceous.	FX411971	114.47	115.97	1.50		.012	.1	4	64	1
			FX411972	115.97	117.47	1.50		.010	.1	9	16	2
			FX411973	117.47	118.60	1.13		.003	.1	9	21	2
			FX411974	118.60	119.78	1.18		.001	.1	5	24	1
	114.47 115.97	Trachyte as above cut by 2% quartz calcite										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		pyrite veinlets.										
	115.97 117.47	Trachyte as above cut by 2% quartz calcite fluorite veinlets up to 1 centimetre thick, with angle to core axis of 45 degrees.										
	117.47 118.60	Trachyte as above cut by 1% quartz calcite veining, relatively massive.										
	118.60 119.78	Trachyte as above cut by up to 1% calcite veining, local crush features , gouge matrix, 10 centimetre fault breccia at lower contact.										
119.78 123.00		AGGLOMERATE										
		Typical agglomerate with porphyritic trachyte clasts in tuff matrix.	FX411975	119.78	121.03	1.25		.002	.3	6	16	18
	119.78 121.03	Agglomerate with pale green and some pink clasts in chloritic matrix, moderately sheared, cut by up to 1% calcite veining.	FX411976	121.03	122.19	1.16		.004	.2	7	57	1
	121.03 122.19	Agglomerate as above cut by 2% patchy calcite veining, weak pink colouration of clasts locally.	FX411977	122.19	122.55	.36		.007	.2	9	56	1
	122.19 122.55	Trachyte agglomerate as above cut by quartz calcite veining up to 3 centimetre thick, with angle to core axis of 50 degrees, pyrite abundant locally, 8% pyrite, local gouge forms envelope to bladed calcite vein.	FX411978	122.55	123.00	.45		.003	.3	11	70	1
	122.55 123.00	Agglomerate as above cut by 1 centimetre thick quartz calcite vein with angle to core axis of 65 degrees, 2% quartz calcite veining.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
123.00	123.28	FAULT										
		Agglomerate brecciated and highly sheared into fault breccia with chloritic, pyritic, and gouge matrix, quartz vein clasts common, shearing at 45 degrees to core axis.	FX411979	123.00	123.28	.28		.113	.9	34	21	7
123.28	140.75	AGGLOMERATE										
		Of matrix.	FX411980	123.28	124.81	1.53		.016	.4	19	27	2
		123.28 124.81 Agglomerate, moderately sheared, cut by 1% quartz calcite veining.	FX411981	124.81	126.19	1.38		.005	.4	11	21	2
			FX411982	126.19	126.74	.55		.007	.2	9	22	2
		124.81 126.19 Agglomerate as above with 3% pyrite, cut by 1% patchy calcite veining.	FX411983	126.74	127.15	.41		.015	.2	12	24	2
			FX411984	127.15	127.57	.42		.003	.3	9	32	2
		126.19 126.74 As above with local shearing and minor silicification, 5% disseminated pyrite, pyrite concentrated in zones of shearing, cut by up to 1% calcite veining.	FX411985	127.57	129.20	1.63		.004	.4	14	18	2
			FX411986	129.20	130.58	1.38		.032	.9	49	25	4
			FX411987	130.58	131.04	.46		.018	1.1	43	264	1
			FX411988	131.04	132.59	1.55		.005	.3	16	490	1
		126.74 127.15 As above cut by calcite veins from 1 to 3 centimetre thick, with angle to core axis of 45 degrees, 6% calcite veining, 7% pyrite, wall rock to vein is intensely silicified.	FX411989	132.59	133.39	.80		.011	.6	17	86	1
			FX411990	133.39	134.18	.79		.016	.9	72	17	1
			FX411991	134.18	134.60	.42		.076	1.2	331	29	3
			FX411992	134.60	135.64	1.04		.012	.8	55	17	1
			FX411993	135.64	135.75	.11		1.640	7.1	453	23	83
		127.15 127.57 Agglomerate as above with moderately silicified jasperoid altered clasts, cut by 1% quartz calcite veining, 5% disseminated pyrite.	FX411994	135.75	136.75	1.00		.029	1.0	117	18	2
			FX411995	136.75	138.26	1.51		.008	.2	19	53	1
			FX411996	138.26	138.88	.62		.005	.3	10	32	1
			FX411997	138.88	139.05	.17		.004	.2	7	39	1
		127.57 129.20 Agglomerate as above with 3% disseminated pyrite, cut by 1% patchy calcite veining, good clasts definition.	FX411998	139.05	140.75	1.70		.001	.2	4	164	1
		129.20 130.58 Agglomerate, with chloritic tuffaceous										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		matrix, locally sheared, 2% disseminated pyrite, cut by 1% patchy calcite veining.										
130.58	131.04	Agglomerate as above cut by 5% patchy calcite veining up to 1 centimetre thick, local minor fault breccia along shear fractures, 2% pyrite.										
131.04	132.59	Agglomerate as above, cut by 2% calcite irregular veining, dark green colour.										
132.59	133.39	Agglomerate as above but reddish purple colour with moderate jasperoid replacement of matrix, cut by 3% patchy calcite veining, abundant broken core and crushed rock at lower contact.										
133.39	134.18	Agglomerate as above cut by calcite veins, 1 to 3 centimetre thick, saprolite to core axis and at 45 degree angle to core axis, 10% calcite veining, up to 1% pyrite, shattered&broken at lower contact.										
134.18	134.60	Agglomerate, cut by 1% calcite veining, locally shattered, weak pink colouration accompanies intense jasperoidal alteration.										
134.60	135.64	Agglomerate with local intense jasperoid alteration cut by calcite veins up to 2 centimetre thick, saprolite to core axis, 10% calcite veining, 1% pyrite.										
135.64	135.76	Agglomerate as above cut by 1 centimetre thick quartz calcite pyrite vein, highly faulted, with angle to core axis of about 35 degrees, 4% veining.										
135.76	136.75	Agglomerate as above, locally shattered and broken, moderate jasperoid alteration.										
136.75	138.26	Agglomerate as above with moderate to										

FROM m	TO m	DESCRIPTION
		intensely jasperoid altered clasts, cut by 2% patchy calcite veining, gouge fault breccia and shearing at lower contact for 40 centimetre.
138.26	138.88	Agglomerate as above but green gray and less jasperoid, cut by 1% calcite veining.
138.88	139.05	Agglomerate cut by 4 centimetre thick calcite vein with angle to core axis of 40 degrees, 25% veining, up to 1% pyrite, wall rocks are moderately jasperoid silicified.
139.05	140.75	Trachyte as above, highly shattered and broken and cut by local shear fractures, brecciated with gouge matrix at lower contact.
140.75	150.55	TRACHYTE
		Porphyritic trachyte with feldspar and mafic phenocrysts.
140.75	141.20	Trachyte as above, gray green, cut by 1% quartz veining, up to 2 millimetre thick.
141.20	141.40	Trachyte cut by 2 calcite veins 1.5 and 2 centimetre thick, with angle to core axis of 40 degrees, 15% calcite veining, up to 1% pyrite.
141.40	143.00	Trachyte as above cut by 1% calcite veining, relatively massive.
143.00	143.32	Trachyte cut by 1.5 centimetre and 3 centimetre thick calcite veins with angle to core axis of 40 degrees, 20% calcite veining, up to 1% pyrite.
143.32	143.88	Trachyte as above cut by irregular quartz

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX411999	140.75	141.20	.45		.002	.3	8	23	1
FX412000	141.20	141.40	.20		.012	.7	9	22	1
FX412001	141.40	143.00	1.60		.006	.1	3	72	1
FX412002	143.00	143.32	.32		.001	.4	2	24	1
FX412003	143.32	143.88	.56		.008	.5	8	79	1
FX412004	143.88	144.29	.41		.006	.2	4	26	1
FX412005	144.29	145.19	.90		.042	.9	160	12	4
FX412006	145.19	146.19	1.00		.018	.7	115	25	1
FX412007	146.19	147.19	1.00		.016	.6	87	20	1
FX412008	147.19	148.19	1.00		.006	.5	6	22	1
FX412009	148.19	148.93	.74		.006	.3	4	243	1
FX412010	148.93	149.37	.44		.010	.5	10	25	2
FX412011	149.37	150.55	1.18		.003	.3	3	148	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		calcite veining with moderate local silicification of wall rock, 6% veining, up to 1% pyrite.										
143.88	144.29	Trachyte as above, looks agglomeratic, cut by up to 1% patchy calcite veining.										
144.29	145.19	Trachyte cut by 3 centimetre thick calcite vein with local dark green moderately silicified ribbons and with angle to core axis of 40 degrees, accompanied by irregular saprolite to core axis, quartz calcite veining with silicification of wall rocks, 20% veining, up to 1% pyrite {Comment - the discrete calcite veins appear to crosscut the earlier quartz veining with calcite}.										
145.19	146.19	Agglomeratic trachyte as above cut by quartz calcite vein up to 2 centimetre thick parallel to core axis, 10% veining, up to 1% pyrite, no silicification.										
146.19	147.19	Agglomeratic trachyte as above cut by 6% quartz calcite veining, with angle to core axis of 40 degrees common and veins from 1 to 2 centimetre thick.										
147.19	148.19	Trachyte cut by quartz calcite veins up to 1 centimetre thick, 4% quartz calcite veining.										
148.19	148.93	Agglomeratic trachyte cut by 4% quartz calcite veining, up to 6 millimetre thick, also cut by shear fractures with local fault breccia, both saprolite to core axis.										
148.93	149.37	As above cut by quartz calcite veins up to 2 centimetre thick, with angle to core										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		axis of 40 degrees, 10% veining, local silicification.										
	149.37 150.55	Agglomeratic trachyte, cut by 4% quartz calcite veining up to 2 centimetre thick.										
150.55 153.11		FAULT										
	150.55 151.13	Agglomeratic trachyte cut by shear fractures with fault breccia with chloritic rock flour and gouge matrix, cut by more than 3 centimetre thick disrupted quartz calcite vein saprolite to core axis, but parallel to shears, 20% veining.	FX412012	150.55	151.13	.58		.044	.7	91	41	5
			FX412013	151.13	152.11	.98		.013	.5	45	316	1
			FX412014	152.11	153.11	1.00		.014	.4	68	74	1
	151.13 152.11	As above cut by abundant fault breccia, much broken rock and crushing , cut by 3% patchy calcite veining.										
	152.11 153.11	As above, 3% patchy calcite veining.										
153.11 155.23		AGGLOMERATE										
		Moderately sheared agglomerate cut by 3% patchy calcite veins up to 1 centimetre thick, up to 1% pyrite.	FX412015	153.11	155.23	2.12		.017	.5	78	21	2
155.23 156.05		FAULT										
		In upper half abundant gouge and chloritic rock flour matrix to fault breccia, in lower half calcite vein chips, some pyritic matrix, weak jasperoidal alteration.	FX412016	155.23	156.05	.82		.004	.3	24	16	2
156.05 164.09		AGGLOMERATE										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
156.05	156.37	Agglomerate cut by 3 centimetre calcite vein with angle to core axis of 30 degrees, also cut by 10 centimetre thick calcite vein breccia at lower contact, local intense silicification of wall rocks, 60% calcite veining, up to 1% pyrite.	FX412017	156.05	156.37	.32		.009	.4	50	28	1
			FX412018	156.37	159.15	2.78		.011	.4	64	13	1
			FX412019	159.15	161.15	2.00		.001	.1	3	24	1
			FX412020	161.15	163.07	1.92		.002	.1	10	213	1
			FX412021	163.07	164.09	1.02		.002	.1	8	20	1
156.37	159.15	Agglomerate with moderate to intense jasperoid silicified clasts in upper half , but moderately sheared in lower half and at lower contact, crushed zone with fault breccia, cut by 2% patchy calcite veining.										
159.15	161.15	As above with local jasperoid alteration of clasts, local chloritic shears.										
161.15	163.07	Agglomerate chloritic cut by 1% calcite veining, locally sheared.										
163.07	164.09	Agglomerate as above, may even be agglomeratic trachyte cut by 2% quartz calcite veining, up to 1 centimetre thick, with angle to core axis of 45 degrees.										
164.09	164.50	QUARTZ VEIN More than 4 centimetre thick quartz vein with minor calcite saprolite to core axis, highly brecciated and overlain at upper contact by gouge, chloritic clasts in vein common, vein is brecciated itself, jasperoidal envelope 1 centimetre thick to vein, quartz is milky gray massive.	FX412022	164.09	164.50	.41		.039	.5	112	25	3

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
164.50	165.63	FAULT										
		Fault breccia with shear lens in chlorite, gouge, and rock flour matrix, cut by up to 1% patchy calcite veins.	FX412023	164.50	165.63	1.13		.003	.2	19	93	1
165.63	169.16	AGGLOMERATE										
		165.63 167.23 Agglomerate with moderate to intense shearing locally, abundant shear lensing only a gradational change from the fault above, cut by 1% calcite veining, local weak jasperoidal alteration.	FX412024	165.63	167.23	1.60		.002	.1	11	301	1
			FX412025	167.23	169.16	1.93		.005	.2	14	48	6
		167.23 169.16 As above with classic shear lensing locally, cut by 1 % calcite veining {Comment - the shearing in the last few intervals has been saprolite to the core axis or at an angle of about 30 degrees to it END OF BH 72475-0.										

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 536.0 m	NTS SHEET #	: 82E-6W	STARTED	: 21 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -226.0 m	TOWNSHIP	:	COMPLETED	: 25 March,1989
BOREHOLE	: 72476-A	ELEVATION	: 1436.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: .0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -90.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 297.8 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None
LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
182.87	.0	-90.00									

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	2.44	CASING										
			NS	.00	2.44	2.44		n/a	n/a	n/a	n/a	n/a
2.44	2.87	OVERBURDEN										
		Granitic and volcanic clasts, abundant ground up core and core pebbles.	FX412026	2.44	2.87	.43		.015	.1	3	48	1
2.87	71.00	TRACHYTE										
		Trachyte is feldspar porphyritic 20%, with minor 5% mafic phenocrysts now altered to chlorite feldspar phenocrysts are commonly 2 to 4 millimetre in size, mafic phenocrysts are 1 to 3 millimetre.	FX412027	2.87	4.71	1.84		.001	.1	8	25	1
			FX412028	4.71	6.16	1.45		.004	.1	4	37	1
			FX412029	6.16	7.18	1.02		.003	.1	7	40	1
			FX412030	7.18	7.32	.14		.003	.1	2	32	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
2.87	4.71	As above, agglomeratic, highly brecciated,	FX412031	7.32	8.25	.93		.003	.1	12	33	1
		abundant broken core, some ground up core,	FX412032	8.25	8.64	.39		.002	.1	5	28	1
		oxidized, cut by up to 1% calcite veining.	FX412033	8.64	9.52	.88		.004	.2	2	26	1
4.71	6.16	Relatively massive trachyte as above, moderate	FX412034	9.52	9.86	.34		.007	.2	7	33	1
		diffuse jasperoid alteration in upper half,	FX412035	9.86	11.00	1.14		.051	.4	44	31	13
		cut by up to 1% calcite veining.	FX412036	11.00	11.28	.28		.005	.1	4	60	1
6.16	7.18	Trachyte as above with some intense jasperoid	FX412037	11.28	11.70	.42		.004	.1	10	29	1
		alteration, broken core common, cut by up to	FX412038	11.70	13.18	1.48		.001	.1	2	39	1
		1% calcite veining.	FX412039	13.18	14.41	1.23		.001	.2	9	40	1
7.18	7.32	As above cut by quartz calcite vein, 1	FX412040	14.41	15.02	.61		.002	.1	3	26	1
		centimetre thick with angle to core axis of 35	FX412041	15.02	16.46	1.44		.002	.1	2	27	1
		degrees, 6% veining.	FX412042	16.46	18.22	1.76		.002	.1	5	33	1
7.32	8.25	Trachyte as above, abundant broken core, cut	FX412043	18.22	20.03	1.81		.003	.2	11	35	2
		by up to 1% calcite veining.	FX412044	20.03	21.95	1.92		.003	.1	9	20	1
8.25	8.64	As above, cut by quartz calcite veins with	FX412045	21.95	23.77	1.82		.002	.1	5	29	1
		jasperoid envelopes , with angle to core axis	FX412046	23.77	25.49	1.72		.002	.1	6	28	1
		of 50 degrees, 6% veining, veins up to 1	FX412047	25.49	27.49	2.00		.003	.1	8	23	1
		centimetre thick.	FX412048	27.49	29.49	2.00		.002	.1	10	36	1
8.64	9.52	Massive gray green trachyte as above, minor	FX412049	29.49	32.00	2.51		.001	.1	7	80	1
		jasperoid alteration along fractures, up to 1%	FX412050	32.00	33.99	1.99		.003	.1	7	48	1
		calcite veining, unoxidized.	FX412051	33.99	35.97	1.98		.004	.2	8	36	1
9.52	9.86	As above cut by calcite fluorite veining, with	FX412052	35.97	37.97	2.00		.006	.2	13	45	3
		angle to core axis of 15 degrees, 4% veining.	FX412053	37.97	40.00	2.03		.006	.1	10	43	1
9.86	11.00	Massive trachyte as above, cut by up to 1%	FX412054	40.00	42.06	2.06		.004	.2	8	53	2
		calcite veining.	FX412055	42.06	44.46	2.40		.006	.2	17	33	2
11.00	11.28	Trachyte as above cut by calcite fluorite	FX412056	44.46	44.65	.19		.009	.3	11	31	2
		veins up to 6 millimetre thick, with angles	FX412057	44.65	45.91	1.26		.002	.1	3	34	2
		to core axis 10 to 25 degrees, 12% veining.	FX412058	45.91	46.07	.16		.005	.1	4	31	2
11.28	11.70	Massive trachyte cut by 5 millimetre calcite	FX412059	46.07	48.13	2.06		.006	.1	4	45	1
		vein with jasperoid envelope, minor	FX412060	48.13	48.25	.12		.003	.1	5	28	1
		jasperoid along fractures, 1% veining.	FX412061	48.25	50.06	1.81		.007	.1	11	40	2
11.70	13.18	Massive feldspar porphyritic trachyte as	FX412062	50.06	50.26	.20		.007	.2	5	55	2

**********DESCRIPTION**********

FROM m	TO m	
		above, cut by up to 1% calcite veining.
13.18	14.41	Trachyte as above, cut by up to 1% calcite fluorite veining, agglomeratic near lower contact.
14.41	15.02	Massive trachyte as above, cut by up to 1% calcite veining, and 2% jasperoid veining up to 5 millimetre thick, saprolite to core axis.
15.02	16.46	Massive trachyte as above cut by up to 1% patchy calcite veining.
16.46	18.22	Massive trachyte as above, cut by up to 1% calcite veining, cut by 1% jasperoid veining up to 5 millimetre thick.
18.22	20.03	Trachyte as above, cut by 5 millimetre thick jasperoid veining, up to 1% calcite veining.
20.03	21.95	Massive trachyte as above, cut by up to 1% calcite fluorite veining up to 3 millimetre thick.
21.95	23.77	As above but cut by minor fault breccia at upper contact and at 22.70, broken core at lower contact, cut by up to 1% calcite veining.
23.77	25.49	As above cut by 1% calcite veining, commonly hairline thickness, trachyte is weakly fractured in lower half of interval.
25.49	27.49	Trachyte as above, moderately fractured with local shear fractures, quartz calcite veining up to 5 millimetre thick with angle to core axis of 30 degrees, 2% quartz calcite veining, some broken core.
27.49	29.49	Trachyte as above, moderately fractured, with abundant broken core at lower contact

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412063	50.26	52.26	2.00		.119	.5	16	30	1
FX412064	52.26	54.10	1.84		.029	.6	16	71	1
FX412065	54.10	55.10	1.00		.006	.5	4	30	2
FX412066	55.10	57.15	2.05		.006	.3	5	55	3
FX412067	57.15	58.96	1.81		.280	2.3	11	21	2
FX412068	58.96	59.39	.43		.095	1.8	24	24	2
FX412069	59.39	61.39	2.00		.054	1.5	13	25	2
FX412070	61.39	63.40	2.01		.098	.7	10	45	1
FX412071	63.40	65.40	2.00		.002	.1	6	22	1
FX412072	65.40	66.84	1.44		.003	.1	7	36	1
FX412073	66.84	68.02	1.18		.014	.1	7	27	1
FX412074	68.02	68.81	.79		.005	.1	7	19	1
FX412075	68.81	69.50	.69		.004	.2	3	30	2
FX412076	69.50	71.00	1.50		.005	.1	7	24	1

**********DESCRIPTION**********

FROM m	TO m	
		and some fault breccia.
29.49	32.00	As above but all broken core, and suspect much fracturing.
32.00	33.99	Trachyte as above, moderately fractured, cut by 1% calcite veining.
33.99	35.97	Trachyte as above, with some broken core, and a shear crush zone at lower contact from 35.70 to lower contact, cut by 1% calcite veining.
35.97	37.97	As above moderately fractured with some crush breccia at upper contact, and also at 37.64 {comment - crush zone at uppper contact is at angle to core axis of 45 degrees}.
37.97	40.00	Trachyte as above, weakly fractured, cut by 1% hairline to 5 millimetre calcite quartz veinlets.
40.00	42.06	As above with 1% quartz calcite veining up to 3 millimetre with jasperoid envelope locally.
42.06	44.46	Trachyte as above cut by up to 1% quartz calcite veining, relatively massive.
44.46	44.65	As above cut by patchy quartz calcite veins up to 2 centimetre thick, 6% veining.
44.65	45.91	Trachyte as above, cut by up to 1% calcite veining.
45.91	46.07	As above cut by 6 millimetre thick vein of quartz and calcite, with angle to core axis of 35 degrees, 5% veining.
46.07	48.13	Trachyte, agglomeratic, cut by up to 1% calcite veining.
48.13	48.25	Trachyte cut by patchy calcite vein 2

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM m	TO m	
		millimetre to 1 centimetre thick, vuggy, 8% calcite veining.
48.25	50.06	Relatively massive trachyte, cut by up to 1% calcite veining.
50.06	50.26	As above cut by 5 millimetre quartz calcite vein, with angle to core axis of 30 degrees, 5% veining.
50.26	52.26	Porphyritic trachyte, relatively massive, cut by 1% hairline to patchy quartz calcite veining.
52.26	54.10	Porphyritic trachyte as above, centre of interval is shattered and brecciated, cut by 1% quartz calcite veining.
54.10	55.10	Agglomeratic trachyte, cut by up to 1% quartz calcite veinlets up to 3 millimetre thick.
55.10	57.15	Trachyte, cut by up to 1% quartz calcite veining, relatively massive.
57.15	58.96	Porphyritic trachyte, massive, cut by up to 1% quartz calcite veining.
58.96	59.39	Trachyte as above cut by 5 millimetre saprolite to core axis vein of quartz, calcite, jasperoid and pyrite, 3% veining, up to 1% pyrite.
59.39	61.39	Agglomeratic trachyte, cut by up to 1% calcite veining, shear fractures and brecciation common from upper contact to 59.75, and also from 60.55 to 60.75, moderate to intense silicification near lower contact.
61.39	63.40	Trachyte, agglomeratic, cut by up to 1% calcite veining, bottom 50 centimetre is

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		tectonized into a crushed breccia.										
	63.40 65.40	Trachyte as above, less agglomeratic, local crush breccia, cut by 1% calcite veining.										
	65.40 66.84	Moderately fractured trachyte, dark green, some broken core, cut by up to 1% calcite veining, local crush breccia.										
	66.84 68.02	Trachyte, agglomeratic, cut by 1% calcite veining up to 6 millimetre thick.										
	68.02 68.81	Trachyte, agglomeratic, moderately fractured with local crush breccia, calcite veining interstitial to clasts, 3% calcite veining.										
	68.81 69.50	Trachyte as above, broken core common, agglomeratic, cut by up to 1% calcite veining										
	69.50 71.00	Porphyritic trachyte, cut by quartz calcite veining up to 6 millimetre thick, up to 1% veining.										
71.00	71.93	AGGLOMERATE										
		Rounded trachyte and similar volcanic clasts in tuffaceous matrix.	FX412077	71.00	71.75	.75		.005	.2	8	26	2
			FX412078	71.75	71.93	.18		.004	.1	8	35	1
	71.00 71.75	Agglomerate as above cut by up to 1% calcite veining, clasts up to 20 centimetre.										
	71.75 71.93	As above but brecciated and locally intensely silicified, cut by 3% patchy calcite veining.										
71.93	72.16	FAULT										
		Crush fault breccia with rock flour and gouge matrix, lower contact at 70 degrees to core axis, likewise upper contact at 70 degrees to core axis.	FX412079	71.93	72.16	.23		.034	1.1	317	23	62

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
72.16	80.50	TUFF										
		Medium green trachyte tuff, partly welded and commonly streaky with chloritic fiamme.	FX412080	72.16	74.16	2.00		.005	.1	7	26	2
			FX412081	74.16	76.16	2.00		.001	.2	12	28	1
		72.16 74.16 Tuff as above cut by up to 1% patchy calcite veining.	FX412082	76.16	78.04	1.88		.022	.4	47	17	5
			FX412083	78.04	79.25	1.21		.045	.8	121	21	80
		74.16 76.16 Tuff as above, cut by up to 1% patchy calcite veining.	FX412084	79.25	80.46	1.21		.008	.3	22	27	21
			FX412085	80.46	80.50	.04		.036	.4	37	30	23
		76.16 78.04 As above, with moderate shearing and some crush breccia, cut by 1% calcite veining.										
		78.04 79.25 Tuff as above, with 15 centimetre of fault breccia and gouge at upper contact, cut by 1 centimetre thick quartz calcite vein saprolite to core axis, 4% veining.										
		79.25 80.46 Tuff as above, upper half is relatively massive, lower half of interval is highly brecciated and chloritic.										
		80.46 80.50 Tuff as above, weak to moderate silicification, gouge at lower contact.										
80.50	80.74	QUARTZ VEIN										
		7 Centimetre thick quartz vein with minor calcite and 1% pyrite, angle of 30 degrees to core axis, 85% quartz veining.	FX412086	80.50	80.74	.24		.032	1.2	80	10	244
80.74	83.27	TUFF										
		{ comment - this looks similar to a partly welded tuff in bh 72475, lower contact is bottom of unit}.	FX412087	80.74	80.90	.16		.015	.5	99	24	50
			FX412088	80.90	81.37	.47		.002	.2	2	57	2
		80.74 80.90 Chloritic locally pyritized and brecciated	FX412089	81.37	81.49	.12		.007	.2	7	36	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		tuff, minor quartz vein material, 3% pyrite.	FX412090	81.49	82.29	.80		.005	.2	15	39	4
80.90	81.37	Tuff as above but clasts are coarser and up to 1 centimetre, partly welded, chloritic, cut by 1% patchy calcite.	FX412091	82.29	83.11	.82		.004	.2	10	111	2
			FX412092	83.11	83.27	.16		.029	.5	52	35	58
81.37	81.49	Tuff as above cut by quartz calcite and either rhyolite or silicified wall rock vein 1 centimetre thick, 70 degrees to core axis, 10% veining, this vein looks very similiar to one described in 72475 with rhyolite.										
81.49	82.29	Same partly welded tuff with clearly distinguishable dark green chloritic fiamme.										
82.29	83.11	Tuff as above, partly welded cut by gouge matrix fault breccia in lower half, cut by 1% calcite veining.										
83.11	83.27	Silicified tuff cut by 1 centimetre quartz pyrite vein at 60 degrees to core axis, some brecciated quartz vein material also, 30% quartz calcite veining.										
83.27	83.36	FAULT Fault with gouge and rock flour matrix breccia at upper contact and brecciated tuff at lower contact, cut by 1% calcite veining.	FX412093	83.27	83.36	.09		.009	.4	14	33	7
83.36	85.36	AGGLOMERATE Agglomerate moderately sheared, cut by 1% patchy calcite veining, 2% local lensy pyrite.	FX412094	83.36	85.36	2.00		.016	.4	48	20	3

**********DESCRIPTION**********

FROM m	TO m	
85.36	106.53	TUFF
	85.36 87.36	Trachyte tuff, locally agglomeratic, cut by 1% patchy calcite veining, 2% pervasively disseminated pyrite, local dusty fine grained clay alteration is homogeneously distributed, pyrite is also lensy.
	87.36 87.93	Tuff as above, cut by 1% patchy calcite veining.
	87.93 88.33	Tuff, cut by patchy quartz calcite veins up to 2 centimetre thick, 6% veining, local chloritic and gouge shear fractures and fault breccia, especially at lower contact.
	88.33 90.25	Tuff with dusty clay alteration, streaky foliation in places cut by 2% patchy calcite veining.
	90.25 91.42	Tuff as above cut by 11 centimetre thick feldspar porphyry dike at upper contact, interval cut by 2% quartz calcite veining up to 1 centimetre thick.
	91.43 91.64	Tuff as above, agglomeratic, weakly silicified, cut by quartz calcite veins up to 6 millimetre thick, 6% veining.
	91.64 93.79	Tuff, locally crush brecciated, cut by 1% quartz calcite veining, 1% pyrite.
	93.79 94.20	Crushed and brecciated tuff with gouge and rock flour along shear fractures, some shear lensing of clasts.
	94.20 94.43	Tuff, brecciated with clasts of quartz vein material and some patchy quartz veining up to 2 centimetre thick, local gouge along shear fractures, 15% veining.
	94.43 96.43	Tuff as above, fine grained with dusty clay

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412095	85.36	87.36	2.00		.005	.2	7	23	1
FX412096	87.36	87.98	.62		.010	.7	82	21	6
FX412097	87.98	88.33	.35		.026	1.0	159	20	14
FX412098	88.33	90.25	1.92		.005	.3	12	29	2
FX412099	90.25	91.43	1.18		.005	.3	5	28	2
FX412100	91.43	91.64	.21		.010	.3	11	28	2
FX412101	91.64	93.79	2.15		.025	.6	116	21	3
FX412102	93.79	94.20	.41		.071	.7	199	19	11
FX412103	94.20	94.43	.23		1.370	.9	142	15	21
FX412104	94.43	96.43	2.00		.025	.3	48	26	4
FX412105	96.43	98.43	2.00		.060	.5	50	49	3
FX412106	98.43	100.43	2.00		.018	.2	22	27	4
FX412107	100.43	100.58	.15		.066	.4	19	17	30
FX412108	100.58	102.66	2.08		.016	.2	16	34	5
FX412109	102.66	102.90	.24		.005	.1	2	36	1
FX412110	102.90	104.90	2.00		.002	.1	4	46	1
FX412111	104.90	106.53	1.63		.005	.1	2	34	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		alteration, locally agglomeratic, 2% calcite veining.										
	96.43 98.43	Tuff as above, relatively massive, cut by 2% quartz calcite veining up to 6 millimetre.										
	98.43 100.43	Tuff as above, locally agglomeratic, cut by 2% quartz calcite veining.										
	100.43 100.58	Tuff cut by patchy quartz calcite vein up to 1 centimetre thick, with angle to core axis of 30 degrees, 8% veining.										
	100.58 102.66	Tuff as above, locally agglomeratic, cut by 2% calcite veins, up to 6 millimetre thick.										
	102.66 102.90	As above cut by quartz calcite vein with chlorite envelope and moderate silicification of wall rock, vein is 5 millimetre thick with angle of 20 degrees to core axis, 5% veining.										
	102.90 104.90	Tuff as above, cut by up to 1% patchy calcite veining, streaky flow layering at 103.02 has angle of 60 degrees to core axis										
	104.90 106.53	Agglomeratic tuff, some broken core, locally fractured, cut by 1% calcite veining.										
106.53 120.47		DIKE										
		Pale creamy gray felsic dike, 2 millimetre feldspar phenocrysts, 20 to 35% feldspar phenocrysts massive.	FX412112	106.53	107.48	.95		.005	.1	2	28	1
			FX412113	107.48	107.61	.13		.003	.1	3	1066	1
	106.53 107.48	As above, but moderately fractured with pale green colour along fractures indicating minor chlorite.	FX412114	107.61	109.61	2.00		.003	.1	2	122	2
			FX412115	109.61	111.61	2.00		.003	.1	2	172	1
			FX412116	111.61	113.61	2.00		.004	.1	2	42	3
	107.48 107.61	Dike as above cut by 2 centimetre thick	FX412117	113.61	115.61	2.00		.002	.1	2	38	2

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		quartz calcite vein with angle to core axis of 90 degrees, 15% veining.	FX412118	115.61	117.61	2.00		.003	.1	2	28	4
			FX412119	117.61	119.61	2.00		.006	.1	2	43	17
107.61	109.61	Dike as above, aphanitic in upper half and becoming porphyritic in bottom half, cut by 1% calcite veining, up to 6 millimetre thick, and also cut by 1 centimetre thick calcite and rock flour breccia veinlets with angle of 30 degrees to core axis.	FX412120	119.61	120.47	.86		.003	.1	2	41	4
109.61	111.61	Dike as above, massive.										
111.61	113.61	Dike as above cut by up to 1% calcite veining.										
113.61	115.61	Dike as above, porphyritic, relatively massive, cut by 1% calcite veining.										
115.61	117.61	Dike as above, more crowded porphyritic up to 40% phenocrysts, relatively massive, pink coloration approaching lower contact.										
117.61	119.61	Dike as above, weakly fractured and healed with calcite veinlets, 1% calcite veining.										
119.61	120.47	Dike as above, porphyritic, with minor fracturing near lower contact and inclusion of wall rock.										
120.47	126.00	TRACHYTE										
		Medium green porphyritic trachyte, smeared in places, tuffaceous to agglomeratic, and commonly pyritized weakly.	FX412121	120.47	122.64	2.17		.016	.1	3	100	7
			FX412122	122.64	123.10	.46		.011	.1	2	131	1
			FX412123	123.10	123.58	.48		.021	.3	5	70	5
120.47	122.64	Trachyte as above, cut by 2% patchy calcite veining, shear fracture saprolite to core axis, and also at 35 degrees, 3% patchy or lensy and disseminated pyrite.	FX412124	123.58	124.18	.60		.023	.1	2	57	4
			FX412125	124.18	124.32	.14		.016	.3	5	53	2
			FX412126	124.32	124.97	.65		.017	.2	6	100	5
			FX412127	124.97	126.00	1.03		.018	.1	4	93	4
122.64	123.10	As above.										

**********DESCRIPTION**********

FROM m	TO m	
123.10	123.58	Tuff as above, cut by patchy quartz calcite veins, up to 2 centimetre thick, 6% veining, 20% pyrite.
123.58	124.18	Trachyte tuff as above cut by 3% calcite veining, up to 6 millimetre thick with angle to core axis of 35 degrees, 20% very fine grained disseminated pyrite.
124.18	124.32	Tuff as above cut by patchy calcite veins up to 2 centimetre thick, with angle to core axis of 40 degrees, 10% pyrite.
124.32	124.97	Tuff as above cut by 3% patchy calcite veining up to 1 centimetre thick, cut by gouge shear fracture 1 centimetre thick at 124.58, 15% very fine grained disseminated pyrite.
124.97	126.00	Trachyte tuff as above, may even be trachyte, cut by up to 1% calcite veining, 15% disseminated pyrite.
126.00	138.95	AGGLOMERATE
		Relatively large trachyte clasts from 1 centimetre to several tens of centimetre in variably tuffaceous matrix
126.00	127.80	Agglomerate as above, with some recognizable large trachyte clasts, cut by 1% patchy calcite veining, up to 1% pyrite
127.80	129.38	Agglomerate as above, smeared out, with abundant feldspar phenocrysts or grains 2 millimetre to 1 centimetre in size, variably replaced, pyritized chloritized matrix, pyrite is commonly lensy, 10% pyrite, 1% patchy calcite veining.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412128	126.00	127.80	1.80		.007	.1	2	91	6
FX412129	127.80	129.38	1.58		.018	.1	5	153	3
FX412130	129.38	129.93	.55		.024	.1	5	132	4
FX412131	129.93	130.19	.26		.015	.2	2	116	2
FX412132	130.19	130.45	.26		.018	.1	2	141	2
FX412133	130.45	132.47	2.02		.007	.1	5	71	4
FX412134	132.47	134.47	2.00		.017	.1	10	124	5
FX412135	134.47	136.55	2.08		.012	.1	17	125	10
FX412136	136.55	138.55	2.00		.022	.1	28	55	31
FX412137	138.55	138.95	.40		.029	.1	35	125	16

**********DESCRIPTION**********

FROM m	TO m	
129.38	129.93	Agglomerate as above, cut by 1% patchy calcite veining, 2% pyrite.
129.93	130.19	As above cut by calcite veins up to 3 centimetre thick, with angle to core axis of 30 to 40 degrees, 30% calcite veining, 2% pyrite.
130.19	130.45	Tuffaceous agglomerate with porphyritic trachyte clasts, as above, cut by up to 1% patchy calcite veining, 2% pyrite.
130.45	132.47	Agglomerate as above, dark gray green, 5% pyrite, crowded feldspar porphyry clasts common, cut by 1% patchy calcite veining.
132.47	134.47	As above, with more than 1% pyrite but very difficult to distinguish there might be more pyrite, cut by shear fractures with chloritic and gouge fault breccia saprolite to core axis, cut by 2% calcite veining.
134.47	136.55	Agglomerate as above, with conspicuously crowded porphyritic trachyte clasts, clast definition is poor, in fact rock looks like a multitude of feldspar grains and phenocrysts within a sea of chloritic and tuff matrix, cut by 1% patchy calcite veining, up to 1% pyrite.
136.55	138.55	As above cut by up to 1% calcite veining.
138.55	138.95	As above but paler in color as lower contact is approached, cut by 1% calcite veining.

138.95 151.79 DIKE

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		Creamy gray felsic feldspar porphyritic dike, phenocrysts commonly 1 to 2 millimetre, up to 30%.	FX412138	138.95	139.60	.65		.005	.1	5	75	2
		138.95 139.60 Upper contact is fairly sharp but with minor slip faulting along which calcite vein is emplaced, faulting saprolite to core axis, upper contact at 90 degrees to core axis, moderate fracturing of dike with fractures healed by quartz, local flow foliation ? indicated by alignment of lensy vermicular quartz feldspar clots.	FX412139	139.60	142.64	3.04		.004	.1	4	207	2
			FX412140	142.64	145.79	3.15		.013	.1	6	44	2
			FX412141	145.79	147.93	2.14		.003	.1	5	70	1
			FX412142	147.93	148.08	.15		.002	.1	7	1063	1
			FX412143	148.08	148.74	.66		.002	.1	2	728	1
			FX412144	148.74	151.34	2.60		.006	.2	3	720	1
			FX412145	151.34	151.79	.45		.016	.1	2	381	2
		139.60 142.64 Dike as above, porphyritic, cut by up to 1% calcite veining, trace green envelope alteration along fractures.										
		142.64 145.79 As above.										
		145.79 147.93 Dike as above, cut by up to 1% calcite veining.										
		147.93 148.08 Dike cut by patchy quartz calcite veining up to 1 centimetre thick, 20% veining.										
		148.08 148.74 Dike as above, cut by 3% calcite veining.										
		148.74 151.34 Dike as above, with abundant broken core in lower third of interval.										
		151.34 151.79 Dike as above.										
151.79	152.36	FAULT										
		Fault breccia at 20 degrees to core axis with dike matrix supported fault breccia, matrix made up of calcite and rock flour and gouge, dike 0.2 metre thick.	FX412146	151.79	152.36	.57		.003	.1	8	1773	1
152.36	164.73	DIKE										
		152.36 152.79 Medium grained feldspar porphyritic felsic	FX412147	152.36	152.79	.43		.003	.1	3	150	1

**********DESCRIPTION**********

FROM m	TO m	
		dike, as above.
152.79	155.76	Weakly fractured massive dike as above.
155.76	158.76	Dike as above, cut by 1% patchy calcite veining and 3 centimetre thick fault breccia at 157.64.
158.76	161.78	Massive dike as above, broken core locally, minor brecciation at 160.94.
161.78	164.73	Dike as above, with local crush brecciation and fracturing, from 163.18 to 163.40 gouge along fractures, also minor fracturing near lower contact saprolite to core axis, lower contact with country rock is at angle of 60 degrees to core axis.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412148	152.79	155.76	2.97		.003	.2	4	179	2
FX412149	155.76	158.76	3.00		.002	.1	4	487	1
FX412150	158.76	161.78	3.02		.003	.1	3	186	1
FX412151	161.78	164.73	2.95		.002	.1	5	355	5

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 536.0 m	NTS SHEET #	: 82E-6W	STARTED	: 21 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -226.0 m	TOWNSHIP	:	COMPLETED	: 25 March,1989
BOREHOLE	: 72476-B	ELEVATION	: 1436.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: .0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -90.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 297.8 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None

LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP

**********DESCRIPTION**********

FROM m	TO m	DESCRIPTION
164.73	193.92	AGGLOMERATE
		{Comment - upper contact at 171.40 appears like a wave of pyritic alteration}.
164.73	166.55	Agglomerate with porphyritic trachyte clasts up to several tens of centimetres across, in tuffaceous matrix, commonly clasts are difficult to discern , cut by 1% patchy calcite veining, 2% very fine grained pyrite.
166.55	167.03	Agglomerate as above cut by 2 centimetre thick calcite veining with angle to core axis of 40 degrees, 4% calcite veining.
167.03	167.74	Agglomerate as above, moderately sheared, jasperoid alteration of matrix common,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412152	164.73	166.55	1.82		.009	.2	5	118	8
FX412153	166.55	167.03	.48		.012	.1	5	98	9
FX412154	167.03	167.74	.71		.007	.1	5	79	9
FX412155	167.74	168.19	.45		.011	.1	9	147	2
FX412156	168.19	170.75	2.56		.015	.1	7	97	1
FX412157	170.75	171.40	.65		.007	.1	9	157	1
FX412158	171.40	173.51	2.11		.013	.1	9	71	9
FX412159	173.51	175.51	2.00		.019	.1	8	89	3
FX412160	175.51	175.94	.43		.026	.3	11	101	3
FX412161	175.94	177.94	2.00		.004	.2	10	168	3
FX412162	177.94	179.94	2.00		.005	.1	7	55	3
FX412163	179.94	181.94	2.00		.018	.1	9	86	4
FX412164	181.94	183.94	2.00		.013	.1	8	68	3

**********DESCRIPTION**********

FROM m	TO m	
		along with buff to yellow green alteration of clasts {prob ser}, clasts are commonly pyritized, 10% pyrite, shearing with angle of 50 degrees to core axis.
167.74	168.19	Agglomerate as above cut by calcite veins up to 1 centimetre thick with angle to core axis of 45 degrees, 8% veining, up to 2% pyrite.
168.19	170.75	Agglomerate as above with porphyritic trachyte clasts up to 70 centimetre across, 2% pyrite, cut by up to 1% patchy calcite veining.
170.75	171.40	Agglomerate as above, up to 2% pyrite, up to 1% calcite veining.
171.40	173.51	Agglomerate as above, cut by up to 1% calcite veining, matrix is pyritized and locally weakly silicified, more than 20% very fine grained pyrite.
173.51	175.51	Agglomerate as above, with pervasively disseminated pyrite, difficult to distinguish and in the order of 10 to 15%, {comment - this is probably the silicious pyrite breccia of previous workers}, cut by up to 1% patchy calcite veining.
175.51	175.94	As above cut by 1.5 centimetre lensy calcite vein, vuggy with crystals terminating in open space, 4% veining, 10% pyrite.
175.94	177.94	Agglomerate as above with pyritic matrix, 5 to 10 % pyrite, cut by zone of shear fractures with gouge locally near upper

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412165	183.94	185.94	2.00		.019	.2	11	49	2
FX412166	185.94	186.90	.96		.014	.1	9	50	3
FX412167	186.90	187.11	.21		.008	.1	10	38	2
FX412168	187.11	188.24	1.13		.018	.2	7	33	2
FX412169	188.24	188.37	.13		.025	.2	7	60	1
FX412170	188.37	190.37	2.00		.010	.1	3	81	2
FX412171	190.37	192.07	1.70		.011	.1	3	96	1
FX412172	192.07	192.28	.21		.009	.1	2	79	5
FX412173	192.28	193.92	1.64		.008	.1	7	89	2

FROM m	TO m	DESCRIPTION
		contact, fractures are saprolite to core axis to 10 degrees to core axis, cut by 1% patchy calcite veining.
177.94	179.94	As above with up to 1% patchy calcite veining, pyrite about 5%.
179.94	181.94	Agglomerate as above, up to 5% pyrite, very difficult to distinguish , cut by 2% patchy calcite veining.
181.94	183.94	As above cut by 1% patchy calcite veining, up to 5% pyrite, {comment - this portion of interval looks very homogeneous and trachytic but is probably still agglomerate}.
183.94	185.94	As above, cut by 2% calcite fluorite veining.
185.94	186.90	Agglomerate as above, cut by up to 1% calcite veining, up to 5% pyrite.
186.90	187.11	As above cut by patchy calcite vein up to 2 centimetre thick, saprolite to core axis, 10% calcite veining, 3% pyrite.
187.11	188.24	Agglomerate as above cut by several thin shear fractures with minor gouge, trace calcite veining, up to 5% pyrite.
188.24	188.37	As above cut by patchy calcite veining up to 1 centimetre thick, 10% calcite veining, 1% pyrite.
188.37	190.37	Agglomerate as above, cut by patchy calcite veining of 1%, 5% pyrite as lensy pervasive replacements.
190.37	192.07	Agglomerate as above, cut by 1% calcite veining, with 1 large 40 centimetre porphyritic trachyte clasts, up to 5%

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		pyrite.										
	192.07 192.28	As above cut by 1 centimetre thick vein of quartz with minor calcite, angle to core axis of 35 degrees, 8% veining, 2% pyrite.										
	192.28 193.92	Agglomerate as above, with 5 to 10% pyrite, cut by 2% patchy calcite veining. •										
193.92 194.96		TRACHYTE										
		Large massive porphyritic trachyte clasts with feldspar phenocrysts 35%, phenocrysts are 2 to 6 millimetre, trachyte is locally cut by shear fracture with minor shear lensing at 194.28, shear fracture is at 35 degree angle to core axis, cut by 4% calcite veining.	FX412174	193.92	194.96	1.04		.003	.1	6	603	1
194.96 210.18		AGGLOMERATE										
	194.96 196.96	Agglomerate as above with up to 5% pyrite in matrix, cut by up to 1% patchy calcite veining.	FX412175	194.96	196.96	2.00		.004	.1	4	84	1
			FX412176	196.96	198.96	2.00		.005	.1	6	185	1
			FX412177	198.96	200.96	2.00		.005	.1	9	124	1
	196.96 198.96	Agglomerate as above with up to 5% pyrite in matrix, large 30 centimetre porphyritic trachyte clasts, cut by up to 1% patchy calcite veining.	FX412178	200.96	202.96	2.00		.008	.1	7	56	3
			FX412179	202.96	205.00	2.04		.008	.2	7	123	2
			FX412180	205.00	205.50	.50		.020	.1	9	65	9
			FX412181	205.50	206.35	.85		.012	.1	7	95	6
	198.96 200.96	Agglomerate as above with local lensy pyrite replacement, up to 5% pyrite, cut by up to 1% patchy calcite veining.	FX412182	206.35	208.45	2.10		.011	.1	5	177	8
			FX412183	208.45	209.89	1.44		.009	.1	8	103	7
			FX412184	209.89	210.18	.29		.004	.2	8	53	4
	200.96 202.96	As above.										
	202.96 205.00	Agglomerate as above, cut by up to 1% patchy calcite veining, 2% disseminated pyrite.										
	205.00 205.50	As above up to 5% pyrite.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	205.50 206.35	Agglomerate as above cut by shear fracture infilled with fault breccia with gouge calcite and chlorite matrix, local patchy calcite veining, 2% pyrite, 3% calcite veining, up to more than 1 centimetre thick.										
	206.35 208.45	Agglomerate as above, cut by 1% calcite veining up to 1 centimetre thick with angle to core axis of 20 degrees, up to 1% pyrite.										
	208.45 209.89	Agglomerate as above, up to 2% pyrite, cut by 1% patchy calcite veining.										
	209.89 210.18	As above, but mixed in contact zone with dike, minor contact breccia, dike upper contact at 20 degree to core axis.										
210.18 213.34		DIKE										
		Green gray to buff felsic feldspar porphyritic, feldspar phenocrysts 1 to 2 millimetre, moderately fractured in places with hairline chlorite along fractures.	FX412185	210.18	211.64	1.46		.001	.1	4	300	5
			FX412186	211.64	213.34	1.70		.001	.1	2	206	2
	210.18 211.64	As above, with moderate fracturing at upper contact, cut by up to 1% patchy calcite veining.										
	211.64 213.34	As above, with local streaky pink feldspathic alteration, at lower contact, flow foliation with angle to core axis of 50 degrees.										
213.34 219.18		AGGLOMERATE										
		Typical agglomerate as above, dark green to gray colour,	FX412187	213.34	215.00	1.66		.003	.2	5	58	5

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		trachytic composition.	FX412188	215.00	215.56	.56		.008	.1	16	101	5
	213.34	215.00 Agglomerate, with variably silicified matrix, more than 10% disseminated pyrite, cut by up to 1% patchy calcite veining.	FX412189	215.56	216.17	.61		.004	.1	6	55	2
			FX412190	216.17	217.20	1.03		.005	.1	9	66	4
			FX412191	217.20	217.46	.26		.003	.1	7	614	1
	215.00	215.56 As above, cut by 6% calcite veining up to 1 centimetre thick, with angle to core axis of 20 degrees, 2% pyrite.	FX412192	217.46	219.18	1.72		.006	.1	10	207	5
	215.56	216.17 Agglomerate as above cut by up to 1% calcite veining, up to 2% pyrite.										
	216.17	217.20 Agglomerate as above, with pervasive pyritized portions, 20% pyrite, moderate minor shearing, rare blebby fluorite, cut by rare calcite veining.										
	217.20	217.46 As above cut by 5% fluorite veins, up to 6 millimetre thick, saprolite to core axis to 10 degrees to core axis, up to 10 % pyrite.										
	217.46	219.18 Agglomerate as above cut by up to 1% patchy calcite veining, 4 centimetre fault breccia and gouge at 218.85 with angle to core axis of 15 degrees, pervasive diffuse pyritization, 5% pyrite, rare blebby fluorite.										
219.18	231.04	TRACHYTE										
		Feldspar porphyritic, phenocrysts 2 to 4 millimetre, 15 to 30% phenocrysts.	FX412193	219.18	221.25	2.07		.002	.1	4	124	2
			FX412194	221.25	221.36	.11		.003	.1	5	227	2
	219.18	221.25 Trachyte as above, with up to 1% pyrite, cut by 1% patchy calcite veining, and cut by 1% quartz pyrite veining.	FX412195	221.36	223.00	1.64		.003	.1	3	126	2
			FX412196	223.00	223.62	.62		.003	.1	6	130	2
			FX412197	223.62	224.27	.65		.003	.1	5	62	2
	221.25	221.36 Trachyte cut by 8 millimetre thick calcite	FX412198	224.27	226.00	1.73		.002	.1	2	100	2

**********DESCRIPTION**********

FROM m	TO m	
		fluorite vein with angle to core axis of 45 degrees, 10% veining, up to 1% pyrite.
221.36	223.00	Trachyte as above cut by 2% patchy calcite with rare fluorite veining, up to 1% pyrite.
223.00	223.62	As above cut by 6% patchy calcite veining up to 1 centimetre thick.
223.62	224.27	As above cut by 4% patchy calcite veining, up to 1% pyrite.
224.27	226.00	Trachyte as above cut by 2% patchy calcite veining, up to 1% pyrite.
226.00	226.21	Trachyte cut by calcite fluorite veins up to 8 millimetre thick, with angle to core axis of 20 degrees, 6% veining.
226.21	227.39	Trachyte as above cut by 1% patchy calcite veining, broken core and core pebbles at lower contact.
227.39	227.56	Trachyte cut by 2 centimetre thick calcite vein with angle to core axis of 20 degree, vuggy, 8% veining, up to 1% pyrite.
227.56	228.54	Relatively massive trachyte as above, cut by up to 1% patchy quartz calcite veining.
228.54	228.91	Trachyte cut by calcite veins up to 1 centimetre thick with angle to core axis of 20 degrees, 5% veining.
228.91	231.04	Trachyte as above cut by 1% patchy calcite and fluorite veining, 2% pyrite, agglomeratic near lower contact and moderate sheared.

231.04 249.64 AGGLOMERATE

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412199	226.00	226.21	.21		.001	.1	7	65	1
FX412200	226.21	227.39	1.18		.001	.1	8	153	1
FX412201	227.39	227.56	.17		.005	.2	7	260	2
FX412202	227.56	228.54	.98		.007	.1	4	97	3
FX412203	228.54	228.91	.37		.003	.1	2	195	1
FX412204	228.91	231.04	2.13		.011	.3	2	140	2

**********DESCRIPTION**********

FROM m	TO m	
		Typical trachyte agglomerate, dark green to gray. Agglomerate, cut by 2% calcite and fluorite veining, locally pyritic, 10% pyrite. {comment - this prpc trct clas' maybe a 2 interval thick trct unit}.
231.04	233.04	Highly sheared at upper contact, shearing at 60 degrees to core axis.
233.04	234.49	Agglomerate as above, cut by 2% patchy calcite veining, 2% pyrite.
234.49	234.82	As above cut by calcite fluorite veining, up to 1 centimetre thick, saprolite to core axis, to 10 degrees to core axis, 10% veining, 2% pyrite.
234.82	235.84	As above, cut by up to 1% patchy calcite veining, 2% pyrite.
235.84	236.67	As above, cut by 4% patchy and vuggy calcite fluorite veining, sheared saprolite to core axis, locally pyritic, up to 5% pyrite.
236.67	236.93	As above but locally intensely silicified, 2% pyrite.
236.93	238.22	Agglomerate as above, locally intensely silicified, up to 5% pyrite, cut by up to 1% calcite veining.
238.22	238.99	Agglomerate as above, moderate brecciated, with pyritic matrix, cut by patchy quartz calcite veins, with some blebby vein clasts, 10% pyrite, 8% veining, this maybe a siliceous pyrite fault breccia.
238.99	239.50	Agglomerate as above, locally intensely silicified, cut by 6% patchy calcite fluorite veining up to 1 centimetre thick,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412205	231.04	233.04	2.00		.082	.5	10	47	10
FX412206	233.04	234.49	1.45		.053	.1	11	31	3
FX412207	234.49	234.82	.33		.045	.1	10	39	3
FX412208	234.82	235.84	1.02		.039	.1	13	38	4
FX412209	235.84	236.67	.83		.020	.1	13	32	2
FX412210	236.67	236.93	.26		.035	.3	8	48	9
FX412211	236.93	238.22	1.29		.025	.2	7	107	8
FX412212	238.22	238.99	.77		.020	.3	7	102	12
FX412213	238.99	239.50	.51		.003	.1	11	253	5
FX412214	239.50	240.18	.68		.002	.1	8	179	4
FX412215	240.18	240.70	.52		.002	.1	11	524	2
FX412216	240.70	241.39	.69		.002	.1	8	48	5
FX412217	241.39	241.71	.32		.001	.1	8	301	1
FX412218	241.71	243.71	2.00		.005	.1	21	88	4
FX412219	243.71	245.51	1.80		.008	.2	21	109	1
FX412220	245.51	245.89	.38		.006	.1	29	10	1
FX412221	245.89	246.28	.39		.087	.3	46	350	4
FX412222	246.28	246.66	.38		.011	.1	12	19	1
FX412223	246.66	246.82	.16		.013	.1	33	13	1
FX412224	246.82	248.27	1.45		.007	.1	8	160	1
FX412225	248.27	249.64	1.37		.003	.1	10	28	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		up to 2% pyrite.										
239.50	240.18	Relatively massive, porphyritic trachyte clasts ?, cut by up to 1% calcite veining, 1% pyrite.										
240.18	240.70	Porphyritic trachyte clasts as above, cut by patchy calcite fluorite veining up to 1 centimetre thick, with angle to core axis of 30 degrees, 9% veining, 1% pyrite, moderate silicification.										
240.70	241.39	Agglomerate as above, cut by up to 1% patchy calcite veining, moderate shearing at upper contact up to 1% pyrite.										
241.39	241.71	Agglomerate as above, with difuse pyrite replacement along shear fracture with angle to core axis of 20 degrees, 25% pyrite, cut by up to 1% calcite veining.										
241.71	243.71	Agglomerate as above, intensely sheared locally with minor gouge, cut by 2% patchy calcite veining, more than 2% pyrite.										
243.71	245.51	Agglomerate as above, moderately sheared, cut by 3% patchy calcite veining, local weak to intense jasperoid alteration, local shear fractures with gouge and minor fault breccia, especially at lower contact, pyrite up to 2%.										
245.51	245.89	Agglomerate as above, moderately sheared chloritic, fissile, cut by 1% patchy calcite veining, 1% pyrite.										
245.89	246.28	As above cut by more than 2 centimetre thick quartz vein breccia, vein consists of brecciated quartz vein material in chloritic matrix, and is saprolite to core										

FROM m	TO m	DESCRIPTION
		axis, 10% quartz veining.
246.28	246.66	As above, cut by 1% patchy calcite veining.
246.66	246.82	As above, cut by 3 centimetre thick gray quartz vein, with minor brecciation, 15% veining, quartz vein is patchy, 1% pyrite.
246.82	248.27	Agglomerate as above cut by 2% patchy calcite veining, moderately sheared, near lower contact, weak jasperoid alteration locally, up to 2% pyrite.
248.27	249.64	Agglomerate as above, recognizable clasts, cut by 1% patchy calcite blebs, chlorite rich matrix, intensely sheared at lower contact, 1% pyrite.
249.64	271.64	DIKE
		Gray to buff porphyritic felsic dike, with 10 to 25% 1 to 2 millimetre feldspar phenocrysts, calcite and hairline chlorite along fractures.
249.64	251.64	As above, highly fractured and cut by zones of fault breccia with rock flour and gouge matrix, cut by 1% patchy calcite veining, up to 1% pyrite, abundant broken core.
251.64	254.33	As above, cut by shear fractures with fault breccia and gouge in several places, cut by 1% patchy calcite veining, highly fractured in places, looks like a crushed rock.
254.33	257.16	Dike as above, with chlorite common along fractures, 1% calcite veining.
257.16	260.02	As above, few zones of crushing, with

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412226	249.64	251.64	2.00		.011	.2	2	22	7
FX412227	251.64	254.33	2.69		.033	.1	4	340	1
FX412228	254.33	257.16	2.83		.002	.1	5	39	1
FX412229	257.16	260.02	2.86		.003	.2	3	105	1
FX412230	260.02	262.90	2.88		.001	.1	2	293	1
FX412231	262.90	264.48	1.58		.002	.2	2	36	1
FX412232	264.48	265.00	.52		.001	.2	4	204	1
FX412233	265.00	268.00	3.00		.001	.2	3	28	1
FX412234	268.00	270.00	2.00		.002	.1	2	146	1
FX412235	270.00	271.10	1.10		.001	.1	2	193	1
FX412236	271.10	271.64	.54		.003	.1	4	577	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		breccia and gouge and rock flour matrix.										
	260.02 262.90	Dike as above with several crush zones.										
	262.90 264.48	Dike as above with several crush zones.										
	264.48 265.00	Dike as above cut by two crush zones, locally infilled with calcite veining, up to 2 centimetre thick, cut by 3% calcite veining.										
	265.00 268.00	Dike as above with several crush zones, pale green colouration with mottled pinky brown colour, shear lensing common, sericite well developed along some fractures.										
	268.00 270.00	As above, except more highly crushed, with shear fractures with gouge and calcite at 30 degrees to core axis, tan brown colour interrupted by mottling of pale green sericite colour.										
	270.00 271.10	As above but severely broken and crushed with conspicuous shear lensing, classic brittle deformation.										
	271.10 271.64	Dike as above but severely brecciated and crushed with shear lensing much rock flour and gouge matrix to breccia.										
271.64 271.93		MYLONITE										
	271.64 271.74	Medium to dark green banded chlorite rich mylonite, comment - this is probably classic chlorite micro breccia,} banding is at 80 degrees to core axis, with very fine grained size.	FX412237	271.64	271.74	.10		.006	.2	10	707	3
			FX412238	271.74	271.99	.25		.003	.2	6	948	1
	271.74 271.99	Siliceous mylonite, with conspicous										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		banding at 80 degrees to core axis, 15% possible quartz veining along foliation.										
271.99	274.79	CATACLASITE										
	271.99 274.55	Dark green to gray coarse grained blastomylonite with feldspar quartz lenticles aligned and biotite and hornblende, conspicuous epidote vein parallel foliation near upper contact but epidote veining is more random away from upper contact.	FX412239	271.99	274.55	2.56		.001	.1	5	38	1
			FX412240	274.55	274.79	.24		.002	.2	5	87	1
	274.55 274.79	Blastomylonite as above cut by quartz vein, 7 centimetre thick, severely brecciated with numerous slip planes, angle to core axis of lower contact is 30 degrees, whereas upper contact is 70 degrees, 30% quartz veining.										
274.79	276.00	AMPHIBOLITE										
		Dark green, medium grained foliated amphibolite cut by 3% epidote veining.	FX412241	274.79	276.00	1.21		.003	.2	13	310	1
276.00	284.90	CATACLASITE										
	276.00 277.41	As above.	FX412242	276.00	277.41	1.41		.003	.2	3	44	1
	277.41 278.24	Blastomylonite as above cut by several quartz veins, 2, 3, 2, and 11 centimetre thick, with angles to core axis of 30 degrees, 20% quartz veining, gray quartz veins have pink coarse grained K-feldspar	FX412243	277.41	278.24	.83		.002	.1	7	14	1
			FX412244	278.24	278.74	.50		.001	.2	9	23	1
			FX412245	278.74	279.81	1.07		.003	.2	6	13	1
			FX412246	279.81	280.78	.97		.004	.2	7	6	1
			FX412247	280.78	281.30	.52		.006	.1	4	18	1

**********DESCRIPTION**********

FROM m	TO m	
		envelopes, and entire interval is veined hairline epidote veinlets.
278.24	278.74	As above cut by 2 centimetre quartz vein, abundant hairline epidote veining, foliation of mylonite is at 10 degrees to core axis, I suspeot we are going to go through some isoclinal recumbent folding here, 4% quartz veining.
278.74	279.81	As above, cut by 4% hairline epidote veinlets, 2% quartz veinlets up to 1 centimetre.
279.81	280.78	As above cut by quartz veins up to 1 centimetre thick, 3% quartz veining, hairline to 3 millimetre epidote veinlets, clasts of k feldspar up to 4 centimetre thick, mylonite foliation at 10 degrees saprolite to core axis.
280.78	281.30	As above cut by 2% hairline epidote veinlets.
281.30	281.93	As above cut by quartz and rock flour veinlets up to 1 centimetre thick, hairline epidote veinlets nearby, veins with angles of 35 degrees to 45 degrees to core axis, 15% veining 281.93 283.84 blastomylonite with foliation at 20 degrees to core axis, cut by 1% quartz epidote veining.
283.84	284.58	Blastomylonite as above with foliation at angle to core axis of 45 degrees, cut by 2% quartz epidote veining.
284.58	284.74	As above, cut by 1.5 centimetre thick quartz vein, concordant with foliation

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412248	281.30	281.93	.63		.001	.2	5	12	1
FX412249	281.93	283.84	1.91		.001	.1	6	16	1
FX412250	283.84	284.58	.74		.003	.2	4	12	1
FX412251	284.58	284.74	.16		.001	.1	5	13	1
FX412252	284.74	284.90	.16		.002	.1	8	13	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		with angle to core axis of 70 degrees.										
	284.74 284.90	Highly brecciated blastomylonite cut by abundant veinlets of epidote and quartz, broken grains of quartz and feldspar common										
284.90 285.05		MYLONITE										
		Chloritic micro breccia ?, cut by epidote veinlets hairline to 2 millimetre thick.	FX412253	284.90	285.05	.15		.004	.1	12	23	1
285.05 290.95		CATACLASITE										
	285.05 286.00	Blastomylonite with pink feldspar quartz clasts alternating with biotite hornblende streaks, coarse grained, highly fractured and cut by numerous veinlets of epidote quartz, hairline to 6 millimetre thick, 10% veining, local brecciation accompanies quartz epidote veining.	FX412254	285.05	286.00	.95		.001	.1	4	9	1
			FX412255	286.00	288.00	2.00		.001	.1	4	15	1
			FX412256	288.00	290.00	2.00		.004	.1	3	9	1
			FX412257	290.00	290.95	.95		.001	.1	3	6	1
	286.00 288.00	Blastomylonite as above with angle to core axis of 45 degrees, cut by quartz epidote veining, hairline to 3 centimetre thick, 2% veining, pink feldspar -rich and silicified near lower contact.										
	288.00 290.00	Blastomylonite as above , 25 centimetre thick, inclusions of amphibolite cut by 3% quartz with minor epidote veining.										
	290.00 290.95	Blastomylonite as above cut by quartz epidote veins hairline to 1.5 centimetre thick, with angle to core axis of 50 degrees, 8% veining.										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
290.95	291.39	AMPHIBOLITE Medium grained, dark green to black, foliated cut by hairline to 2 millimetre epidote quartz veinlets, 3% epidote quartz veining.	FX412258	290.95	291.39	.44		.002	.1	9	22	1
291.39	297.79	CATACLASITE Bottom of hole 72476 at 297.79 me'. 291.39 293.39 Typical blastomylonite cut by several epidote quartz veinlets up to 1 centimetre thick, 2% veining Comment - epidote in veinlets is decreasing and quartz is increasing 293.39 295.39 blastomylonite as above cut by quartz k feldspar epidote veining, up to 1 centimetre thick, abundant broken core between 294.60 and 295.05, looks like broken core has had some minor calcite healed fault breccia cutting it ,. 295.39 297.79 Blastomylonite as above, abundant broken core, 2% quartz, k- feldspar epidote veining.	FX412259	291.39	293.39	2.00		.001	.1	2	13	1
			FX412260	293.39	295.39	2.00		.002	.1	8	11	1
			FX412261	295.39	297.79	2.40		.002	.1	3	21	1

**********INCO LIMITED**********
FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 300.0 m	NTS SHEET #	: 82E-6W	STARTED	: 25 March,1989
PROPERTY	: Gold Option	DEPARTURE	: -400.0 m	TOWNSHIP	:	COMPLETED	: 28 March,1989
BOREHOLE	: 72477-A	ELEVATION	: 1403.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: 135.0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -50.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 245.9 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None
LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
184.40	135.0	-50.00	245.35	135.0	-48.50						

FROM m	TO m	**********DESCRIPTION**********	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
								**********	ANALYSES	**********		
.00	9.14	CASING										
			FX000000	.00	9.14	9.14		n/a	n/a	n/a	n/a	n/a
9.14	14.09	LAPILLI TUFF										
		Medium grained feldspar porphyritic trachyte clasts in tuffaceous matrix, clasts are angular, range in size from several millimetre to several tens of centimetre.	FX412262	9.14	9.82	.68		.370	.1	5	449	1
			FX412263	9.82	11.82	2.00		.016	.1	6	648	1
			FX412264	11.82	13.29	1.47		.004	.1	4	597	1
			FX412265	13.29	14.09	.80		.006	.1	11	1176	1
		9.14 9.82 Lapilli tuff as above, cut by 4% patchy interstitial quartz and calcite, quartz is and chalcedonic and locally with blue agate like quartz at vein border, some broken core.										
		9.82 11.82 As above with abundant broken core from upper contact to 10.82, cut by 1% patchy										

FROM (m)	TO (m)	DESCRIPTION	SAMPLE#	FROM (m)	TO (m)	LENGTH (m)	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		interstitial calcite quartz veining.										
	11.82 13.29	As above, with abundant broken core, 5 centimetre gouge at 13.05 to 13.10, cut by 1% patchy interstitial quartz calcite veining.										
	13.29 14.09	As above, with abundant broken core, cut by up to 1% patchy quartz calcite veining, gouge locally at 13.47.										
14.09	19.81	AGGLOMERATE										
		Rounded feldspar porphyritic trachyte clasts in tuffaceous matrix, clasts size from several millimetre to several tens of centimetre, similar to lapilli tuff above.	FX412266	14.09	16.00	1.91		.002	.1	3	367	1
			FX412267	16.00	16.16	.16		.008	.1	9	1399	1
			FX412268	16.16	18.29	2.13		.003	.1	12	312	1
			FX412269	18.29	19.81	1.52		.004	.2	11	151	1
	14.09 16.00	Agglomerate as above, dark gray clasts in maroon matrix, cut by up to 1% patchy calcite veining, abundant broken core.										
	16.00 16.16	Agglomerate as above, cut by 1 centimetre thick calcite vein, 5% veining.										
	16.16 18.29	Agglomerate as above, maroon, abundant broken core, and very friable and broken into sand at lower contact.										
	18.29 19.81	Agglomerate as above, abundant broken core, some reduced to sand.										
19.81	25.30	FAULT										
	19.81 21.64	Fault breccia as above, with abundant chlorite, gouge, and rock flour matrix, clasts are matrix supported.	FX412270	19.81	21.64	1.83		.005	.1	5	263	1
			FX412271	21.64	23.62	1.98		.001	.1	9	62	1
			FX412272	23.62	25.30	1.68		.001	1.2	10	407	1
	21.64 23.62	Fault breccia as above, with several 20 to										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		40 centimetre competent shear lens clasts of agglomerate within an overall matrix of fault breccia, supported by matrix of gouge, clay and rock flour.										
		23.62 25.30 Fault breccia as above, but mainly all broken core and gouge material.										
25.30	30.02	TRACHYTE										
		25.30 27.30 Feldspar porphyritic trachyte, oxidized with red colour, locally agglomeratic, cut by up to 1% patchy calcite veining.	FX412273	25.30	27.30	2.00		.001	.1	8	143	1
			FX412274	27.30	28.65	1.35		.001	.1	10	52	2
			FX412275	28.65	29.30	.65		.001	.1	7	46	1
		27.30 28.65 Trachyte as above, relatively massive, with diffuse weak jasperoidal to hematite replacement, cut by up to 1% calcite veining.	FX412276	29.30	30.02	.72		.001	.1	4	49	1
		28.65 29.30 Trachyte as above, with very little red alteration, medium green gray colour, cut by 2% patchy calcite veining.										
		29.30 30.02 As above, with minor red alteration, cut by 1% patchy calcite veining.										
30.02	37.51	TUFF										
		30.02 30.98 Trachyte tuff, with several millimetre to 1 centimetre size clasts, cut by 1% calcite veining, locally agglomeratic.	FX412277	30.02	30.98	.96		.002	.1	7	149	1
			FX412278	30.98	31.16	.18		.001	.1	10	38	1
			FX412279	31.16	32.27	1.11		.001	.1	8	48	1
		30.98 31.16 As above cut by quartz and rock flour veining, patchy with no obvious attitude, up to 3 centimetre thick, 15% veining.	FX412280	32.27	32.62	.35		.006	.1	5	27	1
			FX412281	32.62	33.78	1.16		.004	.1	2	48	1
			FX412282	33.78	34.16	.38		.008	.1	13	36	1
		31.16 32.27 Tuff as above, with local red jasperoid alteration, cut by 2% patchy calcite veining, local gouge at 32.00.	FX412283	34.16	35.48	1.32		.006	.1	8	78	1
			FX412284	35.48	35.80	.32		.001	.1	3	43	1
			FX412285	35.80	36.55	.75		.001	.1	10	50	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	32.27 32.62	Trachyte tuff as above, cut by 8% patchy quartz calcite veining up to 2 centimetre thick, 6% veining.	FX412286	36.55	36.97	.42		.001	.1	6	43	1
			FX412287	36.97	37.51	.54		.001	.1	7	68	1
	32.62 33.78	Tuff as above, cut by 2% patchy calcite veining.										
	33.78 34.16	Tuff as above cut by patchy quartz calcite veining, up to 2 centimetre thick, 5% veining, chloritic and locally brecciated at lower contact.										
	34.16 35.48	Tuff as above, cut by 2% patchy calcite veining, agglomeratic at lower contact.										
	35.48 35.80	Tuff as above cut by quartz calcite veins up to 1 centimetre thick, with angle to core axis of 40 degrees, and also saprolite to core axis, 8% veining.										
	35.80 36.55	Tuff as above, relatively massive, cut by 1% patchy calcite veining.										
	36.55 36.97	Tuff as above cut by 6% quartz calcite veining, up to 1 centimetre thick, with angle to core axis of 15 degrees, crudely laminated.										
	36.97 37.51	Tuff as above cut by 6% quartz calcite veining, crudely laminated, up to 1 centimetre thick, saprolite to core axis.										
37.51	38.57	QUARTZ VEIN										
	37.51 38.40	Trachyte tuff cut by more than 3 centimetre thick crudely laminated, locally mammary , quartz calcite vein, 40% veining, saprolite to core axis, broken core and core pebbles common at 38.10, 30% lost core,.	FX412288	37.51	38.40	.89		.001	.1	5	184	1
			FX412289	38.40	38.57	.17		.002	.2	7	43	1

FROM m	TO m	DESCRIPTION
	38.40 38.57	Pale green laminated wall rock, fine grained, calcareous, resembles rhyolite next to quartz veins found in previous holes.
38.57	54.00	TUFF
		Typical trachyte tuff, locally agglomeratic, feldspar phenocrysts common.
	38.57 40.00	Trachyte tuff as above, cut by 2% patchy calcite veining.
	40.00 41.25	Trachyte tuff as above, cut by patchy calcite veins up to 6 millimetre thick, 2% calcite veining, chloritic with some brecciation at lower contact.
	41.25 43.15	Tuff as above, within a shear zone consisting of several gouge fault breccia shear fractures enclosing more massive shear lens several centimetre to several tens of centimetre thick, chloritic.
	43.15 45.15	Tuff as above in zone of shearing with shear lenss common, locally agglomeratic, cut by 2% patchy calcite veining.
	45.15 47.24	Tuff as above, cut by 4% patchy calcite with minor quartz veining up to 1 centimetre thick, near lower contact weak pervasive hematite alteration.
	47.24 49.25	As above, locally agglomeratic, either fault breccia or sheared agglomerate at upper contact.
	49.25 51.25	Agglomerate locally sheared with chlorite gouge and rock flour fault breccia, cut by 1% patchy quartz calcite veining,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412290	38.57	40.00	1.43		.001	.2	7	47	1
FX412291	40.00	41.25	1.25		.003	.1	3	68	1
FX412292	41.25	43.15	1.90		.001	.1	8	42	1
FX412293	43.15	45.15	2.00		.005	.1	8	46	1
FX412294	45.15	47.24	2.09		.003	.1	5	39	1
FX412295	47.24	49.25	2.01		.005	.2	9	59	1
FX412296	49.25	51.25	2.00		.001	.1	10	43	1
FX412297	51.25	53.25	2.00		.017	.1	14	31	1
FX412298	53.25	54.00	.75		.041	.1	3	32	1

FROM m	TO m	DESCRIPTION
		agglomerate is smeared out.
	51.25 53.25	Agglomerate as above, with minor erratic hematite alteration, cut by 1% patchy calcite veining, chloritic at upper contact with fault breccia.
	53.25 54.00	Agglomerate, strongly hematitic, fissile and highly sheared at lower contact, and moderately sheared throughout, cut by up to 1% patchy calcite veining.
54.00	60.77	FAULT
		Shear zone with lenses of competent agglomerate up to several tens of centimetre thick, separated by zones of fault breccia.
	54.00 54.56	Agglomerate with hematitic gouge at upper contact, abundant broken core, some quartz vein breccia, some lost core, more than 2% veining.
	54.56 55.70	As above with much broken core, local chloritic gouge and rock flour matrix fault breccia with locally silicified shear lenss of agglomerate, cut by 1% patchy calcite veining.
	55.70 56.10	Mainly fault breccia with abundant gouge, local silicification, cut by 2% patchy calcite veining, chloritic.
	56.10 56.51	Relatively competent shear lens of agglomerate, intensely silicified, cut by up to 1% patchy calcite veining.
	56.51 58.57	Shear zone as above, with 3 shear lenses each about 30 centimetre thick, flanked by

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412299	54.00	54.56	.56		.016	.1	4	26	1
FX412300	54.56	55.70	1.14		.023	.1	10	146	1
FX412301	55.70	56.10	.40		.001	.1	7	111	1
FX412302	56.10	56.51	.41		.001	.2	8	34	1
FX412303	56.51	58.57	2.06		.016	.1	33	63	1
FX412304	58.57	60.03	1.46		.058	.1	307	200	1
FX412305	60.03	60.45	.42		.049	.1	467	153	1
FX412306	60.45	60.77	.32		.067	.1	237	190	1

**********DESCRIPTION**********

FROM m	TO m	
		matrix supported chloritic and rock flour and gouge fault breccia, cut by up to 1% patchy calcite veining.
58.57	60.03	Agglomerate, highly altered to clay and sericite and local jasperoid, is highly fractured and locally weakly silicified.
60.03	60.45	As above but intensely brecciated and locally healed by calcite, this is a crush breccia.
60.45	60.77	As above, this is the end of this fault zone, some brecciated calcite veining with local hematitic envelopes, fault zone lower contact is at 30 degrees to core axis, 60.77 63.25 agglomerate, with clasts difficult to distinguish, highly altered with feldspar phenocrysts gone to clay and sericite, locally cut by rare patchy calcite veining.
.00	10.00	CALCITE
60.77	79.22	AGGLOMERATE
		Comment rock is felsic looking with no remenant of feldspar phenocrysts and it is starting to look like the felsic ashflow with partly welded fiamme.
63.25	65.92	As above, conspicuously broken and battered, with bedding contact saprolite to core axis, cut by 1% quartz calcite patchy veining
65.92	67.00	As above cut by quartz veining with minor calcite up to 1 centimetre thick, with

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412307	60.77	63.25	2.48		.024	.1	233	83	1
FX412308	63.25	65.92	2.67		.032	.1	410	68	1
FX412309	65.92	67.00	1.08		.054	.2	226	159	2
FX412310	67.00	70.03	3.03		.259	.1	321	157	1
FX412311	70.03	70.87	.84		.010	.1	3	26	2
FX412312	70.87	72.46	1.59		.005	.1	132	30	1
FX412313	72.46	72.87	.41		.012	.1	9	28	1
FX412314	72.87	74.46	1.59		.047	.2	494	28	1

**********DESCRIPTION**********

FROM m	TO m	
		angles to core axis of 20 degrees to saprolite, 5% quartz veining.
67.00	70.03	Agglomerate as above, severely brecciated, locally granulated, chlorite common along fractures, cut by 1% calcite veining up to 5 millimetre thick.
70.03	70.87	As above cut by 7% patchy calcite veining up to 1 centimetre thick.
70.87	72.46	As above, but relatively more massive, brecciated at upper contact and lower contact, cut by 1% patchy quartz calcite veining.
72.46	72.87	As above cut by 6% patchy calcite veining.
72.87	74.46	As above, cut by 1% white quartz and calcite veining, and 2% green interstitial patchy quartz veining, rock is highly broken and green quartz locally forms matrix to this brecciated rock,.
74.46	75.10	As above with quartz veining saprolite to core axis, patchy white and pale green quartz, 5% veining, abundant broken core.
75.10	75.87	As above, with up to 1% patchy calcite veining, some broken core, rock is shattered still felsic.
75.87	76.14	As above, cut by 1 centimetre thick quartz calcite vein, with angle to core axis of 40 degrees, 6% veining.
76.14	76.58	As above, cut by trace calcite veining, cut by 2% pale green patchy quartz veining.
76.58	77.10	As above cut by crudely banded quartz calcite veins, up to 3 centimetre thick with angle to core axis of 15 degrees, 14%

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412315	74.46	75.10	.64		.080	.5	387	25	3
FX412316	75.10	75.87	.77		.024	.7	369	24	1
FX412317	75.87	76.14	.27		.040	.5	390	20	3
FX412318	76.14	76.58	.44		.014	.3	46	20	1
FX412319	76.58	77.10	.52		.102	.4	223	66	3
FX412320	77.10	77.73	.63		.022	.1	175	24	1
FX412321	77.73	77.95	.22		.038	.1	513	25	2
FX412322	77.95	79.22	1.27		.034	.3	400	25	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		veining.										
	77.10 77.73	As above, felsic, pink altered, brecciated, with 1% dark interstitial green quartz interstitial.										
	77.73 77.95	As above cut by patchy dark green to gray quartz vein up to 3 centimetre thick, rock severely brecciated, 8% quartz veining.										
	77.95 79.22	Agglomerate as above, highly fractured, 2% patchy calcite quartz veining, including dark green quartz.										
79.22	79.97	QUARTZ VEIN										
		Agglomerate cut by more than 4 centimetre thick gray quartz vein, saprolite to core axis, crude banding , 1% pyrite, 75% veining, abundant broken core and core pebbles at upper contact, 25 centimetre of lost core ?, vein is brecciated at lower contact, wallrock is locally intensely silicified.	FX412323	79.22	79.97	.75		.269	2.2	153	7	8
79.97	114.30	AGGLOMERATE										
		Banded.	FX412324	79.97	80.41	.44		.619	6.5	374	18	42
	79.97 80.41	Agglomerate cut by quartz calcite vein,	FX412325	80.41	81.00	.59		.160	4.4	299	19	10
		saprolite to core axis to 10 degrees to core	FX412326	81.00	82.91	1.91		.258	7.6	527	21	44
		axis, up to 1 centimetre thick, 2% pyrite,	FX412327	82.91	84.91	2.00		.225	5.1	453	25	21
		8% veining.	FX412328	84.91	85.64	.73		.179	5.3	296	21	10
	80.41 81.00	Agglomerate as above, recognizable clasts,	FX412329	85.64	86.34	.70		.245	6.7	395	16	56
		weakly sheared.	FX412330	86.34	88.34	2.00		.301	5.1	446	18	45
	81.00 82.91	Agglomerate as above, with lensy to patchy	FX412331	88.34	89.71	1.37		.117	2.7	345	19	24
		pyrite quartz replacement, interstitial	FX412332	89.71	90.28	.57		.074	2.0	290	27	8
		along fractures, 5% pyrite, brecciated with	FX412333	90.28	91.13	.85		.149	3.8	366	29	17

**********DESCRIPTION**********

FROM m	TO m	
		gouge at lower contact, cut by rare patchy calcite veining.
82.91	84.91	Agglomerate weakly sheared, with some cataclasite shear lensing, 2% pyrite, up to 1% patchy calcite veining.
84.91	85.64	Agglomerate as above, with 4% interstitial green quartz and pyrite.
85.64	86.34	Agglomerate as above, same degree of crushed and broken rock, highly fractured, cut by 1 centimetre thick quartz pyrite vein, saprolite to core axis Comment the green quartz is related to this type of quartz pyrite veining. There seems to be a change from border to the core of vein of black quartz to pyrite to gray quartz to green quartz in the core, 5% veining.
86.34	88.34	Agglomerate as above, 3% quartz pyrite interstitial and fracture veining, clasts are recognizable.
88.34	89.71	Agglomerate as above, with 4% quartz pyrite interstitial veining, moderately sheared and brecciated at lower contact.
89.71	90.28	Agglomerate as above, cut by patchy quartz, pyrite, and calcite veining, 3% veining.
90.28	91.13	As above cut by 5% veining, quartz pyrite veining and patchy calcite veining.
91.13	92.05	As above cut by quartz pyrite veining that is cut by calcite veining, 5% veining, veins up to 1 centimetre thick.
92.05	93.20	As above cut by 20% quartz pyrite veining that is cut by 1% patchy calcite veining, 5% pyrite, the attitude of the veining is

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412334	91.13	92.05	.92		.191	5.5	338	29	30
FX412335	92.05	93.20	1.15		.299	10.8	364	26	57
FX412336	93.20	95.20	2.00		.017	.2	86	30	1
FX412337	95.20	97.52	2.32		.026	.2	118	33	2
FX412338	97.52	99.80	2.28		.018	.2	72	143	1
FX412339	99.80	101.80	2.00		.014	.1	50	33	1
FX412340	101.80	103.00	1.20		.005	.1	11	175	1
FX412341	103.00	105.00	2.00		.003	.1	8	69	1
FX412342	105.00	107.00	2.00		.004	.1	12	121	1
FX412343	107.00	108.46	1.46		.003	.1	10	109	1
FX412344	108.46	109.69	1.23		.008	.1	10	99	1
FX412345	109.69	111.21	1.52		.011	.1	35	38	1
FX412346	111.21	111.78	.57		.007	.1	15	90	1
FX412347	111.78	113.78	2.00		.008	.1	52	31	1
FX412348	113.78	114.30	.52		.015	.1	212	33	3

FROM m	TO m	DESCRIPTION
		difficult to determine much of it is interstitial, veining thickness up to 3 centimetre, locally crudely.
93.20	95.20	Agglomerate as above, cut by 1% calcite and quartz pyrite veining, highly sheared at 94.20 to 94.70, with shearing at 20 degrees to core axis, chloritic.
95.20	97.52	Agglomerate as above, cut by up to 1% patchy calcite veining, up to 1% pyrite, clasts are recognizable.
97.52	99.80	Agglomerate as above, with some pyritization of matrix, up to 5% pyrite very fine grained, cut by up to 1% calcite veining, pyritization increases toward lower contact.
99.80	101.80	Agglomerate as above, weakly pyritic in places, but moderately sheared, with local chlorite and gouge -rich shear fractures, up to 2% pyrite, cut by 1% calcite veining.
101.80	103.00	Agglomerate as above, with weak pyritic replacement, cut by 1% calcite veining, pyrite very difficult to identify, up to 2% pyrite ?, at lower contact 1 centimetre vein of calcite with chloritic ribbons at 40 degrees to core axis.
103.00	105.00	Agglomerate as above, but maroon colour, cut by up to 1% patchy calcite veining.
105.00	107.00	Agglomerate as above, maroon colour gradually decreasing towards lower contact, some pyrite replacement towards lower contact, 2% pyrite ?, cut by 1% calcite veining comment-in future maybe change name of dike to sill.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	107.00 108.46	Agglomerate as above, with local pervasive diffuse maroon colour, locally pyritic, 2% pyrite ?, cut by up to 1% calcite.										
	108.46 109.69	As above, but cut by 5% patchy calcite veining up to 1 centimetre thick, 1% pyrite..										
	109.69 111.21	Agglomerate as above, cut by 1% patchy calcite veining, up to 1% pyrite.										
	111.21 111.78	Agglomerate as above, but pervasive difuse pyritic replacement throughout more than 5% pyrite.										
	111.78 113.78	Agglomerate as above, maroon colour along fractures near upper contact, but disappearing toward lower contact, cut by 1% patchy calcite veining , Comment - several intervals above where shearing was 20 degrees to core axis, the following interval had a bedding contact subparallel to core axis.										
	113.78 114.30	Agglomerate as above, cut by 3% quartz pyrite veining up to 1 centimetre thick, saprolite to core axis, 3% pyrite.										
114.30 115.59	FAULT											
	114.30 114.70	Highly sheared brecciated chloritic agglomerate gouge, cut by brecciated quartz pyrite vein up to 4 centimetre thick, with rounded patches of massive very fine grained pyrite, 10% veining, some veining material as clasts in breccia	FX412349	114.30	114.70	.40		.035	.1	519	18	3
			FX412350	114.70	115.35	.65		.008	.1	217	29	2
			FX412351	115.35	115.59	.24		.021	.1	437	19	3
	114.70 115.35	Moderately sheared agglomerate, cut by										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		several gouge -filled shear fractures, local clasts of patchy quartz and massive pyrite, 1% quartz pyrite veining.										
115.35	115.59	QUARTZ VEIN Pale gray to bluish gray quartz with patches of very fine grained massive pyrite, vein is saprolite to core axis, wall rocks are intense sheared and chloritic, with gouge, 75% veining, 5% pyrite, vein is crudely banded and brecciated.										
115.59	117.13	FAULT Intense sheared fissile matrix supported fault breccia with chlorite gouge and rock flour matrix, local rounded clasts of massive pyrite, 2% pyrite, up to 1% veining, shearing parallel to core axis.	FX412352	115.59	117.13	1.54		.015	.1	383	27	2
117.13	121.40	AGGLOMERATE										
		117.13 117.70 Moderately sheared , with lensy massive pyrite and some quartz veins along foliation, pinch&swell structure common, shearing at 20 and 30 degree to core axis, 7% pyrite, 2% quartz veining.	FX412353	117.13	117.70	.57		.015	.1	730	29	5
			FX412354	117.70	119.70	2.00		.005	.1	341	49	5
			FX412355	119.70	121.40	1.70		.009	.1	545	26	32
		117.70 119.70 Agglomerate ? as above, or are we getting into tuff, patchy difuse massive pyrite and quartz replacement, 5% pyrite, moderately sheared, tuffaceous interbed at 10 degrees to core axis.										
		119.70 121.40 Moderately sheared agglomerate as above,										

**********DESCRIPTION**********

FROM m	TO m	
		with lensy massive pyrite and quartz replacement, 5% pyrite, rock is bleached pale green and colour characterizes upper 5 metres and the lower 10 metres at least.
121.40	154.82	FAULT
		Comment - obviously this indicates that hydrothermal silicification of the agglomerate took place prior to the faulting that is present here.
		{Comment - the above 6 metres is really interesting and may have some relevance on interpretation of timing of faulting, silicification,&mineralization}.
	121.40 123.44	Fault breccia, matrix supported , chloritic gouge and rock flour matrix, intensely sheared, parallel to core axis, rounded lenses of massive pyrite and quartz are common, 5% pyrite, trace calcite veining, very fissile.
	123.44 125.44	Fault as above, very fissile, 5% pyrite.
	125.44 127.44	Fault as above, matrix supported fault breccia, more than 5% massive pyrite as lens like blebs up to several centimetres long, highly fissile, with local sandy zone at 126.49.
	127.44 129.04	Fault breccia as above, local emerald green celadonite ? alteration of clasts, disintegrated rock and sand at 128.32, shearing saprolite to core axis.
	129.04 131.04	Agglomerate highly sheared and locally silicified, with pyrite lensy blebs common, shearing saprolite to core axis.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412356	121.40	123.44	2.04		.018	.3	715	28	12
FX412357	123.44	125.44	2.00		.021	.1	666	12	7
FX412358	125.44	127.44	2.00		.018	.1	442	19	14
FX412359	127.44	129.04	1.60		.014	.1	424	27	37
FX412360	129.04	131.04	2.00		.007	.1	218	14	11
FX412361	131.04	133.04	2.00		.014	.1	202	30	1
FX412362	133.04	135.20	2.16		.006	.1	74	32	1
FX412363	135.20	135.64	.44		.003	.1	80	36	1
FX412364	135.64	136.00	.36		.001	.1	46	29	1
FX412365	136.00	137.16	1.16		.008	.1	369	29	1
FX412366	137.16	137.80	.64		.026	.2	414	16	1
FX412367	137.80	138.49	.69		.010	.1	322	26	1
FX412368	138.49	138.68	.19		.006	.1	300	32	1
FX412369	138.68	139.10	.42		.024	.1	361	28	1
FX412370	139.10	139.47	.37		.035	.2	577	5	1
FX412371	139.47	139.74	.27		.040	.5	276	9	1
FX412372	139.74	140.01	.27		.044	.5	283	5	2
FX412373	140.01	141.19	1.18		.041	.3	283	9	2
FX412374	141.19	143.10	1.91		.013	.1	169	37	6
FX412375	143.10	144.01	.91		.022	.4	144	15	1
FX412376	144.01	144.13	.12		.204	3.0	316	67	77
FX412377	144.13	145.11	.98		.026	.1	113	181	1
FX412378	145.11	147.11	2.00		.005	.1	5	317	1
FX412379	147.11	149.30	2.19		.007	.1	34	146	1
FX412380	149.30	151.35	2.05		.007	.1	11	159	1

**********DESCRIPTION**********

FROM m	TO m	
131.04	133.04	Highly sheared agglomerate as above, with lensy massive pyrite clasts, some celadonite alteration, chloritic, and minor local weak silicification.
133.04	135.20	As above, Comment - these rocks are so highly sheared that we seem to be getting closer&further away possibly from the same fault zone.
135.20	135.64	Agglomerate as above, highly sheared, chloritic near upper contact and weakly silicified near lower contact.
135.64	136.00	Agglomerate as above, but moderately to intensely silicified, clasts recognizable , cut by 1% calcite veining, comment mottled pinkish brown and pale green.
136.00	137.16	Intense sheared agglomerate as above, may even call fault, gouge and rock flour and chlorite matrix support clasts.
137.16	137.80	Moderately to intensely silicified agglomerate, with local patchy massive pyrite replacement {Comment - note that in these silicified portions the clasts are equant and are not deformed as they are in the intensely sheared intervals} , 4% pyrite, relatively massive.
137.80	138.49	Intense sheared agglomerate, fault breccia, with gouge, chlorite, and rock flour matrix, shearing is saprolite to core axis.
138.49	138.68	Intensely silicified agglomerate, cut by minor gouge -rich shear.
138.68	139.10	Intensely sheared chloritic clay altered

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412381	151.35	152.90	1.55		.012	.1	151	29	1
FX412382	152.90	154.82	1.92		.028	.1	232	26	2

**********DESCRIPTION**********

FROM m	TO m	
		fault breccia.
139.10	139.47	Weakly to moderately silicified agglomerate, with tuffaceous interbed, some massive pyrite replacement, 5% pyrite, tuff contact parallel to core axis.
139.47	139.74	Agglomerate fault breccia as above with gouge, chlorite and rock flour matrix, 2% pyrite.
139.74	140.01	Moderately to intense silicified agglomerate, cut by 2% interstitial quartz pyrite veining, up to 1% pale blue chalcedonic quartz interstitial.
140.01	141.19	Agglomerate intense sheared, with several chlorite gouge rock flour-rich shears, sand and gouge shear at lower contact, local lensy massive pyrite replacement , 3% pyrite, minor local silicification.
141.19	143.10	Agglomerate as above, weakly to moderately silicified, 3% quartz pyrite veining along fractures and interstitial.
143.10	144.01	As above, but chloritic with a 10 centimetre zone that is intensely silicified at 143.30, up to 2% pyrite.
144.01	144.13	Agglomerate cut by 1 centimetre thick calcite fluorite vein with angle to core axis of 75 degrees, 10% veining.
144.13	145.11	Agglomerate as above, but locally highly brecciated with rock flour and gouge matrix, some broken core, cut by up to 1% patchy calcite veining, green with mottled patchy pinkish brown locally.
145.11	147.11	Agglomerate as above, pinkish brown to

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		maroon colour, cut by 3% patchy calcite up to 1 centimetre thick.										
147.11	149.30	Agglomerate as above, maroon to brown colour, local fault breccia and gouge at 147.82, highly sheared, cut by up to 1% patchy calcite veining.										
149.30	151.35	Agglomerate as above, relatively massive with minor fault breccia near lower contact										
151.35	152.90	Green chloritic highly sheared agglomerate, abundant shear lensing, local gouge fault breccia, shearing with angle of 45 degrees to core axis, cut by up to 1% patchy calcite veining.										
152.90	154.82	Agglomerate as above, locally weakly silicified, pink brown colour, cut by 1% patchy quartz calcite veins, chloritic and highly sheared at lower contact with conspicuous shear lensing, shearing at 45 degrees to core axis.										
154.82	229.07	DIKE										
		2 Millimetre feldspar porphyritic dike, 20 to 30% feldspar phenocrysts, buff colour, relatively massive.	FX412383	154.82	157.82	3.00		.002	.1	7	58	2
			FX412384	157.82	160.82	3.00		.001	.1	15	474	1
154.82	157.82	Dike as above, minor brecciation and flow foliation at upper contact, foliation at 60 degrees to core axis, 40 centimetre below upper contact, dike is massive and remains so to lower contact.	FX412385	160.82	163.43	2.61		.001	.1	24	202	1
			FX412386	163.43	166.35	2.92		.001	.1	2	201	1
			FX412387	166.35	169.16	2.81		.004	.1	2	63	1
			FX412388	169.16	172.06	2.90		.006	.1	2	39	1
			FX412389	172.06	175.06	3.00		.001	.1	2	70	1
157.82	160.82	Homogeneous porphyritic dike as above, some broken core, core sand at 160.48.	FX412390	175.06	178.10	3.04		.025	.1	2	31	1
			FX412391	178.10	181.10	3.00		.001	.1	2	34	1
160.82	163.43	Dike as above, some broken core, core sand	FX412392	181.10	184.13	3.03		.001	.1	5	38	1

**********DESCRIPTION**********

FROM m	TO m	
		at 161.24.
163.43	166.35	Dike as above, broken core common, rock is moderately fractured, with hairline chlorite along fractures, cut by up to 1% patchy calcite veining.
166.35	169.16	Porphyritic dike as above, moderately fractured, some broken core, cut by 1% patchy calcite veining.
169.16	172.06	Dike as above, moderately fractured, cut by up to 1% calcite veining.
172.06	175.06	As above cut by 1% calcite veinlets up to 5 millimetre thick.
175.06	178.10	Relatively massive dike, minor fracturing, cut by 1% calcite veining.
178.10	181.10	Dike as above,.
181.10	184.13	Dike as above, abundant broken core near lower contact.
184.13	187.13	Dike as above, relatively massive, fractured near upper contact, cut by 1% calcite veining and some chlorite along fractures.
187.13	190.13	Moderately fractured dike, cut by more than 2% calcite veining up to 6 millimetre thick, hairline chlorite along fractures, locally with gouge.
190.13	193.16	Dike as above, moderately fractured, cut by 1% calcite veining up to 6 millimetre thick.
193.16	196.15	As above, moderately fractured, cut by up to 1% calcite veining.
196.15	199.04	Dike as above, some crushing along shear fracture at 15 degrees to core axis,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412393	184.13	187.13	3.00		.005	.1	2	33	1
FX412394	187.13	190.13	3.00		.005	.1	2	37	1
FX412395	190.13	193.16	3.03		.004	.1	5	33	1
FX412396	193.16	196.15	2.99		.002	.1	2	33	1
FX412397	196.15	199.04	2.89		.003	.1	2	142	1
FX412398	199.04	202.12	3.08		.009	.1	2	59	1
FX412399	202.12	205.10	2.98		.001	.1	3	58	1
FX412400	205.10	208.18	3.08		.001	.1	2	72	1
FX412401	208.18	211.14	2.96		.002	.1	2	98	1
FX412402	211.14	214.14	3.00		.001	.1	2	51	1
FX412403	214.14	217.14	3.00		.001	.1	2	211	1
FX412404	217.14	220.14	3.00		.006	.1	2	46	1
FX412405	220.14	223.15	3.01		.001	.1	2	31	1
FX412406	223.15	226.08	2.93		.002	.1	2	28	1
FX412407	226.08	227.08	1.00		.001	.1	3	26	1
FX412408	227.08	228.11	1.03		.001	.1	6	31	2
FX412409	228.11	229.07	.96		.001	.1	2	17	2

**********DESCRIPTION**********

FROM m	TO m	
		otherwise relatively massive.
199.04	202.12	Dike as above, cut by 1% patchy calcite veining, relatively massive with local shear fracture at 15 degrees to core axis.
202.12	205.10	Dike as above, cut by 1% calcite veining.
205.10	208.18	Relatively massive dike as above, minor local shear fractures.
208.18	211.14	Porphyritic dike as above, weak to moderate fracturing, 1% patchy calcite veining, minor crushing along a few shear fractures.
211.14	214.14	As above, moderately fractured, 2% calcite veining, lensy pinch swell, patchy, local minor gouge and fault breccia along shear fractures.
214.14	217.14	Dike as above, moderately fractured, local crush breccia near lower contact, cut by up to 1% calcite veining.
217.14	220.14	As above, with local crush breccia along shear fractures, otherwise relatively massive, cut by up to 1% calcite veining.
220.14	223.15	As above, weakly fractured, relatively massive, some broken core, cut by up to 1% calcite veining.
223.15	226.08	As above, with gouge and crush breccia locally along shear fractures up to 1% calcite veining.
226.08	227.08	As above, weakly fractured, cut by up to 1% calcite veining.
227.08	228.11	As above but highly fractured&broken into incipient shear lenses, with fluorite envelopes around the porphyry clasts.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		228.11 229.07 As above, but more highly fractured, cut by 2% calcite veining, becoming pale greenish gray sericitic at lower contact, gouge and crush breccia at upper contact.										
229.07	229.30	FAULT Fault breccia with gouge, rock flour, and chloritic matrix, abundant shear lensing, cut by up to 1% calcite veining.	FX412410	229.07	229.30	.23		.009	.1	96	31	1
229.30	230.05	AGGLOMERATE Relatively massive chloritic volcanic, cut by 2% patchy quartz calcite veining. {Comment - this is probably a shear lens}.	FX412411	229.30	230.05	.75		.001	.1	11	32	1
230.05	230.83	FAULT Fault breccia with abundant gouge rock flour and chlorite matrix, shear lensing throughout , shearing at 45 degrees to core axis, rock is friable, matrix supported breccia, pale green but maroon at lower contact.	FX412412	230.05	230.83	.78		.018	.3	164	29	1
230.83	231.10	TUFF Pale green tuff and black argillite cut by quartz pyrite veining, with silicified envelope to vein, vein at 45 degrees to core axis and concordant with foliation, 5% veining, 2% pyrite.	FX412413	230.83	231.10	.27		.059	1.2	434	25	4

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
231.10	233.17	MYLONITE										
	231.10 231.67	Chloritic mylonite with alternating pale green and dark intercalated shear lenses Comment looks a lot like argillite.	FX412414	231.10	231.67	.57		.023	.2	106	75	1
			FX412415	231.67	231.85	.18		.010	.1	18	90	8
			FX412416	231.85	233.17	1.32		.001	.1	6	10	1
	231.67 231.85	Black and pale green chloritic mylonite as above, with flaser banding at lower contact, 45 degrees to core axis.										
	231.85 233.17	Siliceous mylonite moderate to intensely silicified, with broken quartz grains , flaser lensing, and shear lensing common, changes gradationally at lower contact into blastomylonite, pale yellowish green colour, looks like abundant very fine grained diopside.										
233.17	245.36	AMPHIBOLITE										
		Coarse grained blastomylonite with feldspar quartz lenticles from 3 millimetre up to 1.5 centimetre long, within an amphibole network.	FX412417	233.17	235.16	1.99		.001	.1	3	9	1
			FX412418	235.16	237.11	1.95		.001	.1	5	11	4
			FX412419	237.11	238.48	1.37		.001	.1	7	7	2
	233.17 235.16	Blastomylonite as above, cut by numerous hairline to 2 millimetre green veinlets, veinlets are feldspar, epidote, with maybe some actinolite, 4% veining.	FX412420	238.48	238.92	.44		.001	.1	6	9	1
			FX412421	238.92	241.22	2.30		.002	.1	8	7	3
			FX412422	241.22	242.30	1.08		.001	.1	7	11	2
			FX412423	242.30	242.60	.30		.001	.1	8	6	2
	235.16 237.11	Blastomylonite, amphibolite composition as above, 2% veining, less fractured than above.	FX412424	242.60	245.36	2.76		.001	.2	3	8	1
	237.11 238.48	Amphibolite blastomylonite as above.										
	238.48 238.92	As above cut by 12 centimetre thick quartz feldspar vein at 45 degrees to core axis and at almost right angles to the										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		foliation, 30% veining, quartz is massive milky gray 238.92 241.22 amphibolite as above, cut by 4% calc-silicate veining, and 2% quartz feldspar veining up to 1.5 centimetre thick.										
241.22	242.30	As above but more leucocratic locally and cut by quartz feldspar leucosomes or veins ?, contains 1 centimetre quartz feldspar hematite at 241.95 to 242.16.										
242.30	242.60	Amphibolite cut by 7 centimetre thick quartz vein with minor feldspar with angle of 45 degrees to core axis.										
242.60	245.36	Amphibolite cut by a 4 centimetre gray quartz vein and 2% calc silicate veining up to 4 millimetre thick, amphibolite foliation is saprolite to core axis, amphibolite shows definite cataclastic textures with flaser lensing of black amphibolite and white feldspar quartz lenticles. FOOT OF BOREHOLE 72477-0.										

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 54.0 m	NTS SHEET #	: 82E-6W	STARTED	: 2 April,1989
PROPERTY	: Gold Option	DEPARTURE	: -32.0 m	TOWNSHIP	:	COMPLETED	: 25 March,1989
BOREHOLE	: 72478-A	ELEVATION	: 1431.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: 360.0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -45.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 196.3 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None

LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
62.18		-43.50	123.13		-45.50	165.80		-47.00	196.28		-44.50

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	3.66	CASING										
			NS	.00	3.66	3.66		n/a	n/a	n/a	n/a	n/a
3.66	3.93	OVERBURDEN										
		Boulders of fold granodiorite.	FX412425	3.66	3.93	.27		.011	.1	27	125	9
3.93	18.14	REGOLITH										
		Trachyte agglomerate with feldspar porphyritic clasts,	FX412426	3.93	6.88	2.95		.041	1.1	42	35	5
		in matrix that is commonly variably hematitized.	FX412427	6.88	9.91	3.03		.064	1.4	55	29	13
		3.93 6.88 Agglomerate as above, highly weathered and	FX412428	9.91	10.86	.95		.072	.2	46	26	15
		hematitized, some broken core, some core	FX412429	10.86	11.00	.14		.043	.5	33	30	11
		pebbles, minor lost core, commonly matrix is	FX412430	11.00	11.43	.43		.035	1.8	216	27	11

**********DESCRIPTION**********

FROM m	TO m	
		altered to earthy porous red hematite -rich material, locally clasts are rind altered or leisegang rind altered.
6.88	9.91	Agglomerate as above, with relatively unaltered gray green porphyritic trachyte clasts in variably hematitized matrix, 85% of interval is hematite rich, broken core common at lower contact.
9.91	10.86	Agglomerate as above, still oxidized, 50% hematite rich material, local siltstone and sandstone tuff clasts, abundant broken core at lower contact.
10.86	11.00	As above, but locally cut by 3% quartz veining up to 2 millimetre thick, minor silicification, still brecciated and oxidized.
11.00	11.43	Oxidized agglomerate as above, abundant broken core.
11.43	11.78	As above cut by quartz veining up to 2 centimetre thick with angle to core axis saprolite and also at 50 degrees, 8% quartz veining, rock is brecciated with hematite rich matrix.
11.78	12.04	As above, hematite -rich, all broken core and local core sand.
12.04	13.41	Brecciated agglomerate as above with hematite -rich matrix, abundant broken core.
13.41	15.54	Brecciated agglomerate as above with hematite -rich matrix, abundant broken core and locally core and reduced to sand, especially toward lower contact, fragments locally silicified.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412431	11.43	11.78	.35		.073	2.8	25	17	9
FX412432	11.78	12.04	.26		.048	1.8	178	18	12
FX412433	12.04	13.41	1.37		.009	.1	35	22	3
FX412434	13.41	15.54	2.13		.064	1.4	31	24	2
FX412435	15.54	18.14	2.60		.044	.3	19	33	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	15.54 18.14	Brecciated agglomerate as above, abundant broken core, highly oxidized, locally silicified clasts, cut by up to 1% chalcedony veinlets up to 1 millimetre thick.										
18.14	48.74	AGGLOMERATE										
	18.14 19.94	Agglomerate as above, highly oxidized, abundant broken core common in lower half, locally reduced to sand, broken core, core pebbles and sand at lower contact, 30% hematite.	FX412436	18.14	19.94	1.80		.037	.1	18	23	1
			FX412437	19.94	22.56	2.62		.032	.2	7	17	1
			FX412438	22.56	24.38	1.82		.025	.2	9	27	1
			FX412439	24.38	24.79	.41		.009	.5	10	27	1
			FX412440	24.79	26.86	2.07		.013	.2	10	23	1
	19.94 22.56	Highly brecciated agglomerate as above, partly oxidized, less oxidized than above , clasts are chlorite, sericite, and clay mineral altered, cut by up to 1% patchy calcite veining.	FX412441	26.86	28.88	2.02		.014	.2	18	35	2
			FX412442	28.88	30.88	2.00		.024	.4	20	36	2
			FX412443	30.88	32.70	1.82		.023	.1	13	21	1
			FX412444	32.70	33.19	.49		.023	.7	8	20	1
			FX412445	33.19	34.75	1.56		.014	.7	15	24	1
	22.56 24.38	Agglomerate as above, partly oxidized, cut by up to 1% patchy calcite veining.	FX412446	34.75	36.53	1.78		.019	.6	10	27	1
			FX412447	36.53	37.95	1.42		.025	.9	13	28	1
	24.38 24.79	As above, cut by white quartz veining saprolite to core axis, up to 6 millimetre thick, 5% quartz veining.	FX412448	37.95	39.62	1.67		.033	.3	6	28	1
			FX412449	39.62	41.50	1.88		.037	.4	8	32	2
			FX412450	41.50	42.32	.82		.050	.8	11	37	1
	24.79 26.86	Agglomerate as above, highly brecciated and smeared out by shearing, partly oxidized with hematite common along fractures, cut by 1 centimetre thick quartz calcite vein at 25.35, 1% quartz calcite veining.	FX412451	42.32	42.72	.40		.025	1.2	12	31	1
			FX412452	42.72	43.18	.46		.027	1.2	9	41	1
			FX412453	43.18	44.03	.85		.030	.9	12	31	1
			FX412454	44.03	44.44	.41		.040	.2	10	52	1
			FX412455	44.44	46.48	2.04		.025	.1	24	43	1
	26.86 28.88	Agglomerate as above, partly oxidized with hematite common along fractures replacement of matrix common, entire interval looks moderately sheared with some shear lensing, cut by up to 1% calcite veining.	FX412456	46.48	47.74	1.26		.027	.8	15	29	1
			FX412457	47.74	48.25	.51		.125	.4	11	33	1
			FX412458	48.25	48.74	.49		.087	.3	10	34	1

**********DESCRIPTION**********

FROM m	TO m	
28.88	30.88	As above, partly oxidized, with shear lensing and brecciation, the rock looks really mottled and patchy, clasts tend to be green to gray and matrix tends to be red to buff brown, cut by up to 1% calcite veining, variable locally silicification of clasts.
30.88	32.70	As above, except now into zone of relatively fresh rock, with very little to no oxidization, smeared out agglomerate as above, cut by up to 1% patchy calcite veining, broken core and sand at lower contact.
32.70	33.19	As above cut by calcite veins up to 3 millimetre thick, saprolite to 20 degrees to core axis, 3% veining.
33.19	34.75	As above cut by 1% quartz calcite veining up to 3 millimetre thick, saprolite to core axis, also cut by 1 centimetre thick shear fracture with fault breccia and chlorite rock flour matrix , saprolite to core axis from 33.35 33.80 metres.
34.75	36.53	As above, except relatively more massive, cut by 1% quartz calcite veining, some hematite along fractures and near lower contact.
36.53	37.95	Agglomerate as above, cut by more than 2% quartz veining locally with hematite envelope (presumably pyrite before), clasts tend to be dark green whereas matrix is pale green to gray, and locally variably silicified, some clasts are hematitized and local lensy patches of hematite occur in

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM m	TO m	
		matrix, hematite probably after pyrite.
37.95	39.62	As above, with some broken core, and some good definitely rounded agglomerate type porphyritic trachyte clasts.
39.62	41.50	As above, cut by 1% quartz calcite veining, chlorite along local shear fractures up to 2% hematite.
41.50	42.32	As above but highly brecciated with hematite -rich matrix, 15% hematite, abundant broken core.
42.32	42.72	Agglomerate as above, locally silicified near lower contact, one 20 centimetre chloritic clast, cut by up to 1% veining.
42.72	43.18	Agglomerate as above, with local jasperoid alteration of matrix, cut by calcite jasperoid vein up to 2 centimetre thick saprolite to core axis, 5% veining.
43.18	44.03	Agglomerate as above, with local chloritic trachy andesite porphyry clasts, matrix locally replaced by quartz pyrite alteration by pervasive and diffuse&patchy quartz pyrite alteration, up to 5% pyrite, cut by up to 1% veining.
44.03	44.44	As above cut by patchy quartz calcite veining up to 1 centimetre thick, saprolite to core axis, 5% veining.
44.44	46.48	Agglomerate as above, with quartz pyrite replacement of matrix common, 10% pyrite, cut by 1% patchy calcite veining, some broken core, and local shear fracturing.
46.48	47.74	Agglomerate as above, with local pervasive difuse weak jasperoid alteration, up to 2%

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		pyrite, cut by up to 1% calcite.										
	47.74 48.25	Agglomerate as above, with jasperoid alteration, cut by 4% patchy highly faulted calcite veining up to 4 millimetre thick, saprolite to core axis, up to 2% pyrite.										
	48.25 48.74	Agglomerate as above, cut by 2% patchy calcite veining, moderate jasperoid alteration through most of interval.										
48.74	49.07	QUARTZ VEIN Calcite vein with minor quartz, brecciated, into clasts up to 4 centimetre long, 60% veining, up to 3 centimetre thick, saprolite to core axis, wall rock not silicified but is chloritic.	FX412459	48.74	49.07	.33		.052	.3	9	17	1
49.07	49.99	AGGLOMERATE Trachyte agglomerate, relatively massive, locally weak jasperoidal replacement of clast and matrix, cut by 3% quartz calcite veining up to 4 millimetre thick.	FX412460	49.07	49.99	.92		.078	.8	19	28	1
49.99	50.42	QUARTZ VEIN 2 Calcite veins each up to 3 centimetre thick, saprolite to 20 degrees to core axis, calcite with minor quartz, footwall at lower contact is weakly silicified with minor disseminated pyrite, 2% pyrite, footwall is also locally brecciated with some vein material clasts.	FX412461	49.99	50.42	.43		.038	.3	135	23	1
50.42	61.65	AGGLOMERATE										

**********DESCRIPTION**********

FROM m	TO m	
		Medium green porphyritic trachyte clasts, vaguely discernable in trachyte tuff matrix, relatively massive. Comment - may this be K-feldspar alteration ?.
50.42	50.93	As above, cut by no veining, 3% disseminated pyrite, and weak jasperoid pyrite alteration at lower contact.
50.93	51.57	As above cut by 3 quartz calcite veins, up to 4 centimetre thick, with angle to core axis of 45 and 30 degrees, 12% veining, immediate wall rock to more quartz -rich veins is silicified with mottled to pink colour and minor disseminated pyrite, vein clasts are jasperoid replaced.
51.57	51.96	Agglomerate, dark green, relatively massive, cut by up to 1% patchy calcite veining, up to 1% pyrite.
51.96	52.73	As above cut by several calcite quartz veinlets with silicified wallrock, various attitudes, veins up to 1 centimetre thick, 5% veining.
52.73	53.72	As above, cut by 4% quartz calcite veining at 35 degrees to core axis, veins have variably silicified wallrock, entire interval is patchy to pervasively altered to buff weakly pyritic alteration, resembles jasperoid.
53.72	54.30	Agglomerate as above, with weak jasperoidal alteration at upper contact, cut by 2% patchy quartz calcite veining, with buff alteration envelope Comment - this buff alteration envelope is probably ankerite. , pervasive ankerite and pyrite alteration.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412462	50.42	50.93	.51		.021	.8	186	35	1
FX412463	50.93	51.57	.64		.055	1.1	213	29	2
FX412464	51.57	51.96	.39		.021	.9	295	32	1
FX412465	51.96	52.73	.77		.048	.7	344	33	2
FX412466	52.73	53.72	.99		.032	.5	124	39	1
FX412467	53.72	54.30	.58		.063	.6	150	41	1
FX412468	54.30	55.05	.75		.051	1.0	192	40	19
FX412469	55.05	55.93	.88		.040	.3	53	34	1
FX412470	55.93	56.29	.36		.015	.1	37	29	2
FX412471	56.29	56.95	.66		.007	.1	38	66	1
FX412472	56.95	58.06	1.11		.004	.1	12	110	1
FX412473	58.06	59.13	1.07		.291	3.9	567	33	133
FX412474	59.13	60.17	1.04		.042	.3	239	54	2
FX412475	60.17	61.65	1.48		.004	.1	2	61	1

**********DESCRIPTION**********

FROM m	TO m	
54.30	55.05	As above cut by 8 quartz calcite veinlets up to 1 centimetre thick, with various attitudes to core axis from saprolite to 30 degrees to 45 degrees, veinlets have silicified and ankerite altered wallrock, 10% veining.
55.05	55.93	As above cut by a crudely banded quartz calcite vein up to 2 centimetre thick, saprolite to core axis over entire interval, also cut by gray to aqua cryptocrystalline quartz veins up to 1 centimetre thick, at angle of 50 degrees to core axis, this interval has 15% quartz calcite veining.
55.93	56.29	As above cut by quartz calcite vein up to 1 centimetre thick, parallel to core axis, and probably the extension of the vein in the interval above, also cut by 4 centimetre thick quartz vein at 50 degrees to core axis, 20% quartz calcite veining, buff variably silicified wallrock alteration common.
56.29	56.95	As above, probably an extension of the 1 centimetre thick vein, agglomerate cut by quartz calcite vein parallel to core axis up to 8 millimetre thick, also local patchy calcite veinlets, and cut by 2 shear fractures with gouge and rock flour matrix at 30 degrees to core axis, 8% veining.
56.95	58.06	As above cut by up to 1% quartz calcite veining, relatively massive, mostly massive trachyte.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	58.06 59.13	As above, but cut by 1 centimetre thick crudely banded quartz calcite vein parallel to core axis for entire length of interval, moderately silicified wall rock, dark gray to black envelope to vein is probably chlorite, up to 2% pyrite, 15% veining.										
	59.13 60.17	As above cut by quartz calcite veining up to 6 millimetre thick, parallel to core axis, 6% veining.										
	60.17 61.65	As above cut by extension of veins as in above interval up to 3 millimetre thick, 5% veining, wallrock alteration less intense than above interval , some broken core around 61.26 and rest of interval is moderately fractured.										
61.65	62.29	FAULT										
		As above but highly brecciated with fault gouge and breccia at upper contact and highly brecciated throughout entire interval, with rock flour and gouge matrix.	FX412476	61.65	62.29	.64		.004	.1	15	31	2
62.29	77.93	TRACHYTE										
		Trachyte agglomerate with vaguely discernable clasts, may almost be agglomeratic trachyte.	FX412477	62.29	64.27	1.98		.004	.1	13	40	1
		Comment - two phases of veining here, earlier phase is pyrite quartz narrow several millimetre thick, and that apparently is cut by the white calcite with minor quartz veins.	FX412478	64.27	65.29	1.02		.031	1.5	603	40	11
			FX412479	65.29	66.44	1.15		.006	.1	9	45	1
			FX412480	66.44	67.16	.72		.061	2.3	386	35	43
			FX412481	67.16	67.88	.72		.084	2.6	197	30	25
			FX412482	67.88	69.75	1.87		.007	.1	17	58	1
		Comment buff ankerite alteration appears to be related	FX412483	69.75	71.35	1.60		.005	.1	4	70	1

**********DESCRIPTION**********

FROM m	TO m	
		to the first phase of veining.
62.29	64.27	As above, abundant broken core, weakly fractured and cut by hairline to 1 centimetre patchy quartz calcite veinlets along fractures, 1% quartz calcite veining.
64.27	65.29	Trachyte as above, cut by quartz calcite veins up to 1 centimetre thick, with angle to core axis of 10 degrees and 60 degrees, 3% veining, interval is altered to buff colour ankerite, is also moderately fractured.
65.29	66.44	Trachyte as above, some broken core near lower contact, relatively massive and cut by 1% quartz calcite veining.
66.44	67.16	As above cut by quartz calcite veining, parallel to core axis, up to 1.5 centimetre thick, 10% veining, buff alteration present in wall rock.
67.16	67.88	As above, extension of veins of interval above, buff alteration as above, veining up to 1.5 centimetre thick, parallel to core axis.Actually it seems to form a sinusoidal wave that stays in the core and then slips out of the core&then reappears in the core, 10% veining.
67.88	69.75	Trachyte, relatively massive, porphyritic with 20% feldspar phenocrysts of 2 to 3 millimetre size, cut by 2% patchy calcite veining up to 5 millimetre thick.
69.75	71.35	Relatively massive porphyritic trachyte as above, cut by 1% quartz calcite veining.
71.35	72.34	As above cut by several quartz calcite

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412484	71.35	72.34	.99		.036	.9	324	30	5
FX412485	72.34	73.85	1.51		.017	.1	3	85	1
FX412486	73.85	74.55	.70		.010	.3	8	40	1
FX412487	74.55	75.82	1.27		.013	.1	5	39	1
FX412488	75.82	76.12	.30		.204	.7	362	22	1
FX412489	76.12	76.54	.42		.077	1.7	638	22	1
FX412490	76.54	76.70	.16		.130	5.7	524	17	225
FX412491	76.70	77.06	.36		.053	1.1	634	23	3
FX412492	77.06	77.63	.57		.061	1.5	584	18	28
FX412493	77.63	77.93	.30		.080	.8	326	21	1

**********DESCRIPTION**********

FROM m	TO m	
		veinlets, up to 7 millimetre thick, with angle to core axis of 5 degrees and 35 degrees, buff ankerite ? alteration prevalent, along with sericite clay alteration of feldspar.
72.34	73.85	Relatively massive trachyte as above, cut by up to 1% quartz calcite veining, some broken core at 73.00.
73.85	74.55	As above cut by quartz calcite veining, patchy and saprolite to core axis, includes 2 millimetre thick quartz pyrite veinlets and local silicification, 10% veining.
74.55	75.82	Trachyte as above cut by 3% quartz calcite veining, up to 6 millimetre thick, saprolite to core axis to 10 degrees to core axis.
75.82	76.12	As above cut by 1 centimetre thick quartz calcite vein, saprolite to core axis, 10% veining.
76.12	76.54	As above, pervasive buff alteration, cut by up to 1% calcite veining.
76.54	76.70	As above cut by quartz calcite vein up to 3 centimetre thick with white milky and black quartz at angle of 30 degrees to core axis, 20% veining.
76.70	77.06	As above, with buff ankerite ? alteration, cut by 1% quartz calcite veining.
77.06	77.63	As above cut by quartz calcite veining saprolite to 20 degrees to core axis, up to 2 centimetre thick, 8% veining.
77.63	77.93	As above, cut by 1% calcite veining, up to 1 millimetre thick, chloritic alteration with no buff colour.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
77.93	78.04	QUARTZ VEIN As above cut by quartz calcite vein up to 8 centimetre thick, with clasts of wallrock stoped off into vein, crudely banded, bluish chalcedonic quartz locally, 50% veining.	FX412494	77.93	78.04	.11		.122	3.4	610	18	147
78.04	81.43	TRACHYTE Porphyritic trachyte with 20% feldspar phenocrysts variably clay altered, and relatively massive.	FX412495	78.04	78.31	.27		.072	.5	563	21	3
			FX412496	78.31	79.02	.71		.085	1.4	627	22	49
		78.04 78.31 As above, but generally buff colour and probably ankerite altered, cut by up to 1% calcite veining.	FX412497	79.02	80.28	1.26		.014	.4	233	33	1
			FX412498	80.28	81.43	1.15		.015	.5	306	32	2
		78.31 79.02 As above cut by several quartz calcite veins, up to 3 centimetre thick, patchy, with angles of 10 degrees to core axis, 10% veining, most of interval is buff colour altered.										
		79.02 80.28 As above, porphyritic trachyte, cut by 1% calcite veining up to 2 millimetre thick, and saprolite to core axis, mottled ankeritic alteration near upper contact, but generally weak jasperoidal alteration throughout.										
		80.28 81.43 As above cut by quartz calcite veining, with angle to core axis of 10 degrees, up to 1 centimetre thick, 3% quartz calcite veining, veining saprolite to core axis Comment trachyte is getting agglomeratic.										

**********DESCRIPTION**********

FROM m	TO m	
81.43	90.45	AGGLOMERATE
		Trachyte agglomerate with porphyritic trachyte clasts in tuffaceous matrix.
	81.43 82.56	Trachyte agglomerate as above, cut by quartz calcite pyrite veining, patchy and saprolite to core axis, up to 3 centimetre thick, 8% veining with fleshy pink weak jasperoidal alteration.
	82.56 83.58	As above, with fleshy pink weak jasperoidal alteration, cut by patchy interstitial quartz calcite veins up to 2 centimetre thick, 8% veining.
	83.58 84.15	As above, cut by 1% quartz calcite veining, patchy, locally brecciated near upper contact, moderate jasperoid alteration of matrix.
	84.15 84.65	As above cut by quartz calcite veins up to 5 millimetre thick, saprolite to core axis, 6% veining.
	84.65 85.39	As above, weak jasperoidal replacement of matrix, cut by up to 1% quartz calcite veins
	85.39 85.77	As above, but cut by 10% quartz veining, ranging in colour from medium gray to white to pale amethystine, veining is patchy and interstitial to clasts.
	85.77 87.02	Trachyte as above, cut by up to 1% quartz calcite veining, weak jasperoidal replacement of clasts locally, and general mottled pink to red and green colour.
	87.02 87.36	As above cut by quartz calcite veins up to 5 millimetre thick, 3% veining.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412499	81.43	82.56	1.13		.028	.2	247	28	1
FX412500	82.56	83.58	1.02		.060	.3	427	23	7
FX412501	83.58	84.15	.57		.019	.1	125	27	1
FX412502	84.15	84.65	.50		.047	.9	390	34	6
FX412503	84.65	85.39	.74		.035	.5	437	25	1
FX412504	85.39	85.77	.38		.054	2.4	475	19	116
FX412505	85.77	87.02	1.25		.013	.1	171	22	1
FX412506	87.02	87.36	.34		.008	.1	10	45	2
FX412507	87.36	87.93	.57		.001	.1	4	65	1
FX412508	87.93	88.16	.23		.002	.1	4	45	1
FX412509	88.16	90.45	2.29		.002	.1	2	36	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		87.36 87.93 As above, reddish brown colour, relatively massive, cut by rare veining some broken core.										
		87.93 88.16 As above cut by 1 centimetre thick quartz calcite specularite vein, angle to core axis of 40 degrees, . 5% veining, quartz pyrite vein at 40 degrees to core axis, 1 centimetre thick.										
		88.16 90.45 As above, grading into agglomeratic trachyte, abundant broken core from upper contact to 88.70, relatively massive below, cut by up to 1% patchy calcite veining, weak jasperoidal alteration.										
90.45	92.16	FAULT										
		Agglomerate is highly crushed, brecciated, with shear fractures with accompanying fault breccia saprolite to low angles to core axis, breccia clasts are supported in matrix of gouge, rock flour and chlorite, cut by 2% patchy calcite veining, up to 1 centimetre thick.	FX412510	90.45	92.16	1.71		.005	.1	11	22	1
92.16	106.85	AGGLOMERATE										
		Medium green typical agglomerate, with green and pale pink jasperoid altered clasts.	FX412511	92.16	94.16	2.00		.003	.1	6	21	1
			FX412512	94.16	96.12	1.96		.002	.1	11	24	1
		92.16 94.16 Agglomerate as above, locally sheared along chloritic slips with minor fault breccia, cut by 1% patchy calcite veining.	FX412513	96.12	98.12	2.00		.007	.1	4	24	1
			FX412514	98.12	99.24	1.12		.001	.1	2	22	1
			FX412515	99.24	100.54	1.30		.001	.1	4	33	1
		94.16 96.12 Agglomerate as above, a bit more massive, cut by 2% patchy calcite , rare quartz veining.	FX412516	100.54	102.22	1.68		.003	.1	5	37	1
			FX412517	102.22	102.87	.65		.001	.1	2	41	1
			FX412518	102.87	103.59	.72		.001	.1	7	73	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
96.12	98.12	Agglomerate as above, relatively massive, clasts are discernable feldspar porphyritic, cut by 2% patchy calcite veining	FX412519	103.59	103.77	.18		.003	.1	5	59	1
			FX412520	103.77	104.85	1.08		.007	.1	4	45	1
			FX412521	104.85	106.29	1.44		.004	.1	3	46	1
98.12	99.24	Agglomerate as above, good discernable clasts, up to 1% patchy calcite veining.	FX412522	106.29	106.85	.56		.012	.1	4	24	1
99.24	100.54	As above, cut by 6% patchy calcite veining up to 1 centimetre thick.										
100.54	102.22	Agglomerate as above, relatively massive, well defined discernable clasts, cut by 1% patchy calcite veining.										
102.22	102.87	As above cut by 4% patchy calcite veining up to 1 centimetre thick.										
102.87	103.59	As above cut by 1% patchy calcite veining.										
103.59	103.77	Agglomerate as above cut by calcite vein up to 1 centimetre thick, with angle to core axis of 5 degrees, 5% calcite veining										
103.77	104.85	Agglomerate as above well defined and recognizable clasts, cut by 1% patchy calcite veining.										
104.85	106.29	As above, cut by more than 1% patchy calcite quartz veining, up to 8 millimetre thick.										
106.29	106.85	As above, cut by 1% patchy calcite quartz veining.										
106.85	107.92	QUARTZ VEIN										
106.85	107.24	Agglomerate cut by quartz calcite veins, up to 5 centimetre thick, with angle to core axis of 40 degrees, 30% veining, minor brecciation and silicification at upper contact.	FX412523	106.85	107.24	.39		.280	2.3	122	14	1
			FX412524	107.24	107.75	.51		.005	.1	2	24	1
			FX412525	107.75	107.92	.17		.230	.1	4	59	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
	107.24 107.75	Calcite vein, 100% calcite veining, upper contact has much bladed texture whereas lower contact has internal vein banding in the order of 1 millimetre thick to 5 millimetre thick with angle to core axis of 40 degrees, white to milky gray colour, this vein is part of a composite vein that includes the next interval, except this portion is entirely 100% calcite with 1% chloritic hanging wall, bladed calcite crystals are in the order of 1 to 2 centimetre size.										
	107.75 107.92	Veining as above, except entirely quartz, quartz apparently replaced the calcite and texture in this vein are of bladed calcite crystals with 1 to 3 millimetre thick bands at 40 degrees to core axis, totally silicified, 100% quartz, same colour as calcite white to milky gray, up to 5% chloritic footwall in interval.										
107.92 109.63		AGGLOMERATE										
	107.92 108.08	Chloritic footwall to vein with 8% calcite veining up to 5 millimetre thick, local silicification at upper contact.	FX412526	107.92	108.08	.16		.031	1.1	330	15	1
			FX412527	108.08	108.52	.44		.160	1.2	172	20	1
			FX412528	108.52	109.63	1.11		.083	1.1	157	62	1
	108.08 108.52	Agglomerate with medium green colour, recognizable clasts, that are locally pyritized, 2% pyrite, generally chloritic, cut by 1% patchy calcite veining.										
	108.52 109.63	Agglomerate as above, cut by 1% patchy calcite veining up to 3 millimetre thick,										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		buff alteration at lower contact is probably vein related and may be ankerite and weak silicification.										
109.63	110.42	QUARTZ VEIN										
		This is a composite quartz vein sampled in 3 intervals.	FX412529	109.63	109.90	.27		.350	.9	129	12	6
		109.63 109.90 Upper brecciated part of quartz calcite veining, silicified clasts are agglomerate within patchy and interstitial quartz calcite with 1% pyrite, 30% veining.	FX412530	109.90	110.12	.22		13.620	23.9	97	130	5
			FX412531	110.12	110.42	.30		.350	2.5	174	15	6
		109.90 110.12 Main vein has 1.5 centimetre thick white calcite borders and crudely banded mainly quartz core with angle to core axis of 50 to 60 degrees and wallrock clasts, 90% veining, white to pale gray colour.										
		110.12 110.42 Lower part of quartz vein, quartz calcite and rare pyrite form interstitial veins to brecciated footwall, footwall fragments are oriented parallel to vein attitude, angle to core axis is 50 degrees, 50% veining.										
110.42	117.59	AGGLOMERATE										
		Typical chloritic agglomerate as above.	FX412532	110.42	111.05	.63		.210	1.2	159	20	1
		110.42 111.05 Agglomerate as above, cut by 4% quartz calcite veining, up to 1 centimetre thick, with angle to core axis of 40 degrees.	FX412533	111.05	112.39	1.34		.012	.3	7	26	1
			FX412534	112.39	113.61	1.22		.014	.1	6	24	1
			FX412535	113.61	114.42	.81		.006	.1	3	28	1
		111.05 112.39 Agglomerate as above, chloritic, locally cut by chloritic shear in center of interval cut by up to 1% patchy calcite	FX412536	114.42	115.09	.67		.008	.3	4	17	1
			FX412537	115.09	115.60	.51		.027	.1	6	27	1
			FX412538	115.60	116.15	.55		.013	.1	5	25	1

**********DESCRIPTION**********

FROM m	TO m	
		veining.
112.39	113.61	As above but moderately sheared, highly sheared at upper contact into fault breccia with chlorite gouge and rock flour matrix, some broken core, cut by 1% patchy calcite veining.
113.61	114.42	As above with patchy pervasive and diffuse jasperoid replacement of matrix cut by 1% patchy calcite veining.
114.42	115.09	Agglomerate as above, some recognizable clasts, cut by 1% patchy calcite veining.
115.09	115.60	Agglomerate as above cut by 12% quartz calcite veining, patchy and interstitial, up to 2 centimetre thick, angle to core axis of one vein is 30 degrees.
115.60	116.15	Agglomerate as above, with locally pervasive and difuse weak silicification of matrix, cut by 1% patchy quartz calcite veining.
116.15	117.04	As above, cut by 7% calcite quartz veining, patchy and interstitial, up to 2 centimetre thick, also weak silicification locally.
117.04	117.59	As above, with weak silicification locally, cut by 1% patchy quartz calcite veining {Comment- the feldspar in these rocks is unaltered from 115.6 to present interval}.
117.59	117.96	QUARTZ VEIN Agglomerate cut by several calcite veins with minor

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412539	116.15	117.04	.89		.010	.2	8	29	1
FX412540	117.04	117.59	.55		.008	.2	5	23	1
FX412541	117.59	117.96	.37		.005	.2	4	35	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		quartz up to 2 centimetre thick, with angle to core axis of 35 degrees, 40% calcite with minor quartz veining.										

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 54.0 m	NTS SHEET #	: 82E-6W	STARTED	: 2 April,1989
PROPERTY	: Gold Option	DEPARTURE	: -32.0 m	TOWNSHIP	:	COMPLETED	: 25 March,1989
BOREHOLE	: 72478-B	ELEVATION	: 1431.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: 360.0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -45.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 196.3 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None

LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
62.18		-43.50	123.13		-45.50	165.80		-47.00	196.28		-44.50

**********DESCRIPTION**********

FROM m	TO m	
117.96	178.65	AGGLOMERATE
117.96	118.30	Agglomerate with 30% feldspar phenocrysts unaltered in medium green tuffaceous trachy andesite matrix, cut by rare patchy calcite veining.
118.30	118.99	As above cut by 10% calcite and quartz veining, with patchy interstitial and locally with angles to core axis of 30 degrees.
118.99	119.51	As above, cut by up to 1% patchy calcite veining.
119.51	119.91	As above cut by 10% patchy quartz calcite veining up to 2 centimetre thick, local intense silicification of matrix.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412542	117.96	118.30	.34		.007	.1	3	19	1
FX412543	118.30	118.99	.69		.004	.4	5	20	1
FX412544	118.99	119.51	.52		.004	.1	3	21	1
FX412545	119.51	119.91	.40		.011	.1	2	141	1
FX412546	119.91	120.80	.89		.006	.1	4	27	1
FX412547	120.80	121.85	1.05		.010	.1	3	46	1
FX412548	121.85	122.13	.28		.016	.4	3	49	1
FX412549	122.13	123.30	1.17		.055	.1	5	29	1
FX412550	123.30	124.24	.94		.007	.1	3	26	1
FX412551	124.24	124.85	.61		.006	.1	2	24	1
FX412552	124.85	125.35	.50		.005	.4	5	114	1
FX412553	125.35	125.62	.27		.009	.1	4	36	1
FX412554	125.62	125.80	.18		.011	.2	6	39	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
119.91	120.80	As above, cut by 1% calcite veining,	FX412555	125.80	127.05	1.25		.007	.1	4	26	1
		weakly fractured , from 120.60 to lower	FX412556	127.05	127.45	.40		.010	.3	8	28	1
		contact highly sheared with fault breccia	FX412557	127.45	127.85	.40		.022	.6	9	27	1
		and chloritic gouge, cut by 1 centimetre	FX412558	127.85	128.78	.93		.010	.4	6	45	1
		thick calcite fluorite vein, with angle	FX412559	128.78	129.19	.41		.006	.5	5	31	1
		to core axis parallel shearing at 60	FX412560	129.19	129.60	.41		.012	.3	3	60	1
		degrees.	FX412561	129.60	130.41	.81		.012	.5	4	22	1
120.80	121.85	Agglomerate as above with porphyritic	FX412562	130.41	132.07	1.66		.003	.2	4	32	1
		trachyte clasts, cut by 2% patchy	FX412563	132.07	132.28	.21		.002	.1	2	23	1
		interstitial quartz calcite veining,	FX412564	132.28	134.30	2.02		.002	.1	2	31	1
		locally silicified matrix.	FX412565	134.30	136.27	1.97		.001	.2	6	33	1
121.85	122.13	As above cut by calcite vein up to 1	FX412566	136.27	138.38	2.11		.003	.1	4	28	1
		centimetre thick, angle to core axis of 40	FX412567	138.38	140.36	1.98		.003	.1	2	19	1
		degrees, 7% veining.	FX412568	140.36	142.70	2.34		.016	.2	6	20	1
122.13	123.30	Agglomerate as above cut by 1% patchy	FX412569	142.70	142.90	.20		.051	.7	153	21	2
		quartz calcite veining, minor local	FX412570	142.90	143.30	.40		.034	.4	151	23	1
		silicification of matrix.	FX412571	143.30	145.30	2.00		.001	.1	3	31	1
123.30	124.24	As above cut by 4% patchy calcite with	FX412572	145.30	147.00	1.70		.003	.1	3	35	1
		minor quartz veining, local weak	FX412573	147.00	148.63	1.63		.003	.1	4	48	1
		silicification of matrix.	FX412574	148.63	148.86	.23		.020	.1	35	18	1
124.24	124.85	As above cut by 1% patchy calcite veining.	FX412575	148.86	149.15	.29		.190	1.3	488	24	6
124.85	125.35	As above cut by 8% quartz calcite veining	FX412576	149.15	149.63	.48		.019	.1	5	26	1
		up to 2 centimetre thick, with angle to	FX412577	149.63	151.45	1.82		.017	.1	2	38	1
		core axis of 10 degrees.	FX412578	151.45	152.25	.80		.042	.1	201	19	1
125.35	125.62	As above cut by 1% patchy calcite veining.	FX412579	152.25	153.07	.82		.061	.4	263	60	2
125.62	125.80	As above cut by 1.5 centimetre thick	FX412580	153.07	154.13	1.06		.007	.1	6	40	1
		calcite vein, with angle to core axis of	FX412581	154.13	154.38	.25		.045	.1	8	27	1
		40 degrees, 15% veining.	FX412582	154.38	154.62	.24		.011	.1	8	51	1
125.80	127.05	As above, cut by 1% patchy calcite veining.	FX412583	154.62	155.90	1.28		.003	.1	5	29	1
127.05	127.45	Agglomerate as above, cut by 1% patchy	FX412584	155.90	156.75	.85		.030	.3	27	36	1
		calcite veining.	FX412585	156.75	157.04	.29		.026	.1	20	16	1
127.45	127.85	As above cut by quartz calcite veining,	FX412586	157.04	157.79	.75		.004	.1	6	34	1

**********DESCRIPTION**********

FROM m	TO m	
		patchy and along fractures, up to 2 centimetre thick, 25% veining, angle to core axis 20 degrees to saprolite.
127.85	128.78	Agglomerate as above, cut by rare calcite veinlet, minor local silicification of matrix.
128.78	129.19	As above cut by 2% quartz calcite veining along fractures, saprolite to core axis, up to 4 millimetre thick.
129.19	129.60	Agglomerate as above, well defined clasts, cut by rare calcite veinlets.
129.60	130.41	Agglomerate cut by quartz calcite veining along fractures and patchy , angle to core axis of 15 degrees, veins up to 1 centimetre thick, 10% veining.
130.41	132.07	Agglomerate as above cut by 1% patchy quartz calcite veining.
132.07	132.28	Agglomerate as above cut by 1.5 centimetre thick calcite vein with minor interbanded quartz, angle to core axis of 20 degrees, 15% veining.
132.28	134.30	Agglomerate as above, well defined clasts, with some weak silicification of matrix, cut by up to 2% calcite veining, up to 5 millimetre thick, angle to core axis of 10 degrees.
134.30	136.27	Agglomerate as above, full of porphyritic trachyte clasts, and almost grading into agglomeratic trachyte, relatively massive, and cut by up to 1% patchy calcite veining.
136.27	138.38	Agglomerate as above, cut by 2% patchy calcite veining.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412587	157.79	157.88	.09		.015	.1	6	27	1
FX412588	157.88	159.30	1.42		.021	.4	141	18	1
FX412589	159.30	159.72	.42		.012	.1	3	24	1
FX412590	159.72	160.14	.42		.023	.2	312	29	1
FX412591	160.14	160.28	.14		.033	.8	335	18	2
FX412592	160.28	162.29	2.01		.016	.1	25	33	1
FX412593	162.29	163.72	1.43		.004	.1	15	35	1
FX412594	163.72	165.14	1.42		.002	.1	27	54	1
FX412595	165.14	165.81	.67		.018	.1	4	38	1
FX412596	165.81	166.19	.38		.034	.1	18	31	1
FX412597	166.19	166.29	.10		.018	.5	28	37	1
FX412598	166.29	168.29	2.00		.020	.1	13	156	1
FX412599	168.29	170.30	2.01		.006	.1	20	55	1
FX412600	170.30	172.14	1.84		.001	.1	4	95	1
FX412601	172.14	173.58	1.44		.001	.1	5	54	1
FX412602	173.58	174.47	.89		.035	1.3	9	44	1
FX412603	174.47	174.75	.28		.011	.1	6	47	1
FX412604	174.75	175.02	.27		.020	.1	6	82	1
FX412605	175.02	175.19	.17		.026	1.2	4	89	1
FX412606	175.19	176.48	1.29		.004	.3	7	61	1
FX412607	176.48	177.48	1.00		.005	.1	9	84	1
FX412608	177.48	177.88	.40		.012	.3	77	35	1
FX412609	177.88	178.65	.77		.001	.1	6	43	1

**********DESCRIPTION**********

FROM m	TO m	
138.38	140.36	Agglomerate as above, cut by 3% patchy calcite veining up to 1 centimetre thick, local pervasive ankerite ? alteration of matrix.
140.36	142.70	Agglomerate as above, cut by several chloritic shear fractures and moderately brecciated in places, 4% patchy calcite quartz veining.
142.70	142.90	As above cut by quartz calcite veins up to 3 centimetre thick, with angle to core axis of 40 degrees, 40% veining.
142.90	143.30	As above cut by quartz calcite vein up to 1 centimetre thick, angle to core axis of 45 degrees, 2% veining.
143.30	145.30	Agglomerate as above, cut by 1% patchy calcite veining, up to 5 millimetre thick, relatively massive.
145.30	147.00	As above, cut by 1% patchy calcite quartz veining, local red patchy and diffuse jasperoid alteration of matrix.
147.00	148.63	As above, cut by up to 1% patchy calcite veining, . pervasive moderate jasperoid replacement in top third of interval and patchy in rest.
148.63	148.86	As above cut by quartz calcite with rare pyrite veining, up to 1.5 centimetre thick, with angle to core axis of 60 degrees, 30% veining, 1% pyrite.
148.86	149.15	Agglomerate as above, with local jasperoid replacement.
149.15	149.63	As above cut by 2 quartz calcite veins along fractures, up to 1 centimetre thick,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM m	TO m	
		angle to core axis of 35 degrees, 6% veining.
149.63	151.45	Agglomerate as above, cut by 1% patchy calcite veining, jasperoid replacement common in upper interval.
151.45	152.25	As above cut by quartz calcite fluorite veinlets at 35 degrees and also saprolite to core axis, 8% veining, minor jasperoid replacement of matrix.
152.25	153.07	Agglomerate cut by quartz calcite veins up to 1 centimetre thick, 20% veining, with angles of 20 to 40 degrees to core axis, minor jasperoid replacement near lower contact, some shear veins locally follow shear fractures and are accompanied by minor gouge matrix fault breccia.
153.07	154.13	Agglomerate as above, cut by 1% patchy quartz calcite veining.
154.13	154.38	As above, with moderate jasperoid replacement, cut by 2 quartz veins up to 8 millimetre thick, with angles 40 to 50 degrees to core axis, 8% veining.
154.38	154.62	As above, with minor brecciation at upper contact and at middle of interval, along shear fractures, cut by 10% calcite veining, up to 1.5 centimetre thick, with angle to core axis of 55 degrees.
154.62	155.90	As above, cut by 3% patchy calcite and local fracture controlled veinlets.
155.90	156.75	Agglomerate as above, with minor fault breccia along shear fractures at upper contact and lower contact, cut by 2%

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM m	TO m	
		calcite quartz specularite veining, some silicification of matrix.
156.75	157.04	As above, brecciated, cut by 12% calcite veining, up to 2 centimetre thick, patchy and along fractures with angle to core axis of 30 degrees, jasperoid alteration of clasts common.
157.04	157.79	Agglomerate as above cut by up to 1% patchy calcite veining, jasperoid alteration of matrix common.
157.79	157.88	As above cut by 1 centimetre thick quartz vein at angle of 60 degree to core axis, 10% veining.
157.88	159.30	Agglomerate as above with jasperoid alteration of clasts and matrix locally, cut by 1% patchy calcite and local fracture controlled quartz veins up to 3 millimetre thick.
159.30	159.72	As above, cut by 8% quartz calcite veining up to 1 centimetre thick, with angle to core axis of 45 degrees and 70 degrees.
159.72	160.14	As above, cut by 1% quartz calcite veining, 5 millimetre thick.
160.14	160.28	As above cut by 2 centimetre thick calcite vein with angle to core axis of 50 degrees, 20% veining.
160.28	162.29	As above cut by 2% patchy calcite veining, up to 1 centimetre thick, weak jasperoid alteration of matrix.
162.29	163.72	Agglomerate as above, cut by 1% patchy calcite quartz veining, local jasperoid alteration of matrix.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
163.72	165.14	As above, cut by up to 1% calcite quartz veining, local streaks of jasperoid alteration , jasperoid probably after original pyritic concentrations.										
165.14	165.81	As above, cut by 3% patchy calcite veining, up to 1 centimetre thick, some relict pyrite in jasperoid.										
165.81	166.19	As above cut by 1% quartz veining up to 2 millimetre thick.										
166.19	166.29	As above cut by calcite vein with 2 millimetre quartz core, vein is 3 centimetre thick, with angle to core axis of 50 degrees, 40% veining.										
166.29	168.29	Agglomerate as above, with variably jasperoid alteration, cut by 1% patchy calcite veining.										
168.29	170.30	As above, cut by 1% calcite and quartz veining, up to 5 millimetre thick, with angle to core axis of 50 degrees, local brecciation and some shear fractures with fault breccia.										
170.30	172.14	As above, cut by 1% quartz calcite veining, up to 5 millimetre thick, with angle to core axis of 35 degrees, some local brecciation.										
172.14	173.58	As above.										
173.58	174.47	As above, cut by calcite veining parallel to core axis, more than 5 centimetre thick, 50% veining.										
174.47	174.75	As above cut by 1% calcite veining.										
174.75	175.02	As above cut by calcite veins up to 1 centimetre thick, with angles to core axis										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		of 30 to 40 degrees, the veins outline stoped hanging wall slabs above vein in next interval, the stoped fragments are rectangular in cross section and probably tabular, 20% veining.										
175.02	175.19	Agglomerate cut by massive calcite vein with bladed texture, upper contact and lower contact both at 30 degrees to core axis, 60% veining.										
175.19	176.48	Agglomerate cut by 1% patchy quartz calcite veining up to 5 millimetre thick, locally fractured and healed with siliceous material, local jasperoid replacement and patchy along fractures.										
176.48	177.48	As above, cut by 1% quartz calcite veining up to 3 millimetre thick, 1 centimetre of gouge and fault breccia at lower contact.										
177.48	177.88	As above, cut by calcite fluorite veining up to 2 centimetre thick, with angle to core axis of 40 degrees, 8% quartz calcite veining.										
177.88	178.65	Agglomerate as above, pale greenish gray, local minor jasperoid replacement along fractures, cut by , up to 1% patchy calcite veining.										
178.65	181.05	FAULT										
		This is a shear zone with abundant crush fault breccia and some veining, very complex unit but should be termed a fault.	FX412610	178.65	178.98	.33		.020	.6	11	45	4
			FX412611	178.98	179.35	.37		.007	.1	5	17	1
			FX412612	179.35	179.51	.16		.018	.3	21	21	3
		178.65 178.98 Sheared agglomerate, locally silicified	FX412613	179.51	179.81	.30		.081	1.1	18	43	3

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		and pyritized with some gouge and rock flour matrix fault breccia, up to 5% pyrite, cut by 5% calcite quartz veining, shearing at 40 degrees to core axis.	FX412614	179.81	180.54	.73		.009	.3	7	155	1
			FX412615	180.54	181.05	.51		.042	.8	14	22	5
178.98	179.35	Chloritic agglomerate highly crushed with local shear lensing of fragments, cut by 1% calcite quartz veining.										
179.35	179.51	Crush breccia as above with some quartz vein material clasts, 20% quartz vein clasts.										
179.51	179.81	Pyritic siliceous clasts in gouge and chloritic rock flour matrix, cut by patchy calcite veining, 5% calcite veining, 10% pyrite.										
179.81	180.54	A melange of shear lenses bounded by chloritic and gouge matrix fault breccia, cut by 3% calcite veining, up to 2% pyrite.										
180.54	181.05	Pyritic siliceous clast breccia, with some quartz calcite vein clasts, some shear fractures, 5 to 10% very fine grained pyrite.										
181.05	181.79	TRACHYTE Shear lens of porphyritic trachyte, relatively massive, cut by 1% quartz calcite veining up to 3 millimetre thick.	FX412616	181.05	181.79	.74		.007	.1	5	50	1
181.79	183.76	AGGLOMERATE This interval is highly brecciated and moderately sheared Note that shearing in this hole refers to the brittle	FX412617	181.79	182.15	.36		.053	.1	14	65	2
			FX412618	182.15	183.76	1.61		.004	.1	5	446	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	NO PPM
		domain with abundant fracturing.										
		181.79 182.15 Highly fractured, shear lensing common, some fault breccia with pyritic siliceous clasts and gouge chloritic matrix, shearing at 40 degrees to core axis, up to 5% pyrite.										
		182.15 183.76 Agglomerate as above, highly fractured, with crush zone features including shear fractures, up to 1% pyrite, chloritic.										
183.76	184.52	FAULT										
		Crushed agglomerate, with local shear lensing, fragments supported in gouge, rock flour, and chloritic matrix, cut by 1% patchy calcite veining.	FX412619	183.76	184.52	.76		.006	.3	12	91	1
184.52	188.01	AGGLOMERATE										
		184.52 185.69 Agglomerate, weakly sheared, chloritic, with local jasperoidal alteration near lower contact.	FX412620	184.52	185.69	1.17		.009	.1	10	22	1
			FX412621	185.69	185.84	.15		.017	.1	24	149	2
			FX412622	185.84	186.80	.96		.009	.2	10	54	1
		185.69 185.84 Agglomerate as above, with patchy brecciated quartz vein material, up to 3 centimetre thick, 30% veining.	FX412623	186.80	187.34	.54		.036	.3	12	21	2
			FX412624	187.34	188.01	.67		.005	.3	8	24	1
		185.84 186.80 Agglomerate cut by 2% patchy calcite and quartz veining up to 1 centimetre thick, up to 1% pyrite, moderately fractured.										
		186.80 187.34 Highly sheared agglomerate, with pyritized matrix locally, and some local quartz vein material clasts, pyrite very difficult to identify but probably more than 20 %.										

FROM m	TO m	DESCRIPTION
	187.34 188.01	As above, with abundant shear lensing, but less pyrite and more chloritic, up to 2% pyrite, fissile.
188.01 196.29		TUFF
		Felsic ash flow tuff with moderately welded chloritic fiamme, commonly several millimetre to 1 centimetre long
	188.01 189.56	Felsic ashflow, tuff, hematitic, dark brown red at upper contact, with some large agglomerate clasts, near upper contact, but generally contains trachyte porphyry fragments in the order of up to 1 centimetre long, and chloritic fiamme are abundant or in the order of 20%, grades from red colour in top half to pale green at lower contact, cut by up to 1% patchy calcite veining.
	189.56 191.56	Tuff as above, homogeneous, cut by up to 1% calcite quartz veining, local hairline chlorite along fractures near upper contact
	191.56 193.56	As above with hairline chlorite along fractures throughout, pale green colour as is interval for 189.56.
	193.56 195.56	As above, homogeneous, cut by up to 1% veining.
	195.56 196.29	Ashflow tuff as above, homogeneous, up to 1% patchy veining FOOT OF BH 72478-0 @ 196.29 metres.

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412625	188.01	189.56	1.55		.001	.1	4	53	1
FX412626	189.56	191.56	2.00		.003	.1	2	27	2
FX412627	191.56	193.56	2.00		.002	.1	6	27	4
FX412628	193.56	195.56	2.00		.001	.1	3	29	1
FX412629	195.56	196.29	.73		.005	.1	2	29	1

**********INCO LIMITED**********

FIELD EXPLORATION DIAMOND DRILL LOG

PROJECT	:	LATITUDE	: 54.0 m	NTS SHEET #	: 82E-6W	STARTED	: 2 April,1989
PROPERTY	: Gold Option	DEPARTURE	: -32.0 m	TOWNSHIP	:	COMPLETED	: 6 April,1989
BOREHOLE	: 72479-0	ELEVATION	: 1431.0 m	PROVINCE	: B.C.	MEASUREMENTS	: m
AZIMUTH	: .0	BL AZIMUTH	: 000 degrees	COUNTRY	: Canada	DRILLED BY	: Beaupre Diamond Drillin
DIP	: -90.0	GRID BEARING	:	CLAIM #	: GOLD	DRILL TYPE	: Longyear 38
DEPTH	: 253.6 m	LOGGED BY	: J.A. Morin	GRID NAME	:	TEST METHOD	: Acid etch tube
				CORE SIZE	: NQWL	ASSAYED FOR	: Acme Analytical - ICP &

COMMENTS : Measured from N-S baseline
None

LEFT IN HOLE:Nothing left in hole

********DEVIATION RECORDS********

DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP	DEPTH	AZIM	DIP
63.40	.0	-90.00	154.83	.0	-89.50	227.37	.0	-90.00			

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
.00	2.44	CASING										
			NS	.00	2.44	2.44		n/a	n/a	n/a	n/a	n/a
2.44	2.79	OVERBURDEN										
			FX412630	2.44	2.79	.35		.040	.2	16	43	3
2.79	12.95	REGOLITH										
		Agglomerate regolith with abundant hematite alteration	FX412631	2.79	4.57	1.78		.037	.3	36	43	8
		locally and along fractures.	FX412632	4.57	6.40	1.83		.035	.3	32	34	8
		Comment the hematitic zones are probably oxidized	FX412633	6.40	8.53	2.13		.081	1.3	46	29	3
		originally chloritic shear fractures.	FX412634	8.53	10.97	2.44		.075	.9	50	29	2
		2.79 4.57 Brown red regolith, all broken core and	FX412635	10.97	12.95	1.98		.052	.4	23	25	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		hematitic clay soil, weakly argillically altered agglomerate clasts in hematitic clay matrix.										
	4.57 6.40	As above, but hematitic clay restricted to a few several centimetre thick zones, agglomerate is locally pervasive replaced by hematitic clay.										
	6.40 8.53	As above, with abundant hematitic core pebbles at upper contact to 7.01, rest of interval is locally crushed agglomerate with hematitic matrix, clasts are pale yellow green, and weakly clay altered.										
	8.53 10.97	As above, with several centimetre thick zones of hematitic clay separating more competent areas of broken locally brecciated agglomerate										
	10.97 12.95	Abundant broken core, regolith as above, basically pale green agglomerate cut by numerous zones of hematitic gouge.										
12.95	42.48	AGGLOMERATE										
		Comment clasts are conspicuously green in a red matrix.	FX412636	12.95	14.86	1.91		.020	.1	5	19	1
	12.95 14.86	As above, abundant broken core, and locally	FX412637	14.86	16.76	1.90		.032	.4	11	24	1
		some core sand as at 13.50, but rock is	FX412638	16.76	18.29	1.53		.041	.7	8	28	1
		generally pale green in colour.	FX412639	18.29	18.90	.61		.035	.4	8	20	1
	14.86 16.76	Agglomerate as above, abundant broken core,	FX412640	18.90	19.85	.95		.023	.2	7	21	1
		fractures and size of core commonly	FX412641	19.85	20.24	.39		.025	.2	10	16	1
		hematite coated, cut by up to 1% quartz and	FX412642	20.24	20.92	.68		.018	.3	15	21	2
		calcite veining.	FX412643	20.92	21.40	.48		.042	.1	11	25	1
	16.76 18.29	Agglomerate as above, abundant broken core,	FX412644	21.40	22.34	.94		.059	1.3	104	26	1
		some core sand at 17.37, cut by up to 1%	FX412645	22.34	22.82	.48		.023	.3	16	26	1
		quartz calcite veining, minor local gray	FX412646	22.82	24.15	1.33		.010	.1	9	37	1

**********DESCRIPTION**********

FROM m	TO m	
		silicification.
18.29	18.90	Agglomerate as above, abundant broken core, cut by white quartz vein more than 5 millimetre thick parallel to core axis, 2% quartz veining, core pebbles common at lower contact.
18.90	19.65	Agglomerate as above, less broken up, but some broken core, hematitic hairline fractures common.
19.65	20.24	As above, broken agglomerate, highly fractured, brecciated at upper contact, cut by brecciated quartz vein parallel to core axis, and also at 70 degrees to core axis, vein consist of broken quartz vein clasts and associated hematite more than 1 centimetre thick, within a shear fracture , 4% veining.
20.24	20.92	Agglomerate as above, cut by 2% quartz veining up to 8 millimetre thick, sinusoidal aspect, smeared out agglomerate.
20.92	21.40	Agglomerate as above cut by quartz vein up to 1.5 centimetre thick with hematitic core and envelope, angles to core axis are 30 degrees and 150 degrees, vein is sinusoidal, matrix is locally hematite altered.
21.40	22.34	Agglomerate as above, with strong hematite replacement of matrix, cut by up to 1% quartz calcite veining.
22.34	22.82	As above cut by quartz vein with hematite core and hematite envelope, 1 centimetre thick, 8% veining, sinusoidal vein at

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412647	24.15	25.48	1.33		.047	.1	11	20	1
FX412648	25.48	26.17	.69		.064	.5	10	17	1
FX412649	26.17	26.38	.21		.088	.4	6	15	1
FX412650	26.38	28.09	1.71		.107	.2	5	15	1
FX412651	28.09	29.33	1.24		.230	.3	8	16	1
FX412652	29.33	29.60	.27		.008	.1	7	31	1
FX412653	29.60	31.78	2.18		.023	.2	5	26	1
FX412654	31.78	32.00	.22		.016	.1	2	36	1
FX412655	32.00	33.00	1.00		.046	.1	3	17	1
FX412656	33.00	33.21	.21		.101	.5	6	13	1
FX412657	33.21	35.17	1.96		.080	.1	4	18	1
FX412658	35.17	37.19	2.02		.050	.5	4	27	1
FX412659	37.19	39.59	2.40		.011	.1	4	17	1
FX412660	39.59	39.90	.31		.020	.3	4	16	1
FX412661	39.90	41.20	1.30		.019	.3	2	21	1
FX412662	41.20	41.82	.62		.027	.4	3	15	1
FX412663	41.82	42.20	.38		.011	.1	2	21	1
FX412664	42.20	42.48	.28		.008	.1	2	29	1

FROM m	TO m	DESCRIPTION
		angles of 20 degrees and 120 degrees to core axis.
22.82	24.18	Agglomerate as above, highly brecciated in upper half, local fault breccia with hematite matrix at lower contact with angle to core axis of 20 degrees.
24.18	25.48	As above, with abundant hematite replacement of matrix, and much smearing of agglomerate.
25.48	26.17	Agglomerate as above, with hematite replacement of matrix common, cut by 1% quartz veining up to 3 millimetre thick.
26.17	26.38	As above cut by 5 millimetre thick quartz veinlets parallel to core axis, 6% veining.
26.38	28.09	Agglomerate as above, with chloritic matrix, local shear fault breccia fractures at 20 degrees to core axis, cut by up to 1% calcite veining.
28.09	29.33	As above.
29.33	29.60	As above cut by 1 centimetre thick quartz vein with calcite core, angle to core axis of 40 degrees, 8% veining.
29.60	31.78	Agglomerate as above, but highly tectonized, local hematite replacement of matrix, some broken core, and some crushing along shear fractures, cut by rare veining.
31.78	32.00	Agglomerate as above cut by 5 millimetre thick calcite vein, with angle to core axis of 10 degrees 6% veining.
32.00	33.00	Agglomerate as above, cut by up to 1% patchy calcite veining, matrix is chloritic and tuffaceous.
33.00	33.21	As above cut by quartz calcite vein up to 1

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM m	TO m	
		centimetre thick, 6% veining, vein parallel to core axis and also 45 degrees to core axis.
33.21	35.17	Agglomerate as above, cut by 1% patchy calcite and quartz veining up to 6 millimetre thick, chloritic tuffaceous matrix, some broken core pebbles at upper contact.
35.17	37.19	Agglomerate as above, up to 1% veining.
37.19	39.59	Agglomerate as above, getting into more of a lapilli tuff type with mottled patchy chloritic clasts with very pale green clasts also, clasts are still recognizable but swirly in places, cut by up to 1% quartz calcite veining.
39.59	39.90	As above cut by quartz calcite vein up to 8 millimetre thick, parallel to core axis, 9% veining.
39.90	41.20	As above cut by 1% quartz calcite veining, hematite locally along fractures.
41.20	41.82	As above cut by quartz calcite vein up to 1 centimetre thick with angle to core axis of 20 degrees to saprolite, vein is displaced locally along slips at 90 degrees to core axis, near lower contact vein is sinusoidal, 8% veining.
41.82	42.20	As above, cut by rare veinlets.
42.20	42.48	As above cut by 6% calcite veining up to 4 millimetre thick, with angle to core axis of 20 degrees.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
42.48	45.45	LAPILLI TUFF										
	42.48 43.91	Lapilli tuff -like agglomerate as above, cut by 1% calcite veining up to 2 millimetre thick.	FX412665	42.48	43.91	1.43		.033	.4	2	16	1
			FX412666	43.91	44.23	.32		.069	2.3	14	20	1
			FX412667	44.23	44.58	.35		.797	2.6	13	21	2
	43.91 44.23	Agglomerate, less chloritic than above, and contains oval to teardrop shaped clasts, some of which are intense silicified to medium gray, clast supported breccia agglomerate.	FX412668	44.58	44.90	.32		.192	1.7	5	11	1
			FX412669	44.90	45.45	.55		.034	1.5	4	21	1
	44.23 44.58	As above, cut by brecciated white quartz vein and also cut by medium gray dull crypto crystalline quartz with some internal vein graded bedding, 18% veining, up to 1 centimetre thick, vein is saprolite to 20 degrees to core axis.										
	44.58 44.90	Green lapilli tuff as above, cut by rare veining.										
	44.90 45.45	Lapilli tuff cut by dull medium gray crypto crystalline quartz vein up to 1.5 centimetre thick, with angle to core axis of 30 degrees, 8% veining, some size grading within vein, also cut by white patchy calcite veinlets and local intense silicification.										
45.45	58.95	AGGLOMERATE										
	45.45 47.22	Back into traditional trachyte agglomerate, pale green colour, with gouge fault breccia at upper contact, some broken core, cut by 1% patchy calcite veining.	FX412670	45.45	47.22	1.77		.010	.1	6	25	1
			FX412671	47.22	48.70	1.48		.003	.1	7	20	1
			FX412672	48.70	51.45	2.75		.001	.1	2	15	1
			FX412673	51.45	54.46	3.01		.002	.1	2	15	1
	47.22 48.70	Trachyte agglomerate as above, with local	FX412674	54.46	56.54	2.08		.001	.1	3	35	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		crushing and fault breccia, cut by 1% patchy calcite veining.	FX412675	56.54	57.15	.61		.002	.1	2	18	1
			FX412676	57.15	57.26	.11		.001	.1	4	31	1
48.70	51.45	Moderately to highly sheared agglomerate, with chloritic fault breccia along shear fractures common, cut by up to 1% patchy calcite veining.	FX412677	57.26	58.95	1.69		.002	.1	4	20	1
51.45	54.46	As above, moderately to highly sheared.										
54.46	56.54	Agglomerate as above, moderately sheared, with local chloritic matrix with some fragments totally chloritic and fissile, cut by 1% calcite veining.										
56.54	57.15	As above, fissile and chloritic at lower contact, cut by up to 1% calcite.										
57.15	57.26	As above cut by patchy quartz calcite veins up to 1 centimetre thick, 10% veining.										
57.26	58.95	Agglomerate as above, with conjugate crush shear fractures each at 45 degrees and 135 degrees to core axis, cut by 1% patchy calcite veining.										
58.95	63.33	CONGLOMERATE										
58.95	60.13	Polymictic buff colour to pale green volcanic conglomerate with clasts within dark brownish black mudstone matrix, matrix supported, highly sheared fissile in lower half of interval, locally intensely silicified clasts, clasts range from 2 millimetre to 2 centimetre.	FX412678	58.95	60.13	1.18		.019	.1	9	20	1
			FX412679	60.13	61.07	.94		.001	.1	6	14	1
			FX412680	61.07	63.33	2.26		.002	.1	4	12	1
60.13	61.07	Conglomerate as above, but abundant crush brecciated with gouge rock flour and chlorite matrix, cut by 1% patchy calcite										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		veining.										
	61.07 63.33	Conglomerate as above weakly to moderately sheared, some crush breccia from 62.79 to 62.96, cut by up to 1% patchy calcite veining										
63.33	63.87	FAULT										
		Intense crush breccia with chlorite gouge and rock flour matrix.	FX412681	63.33	63.87	.54		.001	.1	5	15	5
63.87	64.71	MUDSTONE										
		Mudstone conglomerate, rock varies from mud to sand to pebble size clasts, black argillaceous matrix, intensely sheared near upper contact, intensely silicified at upper contact and that 4 centimetre portion is fractured and cut by calcite veins, up to 1% calcite veining.	FX412682	63.87	64.71	.84		.004	.7	7	14	5
64.71	138.10	AGGLOMERATE										
		Typical trachyte agglomerate, pale green.	FX412683	64.71	65.84	1.13		.005	.1	3	17	1
		Includes 5 millimetre quartz vein with black hairline envelope.	FX412684	65.84	66.89	1.05		.009	.2	3	13	1
			FX412685	66.89	68.33	1.44		.077	.4	4	17	1
	64.71 65.84	Agglomerate as above, relatively massive,	FX412686	68.33	70.00	1.67		.010	.1	3	23	1
		with equant clasts, cut by up to 1% calcite	FX412687	70.00	70.11	.11		.016	.1	7	803	1
		veining, up to 2 millimetre thick and	FX412688	70.11	72.11	2.00		.013	.1	2	73	1
		parallel to core axis.	FX412689	72.11	75.13	3.02		.003	.2	5	82	1
	65.84 66.89	As above cut by a continuous quartz veinlet	FX412690	75.13	78.18	3.05		.001	.1	5	40	1
		up to 3 millimetre thick, and parallel to	FX412691	78.18	80.84	2.66		.005	.1	4	122	1
		core axis, 3% calcite veining.	FX412692	80.84	83.84	3.00		.082	.1	3	84	1
	66.89 68.33	Agglomerate as above, cut by 1% calcite	FX412693	83.84	85.77	1.93		.048	.1	2	85	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		veining up to 3 millimetre thick, patchy.	FX412694	85.77	86.25	.48		.020	.1	3	70	1
68.33	70.00	As above, up to 1% calcite veining, trachyte	FX412695	86.25	89.15	2.90		.004	.1	6	48	1
		fragments in tuffaceous trachyte tuff matrix.	FX412696	89.15	92.15	3.00		.010	.1	3	79	1
70.00	70.11	As above cut by quartz calcite veining up to	FX412697	92.15	94.96	2.81		.003	.1	3	79	1
		2 centimetre thick, angle to core axis of 30	FX412698	94.96	96.05	1.09		.002	.1	5	104	1
		degrees 25% veining.	FX412699	96.05	97.76	1.71		.007	.1	2	49	1
70.11	72.11	Agglomerate as above, well defined clasts,	FX412700	97.76	98.35	.59		.004	.1	3	37	1
		1% calcite veining.	FX412701	98.35	99.26	.91		.005	.3	6	65	1
72.11	75.13	Agglomerate as above, monomictic trachyte	FX412702	99.26	100.98	1.72		.007	.2	3	72	1
		clasts with rare but real exotic foreign	FX412703	100.98	101.25	.27		.059	.4	5	94	1
		clasts, this is a volcanic clastic rock for	FX412704	101.25	101.55	.30		.048	.3	4	55	1
		sure with almost solely trachyte clasts in	FX412705	101.55	101.67	.12		.189	.8	3	57	1
		a trachytic tuff matrix, cut by 2% patchy	FX412706	101.67	102.13	.46		.006	.3	2	30	1
		calcite veining up to 1 centimetre thick.	FX412707	102.13	102.90	.77		.004	.2	5	96	1
75.13	78.18	As above.	FX412708	102.90	105.94	3.04		.005	.3	3	67	1
78.18	80.84	Agglomerate as above cut by 1% patchy quartz	FX412709	105.94	108.81	2.87		.001	.1	3	94	1
		calcite veining.	FX412710	108.81	111.95	3.14		.001	.2	4	136	1
80.84	83.84	Agglomerate as above with weakly hematitized	FX412711	111.95	112.49	.54		.001	.1	6	435	1
		clasts, to give mottled green and pink	FX412712	112.49	115.49	3.00		.002	.1	4	54	1
		colour, cut by 1% patchy calcite veining.	FX412713	115.49	118.49	3.00		.002	.1	3	41	1
83.84	85.77	As above, cut by 1% patchy calcite veining,	FX412714	118.49	120.67	2.18		.003	.1	2	107	1
		good recognizable clasts, some weakly	FX412715	120.67	122.89	2.22		.019	.4	31	44	1
		hematitized.	FX412716	122.89	123.14	.25		1.575	1.9	67	168	1
85.77	86.25	As above cut by 6% patchy calcite veining,	FX412717	123.14	123.42	.28		.290	1.5	101	57	1
		up to 1 centimetre thick.	FX412718	123.42	124.11	.69		.014	.4	53	127	1
86.25	89.15	As above, weakly hematitized clasts and	FX412719	124.11	125.28	1.17		.013	.5	80	28	1
		matrix locally, cut by up to 1% patchy	FX412720	125.28	128.28	3.00		.005	.4	6	44	1
		calcite veining.	FX412721	128.28	131.28	3.00		.010	.3	14	46	1
89.15	92.15	Agglomerate as above, well defined clasts in	FX412722	131.28	134.28	3.00		.003	.2	5	32	1
		contrast to matrix, cut by 1% patchy	FX412723	134.28	136.96	2.68		.005	.1	3	49	1
		calcite veining.	FX412724	136.96	138.10	1.14		.006	.2	9	23	1
92.15	94.96	Agglomerate as above, cut by 1% calcite										

**********DESCRIPTION**********

FROM m	TO m	
		veining up to 1 centimetre thick.
94.96	96.05	As above cut by 2% patchy calcite veining.
96.05	97.76	As above, well defined recognizable clasts, cut by up to 1% patchy calcite veining.
97.76	98.35	Agglomerate as above cut by 3% patchy calcite veining.
98.35	99.26	As above cut by up to 1% patchy calcite veining.
99.26	100.99	Agglomerate with well defined clasts, cut by 4% patchy calcite veining up to 1.5 centimetre thick.
100.99	101.25	As above cut by white pale green quartz vein with minor calcite, some vein clasts within vein breccia, vein is saprolite to core axis and is sinusoidal and more than 3 centimetre thick, 25% veining.
101.25	101.55	Agglomerate as above, well defined clasts, cut by 2% quartz calcite veining.
101.55	101.67	As above cut by quartz calcite vein, 1 centimetre thick, angle to core axis of 45 degrees, 10% veining.
101.67	102.13	Agglomerate as above, cut by up to 1% calcite veining.
102.13	102.90	As above cut by 4% patchy calcite quartz veining, up to 1 centimetre thick.
102.90	105.94	Agglomerate as above, some chloritic shearing with minor fault breccia at 103.94, cut by 1% patchy calcite veining, polymictic.
105.94	108.81	Agglomerate as above cut by 1% patchy calcite veining up to 1 centimetre thick, good recognizable clasts.

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

**********DESCRIPTION**********

FROM m	TO m	
108.81	111.95	Agglomerate as above cut by 1% patchy calcite veining.
111.95	112.49	As above cut by 8% quartz calcite veining with local lamination in quartz veining, all patchy, up to 2 centimetre thick.
112.49	115.49	As above, cut by up to 1% patchy calcite veining.
115.49	118.49	As above, cut by 1% patchy calcite veining up to 1 centimetre thick.
118.49	120.67	Agglomerate as above cut by 1% quartz calcite veining up to 6 millimetre thick, local chloritic shear fracture.
120.67	122.89	Agglomerate as above cut by up to 1% patchy calcite veining, moderately sheared and chloritic at lower contact.
122.89	123.14	As above cut by 30% patchy quartz calcite veining, up to 3 centimetre thick, patchy, veins and vein breccia.
123.14	123.42	As above cut by quartz calcite veining, patchy clast crowded vein breccia up to 3 centimetre thick, 5% veining.
123.42	124.11	Chloritic agglomerate as above, cut by 4 quartz veins from 1 to 3 centimetre thick, quartz calcite veins, with angles to core axis of 45 to 50 degrees and also sinusoidal saprolite to core axis, 9% veining.
124.11	125.28	Agglomerate as above, cut by 6% quartz calcite veining, up to 1 centimetre thick, with angle to core axis of saprolite, 25 degrees and 45 degrees.
125.28	128.28	As above with good definition of clasts,

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION
		cut by 2% patchy calcite veining up to 1 centimetre thick.
128.28	131.28	As above.
131.28	134.28	Agglomerate as above, cut by 2% patchy calcite veining up to 1 centimetre thick.
134.28	136.96	Agglomerate as above, cut by 2% patchy. calcite veining up to 1 centimetre thick.
136.96	138.10	As above but highly sheared and fissile, abundant broken core along shear foliation, foliation at 45 degrees to core axis, some gouge and fault breccia.
138.10	158.00	LAPILLI TUFF
138.10	141.10	This agglomerate is made up of clasts of trachyte composition but with chloritic phenocrysts rather than abundant feldspar phenocrysts as in unit above, clasts are weak pink within pale green matrix, and cut by 1% patchy calcite veining, relatively massive rock.
141.10	144.12	Felsic to intermediate lapilli tuff, pale green, with chloritic fiamme partly welded, and cut by 1% quartz calcite veining up to 1 centimetre thick, with angle to core axis of 30 degrees, relatively homogeneous, and may be correlated with felsic tuff and also lapilli tuff in other boreholes.
144.12	146.93	Lapilli tuff as above, cut by 1% patchy quartz calcite veining.
146.93	149.74	Lapilli tuff as above, variably welded,

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412725	138.10	141.10	3.00		.001	.1	5	22	1
FX412726	141.10	144.12	3.02		.001	.1	5	87	1
FX412727	144.12	146.93	2.81		.009	.2	6	13	1
FX412728	146.93	149.74	2.81		.001	.1	2	19	1
FX412729	149.74	149.99	.25		.002	.1	2	126	1
FX412730	149.99	151.79	1.80		.002	.1	5	24	1
FX412731	151.79	152.05	.26		.002	.1	2	27	1
FX412732	152.05	154.34	2.29		.001	.1	2	43	1
FX412733	154.34	154.64	.30		.001	.1	4	526	1
FX412734	154.64	155.58	.94		.002	.1	5	55	1
FX412735	155.58	155.80	.22		.001	.1	3	33	1
FX412736	155.80	158.00	2.20		.001	.1	2	30	1

**********DESCRIPTION**********

FROM m	TO m	
		some lithic clasts tend to be equant whereas others are considerably flattened, flow foliation at 60 degrees to core axis, cut by 1% patchy calcite veining.
149.74	149.99	As above cut by quartz calcite vein breccia up to 4 centimetre thick, with angle to core axis of 55 degrees, 20% veining.
149.99	151.79	Lapilli tuff as above, at upper contact flow foliation is at 130 degrees to core axis when compared to attitude of vein in interval above, cut by 1% quartz calcite veining up to 5 millimetre thick, including gray dull cryptocrystalline quartz.
151.79	152.05	As above cut by quartz calcite veining up to 1 centimetre thick, with angles of 70 degrees 150 degrees to core axis, 6% veining.
152.05	154.34	Lapilli tuff as above, moderately welded, cut by up to 1% patchy calcite veining.
154.34	154.64	As above cut by 5% quartz calcite veining up to 1 centimetre thick, angle to core axis of 35 degrees.
154.64	155.58	Lapilli tuff as above, cut by 1% quartz calcite veining up to 5 millimetre thick.
155.58	155.80	As above cut by quartz veins with minor calcite and with 1 to 3 millimetre laminations, veins up to 1 centimetre thick, angle to core axis of 35 degree, 15% veining.
155.80	158.00	Lapilli tuff as above, cut by 1% quartz

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		calcite veining up to 3 millimetre thick.										
158.00	158.62	FAULT Fault breccia with shear lensing of lapilli tuff, gouge and rock flour matrix fault breccia along shear fractures.	FX412737	158.00	158.62	.62		.001	.3	5	35	1
158.62	170.67	LAPILLI TUFF This is pale green felsic tuff with same composition as lapilli tuff above , but large clasts are not as common, though locally they do occur , chloritic fiamme present as in lapilli tuff above, grades between tuff and lapilli tuff. Patchy calcite veining. 158.62 159.92 Lapilli tuff as above, cut by up to 1% patchy calcite veining. 159.92 160.04 As above cut by patchy quartz calcite vein up to 1.5 centimetre thick, 10% veining. 160.04 160.65 As above, cut by up to 1% patchy calcite veining. 160.65 160.88 As above cut by stockwork of quartz calcite veins up to 5 millimetre thick, 20% veining. 160.88 161.29 As above, with perhaps some auto brecciation, cut by up to 1% calcite veining, chlorite along shear fractures. 161.29 161.40 As above cut by 1 centimetre thick calcite vein at 90 degrees to core axis, 12% veining. 161.40 163.56 Looking more like ash flow tuff, cut by 1%	FX412738	158.62	159.92	1.30		.060	.1	5	26	1
			FX412739	159.92	160.04	.12		.014	.1	7	33	1
			FX412740	160.04	160.65	.61		.003	.2	10	38	1
			FX412741	160.65	160.88	.23		.013	.1	9	22	1
			FX412742	160.88	161.29	.41		.001	.1	6	82	1
			FX412743	161.29	161.40	.11		.004	.1	11	34	1
			FX412744	161.40	163.56	2.16		.005	.1	6	24	1
			FX412745	163.56	163.68	.12		.007	.1	8	22	1
			FX412746	163.68	166.34	2.66		.001	.2	8	29	1
			FX412747	166.34	167.84	1.50		.003	.1	2	24	1
			FX412748	167.84	168.71	.87		.007	.1	13	27	1
			FX412749	168.71	170.67	1.96		.005	.1	8	20	1

FROM m	TO m	DESCRIPTION
		patchy quartz calcite veining, up to 5 millimetre thick.
163.56	163.68	As above cut by 2 centimetre thick jasperoid quartz calcite vein with angle to core axis of 90 degrees, 25% veining.
163.68	166.34	Tuff as above, with gouge and fault breccia 20 centimetre at 166.00, cut by 1% %.
166.34	167.84	Lapilli tuff as above, cut by 1% patchy calcite veining.
167.84	168.71	Lapilli tuff as above with abundant angular non welded clasts, local lensy disseminated pyrite replacements, heterolithic, 2% pyrite, cut by up to 1% patchy calcite veining.
168.71	170.67	Lapilli tuff as above, with some jasperoidal replaced clasts in lower half, local shear fractures common, clasts are relatively equant.
170.67	239.42	DIKE
		Feldspar porphyritic dike with 2 millimetre feldspar phenocrysts, 20%, relatively homogeneous, varying between buff gray colour and a pinkish brown colour due to oxidization.
170.67	171.20	Contact zone with strongly developed foliation at 55 degrees to core axis, sharp contact with tuff slightly embayed igneous intrusive contact, 1 centimetre gouge shear fracture at 170.77, cut by patchy quartz calcite veinlets up to 2

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
FX412750	170.67	171.20	.53		.008	.3	5	38	2
FX412751	171.20	174.20	3.00		.010	.1	2	560	3
NS	174.20	175.01	.81		n/a	n/a	n/a	n/a	n/a
FX412752	175.01	175.16	.15		.013	.2	3	43	2
NS	175.16	209.28	34.12		n/a	n/a	n/a	n/a	n/a
FX412753	209.28	209.88	.60		.001	.4	2	253	1
FX412754	209.88	211.25	1.37		.001	.1	2	30	1
FX412755	211.25	211.94	.69		.001	.1	2	27	1
FX412756	211.94	213.00	1.06		.001	.5	2	49	1
FX412757	213.00	214.75	1.75		.003	.1	2	236	1

**********DESCRIPTION**********

FROM m	TO m	
		millimetre thick, 2%.
171.20	174.20	Dike as above, with weakly developed foliation near upper contact, local zones contaminated with sub-centimeter xenoliths of volcanics.
174.20	175.01	As above but with no foliation, relatively massive and homogeneous.
175.01	175.16	As above cut by 2 centimetre thick calcite vein, with angle to core axis of 55 degrees, 12% veining.
175.16	209.78	As above, homogeneous, with local zones of weak pale pink oxidization, locally fractured with chlorite and gouge and 2 millimetre thick calcite veins along fractures , crush breccia zone from 197.80 to 198.30 metres, minor crush breccia from 205.52 to 205.58 metres.
209.78	209.88	Moderately fractured porphyritic felsic dike as above, cut by 1.5 centimetre thick calcite vein with angle to core axis of 80 degrees, 15% veining.
209.88	211.25	Dike as above, moderately fractured with hairline chlorite or biotite along fractures, rare calcite veining.
211.25	211.94	As above with 6 to 10 centimetre wide zones of medium gray colour within overall buff pale gray dike, darker colour may be due to weak silicification or to very fine grained biotite alteration, moderately fractured as above, up to 1% calcite veining.
211.94	213.00	Porphyritic dike as above, cut by several

**********ANALYSES**********

SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
NS	214.75	233.24	18.49		n/a	n/a	n/a	n/a	n/a
FX412758	233.24	233.70	.46		.052	.2	6	57	2
FX412759	233.70	236.70	3.00		.004	.1	2	705	1
FX412760	236.70	239.42	2.72		.004	.2	7	42	2

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		shear fault breccias in lower half of interval, abundant broken core in lower half, shows crush breccia textures.										
213.00	214.75	Typical dike moderately fractured pale gray to buff to pale pink, cut by 1% patchy calcite veining along shear fractures, relatively homogeneous and typical of moderately fractured dike above&below this interval.										
214.75	233.24	Relatively homogeneous porphyritic dike, moderately fractured as above, minor gouge breccia at 220.50 to 220.70, more gouge breccia from 226.45 to 226.60 metres and 226.70 to 226.75 metres and 226.90 to 227.00 metres.										
233.24	233.70	Dike as above cut by 4% calcite veining, up to 5 millimetre thick, patchy.										
233.70	236.70	Dike as above, cut by 1% patchy calcite veining up to 5 millimetre thick.										
236.70	239.42	Dike as above, but with more crushing and shear lensing especially in lower interval, cut by 1% calcite veining.										
239.42	240.15	FAULT Felsic porphyritic dike is highly brecciated and sheared with abundant shear lensing near lower contact, abundant gouge and rock flour matrix breccia at lower contact, shearing is at 70 to 90 degrees to core axis, dike cut by 2% patchy calcite veining, veining is discordant in upper half but in lower half is concordant with shearing.	FX412761	239.42	240.15	.73		.006	.1	13	134	1

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
240.15	242.02	BRECCIA This is the chlorite breccia at the top of the lower plate of the core complex. 240.15 241.14 Chlorite breccia, with flaser shearing and very chlorite rich throughout, local quartz feldspar clasts near lower contact, cut by 4% calcite veins up to 6 millimetre thick and concordant with shearing, upper 20 centimetre of interval is gray green colour in contrast to green colour in rest of interval, shearing at 85 degrees to core axis. 241.14 242.02 Chloritized amphibolite is highly sheared and contains quartz pegmatite lenses up to 15 centimetre thick, lenses are highly fractured and enclosed in highly sheared amphibolite matrix, lenses form 60% of rock and are probably derived from original ptygmatic quartz rich pegmatite lenses, cut by 1% calcite veining concordant with shearing.	FX412762	240.15	241.14	.99		.001	.2	5	267	1
			FX412763	241.14	242.02	.88		.002	.1	3	43	1
242.02	243.00	AMPHIBOLITE Amphibolite cataclasite has foliation with angle to core axis of 60 degrees and is cut by hairline epidote veinlets also up to 3 millimetre quartz calcite veinlets	FX412764	242.02	243.00	.98		.001	.4	4	34	2
243.00	243.37	BRECCIA										

FROM (m)	TO (m)	DESCRIPTION	SAMPLE#	FROM (m)	TO (m)	LENGTH (m)	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		Highly sheared amphibolite with shear lenses of quartz feldspar pegmatite up to 4 centimetre thick, 40% lenses.	FX412765	243.00	243.37	.37		.001	.2	8	182	1
243.37	244.65	AMPHIBOLITE										
		Amphibolite with variable foliation from parallel to core axis to 45 degrees to core axis, cut by hairline epidote veinlets but up to above amphibolite interval and also contains 1.5 centimetre thick quartz vein with minor feldspar near lower contact, vein concordant with foliation at 45 degrees to core axis.	FX412766	243.37	244.65	1.28	.	.001	.4	2	81	1
244.65	245.28	PEGMATITE										
		Feldspar pegmatite, 40% quartz, 60% pink feldspar, highly fractured and cross cut by hairline epidote veinlets, 2% epidote veining.	FX412767	244.65	245.28	.63		.001	.1	2	11	2
245.28	253.58	AMPHIBOLITE										
		Dark gray to black medium to coarse grained amphibolite with variable textures from medium grained to coarse grained and cut by pegmatitic dikelets.	FX412768	245.28	248.56	3.28		.001	.3	2	18	1
			FX412769	248.56	249.32	.76		.001	.4	2	19	1
			FX412770	249.32	250.76	1.44		.003	.2	3	72	1
		245.28 248.56 Amphibolite as above, with patches of pegmatite up to 3 centimetre across, cut by up to 1% hairline to 1 millimetre epidote veining, foliation is saprolite to core axis for main part, but locally is at 90 degrees to core axis, variable foliation.	FX412771	250.76	251.06	.30		.002	.3	2	10	2
			FX412772	251.06	253.58	2.52		.001	.1	3	62	1
		248.56 249.32 Amphibolite as above cut by several dikelets of pegmatite, cut by hairline										

FROM m	TO m	DESCRIPTION	SAMPLE#	FROM m	TO m	LENGTH m	MIN %	AU PPM	AG PPM	AS PPM	BA PPM	MO PPM
		epidote veinlets, 1% veining, pegmatite 10% of interval, varying from saprolite to core axis to 30 degrees to core axis, and generally concordant with foliation.										
249.32	250.76	As above amphibolite, with foliation at saprolite to core axis.										
250.76	251.06	Amphibolite cut by pegmatite dike, 80% pegmatite.										
251.06	253.58	Amphibolite with foliation parallel to core axis, 2% pegmatitic dikelet concordant with foliation up to 1.5 centimetre thick, up to 1% hairline epidote veining, and least amount of veining compared to intervals above FOOT OF HOLE at 253.58 metre.										

APPENDIX B

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604) -171

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD, B.C.
BH 72472
FX 411301-481

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 21 1989 DATE REPORT MAILED: March 23/89 SIGNED BY. C. Leong .D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-0623 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
FX 411301	1	21	29	62	.3	30	11	695	3.15	27	5	ND	3	123	1	2	2	29	4.35	.123	73	62	1.81	26	.04	2	2.25	.01	.24	1	5
FX 411302	2	23	17	67	.1	34	13	600	3.50	15	5	ND	6	137	1	2	2	40	3.37	.157	32	74	1.65	46	.09	7	2.13	.01	.21	2	5
FX 411303	10	19	25	60	.5	32	13	427	3.21	51	5	ND	4	45	1	2	2	33	1.34	.134	74	53	1.56	61	.01	2	1.92	.01	.22	1	19
FX 411304	1	20	18	69	.1	33	13	592	3.40	9	5	ND	5	117	1	2	2	38	3.34	.143	76	69	2.07	25	.11	2	2.39	.01	.20	1	3
FX 411305	2	21	18	64	.1	33	13	615	3.35	11	5	ND	9	134	1	2	2	55	3.37	.127	63	78	1.95	71	.20	3	2.08	.02	.11	3	3
FX 411306	1	23	9	67	.1	35	12	571	3.53	8	5	ND	9	158	1	2	2	64	3.48	.133	67	84	2.17	49	.22	3	2.19	.02	.13	3	2
FX 411307	1	22	21	64	.1	35	13	616	3.77	7	5	ND	12	173	1	2	2	80	2.65	.144	75	97	2.31	67	.25	2	2.13	.03	.13	1	1
FX 411308	1	23	13	62	.1	41	13	625	3.87	10	5	ND	14	169	1	2	2	86	2.79	.151	74	92	2.03	141	.26	2	2.05	.03	.14	2	2
FX 411309	2	20	27	59	.1	39	13	631	3.73	10	5	ND	14	186	1	2	2	81	2.96	.145	72	90	2.21	158	.25	2	2.06	.04	.15	1	1
FX 411310	2	25	33	52	.1	40	12	658	3.82	6	5	ND	14	176	1	2	2	35	2.75	.150	74	94	2.22	249	.26	2	2.09	.03	.15	2	9
FX 411311	1	21	22	62	.1	36	13	656	3.33	6	5	ND	14	190	1	2	2	85	3.00	.150	73	95	2.09	162	.25	2	2.10	.04	.17	1	40
FX 411312	4	21	22	56	.4	39	14	610	4.06	51	5	ND	10	167	1	2	2	55	2.84	.162	84	78	1.64	52	.18	6	2.12	.02	.22	3	16
FX 411313	1	21	21	72	.1	33	14	647	3.53	5	5	ND	7	234	1	2	2	59	3.57	.149	72	79	2.12	73	.24	2	2.42	.02	.21	2	6
FX 411314	1	26	28	68	.1	33	13	777	3.15	6	5	ND	4	311	1	2	2	28	6.56	.137	68	56	2.24	38	.19	2	2.65	.01	.26	2	11
FX 411315	2	24	30	78	.2	42	13	691	3.66	24	5	ND	4	266	1	2	2	36	3.32	.152	75	71	2.41	37	.24	7	2.94	.01	.29	2	30
FX 411316	2	13	47	61	.5	31	12	513	3.04	49	5	ND	4	248	1	2	2	23	3.51	.124	65	60	1.51	40	.16	2	1.96	.01	.29	2	15
FX 411317	2	13	82	62	.5	33	12	450	2.98	60	5	ND	3	201	1	2	2	26	2.75	.130	64	56	1.46	46	.16	3	1.86	.01	.26	3	14
FX 411318	8	25	34	73	.6	39	17	415	3.59	156	5	ND	4	207	1	2	2	35	2.22	.165	36	62	1.87	41	.25	3	2.32	.01	.26	4	23
FX 411319	1	22	27	73	.2	36	13	629	3.50	7	5	ND	4	306	1	2	2	33	3.30	.138	79	67	2.07	34	.23	2	2.61	.01	.29	4	7
FX 411320	1	16	13	57	.1	35	11	641	3.15	8	5	ND	4	303	1	2	2	30	4.06	.135	68	63	1.36	41	.22	2	2.33	.01	.25	1	4
FX 411321	1	26	22	83	.1	46	15	692	3.99	9	5	ND	3	290	1	2	2	33	4.41	.173	94	74	2.42	39	.11	2	3.06	.01	.30	1	3
FX 411322	1	18	37	67	.4	40	16	485	3.20	102	5	ND	3	275	1	2	2	33	2.48	.152	77	61	1.90	36	.16	2	2.23	.01	.26	3	10
FX 411323	1	22	19	74	.2	33	12	714	3.47	12	5	ND	3	343	1	2	2	34	4.19	.146	75	68	2.19	35	.17	2	2.64	.01	.26	3	1
FX 411324	1	17	22	67	.1	35	13	772	3.11	11	5	ND	3	347	1	2	2	32	4.41	.131	70	63	1.92	43	.10	4	2.28	.01	.22	1	2
FX 411325	1	22	14	82	.2	41	14	599	3.97	60	5	ND	4	279	2	2	2	37	2.91	.161	82	73	2.29	33	.21	2	2.81	.01	.26	2	1
FX 411326	4	21	23	73	.2	38	12	605	3.38	66	5	ND	4	289	1	2	2	33	3.57	.136	73	67	1.97	35	.23	2	2.39	.01	.23	4	7
FX 411327	1	19	30	79	.1	39	14	755	3.56	7	5	ND	5	344	1	2	2	55	4.95	.164	83	77	1.90	58	.25	6	2.44	.02	.24	3	3
FX 411328	1	21	15	74	.1	41	14	649	3.82	12	5	ND	4	316	1	2	2	57	3.91	.154	75	82	2.26	65	.22	2	2.55	.02	.23	4	2
FX 411329	1	21	31	82	.1	36	14	745	2.78	10	5	ND	4	334	2	2	2	56	4.65	.164	87	79	2.32	55	.27	8	2.75	.02	.24	4	2
FX 411330	1	22	17	65	.2	41	13	593	3.39	9	5	ND	5	347	1	2	2	47	4.78	.156	84	75	1.75	84	.27	2	2.43	.02	.29	3	1
FX 411331	1	21	31	73	.1	36	13	637	3.45	12	5	ND	6	316	1	2	2	52	4.52	.153	90	71	1.79	60	.29	2	2.46	.02	.28	1	1
FX 411332	2	23	11	76	.1	41	15	552	4.01	10	5	ND	6	389	1	2	2	80	3.69	.160	70	93	2.44	76	.23	2	2.65	.05	.20	4	1
FX 411333	1	22	19	75	.1	38	14	561	3.91	9	5	ND	6	345	1	2	2	75	3.66	.161	76	89	2.42	60	.17	8	2.50	.03	.21	1	2
FX 411334	1	21	17	71	.1	40	14	601	3.58	8	5	ND	6	322	2	2	2	66	4.21	.151	72	84	2.29	48	.16	2	2.39	.02	.20	1	1
FX 411335	1	21	16	74	.1	38	14	652	3.76	11	5	ND	5	299	2	2	3	66	3.81	.145	73	84	2.45	47	.22	2	2.51	.02	.19	1	1
FX 411336	1	22	26	30	.1	39	12	583	3.35	3	5	ND	6	286	1	2	2	74	3.87	.153	75	93	2.27	45	.25	4	2.50	.03	.18	3	1
STD C/AU-S	20	53	41	136	7.5	72	31	1056	4.04	42	19	8	39	51	19	17	22	55	.50	.396	42	56	.98	131	.07	37	2.06	.06	.13	12	530

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
FX 411337	2	32	21	69	.2	36	12	535	3.79	7	5	ND	7	257	1	2	2	72	3.15	.140	70	84	1.96	38	.22	2	2.07	.03	.14	1	3
FX 411338	1	29	26	65	.1	37	12	610	3.96	7	5	ND	10	171	1	2	2	89	3.32	.137	70	82	1.94	35	.25	2	1.87	.03	.08	1	6
FX 411339	1	24	30	76	.1	37	11	574	4.00	4	5	ND	12	191	1	2	2	100	3.12	.146	79	90	2.05	41	.28	2	1.95	.03	.10	2	3
FX 411340	1	29	24	71	.1	40	14	602	4.06	5	5	ND	12	213	1	2	2	87	2.36	.142	79	88	2.32	36	.29	3	2.24	.03	.11	3	1
FX 411341	1	24	17	62	.1	40	12	584	4.05	7	5	ND	13	250	2	2	2	98	3.10	.144	70	97	2.13	139	.25	2	2.01	.04	.13	3	1
FX 411342	1	26	15	66	.1	40	15	599	3.95	2	5	ND	10	304	1	2	2	78	3.64	.143	71	35	2.16	133	.19	7	2.08	.04	.15	1	4
FX 411343	1	19	12	74	.2	35	12	620	3.79	7	5	ND	6	328	1	2	2	66	4.28	.146	75	91	2.48	144	.10	2	2.35	.04	.16	3	1
FX 411344	1	23	22	33	.1	41	13	724	4.03	7	5	ND	4	341	1	2	2	47	3.95	.161	83	70	2.60	315	.14	2	2.32	.04	.20	3	1
FX 411345	1	23	18	65	.2	36	11	669	3.13	6	5	ND	4	327	1	2	2	25	4.32	.133	73	55	2.00	30	.01	2	2.16	.03	.18	3	1
FX 411346	3	22	21	70	.3	31	12	745	3.47	33	5	ND	5	318	1	2	2	33	4.44	.145	82	58	1.86	61	.01	2	2.16	.04	.21	1	8
FX 411347	1	23	19	69	.2	34	10	768	3.43	4	5	ND	4	350	1	2	2	29	4.84	.143	74	63	1.99	39	.02	2	2.19	.03	.19	2	3
FX 411348	1	26	28	76	.1	36	12	693	3.81	9	5	ND	4	320	1	2	2	36	3.63	.143	81	59	2.31	30	.03	2	2.44	.04	.19	1	6
FX 411349	17	27	23	62	.5	39	16	605	3.99	44	5	ND	3	319	1	2	2	35	2.44	.160	86	62	2.19	43	.01	2	2.51	.05	.23	1	18
FX 411350	1	27	20	78	.2	37	13	665	3.77	13	5	ND	3	331	1	2	2	33	3.71	.162	81	63	2.17	26	.01	3	2.34	.04	.22	1	6
FX 411351	1	25	30	87	.1	39	12	712	3.75	4	5	ND	4	339	1	2	2	36	4.03	.174	96	65	2.13	28	.01	2	2.44	.04	.25	2	4
FX 411352	1	23	14	86	.2	33	12	741	3.64	10	5	ND	5	365	2	2	2	43	4.94	.152	93	70	2.48	34	.01	2	3.04	.04	.38	3	5
FX 411353	2	22	28	71	.2	33	12	767	3.57	20	5	ND	4	390	1	2	2	33	5.21	.139	76	59	1.97	63	.01	2	2.12	.04	.21	1	8
FX 411354	5	16	16	69	.7	36	12	520	3.69	43	5	ND	3	237	1	2	2	36	2.32	.133	70	60	1.83	30	.01	2	1.91	.03	.19	1	1
FX 411355	392	17	20	48	4.5	33	11	259	2.78	127	5	ND	4	169	1	2	2	26	1.33	.101	55	39	.79	30	.01	2	.95	.02	.19	1	166
FX 411356	120	15	22	61	2.2	37	11	415	3.73	130	5	ND	3	182	1	2	2	37	1.23	.116	60	58	1.66	26	.01	4	1.52	.03	.16	1	89
FX 411357	363	15	17	50	4.5	26	10	394	3.36	105	5	ND	3	151	1	2	2	31	.80	.091	42	40	1.58	19	.01	2	1.35	.03	.14	1	78
FX 411358	13	21	9	79	.8	37	14	556	4.12	53	5	ND	4	201	1	3	2	42	.83	.163	87	70	2.44	27	.01	5	2.30	.04	.13	1	15
FX 411359	66	23	33	71	1.4	39	13	427	5.11	106	5	ND	5	217	1	3	2	37	1.63	.159	90	56	1.55	29	.01	2	1.68	.03	.22	1	32
FX 411360	8	26	15	86	.3	42	14	580	4.38	62	5	ND	7	229	1	2	2	45	1.27	.175	96	75	2.14	38	.01	3	2.35	.04	.20	1	14
FX 411361	6	25	20	85	.3	43	13	553	4.01	29	5	ND	9	236	1	3	2	42	1.85	.164	92	71	1.76	42	.01	4	2.23	.04	.23	2	9
FX 411362	17	16	31	59	.8	42	17	436	3.38	244	5	ND	6	285	1	3	3	26	2.37	.131	80	51	1.23	25	.01	5	1.66	.05	.27	1	16
FX 411363	3	23	21	84	.3	42	14	520	4.04	48	5	ND	8	225	1	2	2	40	1.52	.172	95	76	1.79	35	.01	2	2.25	.04	.20	2	10
FX 411364	1	24	20	71	.1	37	13	599	3.90	44	5	ND	9	244	1	2	2	37	2.67	.158	90	68	1.50	36	.06	2	2.37	.04	.21	1	4
FX 411365	2	21	23	56	.2	46	16	546	3.74	73	5	ND	8	234	1	2	2	32	2.37	.143	82	66	1.29	33	.09	2	1.78	.04	.20	2	1
FX 411366	2	24	15	82	.1	42	15	772	4.30	43	5	ND	6	275	1	3	2	48	3.58	.160	85	79	1.96	45	.08	5	2.33	.04	.19	1	2
FX 411367	1	32	30	75	.3	32	12	639	3.73	7	5	ND	4	356	1	2	3	34	3.47	.148	80	62	2.40	37	.01	2	2.42	.05	.19	3	6
FX 411368	2	21	25	67	.2	33	11	584	3.55	9	5	ND	4	412	1	2	2	28	4.69	.147	66	54	1.30	44	.01	5	2.33	.05	.23	2	8
FX 411369	1	22	24	71	.1	40	11	568	3.40	8	5	ND	4	322	1	2	2	28	3.93	.142	65	60	1.96	39	.01	2	2.13	.05	.19	3	1
FX 411370	1	21	24	71	.1	34	13	591	3.33	7	5	ND	4	332	1	2	2	29	4.41	.147	69	57	1.98	36	.01	2	2.17	.05	.20	2	6
FX 411371	1	37	57	157	.5	35	12	638	3.35	54	5	ND	4	299	2	3	2	36	4.45	.146	54	56	1.92	52	.01	4	1.98	.05	.21	2	153
FX 411372	1	21	16	75	.3	33	12	640	3.75	10	5	ND	5	332	1	2	2	34	4.37	.158	74	56	2.04	41	.01	5	2.24	.05	.24	1	10
STD C/AU-S	20	64	43	132	7.3	73	31	1039	4.32	41	19	8	39	50	20	19	21	61	.51	.093	40	57	.91	181	.07	34	2.02	.06	.13	13	490

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
FX 411373	2	21	19	84	.1	38	13	617	3.71	19	5	ND	4	234	1	2	2	39	3.54	.159	80	66	1.95	36	.01	2	2.25	.04	.19	1	12
FX 411374	1	20	24	71	.1	35	11	635	3.66	13	5	ND	5	300	2	2	2	35	4.20	.156	75	63	1.96	39	.01	2	2.31	.04	.20	1	5
FX 411375	1	17	22	75	.1	45	14	659	3.73	6	5	ND	6	275	1	2	2	46	3.70	.157	82	68	1.92	44	.01	2	2.12	.05	.18	1	8
FX 411376	2	20	20	84	.3	42	16	677	4.08	14	5	ND	5	263	2	2	2	47	3.57	.169	91	69	2.17	33	.01	2	2.36	.04	.19	1	11
FX 411377	40	19	27	53	2.0	33	12	326	4.25	155	5	ND	6	166	1	2	2	30	1.36	.140	78	51	1.06	34	.01	4	1.19	.03	.18	1	167
FX 411378	109	13	15	42	2.1	21	6	357	2.56	104	5	ND	4	180	1	2	2	23	2.79	.085	44	32	.71	20	.01	2	.75	.02	.11	4	142
FX 411379	6	26	28	73	.4	29	12	550	3.76	46	5	ND	5	205	2	2	2	45	1.85	.158	87	67	2.21	36	.01	2	2.25	.04	.17	1	22
FX 411380	2	22	18	70	.4	23	11	554	3.59	22	5	ND	5	263	1	2	2	44	3.21	.147	87	57	1.94	40	.01	2	2.21	.04	.20	1	24
FX 411381	1	18	22	59	.2	22	12	679	4.15	9	5	ND	5	360	2	2	2	33	5.06	.121	65	44	1.76	42	.01	2	2.33	.04	.21	2	13
FX 411382	1	16	23	70	.2	34	13	580	3.42	9	5	ND	6	332	1	2	2	35	4.14	.166	52	59	1.73	61	.01	2	2.11	.05	.20	1	11
FX 411383	1	25	23	86	.1	41	16	591	3.81	5	5	ND	6	376	2	2	2	37	3.81	.210	95	59	2.26	63	.01	2	2.70	.07	.24	4	6
FX 411384	1	21	21	79	.1	36	12	636	3.70	5	5	ND	6	389	2	2	2	34	4.36	.168	81	57	2.27	293	.01	2	2.62	.06	.21	1	1
FX 411385	1	24	19	66	.1	25	10	895	3.13	12	5	ND	5	401	1	2	2	33	7.63	.164	74	51	1.80	58	.01	3	2.25	.06	.23	2	12
FX 411386	1	20	33	56	.1	23	10	509	3.52	6	5	ND	5	311	1	2	2	30	3.46	.143	69	48	2.01	49	.01	2	2.42	.05	.21	1	2
FX 411387	1	25	20	81	.1	39	15	605	4.06	5	5	ND	4	287	2	2	2	47	2.99	.171	90	72	3.02	56	.01	2	3.11	.05	.16	1	2
FX 411388	1	20	14	89	.1	43	16	585	4.11	6	5	ND	4	252	1	2	2	59	3.41	.175	82	81	2.89	97	.02	11	2.91	.05	.15	1	3
FX 411389	1	24	12	75	.1	40	13	627	3.69	3	5	ND	4	236	2	2	2	41	3.57	.167	77	70	2.48	55	.02	2	2.67	.05	.16	3	1
FX 411390	1	24	27	73	.1	39	15	638	3.35	6	5	ND	4	297	2	2	2	39	4.14	.171	84	63	2.09	66	.01	2	2.48	.05	.13	1	1
FX 411391	1	24	30	76	.3	35	16	383	4.00	9	5	ND	5	306	1	2	2	41	3.08	.191	93	70	2.25	56	.02	3	2.69	.06	.22	2	20
FX 411392	1	23	13	85	.1	44	16	703	4.27	4	5	ND	5	341	2	2	2	41	4.12	.194	97	72	2.46	50	.01	2	2.93	.06	.20	3	2
FX 411393	1	21	18	50	.1	22	9	564	3.18	9	5	ND	5	308	2	2	2	26	3.87	.152	78	45	1.51	67	.01	10	2.13	.05	.27	3	2
FX 411394	1	23	18	75	.4	33	16	630	3.87	3	5	ND	4	295	1	2	2	35	3.49	.161	92	62	2.07	46	.01	4	2.47	.05	.20	3	13
FX 411395	5	24	27	60	1.1	39	16	466	4.02	66	5	ND	6	198	1	2	2	44	1.33	.172	91	69	1.93	42	.01	4	2.30	.04	.18	3	56
FX 411396	1	21	14	80	.2	46	15	651	3.34	10	5	ND	8	261	1	2	2	54	3.83	.165	78	83	1.86	63	.03	3	2.18	.04	.13	2	19
FX 411397	1	20	11	61	.6	45	15	696	3.96	14	5	ND	7	311	1	2	2	50	4.42	.178	75	80	1.79	52	.01	2	2.20	.04	.19	3	19
FX 411398	5	17	22	51	.6	33	11	396	3.55	102	5	ND	4	175	1	2	2	35	1.77	.107	69	52	1.18	37	.01	6	1.55	.02	.17	1	34
FX 411399	1	23	28	84	.3	44	17	591	4.46	13	5	ND	6	285	2	2	2	45	3.48	.178	76	73	2.21	53	.05	2	2.74	.05	.19	1	9
FX 411400	1	23	21	72	.1	34	14	616	4.44	11	5	ND	6	265	2	2	2	46	3.57	.154	77	79	1.97	62	.03	3	2.63	.04	.26	3	4
FX 411401	3	18	22	62	.7	30	12	558	4.98	93	5	ND	5	197	1	2	3	42	2.72	.149	83	65	1.78	38	.01	2	2.37	.03	.18	3	60
FX 411402	7	13	13	27	.3	18	4	349	2.22	30	5	ND	4	135	1	2	2	24	2.41	.064	50	38	.75	56	.05	2	1.11	.02	.20	3	17
FX 411403	1	31	26	50	.4	27	11	406	3.88	6	5	ND	5	313	1	2	2	26	2.01	.157	86	40	1.41	66	.04	2	2.28	.07	.31	2	10
FX 411404	1	20	19	64	.1	26	11	584	3.46	6	5	ND	5	313	2	2	2	27	4.38	.126	65	51	1.79	64	.04	2	2.25	.05	.21	1	5
FX 411405	1	24	20	73	.1	31	11	519	3.88	11	5	ND	8	338	1	2	4	31	3.41	.204	106	53	2.04	30	.08	2	2.70	.07	.29	2	3
FX 411406	1	25	22	85	.1	37	12	551	4.09	10	5	ND	6	332	2	2	2	37	4.05	.196	79	66	2.33	105	.14	2	2.86	.06	.26	3	1
FX 411407	1	23	19	86	.1	37	14	616	4.09	4	5	ND	5	312	2	2	2	44	3.79	.170	71	68	2.46	97	.20	2	2.84	.06	.20	4	1
FX 411408	1	23	32	70	.1	36	14	576	3.43	9	5	ND	5	271	1	2	2	34	3.94	.141	69	57	1.33	133	.38	2	2.27	.05	.22	3	5
STD C/AU-R	20	62	40	136	7.5	68	31	1051	4.23	43	21	8	40	50	20	19	21	61	.50	.096	41	57	.98	178	.07	37	1.96	.06	.13	13	500

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
FX 411409	1	23	30	95	.1	39	14	566	4.52	4	5	ND	6	306	2	2	5	39	3.26	.216	102	65	2.70	50	.08	4	3.11	.06	.15	2	5
FX 411410	1	21	34	68	.4	37	13	408	3.10	14	5	ND	5	232	1	2	2	30	2.35	.147	72	61	1.79	104	.16	2	2.10	.05	.16	2	10
FX 411411	1	25	18	92	.1	47	15	560	4.05	8	5	ND	4	278	1	2	2	39	3.65	.180	88	70	2.64	41	.12	2	2.97	.05	.16	2	3
FX 411412	1	20	27	71	.1	31	12	428	3.18	3	5	ND	6	223	2	2	2	34	2.61	.174	33	62	1.99	57	.16	2	2.26	.05	.15	2	7
FX 411413	1	16	27	67	.1	33	12	506	3.62	6	5	ND	5	258	1	2	2	27	3.64	.162	82	55	1.76	42	.02	3	2.07	.05	.19	1	8
FX 411414	1	21	30	38	.1	35	13	637	3.65	10	5	ND	5	270	1	2	2	29	3.60	.185	90	55	2.14	34	.01	4	2.52	.05	.18	3	7
FX 411415	3	24	20	76	.2	37	12	491	3.26	23	5	ND	4	199	1	2	2	29	2.10	.165	81	58	1.73	31	.01	2	1.97	.04	.17	2	10
FX 411416	1	20	24	78	.8	36	13	616	4.22	25	5	ND	4	171	2	2	2	45	1.35	.162	80	69	2.08	31	.01	3	2.28	.04	.17	1	18
FX 411417	121	50	29	61	4.3	33	12	325	3.44	211	5	ND	4	112	1	3	2	41	.92	.133	63	46	1.14	22	.01	4	1.21	.02	.13	1	101
FX 411418	23	23	23	62	2.4	38	12	336	3.36	147	5	ND	5	120	1	2	2	45	.63	.144	63	54	1.43	23	.01	3	1.55	.03	.19	1	74
FX 411419	1	19	13	68	.5	32	12	508	3.91	25	5	ND	4	141	1	2	5	50	.63	.140	66	66	2.06	25	.01	8	2.24	.04	.14	3	16
FX 411420	2	20	14	69	1.0	29	11	606	6.28	50	5	ND	5	156	2	2	4	59	.65	.153	80	69	2.19	29	.01	2	2.73	.04	.15	2	33
FX 411421	22	22	24	63	1.4	26	11	368	3.14	138	5	ND	4	134	1	2	2	42	.60	.163	75	54	1.46	26	.01	2	1.62	.03	.16	1	85
FX 411422	51	22	21	75	3.0	29	11	361	3.27	179	5	ND	4	109	1	2	2	50	.90	.127	58	62	1.35	27	.02	2	1.41	.02	.15	1	129
FX 411423	199	32	52	69	8.3	31	14	296	3.19	355	5	ND	4	89	1	2	4	44	.94	.132	55	49	.79	28	.02	4	.86	.02	.16	2	240
FX 411424	287	23	38	76	8.3	31	12	517	3.42	357	5	ND	4	197	1	2	2	53	3.20	.131	61	53	1.12	18	.02	2	1.18	.02	.13	1	260
FX 411425	168	24	33	57	9.2	33	11	312	2.97	257	5	ND	3	112	1	4	2	46	1.18	.121	46	44	.79	21	.04	2	.87	.02	.11	1	230
FX 411426	36	26	22	96	3.4	51	17	497	4.52	204	5	ND	6	124	1	2	2	71	1.04	.194	67	81	1.69	32	.04	2	1.34	.03	.12	1	103
FX 411427	74	99	25	128	13.3	25	10	343	2.98	198	5	ND	4	120	1	2	2	52	1.03	.123	53	48	1.33	29	.02	2	1.43	.03	.13	1	450
FX 411428	41	23	21	103	2.3	57	17	567	4.46	153	5	ND	8	150	1	2	2	62	1.37	.130	70	85	1.31	36	.34	2	1.95	.03	.14	2	87
FX 411429	9	24	22	139	2.3	50	16	549	4.44	193	5	ND	8	151	2	2	2	71	1.65	.132	75	92	1.66	34	.11	2	1.98	.03	.13	2	70
FX 411430	4	23	15	103	.7	39	14	613	4.32	65	5	ND	10	177	1	2	2	71	2.36	.177	74	90	1.77	56	.07	2	2.08	.03	.16	2	48
FX 411431	2	28	29	77	.5	34	15	602	3.97	72	5	ND	6	231	1	2	2	39	2.61	.171	68	49	1.58	46	.05	2	2.07	.05	.22	2	21
FX 411432	1	17	16	47	.5	32	14	435	4.72	12	5	ND	5	184	1	2	2	32	1.36	.141	74	50	1.12	30	.01	2	1.51	.03	.19	1	25
FX 411433	2	20	17	50	.4	27	11	354	3.67	47	5	ND	6	130	1	2	2	40	.87	.117	76	57	1.32	22	.01	4	1.57	.03	.16	3	5
FX 411434	1	22	17	95	.4	50	17	742	4.40	18	5	ND	5	251	1	2	2	62	4.07	.135	78	85	1.89	36	.05	6	2.26	.03	.16	3	39
FX 411435	3	20	9	93	.5	43	16	554	3.88	20	5	ND	7	160	1	2	2	61	1.82	.174	90	86	1.98	36	.02	2	2.18	.04	.16	3	28
FX 411436	66	27	51	98	5.5	74	25	362	4.97	254	5	ND	6	150	1	2	2	30	2.48	.159	70	48	.70	35	.02	2	.85	.02	.17	1	634
FX 411437	367	25	66	71	9.4	82	25	467	4.47	263	5	ND	6	190	1	5	2	29	4.05	.136	50	34	.69	16	.03	2	.70	.02	.12	1	790
FX 411438	19	24	27	81	3.2	60	19	395	4.25	110	5	ND	6	136	1	2	2	57	1.24	.177	76	69	1.56	30	.39	2	1.60	.03	.16	2	93
FX 411439	75	23	31	89	1.9	44	14	508	3.78	199	5	ND	5	156	1	2	2	57	1.83	.154	73	73	1.61	34	.07	2	1.67	.03	.15	1	123
FX 411440	16	24	17	88	1.5	44	17	570	4.22	87	5	ND	7	143	1	2	2	58	1.55	.177	75	78	1.83	35	.03	5	2.13	.03	.15	1	70
FX 411441	31	25	17	106	1.2	53	15	573	4.24	67	5	ND	8	161	1	2	2	72	1.99	.183	74	90	1.84	40	.05	2	2.12	.03	.16	2	61
FX 411442	8	27	13	98	.3	40	14	575	4.11	24	5	ND	8	184	1	2	2	60	2.10	.173	71	85	1.74	42	.02	3	2.19	.03	.17	1	10
FX 411443	3	21	16	95	.2	42	16	616	3.73	13	5	ND	9	208	1	2	2	59	2.66	.169	69	88	1.60	44	.02	3	2.06	.04	.16	1	7
FX 411444	2	27	17	87	.7	43	17	687	4.16	11	5	ND	6	238	1	2	4	65	3.37	.158	62	85	1.90	51	.04	2	2.13	.04	.14	3	19
STD C/AU-S	20	63	40	137	7.4	73	31	1054	4.35	41	13	7	39	50	19	18	21	61	.49	.095	41	59	.97	178	.07	37	1.96	.06	.13	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
FX 411445	3	18	17	71	.9	48	16	570	3.36	14	5	ND	4	260	1	2	2	35	3.93	.147	65	59	1.34	34	.02	2	1.58	.04	.15	1	29
FX 411446	2	13	20	78	.8	49	19	477	4.26	7	5	ND	4	245	1	2	3	36	2.38	.152	77	73	1.55	35	.01	2	1.32	.05	.12	1	33
FX 411447	2	15	21	79	1.3	54	19	479	3.96	15	5	ND	5	221	1	2	3	37	3.06	.154	75	70	1.37	42	.01	2	1.63	.04	.15	1	40
FX 411448	2	16	17	61	.8	44	15	442	2.91	10	5	ND	4	214	1	2	2	27	3.60	.108	56	54	1.10	31	.01	4	1.26	.03	.11	2	26
FX 411449	5	23	22	148	.5	73	25	456	4.14	16	5	ND	8	241	1	3	2	43	2.64	.214	90	70	1.63	44	.09	2	1.92	.05	.16	2	24
FX 411450	2	12	10	121	1.0	53	14	763	3.31	12	5	ND	3	404	1	2	2	36	3.38	.145	70	56	1.87	34	.01	2	2.01	.04	.13	1	26
FX 411451	5	21	30	168	1.0	89	19	456	4.18	16	5	ND	7	252	1	3	2	38	2.50	.189	95	70	1.65	51	.01	2	1.96	.06	.21	1	32
FX 411452	4	22	16	73	.4	70	14	275	3.91	19	5	ND	5	204	1	2	2	20	1.97	.104	67	36	.65	43	.02	4	.53	.04	.19	1	21
FX 411453	2	30	22	217	.1	58	15	354	6.35	13	5	ND	6	235	2	2	2	32	2.30	.200	82	44	.98	43	.01	2	1.25	.05	.19	1	19
FX 411454	4	23	23	220	.1	61	15	430	5.59	12	5	ND	6	247	1	3	2	36	2.20	.199	79	50	1.51	48	.04	3	1.55	.06	.18	1	13
FX 411455	5	25	22	160	.1	43	17	333	7.07	10	5	ND	5	263	1	3	2	23	1.76	.150	84	41	1.16	46	.01	2	1.40	.06	.21	1	20
FX 411456	5	28	22	153	.1	39	16	391	6.94	10	5	ND	4	295	2	2	2	21	2.13	.155	82	45	1.16	42	.01	3	1.41	.07	.21	1	20
FX 411457	7	24	19	114	.2	55	16	544	4.40	10	5	ND	4	315	1	3	2	33	2.67	.164	77	51	2.14	47	.03	6	2.36	.07	.21	2	19
FX 411458	9	23	14	98	.1	46	15	577	4.35	6	5	ND	4	312	1	2	2	30	3.00	.159	35	52	2.34	44	.01	5	2.47	.07	.18	1	16
FX 411459	9	20	28	63	.1	42	16	503	4.62	17	5	ND	4	325	1	2	2	39	4.81	.137	74	45	1.31	38	.02	7	1.46	.05	.16	2	21
FX 411460	2	21	25	81	.1	32	15	520	4.00	11	5	ND	4	344	1	2	2	48	2.65	.165	52	54	2.15	38	.15	6	2.33	.05	.14	3	9
FX 411461	1	20	16	56	.1	38	14	619	3.94	11	5	ND	4	281	1	2	2	47	4.00	.170	61	68	2.32	41	.13	3	2.48	.06	.15	4	12
FX 411462	2	19	23	78	.1	49	19	510	4.29	14	5	ND	4	292	1	2	2	40	3.40	.166	61	74	2.10	41	.16	2	2.14	.06	.14	4	47
FX 411463	2	25	21	74	.1	44	18	483	3.86	10	5	ND	5	272	1	2	2	47	3.11	.164	66	72	1.82	43	.17	2	2.05	.05	.16	4	24
FX 411464	2	22	23	74	.1	44	17	547	4.08	8	5	ND	7	264	1	2	3	59	3.32	.156	67	83	2.00	37	.14	2	2.13	.05	.14	2	28
FX 411465	3	28	24	72	.1	53	21	447	4.86	11	5	ND	5	255	1	3	4	33	2.14	.188	59	71	1.96	42	.03	3	2.05	.06	.17	2	66
FX 411466	2	26	29	74	.1	54	19	491	4.39	22	5	ND	3	255	1	4	2	33	2.20	.134	39	75	2.17	39	.01	2	2.09	.06	.15	4	86
FX 411467	3	18	11	76	.1	43	17	462	3.53	25	5	ND	4	183	1	2	3	37	1.04	.143	41	70	2.35	35	.01	3	2.22	.05	.13	2	57
FX 411468	9	20	16	22	.1	33	11	179	2.47	14	5	ND	3	114	1	2	2	10	1.20	.053	24	23	.54	20	.05	2	.62	.02	.12	2	60
FX 411469	11	15	7	13	.1	30	7	170	1.59	8	5	ND	2	118	1	2	4	6	1.83	.031	24	18	.29	25	.05	4	.39	.02	.10	3	43
FX 411470	9	18	23	43	.1	32	13	256	2.42	16	5	ND	5	168	1	2	2	16	.80	.082	54	43	1.17	31	.01	3	1.22	.04	.17	3	87
FX 411471	8	17	11	36	.2	29	10	212	2.66	13	5	ND	4	125	1	2	2	14	.65	.052	42	29	.99	26	.07	4	1.00	.03	.13	3	63
FX 411472	5	12	6	20	.2	24	5	669	1.84	13	5	ND	2	249	1	2	5	7	7.85	.034	33	22	.53	26	.02	6	.59	.02	.12	2	43
FX 411473	9	23	15	44	.1	44	16	275	4.01	21	5	ND	4	165	1	2	2	17	1.10	.078	59	39	1.21	31	.02	2	1.20	.04	.14	3	102
FX 411474	6	19	10	39	.1	34	12	715	3.25	17	5	ND	3	212	1	2	2	17	4.62	.073	43	37	1.09	29	.03	2	1.11	.04	.14	2	73
FX 411475	2	17	14	88	.1	37	16	623	3.84	30	5	ND	4	256	1	3	3	40	2.76	.170	59	76	2.77	30	.01	2	2.38	.06	.14	2	73
FX 411476	3	22	10	59	.1	38	15	472	3.49	14	5	ND	4	222	1	2	5	31	2.75	.127	42	71	1.89	26	.12	2	1.76	.05	.13	4	62
FX 411477	3	23	25	79	.1	45	16	520	4.36	21	5	ND	4	223	1	2	2	38	2.10	.184	51	84	2.47	27	.14	2	2.28	.06	.14	4	65
FX 411478	2	24	11	84	.1	44	14	620	4.01	18	5	ND	3	233	2	2	4	41	2.75	.161	48	33	2.65	31	.19	2	2.48	.06	.13	5	57
FX 411479	5	24	12	63	.2	36	14	427	3.54	24	5	ND	3	193	1	2	2	30	2.23	.104	43	60	1.82	26	.21	3	1.66	.05	.11	4	53
FX 411480	8	28	12	57	.3	41	13	334	3.64	14	5	ND	3	189	1	2	2	25	1.53	.082	32	55	1.56	25	.19	2	1.46	.05	.13	5	55
FX 411481	7	23	22	55	.2	31	13	367	3.49	17	5	ND	3	172	1	2	2	28	2.39	.056	28	50	1.48	26	.19	3	1.37	.04	.12	3	58
STD C/AU-R	18	61	43	133	7.0	68	30	1026	4.16	41	18	7	36	47	19	16	20	59	.49	.094	38	55	.93	174	.06	31	2.02	.06	.14	13	510

A(ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST('ANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX('253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD, B.C.
BH 72473
FX 411482 - 411608

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 27 1989 DATE REPORT MAILED: March 31/89 SIGNED BY. C. Leong ..D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-0650 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
FX 411482	1	21	3	81	.1	38	17	598	3.91	6	5	ND	9	116	2	2	2	84	1.80	.136	63	90	1.87	96	.20	3	2.10	.05	.19	1	1
FX 411483	2	29	11	87	.1	37	15	695	4.01	2	5	ND	10	115	2	2	2	88	2.17	.137	67	96	1.87	61	.26	3	2.13	.04	.16	1	1
FX 411484	2	20	23	86	.1	42	15	625	3.97	2	5	ND	11	106	2	2	3	82	2.05	.132	66	92	1.76	57	.26	2	2.09	.03	.17	2	4
FX 411485	1	34	18	88	.1	37	15	665	3.96	8	5	ND	9	110	2	2	2	65	2.92	.140	67	87	1.66	55	.25	4	2.21	.02	.21	1	6
FX 411486	4	19	23	92	.3	35	16	520	4.03	35	5	ND	8	96	2	2	2	47	2.28	.138	64	78	1.45	57	.23	2	2.17	.01	.24	2	12
FX 411487	1	21	16	86	.1	34	15	571	3.65	7	5	ND	7	132	2	2	3	40	3.29	.140	62	69	1.49	56	.24	4	2.18	.01	.25	2	5
FX 411488	3	18	16	78	.3	34	16	409	3.43	71	5	ND	8	71	2	2	2	36	1.65	.131	60	68	1.24	53	.23	4	1.85	.01	.28	1	15
FX 411489	1	21	16	88	.1	37	14	609	3.58	10	5	ND	6	140	3	2	2	39	3.10	.134	61	75	1.69	48	.23	3	2.34	.01	.26	2	4
FX 411490	2	21	20	88	.2	36	14	579	3.58	8	5	ND	4	153	2	2	2	40	2.48	.131	54	71	1.86	60	.17	2	2.54	.01	.25	2	3
FX 411491	1	20	18	80	.2	33	14	593	3.32	7	5	ND	3	169	2	2	2	35	3.24	.128	50	63	1.86	45	.19	4	2.49	.01	.26	2	1
FX 411492	6	18	18	82	1.2	39	16	489	3.82	56	5	ND	3	102	1	3	3	38	1.09	.139	74	67	1.54	30	.14	6	1.83	.01	.20	1	39
FX 411493	18	23	25	74	1.8	40	14	409	3.80	84	5	ND	3	123	1	2	2	40	1.32	.128	74	59	1.14	30	.05	6	1.49	.01	.24	3	65
FX 411494	2	22	15	90	.2	41	17	747	3.72	12	5	ND	6	183	1	2	2	60	2.91	.145	67	87	1.58	37	.05	5	2.01	.01	.22	1	11
FX 411495	17	17	22	79	1.2	43	18	304	4.09	134	5	ND	5	94	1	2	2	40	.79	.145	79	62	1.18	35	.09	2	1.45	.01	.23	1	60
FX 411496	3	20	16	93	.7	35	16	549	3.94	65	5	ND	7	139	1	2	2	50	1.53	.148	80	83	1.61	40	.08	3	1.95	.01	.21	2	24
FX 411497	5	22	9	99	.3	40	15	672	3.91	27	5	ND	8	173	1	2	2	63	1.21	.149	74	87	1.43	41	.04	5	2.03	.01	.23	1	11
FX 411498	7	17	24	84	.8	41	17	516	3.93	127	5	ND	3	184	1	3	2	38	1.66	.140	77	60	1.45	56	.05	2	1.89	.01	.22	1	31
FX 411499	1	22	29	93	.1	37	13	656	3.77	23	5	ND	3	253	2	2	2	35	3.44	.141	74	66	1.90	49	.13	6	2.62	.01	.25	2	8
FX 411500	2	23	20	94	.1	42	17	596	3.84	44	5	ND	3	214	1	2	2	37	2.93	.149	72	67	1.83	29	.13	3	2.49	.01	.23	1	6
FX 411501	1	21	19	94	.1	44	15	575	3.80	13	5	ND	5	205	1	2	4	54	2.53	.141	65	78	1.69	39	.14	2	2.20	.01	.21	3	5
FX 411502	1	22	9	87	.1	45	15	659	4.03	4	5	ND	7	214	3	2	3	75	2.66	.142	67	95	1.99	40	.18	6	2.23	.02	.15	1	2
FX 411503	2	20	4	81	.1	48	17	604	4.04	12	5	ND	7	213	1	2	2	78	2.62	.141	63	90	1.82	48	.19	2	2.08	.02	.16	2	4
FX 411504	2	23	21	91	.2	45	17	686	4.09	13	5	ND	6	206	2	2	2	68	3.15	.147	65	87	1.64	37	.19	3	2.15	.01	.17	1	6
FX 411505	2	21	22	94	.3	44	16	542	4.14	4	5	ND	9	160	2	2	2	74	2.50	.145	72	81	1.39	53	.25	7	1.97	.02	.19	3	5
FX 411506	1	18	24	98	.1	43	17	602	4.19	8	5	ND	10	151	2	2	2	81	2.24	.139	68	87	1.53	44	.26	3	1.96	.03	.14	1	4
FX 411507	1	20	23	97	.1	44	18	640	4.09	5	5	ND	8	200	2	2	2	80	2.84	.144	66	85	1.77	48	.25	3	2.17	.02	.15	1	2
FX 411508	1	20	22	89	.1	42	16	677	3.73	5	5	ND	6	157	3	2	2	59	3.12	.131	61	76	2.01	33	.25	2	2.49	.02	.18	1	2
FX 411509	1	17	26	92	.1	38	14	628	3.79	6	5	ND	6	170	2	2	2	73	3.05	.131	67	93	1.84	56	.21	3	2.41	.04	.22	1	4
FX 411510	1	20	22	93	.1	44	17	618	4.23	4	5	ND	6	158	1	2	3	73	2.84	.150	69	92	1.78	67	.16	5	2.32	.04	.20	2	4
FX 411511	1	17	11	93	.1	46	17	709	4.11	5	5	ND	4	190	1	2	2	69	3.86	.146	63	95	1.96	57	.08	2	2.51	.04	.19	1	1
FX 411512	1	14	21	99	.1	51	19	737	4.43	7	5	ND	5	165	2	2	2	80	3.37	.152	71	111	2.15	36	.23	4	2.63	.03	.13	1	3
FX 411513	1	23	29	99	.1	46	18	700	4.51	7	5	ND	7	162	2	2	2	84	2.88	.161	80	100	1.96	60	.29	2	2.48	.03	.16	2	4
FX 411514	1	20	28	97	.1	42	16	699	4.21	5	5	ND	6	185	1	2	2	75	3.40	.144	73	95	1.88	49	.28	5	2.32	.03	.14	1	4
FX 411515	1	20	29	104	.1	39	16	716	4.11	5	5	ND	5	194	2	2	2	76	3.25	.146	68	91	2.00	46	.27	2	2.46	.03	.14	1	2
FX 411516	1	20	25	61	.1	30	10	556	3.21	2	5	ND	5	162	2	2	2	67	2.64	.107	67	83	1.50	41	.31	3	1.94	.02	.16	2	1
FX 411517	1	18	24	71	.1	30	12	553	3.43	2	5	ND	6	169	1	2	2	62	2.46	.141	61	76	1.61	39	.30	3	2.13	.02	.20	3	2
STD C/AU-R	20	63	42	139	8.2	75	32	1164	4.18	42	16	8	37	51	20	14	21	61	.48	.095	42	60	.91	176	.07	38	2.04	.06	.14	12	520

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
FX 411518	1	19	31	53	.1	22	8	474	2.57	4	5	ND	6	197	1	2	2	42	2.87	.161	58	59	1.29	38	.24	3	1.82	.03	.19	1	1
FX 411519	1	20	23	78	.1	31	12	680	3.83	3	5	ND	6	247	2	2	2	50	4.02	.143	56	64	1.98	32	.22	3	2.65	.03	.17	1	3
FX 411520	1	30	34	79	.1	31	11	615	3.58	7	5	ND	6	224	2	2	2	50	3.62	.144	56	68	1.92	36	.23	4	2.49	.03	.18	1	3
FX 411521	1	14	25	68	.1	32	10	542	3.27	2	5	ND	6	210	2	2	2	50	3.47	.126	58	62	1.59	39	.23	3	2.17	.03	.19	2	4
FX 411522	2	19	35	55	.1	19	8	498	3.56	5	5	ND	7	198	2	2	2	38	3.29	.129	46	48	1.25	39	.23	2	1.94	.03	.22	1	7
FX 411523	1	20	27	65	.1	25	7	547	3.64	6	5	ND	7	204	2	2	2	38	3.37	.133	52	52	1.39	41	.20	2	2.07	.03	.21	1	5
FX 411524	1	11	20	23	.1	12	3	669	1.34	2	5	ND	2	240	1	2	2	14	9.04	.047	24	23	.58	28	.12	2	.85	.02	.11	1	1
FX 411525	1	20	25	77	.1	31	11	586	4.48	2	5	ND	6	239	2	2	2	42	2.74	.147	44	63	1.80	44	.22	2	2.72	.04	.25	1	4
FX 411526	1	21	24	88	.1	32	12	603	4.17	2	5	ND	6	250	2	2	2	48	3.36	.160	51	68	1.86	57	.23	3	2.70	.04	.21	1	3
FX 411527	1	23	31	77	.1	34	14	515	3.98	3	5	ND	5	241	2	2	2	43	2.33	.140	43	59	1.55	46	.24	2	2.27	.04	.23	1	6
FX 411528	1	21	17	81	.1	38	12	638	4.00	2	5	ND	5	271	2	2	2	51	4.14	.174	57	67	1.83	50	.23	2	2.58	.04	.20	2	2
FX 411529	1	23	27	108	.1	47	16	832	4.70	6	5	ND	6	284	3	2	2	66	5.34	.209	73	86	2.31	44	.22	2	3.12	.04	.17	1	1
FX 411530	1	18	25	67	.1	32	12	588	3.80	2	5	ND	5	274	2	2	2	44	3.77	.136	56	64	1.64	62	.25	3	2.34	.04	.23	1	5
FX 411531	1	19	30	75	.1	36	12	610	3.69	2	5	ND	6	261	2	2	2	43	3.84	.159	64	65	1.81	47	.23	2	2.43	.04	.20	1	3
FX 411532	1	20	30	74	.2	34	13	576	3.58	5	5	ND	6	256	2	2	2	36	3.36	.159	57	61	1.84	47	.23	2	2.46	.04	.22	1	4
FX 411533	1	17	27	64	.1	30	10	544	2.97	4	5	ND	6	272	2	2	2	33	3.89	.132	53	56	1.55	49	.21	2	2.13	.04	.23	1	3
FX 411534	2	20	15	77	.3	36	15	524	3.81	12	5	ND	5	268	2	2	2	41	2.41	.148	59	64	1.74	47	.23	2	2.36	.05	.25	1	8
FX 411535	2	21	36	97	.1	43	14	750	3.93	4	5	ND	5	260	3	2	2	64	4.42	.172	69	87	1.90	54	.22	3	2.58	.04	.19	1	2
FX 411536	2	21	26	73	.1	38	14	650	3.62	5	5	ND	4	224	2	2	2	59	3.82	.153	60	74	1.63	37	.17	2	2.00	.03	.11	1	2
FX 411537	4	19	26	92	.1	39	15	770	4.05	7	5	ND	6	251	2	2	2	71	4.01	.169	76	80	1.89	48	.15	5	2.43	.04	.18	1	5
FX 411538	3	24	20	75	.2	31	15	612	3.74	10	5	ND	6	244	1	2	2	55	3.12	.175	80	79	1.80	41	.07	5	2.25	.04	.19	1	6
FX 411539	8	24	26	68	.1	35	17	501	3.58	8	5	ND	7	262	2	2	2	51	2.94	.200	91	69	1.51	39	.02	6	2.02	.04	.22	1	8
FX 411540	1	21	19	82	.1	41	15	627	4.27	5	5	ND	8	241	1	2	2	72	3.29	.194	78	86	1.78	64	.10	6	2.12	.04	.15	1	5
FX 411541	1	21	16	82	.1	44	16	651	4.39	3	5	ND	10	253	2	2	2	77	3.81	.173	72	95	2.19	64	.17	2	2.68	.05	.18	1	1
FX 411542	1	19	24	70	.1	36	13	600	3.75	2	5	ND	11	191	1	2	2	69	2.77	.186	72	98	1.80	52	.15	2	2.19	.04	.16	1	1
FX 411543	1	23	20	82	.1	50	18	648	4.59	4	5	ND	11	208	2	2	2	87	3.18	.182	76	101	2.06	59	.17	3	2.54	.05	.15	1	2
FX 411544	1	17	14	71	.1	47	15	592	4.21	6	5	ND	9	268	1	2	2	83	3.69	.173	64	93	1.84	69	.12	2	2.14	.04	.17	1	4
FX 411545	1	23	22	71	.1	32	15	591	5.87	5	5	ND	6	185	2	2	2	48	2.22	.163	52	72	1.73	62	.13	2	2.97	.04	.26	2	4
FX 411546	1	28	23	91	.1	35	14	711	4.57	5	5	ND	7	334	1	2	2	39	3.32	.196	98	66	2.30	70	.05	7	3.18	.06	.31	1	2
FX 411547	2	11	17	23	.1	15	7	463	1.33	5	5	ND	4	438	1	2	2	16	7.71	.097	58	21	.55	45	.10	4	1.02	.03	.24	4	2
FX 411548	2	16	16	41	.1	23	11	317	2.01	5	5	ND	6	262	1	2	2	24	2.50	.164	94	38	.98	65	.09	2	1.64	.05	.33	3	4
FX 411549	1	21	17	83	.1	41	17	697	4.09	3	5	ND	5	241	1	2	2	59	4.25	.179	74	84	2.13	64	.10	4	2.48	.04	.18	1	4
FX 411550	1	18	14	86	.2	46	17	695	4.33	10	5	ND	7	231	1	2	2	64	3.61	.189	76	95	2.03	66	.08	6	2.39	.04	.21	1	8
FX 411551	221	16	34	58	6.7	39	15	611	3.96	402	5	ND	7	181	1	4	2	58	4.77	.142	59	57	1.00	44	.04	3	1.20	.02	.21	1	390
FX 411552	212	15	29	58	7.2	41	15	276	4.08	448	5	ND	6	92	1	6	2	70	.77	.148	66	63	1.17	51	.08	2	1.30	.02	.22	1	520
FX 411553	97	19	27	83	3.6	49	20	449	4.59	312	5	ND	7	123	1	5	2	74	1.60	.173	74	84	1.41	49	.09	4	1.66	.02	.20	3	149
STD C/AU-R	20	60	42	136	7.9	73	31	1063	4.10	41	18	8	37	50	20	20	19	60	.49	.098	41	60	.91	174	.07	39	2.05	.06	.14	13	480

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
FX 411554	40	18	19	56	2.9	35	12	285	3.56	155	5	ND	7	94	1	2	4	49	.87	.130	62	62	1.05	37	.08	2	1.19	.02	.15	1	151
FX 411555	17	18	29	55	1.3	35	12	268	3.06	160	5	ND	4	175	1	2	3	35	1.97	.122	68	44	.95	37	.09	5	1.20	.03	.20	1	87
FX 411556	3	23	19	69	1.0	40	16	472	3.74	145	5	ND	6	166	1	2	2	48	1.24	.158	83	73	1.77	37	.08	2	2.00	.04	.17	1	68
FX 411557	151	10	17	30	2.4	20	7	470	1.85	81	5	ND	3	244	1	2	2	21	5.04	.066	31	29	.64	20	.01	4	.65	.01	.11	1	90
FX 411558	14	16	17	32	.4	17	8	322	1.78	21	5	ND	5	266	1	2	2	21	2.54	.145	81	24	.65	56	.01	2	1.19	.05	.29	1	26
FX 411559	1	24	21	76	.2	34	14	532	3.47	10	5	ND	5	213	1	2	2	65	3.27	.177	60	75	1.73	37	.11	2	2.16	.03	.13	2	4
FX 411560	1	21	23	81	.1	39	15	601	3.84	7	5	ND	5	217	2	2	2	75	3.61	.159	65	86	1.99	46	.21	4	2.24	.04	.10	1	3
FX 411561	1	22	25	87	.1	43	15	597	4.19	7	5	ND	5	176	2	2	2	74	3.06	.176	71	94	1.90	35	.19	2	2.36	.03	.11	1	1
FX 411562	2	19	20	69	.3	38	14	516	4.13	8	5	ND	6	151	1	2	2	58	2.81	.135	61	74	1.44	35	.13	2	1.96	.03	.14	1	6
FX 411563	1	19	24	86	.1	38	17	625	4.11	10	5	ND	6	163	2	2	2	70	3.40	.182	72	89	1.88	50	.14	2	2.46	.04	.16	1	1
FX 411564	1	15	26	58	.1	29	11	514	3.92	8	5	ND	6	122	2	2	2	54	2.67	.145	48	68	1.59	32	.07	2	2.09	.03	.12	1	4
FX 411565	1	21	23	61	.1	27	9	561	5.47	14	5	ND	8	165	3	2	2	67	2.82	.152	55	82	1.53	59	.09	2	2.53	.04	.18	2	3
FX 411566	1	21	18	79	.1	38	15	619	3.96	4	5	ND	8	252	2	2	2	66	4.17	.156	70	87	1.69	40	.11	2	2.12	.03	.13	1	2
FX 411567	1	20	17	82	.1	41	14	627	4.01	6	5	ND	8	202	2	2	2	77	3.88	.163	73	91	1.93	45	.14	3	2.32	.04	.14	1	1
FX 411568	1	20	16	82	.1	35	14	585	4.24	8	5	ND	5	194	1	2	5	71	3.42	.179	70	88	1.90	56	.06	3	2.37	.03	.11	2	3
FX 411569	1	26	33	74	.1	35	13	588	3.34	4	5	ND	6	261	1	2	2	33	3.28	.148	90	62	2.00	41	.03	2	2.47	.04	.22	1	1
FX 411570	1	24	15	71	.1	32	12	533	4.21	6	5	ND	6	239	1	2	2	36	2.73	.128	67	55	1.95	37	.02	3	2.54	.04	.21	1	7
FX 411571	1	25	26	81	.2	39	15	575	3.82	4	5	ND	5	250	1	2	2	41	3.22	.139	81	58	1.80	37	.01	2	2.21	.04	.20	1	8
FX 411572	3	28	30	100	.1	74	20	538	3.96	22	5	ND	6	353	2	2	2	62	3.80	.189	49	61	2.19	56	.05	4	2.32	.07	.21	1	28
FX 411573	7	27	37	105	.1	66	17	493	4.42	16	5	ND	6	331	2	2	2	45	3.05	.190	46	64	2.18	57	.10	6	2.49	.07	.21	1	32
FX 411574	11	23	22	105	.1	65	21	477	4.38	19	15	ND	7	315	2	2	2	63	3.10	.201	57	65	1.87	48	.12	2	2.18	.07	.20	1	14
FX 411575	2	24	20	76	.1	45	18	524	4.88	11	5	ND	6	200	2	2	2	59	3.38	.179	63	91	1.93	38	.22	3	2.13	.04	.14	1	4
FX 411576	2	20	20	74	.1	44	18	575	4.65	17	5	ND	5	228	1	2	2	54	3.72	.180	54	94	2.18	38	.20	2	2.32	.05	.15	1	10
FX 411577	4	26	40	60	.6	50	16	523	4.13	20	5	ND	5	272	1	2	2	36	4.06	.156	39	77	1.63	35	.02	6	1.80	.05	.18	2	104
FX 411578	1	24	27	95	.6	54	18	723	4.29	14	5	ND	4	297	1	2	2	50	4.39	.188	56	93	2.60	36	.01	4	2.73	.06	.15	1	85
FX 411579	1	22	13	95	.1	48	17	766	4.44	7	5	ND	4	287	1	2	2	55	4.64	.182	66	97	2.67	33	.06	2	2.89	.06	.15	1	22
FX 411580	2	25	25	73	.2	52	18	611	4.49	17	5	ND	5	270	1	2	4	43	3.80	.184	50	100	2.27	35	.05	3	2.30	.05	.15	1	66
FX 411581	5	22	32	61	.4	45	17	480	4.18	15	5	ND	4	282	1	2	2	31	3.52	.143	37	70	1.61	38	.01	2	1.85	.05	.21	1	68
FX 411582	5	21	27	54	.4	49	15	479	4.06	15	5	ND	4	292	1	2	4	27	3.83	.146	38	71	1.53	43	.03	2	1.65	.05	.16	1	91
FX 411583	6	19	29	66	.2	49	18	481	4.09	13	5	ND	4	279	1	2	2	33	3.06	.161	40	65	1.62	42	.01	3	1.85	.06	.19	1	61
FX 411584	3	23	21	72	.2	48	17	691	4.27	11	5	ND	5	266	1	2	2	43	4.55	.159	52	89	2.03	38	.01	3	2.11	.05	.16	1	56
FX 411585	10	24	32	86	.1	46	18	527	4.35	11	5	ND	5	294	1	2	2	39	1.95	.207	46	56	1.90	39	.01	5	2.23	.06	.20	3	42
FX 411586	8	23	27	74	.1	48	18	476	4.35	15	5	ND	5	315	1	2	2	38	2.85	.198	45	56	1.69	42	.01	3	2.00	.07	.20	1	30
FX 411587	5	19	19	66	.1	50	17	539	4.58	9	5	ND	4	307	1	2	2	40	4.29	.163	37	73	1.72	40	.01	3	1.91	.06	.19	1	23
FX 411588	6	19	22	74	.1	47	19	564	4.19	11	5	ND	5	350	1	2	2	39	4.00	.185	46	68	1.92	41	.01	4	2.24	.07	.22	1	29
FX 411589	8	22	24	59	.2	57	18	454	4.37	10	5	ND	5	314	1	2	2	33	3.60	.180	45	69	1.49	41	.01	4	1.92	.07	.27	1	39
STD C/AU-R	19	61	38	137	7.5	71	31	1039	4.25	41	18	8	37	49	20	14	23	61	.49	.096	40	58	.90	172	.06	36	2.02	.06	.14	12	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
FX 411590	1	23	8	65	.1	46	14	512	3.74	34	5	ND	4	204	1	2	2	38	2.46	.140	47	76	1.92	31	.01	2	2.09	.05	.16	1	48
FX 411591	2	22	24	57	.1	39	13	501	3.60	19	5	ND	4	226	1	3	2	32	2.89	.134	42	75	1.70	28	.01	3	1.82	.05	.16	1	61
FX 411592	2	21	13	70	.1	40	14	562	3.79	13	5	ND	6	222	2	2	2	60	2.87	.156	69	84	2.16	37	.14	2	2.33	.04	.10	1	16
FX 411593	1	23	8	78	.1	40	13	651	4.01	6	5	ND	9	215	2	2	2	79	2.73	.148	65	98	2.35	120	.23	2	2.46	.04	.09	1	4
FX 411594	1	23	25	82	.1	39	15	558	3.77	11	5	ND	10	202	1	3	2	74	2.81	.158	68	100	2.01	57	.21	2	2.21	.04	.11	1	6
FX 411595	1	21	22	80	.1	44	16	551	3.92	4	5	ND	10	215	1	3	2	60	2.83	.164	73	95	1.95	76	.05	3	2.17	.04	.12	1	10
FX 411596	5	23	25	65	1.1	54	17	414	4.03	32	5	ND	8	210	1	3	2	42	2.16	.162	67	76	1.59	30	.09	5	1.89	.04	.17	1	46
FX 411597	8	21	15	48	.3	37	13	351	3.09	20	5	ND	5	227	1	2	2	30	2.04	.111	45	61	1.33	24	.07	4	1.49	.05	.16	1	44
FX 411598	4	26	21	42	.1	39	14	387	2.97	15	5	ND	3	248	1	2	2	20	2.66	.078	28	47	1.30	20	.02	4	1.31	.05	.14	1	59
FX 411599	3	26	19	37	.5	46	14	363	3.37	17	5	ND	4	219	1	2	2	25	2.37	.127	28	53	1.26	21	.02	2	1.32	.05	.16	2	67
FX 411600	3	27	22	43	.6	52	16	336	4.11	13	5	ND	6	227	1	2	2	27	2.32	.174	38	80	1.21	20	.03	2	1.30	.05	.17	2	55
FX 411601	5	28	21	43	.5	52	17	296	4.74	30	5	ND	6	196	1	2	2	26	1.82	.190	42	104	.98	22	.01	5	1.08	.05	.14	2	75
FX 411602	9	20	22	45	.3	51	15	340	4.63	49	5	ND	8	201	1	2	2	30	2.24	.168	46	80	1.08	24	.02	2	1.25	.05	.19	1	73
FX 411603	16	32	38	40	1.8	63	18	235	8.73	77	5	ND	9	153	2	3	2	20	1.47	.160	39	57	.59	21	.03	2	.86	.04	.18	2	125
FX 411604	1	24	10	85	.1	40	14	650	4.10	18	5	ND	8	197	1	2	2	51	2.68	.160	64	78	1.87	23	.11	2	2.37	.04	.16	1	8
FX 411605	1	28	12	81	.1	44	14	663	4.06	17	5	ND	7	192	1	2	2	48	2.34	.163	68	82	1.75	26	.06	2	2.35	.04	.17	1	3
FX 411606	2	23	17	91	.2	48	16	657	4.19	17	5	ND	9	183	1	2	2	58	2.78	.160	63	87	2.12	19	.09	2	2.35	.04	.12	2	16
FX 411607	1	20	19	77	.1	40	14	612	3.86	12	5	ND	3	248	1	2	2	37	2.39	.145	51	69	2.67	26	.03	3	2.69	.06	.15	1	17
FX 411608	1	18	16	71	.1	44	12	635	3.15	7	5	ND	4	276	1	2	2	31	2.84	.113	45	62	2.35	23	.02	4	2.31	.06	.15	1	12
FX 411609	2	23	15	86	.1	39	13	599	3.91	7	5	ND	10	212	2	2	2	75	2.98	.154	67	95	2.20	129	.23	3	2.25	.04	.11	3	2
STD C/AU-R	19	63	43	137	7.0	71	31	1024	4.21	42	18	7	39	50	20	14	20	61	.48	.092	40	55	.93	177	.07	34	2.02	.06	.13	12	490

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD, B.C.
BH 72474
FX 411610-411882

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 28 1989 DATE REPORT MAILED: March 31/89 SIGNED BY C. Leong ..D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-0658 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
FX 411610	1	41	14	106	.1	22	14	492	2.90	8	5	ND	4	193	1	2	2	30	4.16	.142	54	32	1.52	24	.01	3	1.63	.01	.16	1	11
FX 411611	1	30	17	73	.1	25	16	550	3.45	9	5	ND	5	259	1	2	2	35	3.96	.145	53	37	1.72	20	.01	2	1.77	.01	.15	1	13
FX 411612	1	34	26	122	.2	26	15	564	3.28	9	5	ND	5	331	2	2	2	32	4.69	.142	51	33	1.57	20	.01	2	1.65	.01	.16	1	14
FX 411613	1	30	14	64	.1	22	15	523	3.22	8	5	ND	5	420	1	2	2	29	4.93	.129	49	32	1.49	29	.01	4	1.58	.01	.17	3	16
FX 411614	1	22	14	60	.1	18	11	580	2.73	7	5	ND	4	545	1	2	2	25	6.65	.120	42	28	1.36	23	.01	2	1.47	.01	.15	1	13
FX 411615	1	24	11	71	.1	25	16	536	3.45	11	5	ND	5	204	1	2	2	36	3.46	.149	51	37	1.72	23	.01	2	1.90	.01	.19	3	14
FX 411616	1	29	22	80	.1	19	14	601	3.26	8	5	ND	4	264	1	2	2	31	4.66	.129	40	36	1.57	18	.01	2	1.69	.01	.16	1	15
FX 411617	1	34	25	51	.1	19	9	481	2.40	18	5	ND	3	222	1	3	2	24	4.14	.097	31	38	1.23	11	.01	2	1.73	.01	.10	1	12
FX 411618	1	31	16	70	.1	29	14	654	3.46	7	5	ND	5	321	2	2	2	33	4.60	.155	42	38	1.76	19	.01	4	1.88	.01	.16	1	12
FX 411619	1	31	24	68	.1	21	12	551	3.43	8	5	ND	4	243	1	2	2	33	3.55	.147	38	35	1.77	22	.01	3	1.88	.01	.17	1	12
FX 411620	1	36	9	80	.1	29	13	543	3.51	11	5	ND	5	219	1	2	2	32	3.25	.159	43	39	1.80	15	.01	2	1.88	.01	.15	1	8
FX 411621	1	26	12	62	.1	23	12	475	3.59	9	5	ND	4	202	1	2	2	31	3.04	.133	45	36	1.58	19	.01	2	1.66	.01	.16	1	14
FX 411622	1	29	4	79	.1	26	14	605	3.78	5	5	ND	5	199	1	2	2	44	3.21	.155	64	44	2.05	32	.01	5	2.12	.01	.15	1	13
FX 411623	1	31	14	79	.1	23	14	571	3.80	10	5	ND	5	180	1	2	2	43	3.42	.154	73	43	2.01	24	.01	3	2.02	.01	.15	1	12
FX 411624	2	27	7	73	.4	24	12	379	3.62	7	5	ND	4	114	1	2	2	33	1.63	.135	64	42	1.49	23	.01	2	1.48	.01	.15	1	21
FX 411625	1	28	8	75	.1	24	15	582	3.83	9	5	ND	4	161	1	2	2	45	2.93	.158	75	45	1.90	22	.01	2	1.90	.01	.16	2	30
FX 411626	1	30	12	64	.3	25	12	611	3.40	19	5	ND	4	172	1	2	2	39	4.02	.134	60	43	1.53	25	.01	4	1.54	.01	.15	1	27
FX 411627	2	32	9	114	.2	25	17	552	4.41	155	5	ND	5	142	1	2	2	72	1.59	.177	78	57	2.29	28	.01	2	2.24	.01	.15	1	27
FX 411628	3	18	21	62	.5	22	13	576	3.31	93	5	ND	5	274	1	3	2	40	5.26	.134	60	40	1.38	26	.01	2	1.38	.01	.15	1	49
FX 411629	1	29	19	75	.6	24	14	504	3.88	95	5	ND	5	176	1	2	2	44	2.73	.163	62	46	1.64	27	.01	2	1.66	.01	.18	1	41
FX 411630	2	29	20	68	.6	22	13	566	3.70	60	5	ND	5	274	1	2	2	41	3.81	.155	68	43	1.66	29	.01	4	1.65	.01	.16	1	39
FX 411631	2	32	12	72	.2	21	17	650	3.85	24	5	ND	6	275	1	2	2	49	4.46	.167	69	47	1.43	43	.01	10	1.59	.01	.19	1	21
FX 411632	2	35	22	86	.4	33	18	637	4.21	45	5	ND	8	153	1	2	2	58	2.37	.186	80	55	1.56	21	.01	3	1.75	.01	.18	1	86
FX 411633	12	23	12	44	1.5	20	9	783	2.60	251	5	ND	4	467	1	2	2	27	10.29	.103	48	29	.76	22	.01	2	.84	.01	.15	2	230
FX 411634	3	36	11	73	.9	26	15	583	4.18	61	5	ND	8	174	1	2	2	49	2.66	.184	78	55	1.24	27	.01	4	1.45	.01	.22	2	59
FX 411635	2	34	15	76	.5	25	16	734	4.03	27	5	ND	7	258	1	2	2	46	4.19	.170	79	46	1.74	27	.01	2	1.35	.01	.19	1	23
FX 411636	5	25	7	62	.9	26	14	524	3.87	221	5	ND	6	213	1	2	2	42	3.03	.147	65	43	1.28	26	.01	2	1.35	.01	.16	1	86
FX 411637	3	31	17	82	.4	28	17	569	4.01	82	5	ND	8	159	1	2	2	55	2.58	.184	80	53	1.50	43	.01	4	1.70	.01	.19	1	51
FX 411638	9	35	11	69	1.3	29	13	394	3.77	329	5	ND	6	117	1	2	2	48	1.58	.167	77	45	1.45	27	.01	2	1.50	.01	.17	2	610
FX 411639	14	32	19	54	1.1	25	10	479	3.22	293	5	ND	5	261	1	2	2	36	3.85	.136	66	36	1.07	18	.01	2	1.18	.01	.15	1	450
FX 411640	1	36	6	82	.5	28	16	451	4.17	168	5	ND	7	130	1	2	3	50	1.81	.180	82	47	1.64	27	.01	3	1.71	.01	.18	1	49
FX 411641	1	29	15	73	.1	26	14	590	4.07	6	5	ND	7	233	1	2	2	40	3.94	.175	78	44	1.47	24	.01	4	1.54	.01	.18	3	23
FX 411642	2	39	25	76	.1	29	13	669	3.82	10	5	ND	7	252	1	2	2	42	4.20	.173	80	45	1.61	30	.01	2	1.71	.01	.19	1	24
FX 411643	1	32	9	77	.1	27	15	802	4.11	16	5	ND	6	229	1	2	2	43	4.15	.162	77	47	1.91	38	.01	2	2.23	.01	.20	1	13
FX 411644	1	25	10	57	.1	24	12	682	3.28	21	5	ND	4	247	1	2	2	36	4.24	.133	57	39	1.53	30	.01	2	1.71	.01	.17	1	18
FX 411645	1	28	9	67	.2	24	12	598	3.57	36	5	ND	4	176	1	2	2	41	2.83	.147	62	42	1.84	25	.01	2	1.91	.01	.17	1	21
STD C/AU-R	20	63	43	141	7.5	72	32	1058	4.34	39	16	8	39	50	19	14	22	63	.50	.099	41	60	.95	175	.07	40	1.91	.06	.13	13	530

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
FX 411646	1	28	16	63	.2	20	13	534	3.38	34	5	ND	3	153	1	2	2	43	2.71	.132	62	40	1.64	40	.01	2	1.99	.01	.26	1	34
FX 411647	1	28	13	64	.5	25	14	487	3.27	195	5	ND	4	213	1	3	2	36	3.07	.131	65	42	1.39	36	.01	8	1.69	.01	.25	1	43
FX 411648	3	20	9	55	.7	16	8	1332	2.51	141	5	ND	1	829	1	2	2	32	17.32	.104	49	26	1.39	21	.01	4	1.64	.01	.18	1	73
FX 411649	1	34	2	79	.5	26	14	655	4.26	75	5	ND	4	176	2	2	3	56	2.43	.155	79	46	2.22	40	.01	3	2.56	.01	.27	1	32
FX 411650	3	21	17	58	.6	21	11	580	4.06	88	5	ND	4	252	1	3	2	43	3.80	.100	63	44	1.43	30	.01	3	1.61	.01	.24	1	56
FX 411651	1	21	16	74	.5	28	12	633	4.25	25	5	ND	5	224	1	2	4	50	3.47	.158	80	54	1.77	27	.01	8	2.06	.01	.24	1	31
FX 411652	1	32	17	74	.7	44	17	606	4.02	26	5	ND	4	175	1	2	2	50	2.73	.144	69	59	1.88	30	.01	4	2.11	.01	.23	1	34
FX 411653	1	14	16	64	.7	32	15	437	3.44	30	5	ND	6	130	1	3	2	45	1.80	.131	69	56	1.43	30	.01	9	1.56	.01	.27	1	60
FX 411654	5	22	12	65	1.1	30	15	334	3.84	86	5	ND	4	97	1	3	3	48	.85	.130	63	44	1.69	40	.01	2	1.60	.01	.28	1	148
FX 411655	5	15	17	53	1.5	31	15	542	2.99	77	5	ND	3	210	1	2	3	40	3.61	.105	48	46	1.39	29	.01	4	1.33	.01	.22	1	226
FX 411656	4	22	16	80	1.2	39	18	377	4.08	102	5	ND	5	107	1	2	2	57	.84	.135	66	55	2.09	39	.02	2	2.00	.01	.32	2	730
FX 411657	4	22	17	57	.9	28	13	308	3.23	88	5	ND	4	111	1	2	2	42	.99	.119	57	54	1.58	32	.01	3	1.50	.01	.27	1	240
FX 411658	13	8	9	36	5.7	15	4	624	1.80	36	5	12	2	511	1	2	2	21	9.04	.057	27	33	1.04	20	.01	8	.94	.01	.14	2	15500
FX 411659	22	11	12	33	.9	20	7	338	1.77	62	5	ND	3	249	1	2	2	18	3.12	.060	34	48	.77	16	.01	14	.79	.01	.16	1	430
FX 411660	3	26	20	60	.6	32	12	340	3.59	58	5	ND	6	120	1	3	2	44	1.11	.119	64	56	1.67	38	.01	2	1.61	.01	.25	1	157
FX 411661	43	12	16	43	1.0	18	8	319	2.48	56	5	ND	4	210	1	2	2	27	1.81	.082	41	55	1.17	27	.01	2	1.12	.01	.19	3	300
FX 411662	82	13	15	38	1.7	18	6	355	1.95	67	5	ND	3	302	1	2	5	22	2.29	.068	36	29	.99	18	.01	2	.95	.01	.15	2	340
FX 411663	6	19	17	73	.5	29	14	314	3.86	42	5	ND	8	176	1	2	2	46	1.04	.146	85	65	1.65	45	.01	2	1.92	.02	.24	1	31
FX 411664	1	21	21	74	.2	28	13	529	3.75	29	5	ND	5	234	1	2	3	38	2.48	.144	85	52	1.89	43	.01	2	2.38	.03	.24	1	17
FX 411665	1	20	16	61	.3	27	12	1002	3.10	14	5	ND	4	533	1	2	2	32	8.06	.107	69	49	1.43	109	.01	2	1.94	.02	.23	1	14
FX 411666	1	18	21	81	.2	28	13	738	3.49	3	5	ND	5	397	1	2	2	34	4.67	.147	90	56	1.84	30	.01	2	2.41	.04	.27	1	11
FX 411667	2	15	17	79	.2	21	11	833	3.16	6	5	ND	5	463	1	2	2	33	7.37	.135	75	49	1.67	34	.01	3	2.20	.03	.26	1	9
FX 411668	4	21	23	63	.1	25	12	565	3.73	8	5	ND	6	340	1	2	3	28	3.84	.143	84	46	1.18	46	.01	2	1.64	.04	.30	1	18
FX 411669	5	15	22	44	.1	25	13	460	3.35	9	5	ND	6	304	1	2	2	19	3.34	.115	86	41	.76	42	.01	2	1.26	.04	.29	1	16
FX 411670	6	16	27	50	.3	24	10	496	3.56	21	5	ND	6	355	1	3	2	24	3.46	.118	87	36	1.04	38	.01	3	1.53	.04	.31	1	20
FX 411671	2	18	15	64	.1	25	11	600	3.28	7	5	ND	7	326	1	2	2	41	3.86	.113	74	63	1.70	70	.01	3	2.05	.03	.20	1	6
FX 411672	1	18	21	58	.1	25	11	495	3.11	7	5	ND	10	264	1	2	2	36	3.66	.130	80	56	1.49	73	.01	11	1.70	.03	.21	1	11
FX 411673	1	17	21	54	.1	21	10	669	2.67	4	5	ND	9	324	1	2	2	31	8.13	.115	65	59	1.37	63	.01	4	1.70	.03	.24	1	8
FX 411674	1	23	17	87	.1	29	14	551	3.81	7	5	ND	7	282	1	2	2	43	3.54	.149	86	66	1.88	59	.01	9	2.36	.04	.24	1	8
FX 411675	1	20	16	86	.1	41	14	600	3.77	12	5	ND	5	382	1	2	3	50	4.41	.163	85	73	2.05	72	.01	2	2.43	.04	.25	1	8
FX 411676	1	19	28	81	.1	38	13	564	3.83	3	5	ND	5	299	1	2	5	46	4.02	.149	81	65	2.18	61	.01	5	2.57	.04	.23	1	3
FX 411677	1	22	27	90	.1	42	16	647	3.84	8	5	ND	5	352	1	2	2	49	4.50	.158	85	72	2.07	72	.02	2	2.57	.04	.22	1	1
FX 411678	1	17	25	67	.2	26	12	491	3.61	8	5	ND	8	319	1	3	2	33	4.36	.128	84	48	1.50	52	.01	2	1.95	.04	.22	1	10
FX 411679	1	18	27	70	.2	26	13	530	3.30	9	5	ND	7	336	1	2	2	30	4.01	.118	77	55	1.52	59	.01	2	2.04	.04	.24	1	6
FX 411680	1	17	25	74	.2	30	13	523	3.60	5	5	ND	7	290	1	2	2	35	3.72	.134	79	52	1.74	68	.02	2	2.29	.04	.27	2	7
FX 411681	1	16	19	73	.1	28	13	535	3.28	6	5	ND	6	298	1	2	2	38	3.85	.127	74	67	1.86	74	.02	3	2.22	.04	.24	1	3
STD C/AU-R	20	63	40	139	7.8	69	31	1062	4.10	42	22	7	38	49	19	15	22	63	.49	.091	40	57	.91	174	.07	41	2.03	.06	.13	12	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
FX 411682	1	19	22	81	.1	31	9	475	3.21	2	5	ND	3	291	1	2	2	30	3.52	.146	74	60	1.70	53	.01	2	2.21	.04	.20	1	7
FX 411683	1	19	30	90	.1	36	13	683	3.29	8	5	ND	4	369	2	2	2	29	6.52	.152	77	53	1.80	53	.01	6	2.42	.05	.22	1	7
FX 411684	1	19	21	76	.1	29	11	686	2.95	5	5	ND	3	408	2	2	3	25	8.30	.124	63	42	1.65	44	.01	2	2.19	.04	.20	1	4
FX 411685	1	25	26	99	.1	40	15	614	4.10	3	5	ND	5	334	3	2	2	36	4.11	.170	87	67	2.33	62	.01	2	3.20	.06	.26	1	3
FX 411686	1	25	37	103	.1	46	17	584	4.27	2	5	ND	4	332	2	2	2	38	3.64	.184	93	69	2.38	62	.01	3	3.27	.06	.24	2	4
FX 411687	1	21	28	86	.1	34	15	747	3.73	10	5	ND	4	327	2	2	3	32	5.68	.157	78	60	2.06	53	.01	2	2.85	.05	.26	1	4
FX 411688	1	24	46	82	.2	42	15	680	3.64	11	5	ND	3	312	2	2	2	34	5.72	.150	79	61	1.77	54	.01	2	2.34	.05	.23	1	9
FX 411689	1	25	24	74	.1	34	14	484	3.72	17	5	ND	3	247	2	2	2	28	3.28	.150	84	54	1.52	55	.01	2	2.13	.05	.27	1	11
FX 411690	1	23	26	81	.1	35	13	598	3.78	14	5	ND	4	258	2	2	2	32	3.83	.149	79	58	1.71	48	.01	3	2.38	.05	.24	1	8
FX 411691	1	25	28	79	.1	29	13	633	3.57	15	5	ND	4	236	1	2	2	30	3.81	.140	70	53	1.72	41	.01	7	2.38	.04	.23	1	8
FX 411692	1	26	21	88	.1	37	14	635	3.92	19	5	ND	4	286	2	2	2	36	4.01	.149	76	67	1.92	63	.02	2	2.71	.04	.27	1	4
FX 411693	1	23	21	89	.1	35	13	684	4.09	10	5	ND	4	273	2	2	2	42	3.84	.158	83	70	1.88	55	.02	2	2.63	.04	.24	1	3
FX 411694	2	20	27	81	.1	36	13	653	3.94	22	5	ND	6	276	2	2	2	47	4.11	.163	78	67	1.55	57	.02	2	2.26	.05	.22	1	10
FX 411695	1	22	29	89	.1	36	15	527	3.97	15	5	ND	4	279	1	2	2	35	3.37	.166	81	56	1.75	71	.01	2	2.49	.05	.25	1	6
FX 411696	1	27	24	90	.1	43	14	639	3.82	11	5	ND	4	342	2	2	2	34	4.06	.173	83	63	1.92	73	.01	3	2.64	.05	.22	2	2
FX 411697	3	20	28	44	.1	23	10	295	2.85	17	5	ND	5	288	1	2	2	22	2.33	.147	87	27	.85	109	.07	3	1.64	.06	.33	3	10
FX 411698	2	20	20	35	.1	16	8	202	1.87	10	5	ND	4	275	1	2	2	20	1.81	.167	94	23	.56	126	.09	2	1.48	.06	.40	2	2
FX 411699	2	13	18	26	.1	15	4	185	1.23	4	5	ND	4	178	1	2	2	13	1.72	.102	70	17	.43	107	.09	4	.97	.04	.25	3	6
FX 411700	8	22	29	53	.3	26	13	213	3.45	4	5	ND	5	274	1	2	2	25	1.51	.188	98	35	.76	112	.17	3	1.72	.06	.35	1	18
FX 411701	7	19	40	51	.1	41	16	245	3.42	8	5	ND	6	292	1	2	2	22	2.01	.171	80	39	.65	106	.16	2	1.58	.07	.39	3	15
FX 411702	12	24	28	69	.8	30	13	412	4.97	148	5	ND	5	214	1	3	2	43	.91	.170	85	52	1.43	80	.01	2	2.33	.05	.29	1	34
FX 411703	14	17	42	42	.3	18	8	258	3.33	45	5	ND	4	162	1	2	2	31	.69	.100	62	35	.83	81	.01	4	1.31	.04	.25	1	21
FX 411704	1	24	28	78	.2	33	13	433	4.55	20	5	ND	6	222	2	2	3	37	.80	.167	94	58	1.56	61	.01	3	2.42	.06	.31	1	24
FX 411705	105	20	26	73	1.6	31	13	401	3.50	124	5	ND	5	185	1	2	2	38	1.76	.170	74	47	1.07	59	.01	4	1.61	.04	.27	3	74
FX 411706	9	18	21	54	.3	19	8	341	2.68	37	5	ND	4	160	1	2	2	29	1.06	.120	60	44	1.12	49	.13	2	1.56	.04	.25	1	18
FX 411707	12	15	36	69	.8	27	11	405	3.91	59	5	ND	4	192	1	6	2	42	1.52	.150	71	51	1.33	47	.04	2	1.91	.04	.27	1	3
FX 411708	2	21	21	73	.1	32	12	436	4.62	17	5	ND	6	241	2	2	3	34	1.58	.164	78	54	1.44	85	.03	4	2.61	.06	.31	1	11
FX 411709	1	20	28	64	.1	21	13	534	5.88	6	5	ND	6	262	2	2	2	36	2.48	.149	61	50	1.42	207	.03	2	2.85	.05	.31	1	14
FX 411710	1	19	14	112	.1	44	16	654	4.47	6	5	ND	6	328	2	2	2	49	4.44	.204	63	79	1.72	299	.07	8	2.71	.05	.28	2	8
FX 411711	1	20	26	109	.1	44	17	642	4.47	8	5	ND	4	289	2	2	2	49	4.33	.177	65	85	1.99	77	.10	2	2.92	.06	.24	2	6
FX 411712	1	18	27	55	.2	21	8	521	4.98	10	5	ND	5	223	2	2	2	34	2.86	.120	67	40	1.36	55	.15	2	2.73	.04	.34	1	8
FX 411713	2	20	25	80	.4	32	14	493	3.59	15	5	ND	6	330	1	2	2	49	3.68	.267	73	57	1.44	93	.13	2	2.39	.07	.34	2	12
FX 411714	1	17	21	31	.1	19	10	304	1.76	7	5	ND	5	312	1	2	2	21	3.56	.159	74	24	.58	220	.12	2	1.40	.06	.37	3	10
FX 411715	1	25	32	78	.1	37	13	477	3.47	7	5	ND	6	337	2	2	2	32	2.51	.219	105	51	1.52	111	.09	3	2.59	.08	.33	1	7
FX 411716	1	14	24	18	.1	10	7	378	1.02	6	5	ND	5	271	1	2	2	16	5.30	.147	51	18	.37	95	.13	2	1.03	.04	.32	2	6
FX 411717	1	20	19	54	.1	25	10	365	2.39	5	5	ND	6	324	1	2	2	26	2.63	.192	95	38	1.07	103	.14	2	1.99	.07	.34	1	8
STD C/AU-R	20	63	40	141	8.0	73	31	1062	4.16	44	20	8	40	52	20	15	22	60	.50	.093	42	58	.92	184	.07	40	2.00	.06	.13	13	470

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
FX 411718	1	19	34	82	.1	42	17	470	3.97	9	5	ND	6	322	2	2	2	43	1.98	.199	100	51	1.68	140	.09	2	2.69	.08	.42	2	20
FX 411719	1	13	14	18	.1	14	5	560	1.05	5	5	ND	5	314	1	2	2	26	5.99	.069	35	21	.35	214	.15	6	1.70	.04	.63	4	8
FX 411720	2	24	29	48	.1	28	13	416	2.64	4	5	ND	8	325	1	2	2	35	2.40	.187	96	46	.96	179	.04	2	2.46	.07	.70	3	14
FX 411721	1	21	28	75	.2	35	15	601	3.68	8	5	ND	4	275	1	3	2	46	2.94	.161	83	63	2.13	66	.02	2	2.57	.06	.29	1	12
FX 411722	1	21	28	76	.2	34	15	648	3.78	14	5	ND	4	265	1	2	2	42	3.65	.148	72	65	2.03	54	.04	2	2.46	.05	.25	1	7
FX 411723	3	19	28	68	.1	33	13	600	3.56	39	5	ND	5	277	1	2	2	37	3.58	.142	75	54	1.69	66	.03	2	2.16	.05	.28	1	12
FX 411724	3	22	28	80	.1	34	13	628	3.76	25	5	ND	5	312	1	2	2	39	3.70	.161	74	63	1.76	101	.06	11	2.39	.05	.33	1	9
FX 411725	2	21	24	83	.2	41	14	681	4.05	7	5	ND	5	301	1	3	2	48	3.96	.164	74	63	2.02	70	.08	4	2.57	.06	.29	1	11
FX 411726	3	22	26	83	.2	41	15	684	4.07	15	5	ND	5	281	1	2	3	46	3.39	.164	76	65	2.03	66	.05	2	2.63	.06	.31	1	9
FX 411727	3	22	29	83	.2	38	16	586	4.14	71	5	ND	6	196	1	2	2	47	2.21	.156	72	63	1.68	98	.06	2	2.18	.04	.27	1	14
FX 411728	4	23	18	91	.1	40	16	638	4.28	92	5	ND	7	192	2	2	2	51	1.99	.170	71	71	1.72	62	.15	3	2.40	.04	.27	1	3
FX 411729	9	18	23	81	.3	40	15	553	4.06	47	5	ND	7	189	1	2	2	50	2.15	.164	70	71	1.47	70	.23	7	2.24	.04	.32	2	9
FX 411730	1	18	16	82	.1	44	15	629	4.15	6	5	ND	7	272	1	2	2	66	3.82	.157	63	80	1.63	87	.14	2	2.19	.05	.25	1	7
FX 411731	2	19	15	82	.1	33	17	739	4.47	13	5	ND	5	270	1	3	2	56	4.33	.138	58	70	1.48	81	.13	4	2.18	.04	.23	1	16
FX 411732	3	20	21	92	.1	41	14	645	4.27	9	5	ND	6	313	2	2	2	46	4.36	.171	70	64	1.55	537	.23	2	2.50	.05	.29	1	6
FX 411733	1	17	26	66	.1	26	11	510	4.61	5	5	ND	6	270	1	2	2	30	2.67	.157	71	50	1.47	65	.03	3	2.52	.05	.36	1	14
FX 411734	1	20	20	89	.1	38	12	688	4.04	5	5	ND	5	321	1	2	2	44	5.55	.161	72	62	1.82	376	.05	3	2.46	.05	.25	1	4
FX 411735	5	17	6	81	.2	42	15	591	4.07	23	5	ND	5	255	1	3	2	37	3.57	.161	67	52	1.62	67	.06	2	2.23	.05	.29	1	17
FX 411736	8	27	29	133	.1	74	19	675	4.81	14	5	ND	5	301	1	3	2	48	4.19	.168	70	57	2.01	51	.01	2	2.49	.06	.29	1	26
FX 411737	8	27	26	109	.7	56	16	558	4.64	28	5	ND	5	255	1	2	2	50	2.52	.173	76	60	2.03	58	.02	2	2.49	.06	.30	1	31
FX 411738	13	22	28	75	1.8	44	14	390	3.90	48	5	ND	4	140	1	3	2	49	1.28	.158	62	62	1.50	60	.02	2	1.76	.03	.30	1	15
FX 411739	4	26	34	129	.3	52	18	658	4.72	11	5	ND	5	307	2	3	2	56	3.58	.197	80	61	2.17	62	.10	6	2.70	.07	.27	1	23
FX 411740	7	21	28	88	.1	36	13	505	3.95	15	5	ND	4	254	1	3	2	47	2.92	.151	57	47	1.49	57	.09	2	2.13	.05	.27	1	14
FX 411741	5	24	23	122	.2	71	21	602	4.58	19	5	ND	5	306	1	2	2	57	3.16	.177	78	57	1.84	67	.07	2	2.50	.07	.30	1	25
FX 411742	5	22	30	47	.9	31	11	353	4.52	13	5	ND	4	244	1	2	2	29	2.74	.133	64	34	.98	75	.10	2	1.58	.05	.35	2	29
FX 411743	6	24	35	68	.9	46	17	422	6.73	22	5	ND	5	250	1	2	2	40	2.45	.144	69	50	1.36	59	.11	2	1.96	.06	.35	1	57
FX 411744	1	24	27	85	.2	32	14	546	4.20	6	5	ND	5	269	1	3	2	51	3.08	.166	63	62	1.89	56	.15	2	2.45	.06	.26	2	12
FX 411745	2	40	18	81	.1	40	12	554	3.65	6	5	ND	10	200	1	2	2	44	3.25	.186	70	93	1.55	44	.10	8	2.06	.05	.24	2	6
FX 411746	1	25	28	90	.1	43	15	740	4.39	3	5	ND	9	167	1	2	2	80	2.73	.176	68	110	1.85	211	.22	4	2.33	.06	.20	1	5
FX 411747	1	28	26	89	.1	33	13	604	3.91	4	5	ND	10	159	1	2	2	92	3.22	.178	71	118	1.79	132	.30	2	2.14	.07	.20	1	1
FX 411748	1	26	27	91	.1	47	16	628	4.31	3	5	ND	9	166	2	3	2	92	2.68	.164	67	111	2.42	74	.28	2	2.46	.07	.19	1	2
FX 411749	1	26	8	82	.1	47	15	647	4.35	6	5	ND	10	186	2	2	2	85	3.59	.158	66	106	2.10	80	.24	2	2.34	.09	.25	1	1
FX 411750	1	26	25	92	.1	39	16	684	4.15	7	5	ND	11	184	1	2	2	84	3.55	.163	73	98	1.72	51	.22	2	2.22	.05	.21	2	4
FX 411751	1	24	13	98	.1	44	17	664	4.13	5	5	ND	12	163	1	2	2	106	2.75	.175	70	105	2.18	67	.26	4	2.43	.08	.21	1	3
FX 411752	1	29	11	88	.1	43	15	629	3.91	4	5	ND	12	185	1	3	2	86	3.04	.177	68	98	2.02	55	.25	6	2.39	.06	.19	1	2
FX 411753	2	25	26	97	.2	48	18	591	3.68	8	5	ND	10	161	1	2	2	94	3.40	.176	67	96	1.57	54	.31	3	2.03	.06	.17	1	4
STD C/AU-R	20	64	42	139	7.6	73	30	1057	4.10	43	16	8	38	50	19	14	21	61	.49	.095	40	57	.91	174	.07	37	2.03	.06	.13	12	520

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
FX 411754	2	27	19	97	.1	47	14	606	3.82	2	5	ND	7	184	2	2	3	83	2.91	.151	55	91	2.06	47	.22	3	2.24	.06	.13	1	5
FX 411755	2	22	25	84	.1	46	14	588	3.98	2	5	ND	7	218	2	2	2	80	2.96	.144	56	92	2.15	66	.20	2	2.39	.07	.15	1	2
FX 411756	1	26	20	93	.1	45	13	659	3.92	2	5	ND	5	215	2	2	2	75	3.34	.153	56	90	2.15	36	.20	2	2.47	.06	.15	1	3
FX 411757	2	24	31	77	.3	54	16	603	3.73	8	5	ND	4	196	2	2	2	53	3.90	.139	44	81	1.91	40	.17	2	2.25	.05	.20	2	30
FX 411758	9	30	37	69	.4	67	21	473	5.12	9	5	ND	4	176	1	2	2	35	2.78	.108	39	61	1.56	28	.17	3	1.82	.05	.19	3	53
FX 411759	12	33	40	61	.5	73	19	350	6.66	11	5	ND	5	212	3	2	3	27	1.78	.127	46	58	1.39	32	.17	2	1.83	.06	.27	1	66
FX 411760	4	31	26	83	.1	48	15	575	3.78	5	5	ND	4	243	2	2	3	36	3.75	.149	50	69	2.05	29	.14	2	2.33	.06	.22	1	47
FX 411761	4	20	31	71	.1	40	13	484	3.65	6	5	ND	4	226	1	2	2	31	3.11	.141	44	67	1.76	30	.11	3	1.94	.06	.21	1	51
FX 411762	6	26	38	66	.1	42	13	501	4.23	10	5	ND	4	196	2	2	2	34	3.13	.135	45	65	1.71	35	.10	2	1.95	.05	.23	3	43
FX 411763	4	21	17	52	.2	32	10	788	3.19	8	5	ND	3	245	1	2	2	27	8.00	.111	38	51	1.37	24	.06	2	1.56	.04	.20	1	39
FX 411764	3	21	33	75	.1	36	14	530	3.95	7	5	ND	3	198	1	2	3	36	2.74	.136	44	68	1.88	31	.06	2	2.06	.06	.22	1	48
FX 411765	6	22	31	64	.2	34	13	410	3.58	14	5	ND	3	167	2	3	2	31	2.11	.118	42	65	1.52	27	.09	2	1.62	.05	.21	1	41
FX 411766	6	23	22	74	.4	41	14	634	4.03	14	5	ND	5	170	1	2	2	45	2.38	.150	53	79	1.79	25	.10	5	2.03	.05	.19	1	35
FX 411767	4	25	31	88	.2	47	14	638	4.04	11	5	ND	7	182	2	2	2	52	3.05	.159	66	80	1.85	24	.12	2	2.31	.05	.21	1	18
FX 411768	3	25	34	86	.2	41	14	609	3.88	8	5	ND	6	160	1	2	3	53	2.66	.157	61	83	1.73	24	.14	3	2.14	.05	.17	2	18
FX 411769	3	22	16	78	.3	44	14	575	3.76	9	5	ND	6	166	1	2	2	46	3.01	.147	55	77	1.70	92	.17	5	2.13	.05	.22	2	21
FX 411770	2	25	27	85	.2	43	16	586	3.99	11	5	ND	7	137	1	2	3	57	2.24	.163	64	86	1.88	35	.17	2	2.26	.05	.19	1	21
FX 411771	2	25	36	89	.1	41	15	653	4.03	4	5	ND	9	143	1	2	2	65	2.50	.163	66	90	1.70	32	.18	3	2.14	.05	.19	1	12
FX 411772	2	20	24	79	.1	36	14	657	3.68	12	5	ND	8	123	1	2	2	58	2.14	.155	63	86	1.55	55	.16	4	1.95	.04	.19	1	9
FX 411773	3	28	27	84	.2	47	16	779	4.30	7	5	ND	9	128	1	2	2	62	2.61	.157	64	85	1.52	31	.16	3	2.07	.04	.18	1	22
FX 411774	2	24	20	92	.1	33	14	811	4.21	6	5	ND	8	156	2	2	2	68	3.33	.154	63	85	1.89	86	.24	3	2.31	.05	.16	1	3
FX 411775	5	21	33	73	.5	36	12	779	3.50	20	5	ND	7	143	2	2	2	48	4.65	.134	56	72	1.43	80	.19	2	1.68	.04	.20	3	22
FX 411776	1	25	23	93	.1	39	13	797	4.39	2	5	ND	8	128	2	2	2	70	3.27	.152	61	90	1.90	44	.27	2	2.37	.05	.18	1	5
FX 411777	4	23	39	81	.4	51	17	619	4.17	8	5	ND	8	138	2	2	2	69	2.66	.152	61	92	1.63	43	.26	2	2.05	.05	.20	2	25
FX 411778	1	25	26	91	.1	42	15	767	4.45	4	5	ND	8	143	2	2	2	78	3.08	.165	66	94	1.73	39	.26	2	2.30	.05	.20	3	6
FX 411779	3	51	34	82	.2	51	17	684	4.21	4	5	ND	8	128	1	3	2	79	2.68	.149	59	96	1.48	62	.26	2	1.94	.06	.19	1	24
FX 411780	2	23	22	87	.1	38	15	696	4.30	2	5	ND	8	166	3	2	2	78	3.71	.157	63	91	1.87	49	.28	2	2.19	.05	.15	1	6
FX 411781	1	22	26	79	.1	45	15	804	4.00	2	5	ND	8	183	3	2	2	73	4.38	.156	60	86	1.57	72	.27	3	1.96	.05	.16	1	12
FX 411782	1	26	22	88	.1	43	14	709	4.14	7	5	ND	9	155	2	2	2	80	3.36	.156	62	96	1.80	59	.28	4	2.12	.05	.16	1	7
FX 411783	2	24	31	89	.1	41	13	698	4.26	2	5	ND	9	166	2	2	2	81	3.51	.156	64	91	1.95	83	.29	3	2.20	.06	.16	1	2
FX 411784	2	22	19	89	.1	39	14	671	4.27	2	5	ND	9	158	2	2	2	76	3.16	.155	63	92	1.88	73	.25	2	2.15	.06	.16	1	2
FX 411785	1	24	28	85	.1	41	15	663	4.08	2	5	ND	7	128	2	2	2	65	1.98	.177	72	90	1.57	67	.21	2	2.22	.05	.23	2	9
FX 411786	2	21	34	84	.1	40	15	679	4.06	2	5	ND	9	136	2	2	2	72	2.65	.156	62	98	1.79	39	.23	2	2.16	.05	.17	1	10
FX 411787	3	21	34	77	.4	61	19	566	4.20	7	5	ND	9	126	3	2	2	74	2.24	.165	64	99	1.68	38	.24	2	2.02	.05	.18	1	38
FX 411788	1	14	25	65	.1	30	11	902	3.21	4	5	ND	6	260	2	2	2	52	10.64	.120	49	69	1.38	46	.17	2	1.65	.04	.15	1	9
FX 411789	3	22	27	78	.1	36	15	701	3.97	3	5	ND	8	155	2	4	2	74	3.23	.161	66	95	1.68	31	.25	4	2.10	.05	.17	2	5
STD C/AU-R	20	63	42	138	7.5	73	31	1055	4.09	43	19	8	38	50	20	15	23	61	.50	.095	40	57	.93	175	.07	40	2.04	.06	.13	12	520

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
FX 411790	2	21	29	64	.2	41	13	1227	3.56	7	5	ND	8	252	1	2	2	66	8.51	.148	58	80	1.46	63	.18	2	1.70	.04	.14	1	12
FX 411791	2	25	22	76	.1	47	13	651	4.29	6	5	ND	9	154	1	2	2	81	3.15	.158	67	102	2.04	36	.23	3	2.07	.05	.15	1	12
FX 411792	4	23	27	77	.1	48	15	595	4.02	3	5	ND	9	160	1	2	2	67	2.15	.166	72	87	2.07	139	.10	2	2.15	.05	.19	1	22
FX 411793	4	23	42	75	.1	60	16	638	4.18	12	5	ND	8	179	1	2	2	70	2.36	.158	70	95	2.00	104	.13	3	2.06	.05	.18	1	34
FX 411794	2	23	20	87	.1	43	14	690	4.31	2	5	ND	10	147	2	2	2	81	2.64	.169	72	95	2.21	43	.17	4	2.28	.05	.17	1	7
FX 411795	2	26	29	84	.1	44	14	742	4.27	3	5	ND	9	177	1	2	2	86	3.16	.169	72	102	1.99	66	.19	2	2.19	.05	.18	1	7
FX 411796	3	25	37	83	.1	55	15	750	3.95	5	5	ND	7	194	1	2	2	72	3.92	.173	63	90	1.88	117	.24	4	2.20	.05	.19	1	14
FX 411797	6	25	36	103	.2	59	15	657	4.35	4	5	ND	5	227	1	2	2	52	3.66	.167	61	100	2.62	95	.16	2	2.71	.06	.26	1	21
FX 411798	3	22	29	74	.3	47	15	619	3.65	3	5	ND	6	230	1	2	2	45	4.13	.187	59	83	2.21	34	.08	4	2.46	.06	.31	1	5
FX 411799	7	21	24	70	.9	47	17	432	3.90	18	5	ND	5	147	1	2	2	43	1.86	.144	42	93	1.97	30	.03	2	1.91	.05	.25	1	39
FX 411800	7	15	21	62	.6	44	14	523	3.48	13	5	ND	4	188	1	2	2	38	2.54	.107	34	82	1.74	76	.01	2	1.65	.04	.23	1	35
FX 411801	7	26	26	84	.5	49	16	462	4.43	27	5	ND	4	160	1	2	3	44	1.95	.137	37	101	2.05	38	.01	5	1.97	.05	.25	1	55
FX 411802	2	28	23	100	.1	49	18	651	4.45	13	5	ND	5	172	1	2	2	59	3.03	.190	67	103	2.73	28	.10	2	2.56	.05	.21	1	13
FX 411803	1	22	22	83	.1	45	16	601	4.15	2	5	ND	5	169	1	2	2	56	3.36	.178	73	92	1.96	36	.10	2	2.26	.04	.24	1	9
FX 411804	4	14	20	56	.6	37	11	1031	2.87	14	5	ND	3	274	1	2	3	41	12.71	.140	41	72	1.45	25	.01	2	1.53	.03	.20	1	22
FX 411805	1	26	20	90	.1	38	14	712	4.01	7	5	ND	5	182	1	2	2	69	5.05	.174	74	106	2.39	43	.11	4	2.47	.04	.20	1	4
FX 411806	1	23	30	89	.1	52	16	693	4.43	3	5	ND	5	156	2	2	2	80	3.10	.173	76	112	3.27	85	.15	2	2.99	.05	.16	1	3
FX 411807	1	29	15	88	.1	47	16	695	4.21	2	5	ND	4	152	2	2	2	68	2.85	.176	77	107	3.10	48	.05	6	2.89	.05	.19	1	4
FX 411808	1	20	23	84	.1	44	15	618	3.80	2	5	ND	4	193	1	2	2	62	3.29	.178	79	100	2.44	450	.02	3	2.41	.04	.20	1	6
FX 411809	1	24	17	92	.1	43	15	733	4.37	6	5	ND	5	181	1	2	2	67	3.23	.189	82	101	3.17	67	.01	2	3.18	.06	.28	1	2
FX 411810	1	41	30	86	.3	81	19	795	4.29	10	5	ND	5	262	2	2	2	43	4.77	.201	62	109	2.76	180	.03	4	2.93	.05	.27	1	5
FX 411811	1	51	39	96	.2	122	23	892	4.89	4	5	ND	4	277	2	2	2	55	4.80	.230	63	158	3.49	142	.03	2	3.69	.05	.28	1	1
FX 411812	1	70	34	95	.2	142	23	862	5.17	2	5	ND	4	253	2	2	2	66	4.07	.247	56	176	3.96	61	.07	2	4.00	.05	.21	2	3
FX 411813	1	54	35	95	.1	107	21	781	4.84	4	5	ND	4	696	1	2	2	67	3.71	.232	63	170	3.61	176	.07	2	3.55	.05	.22	1	1
FX 411814	3	47	28	109	.1	101	22	769	4.88	2	5	ND	5	312	2	2	2	53	3.88	.222	71	132	3.22	202	.03	2	3.44	.05	.30	1	2
FX 411815	2	45	35	108	.1	92	20	712	4.77	7	5	ND	5	430	1	2	3	47	3.22	.208	76	113	2.87	44	.02	4	3.12	.05	.27	1	6
FX 411816	1	28	30	78	.1	66	19	572	4.17	2	5	ND	6	1087	1	2	2	47	2.68	.173	75	93	2.24	40	.01	4	2.47	.05	.29	1	11
FX 411817	3	53	28	107	.2	111	23	780	4.80	6	5	ND	5	285	1	2	2	62	3.62	.217	70	145	3.25	31	.01	2	3.40	.05	.26	1	3
FX 411818	2	23	30	78	.2	49	16	756	4.40	2	5	ND	8	254	1	2	2	62	4.62	.155	82	115	2.17	80	.01	2	2.40	.07	.18	1	2
FX 411819	1	20	21	65	.2	40	15	1005	3.80	2	5	ND	7	371	1	2	2	50	9.23	.137	72	94	1.59	85	.01	2	2.12	.09	.30	1	2
FX 411820	2	26	15	73	.1	50	16	617	3.98	2	5	ND	9	156	1	2	2	52	3.03	.152	80	110	1.46	57	.01	2	1.91	.06	.23	1	5
FX 411821	2	75	14	80	.1	51	18	687	4.36	8	5	ND	11	220	1	2	3	62	3.27	.167	87	124	1.60	196	.01	5	2.07	.06	.23	3	2
FX 411822	1	20	16	81	.1	49	15	650	4.26	2	5	ND	9	143	1	2	2	66	3.23	.152	82	119	1.60	141	.01	2	2.05	.08	.27	1	2
FX 411823	2	15	22	66	.1	39	12	624	3.31	4	5	ND	8	200	1	2	3	58	4.51	.114	59	101	1.31	88	.01	2	1.58	.05	.24	1	4
FX 411824	1	22	16	85	.1	51	17	614	4.36	5	5	ND	10	246	1	2	2	77	3.00	.151	85	114	1.80	53	.01	3	2.05	.06	.21	1	2
FX 411825	1	18	12	88	.1	49	17	649	4.43	7	5	ND	11	126	2	2	2	80	3.05	.153	88	120	1.81	67	.01	2	2.12	.07	.21	1	3
STD C/AU-R	20	63	43	141	7.9	73	31	1050	4.10	44	19	8	38	50	19	15	22	63	.50	.096	41	57	.98	179	.07	36	1.97	.06	.13	11	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
FX 411826	1	48	18	85	.1	45	15	561	4.04	2	5	ND	9	128	2	2	2	66	3.17	.143	77	102	1.44	94	.02	2	2.22	.10	.33	8	1
FX 411827	1	18	24	88	.1	40	14	648	4.21	4	5	ND	9	131	1	2	2	78	3.00	.148	79	114	1.67	83	.02	2	2.52	.11	.35	1	2
FX 411828	1	15	23	82	.2	39	14	533	4.01	5	5	ND	9	123	2	2	2	66	2.68	.146	81	113	1.51	81	.02	2	2.25	.12	.37	1	2
FX 411829	1	24	11	83	.1	42	15	640	4.31	2	5	ND	9	130	2	2	2	72	3.10	.149	82	113	1.97	68	.02	3	2.62	.11	.32	1	2
FX 411830	1	19	22	80	.1	37	13	757	4.02	3	5	ND	8	293	2	2	2	64	4.10	.137	74	103	1.73	224	.02	2	2.32	.10	.29	1	5
FX 411831	1	18	15	79	.1	40	16	651	4.32	2	5	ND	10	147	1	2	2	74	2.90	.150	85	115	1.83	57	.02	2	2.39	.09	.22	1	2
FX 411832	1	20	10	76	.2	40	15	658	4.33	3	5	ND	11	162	1	2	2	72	2.86	.149	82	117	2.00	67	.02	2	2.53	.11	.29	1	3
FX 411833	1	15	10	73	.1	37	12	748	3.90	2	5	ND	11	206	2	2	2	66	4.10	.141	78	107	1.83	189	.02	2	2.26	.13	.26	1	2
FX 411834	1	18	19	68	.1	41	14	624	4.02	2	5	ND	13	157	1	2	2	68	3.18	.141	79	109	1.96	55	.02	2	2.33	.10	.22	1	1
FX 411835	1	16	7	70	.1	41	15	627	4.02	2	5	ND	13	153	1	2	2	70	3.43	.148	81	111	1.94	61	.02	2	2.30	.13	.26	1	2
FX 411836	1	25	22	59	.2	32	12	1155	3.21	3	5	ND	9	1282	1	2	2	52	10.57	.096	64	89	1.59	1562	.01	2	1.73	.07	.11	1	13
FX 411837	1	19	9	75	.1	37	15	629	4.22	3	5	ND	12	244	3	2	2	71	3.10	.148	82	119	2.00	156	.02	2	2.46	.15	.32	2	2
FX 411838	1	17	15	71	.1	41	15	641	4.26	2	5	ND	13	172	2	2	2	78	2.91	.148	82	125	2.01	126	.04	6	2.54	.18	.40	1	2
FX 411839	1	16	8	73	.1	40	15	676	4.25	2	5	ND	13	192	2	2	2	76	3.24	.142	77	125	2.01	139	.03	5	2.47	.14	.34	1	1
FX 411840	2	27	16	76	.1	44	14	667	3.98	3	5	ND	12	204	2	2	2	70	3.90	.136	75	110	2.04	139	.03	2	2.51	.12	.33	1	2
FX 411841	1	15	30	105	.2	51	15	597	4.42	8	5	ND	10	154	2	2	2	76	2.98	.147	72	127	1.83	77	.02	3	2.43	.14	.27	1	8
FX 411842	1	11	19	91	.1	46	14	753	4.37	8	5	ND	10	274	2	2	2	67	4.48	.140	67	128	1.97	77	.02	6	2.48	.11	.23	1	1
FX 411843	1	20	20	81	.1	44	14	663	4.04	4	5	ND	9	195	2	2	2	62	3.54	.147	72	112	1.98	88	.02	6	2.61	.10	.28	1	1
FX 411844	2	18	15	59	.2	25	11	548	2.75	4	5	ND	7	319	1	2	2	31	4.47	.107	56	53	1.24	44	.02	3	1.60	.05	.21	1	6
FX 411845	1	24	25	66	.3	27	11	518	2.89	22	5	ND	6	229	1	2	3	30	2.71	.124	52	39	1.03	54	.01	2	1.64	.05	.27	1	19
FX 411846	2	24	22	72	.3	29	12	588	3.02	22	5	ND	6	594	1	2	2	29	3.30	.132	52	40	1.20	41	.01	9	1.96	.05	.29	1	20
FX 411847	1	27	30	83	.1	36	15	516	3.64	56	5	ND	6	182	1	2	2	35	2.22	.169	59	51	1.52	72	.01	3	2.47	.06	.36	1	42
FX 411848	1	25	45	89	.1	39	14	732	3.81	13	5	ND	8	308	1	2	2	46	4.51	.142	75	86	1.78	629	.01	2	3.00	.10	.41	1	5
FX 411849	2	42	27	98	.3	85	19	688	4.20	8	5	ND	6	232	2	2	2	46	3.59	.205	59	123	2.38	49	.01	2	3.47	.06	.33	1	2
FX 411850	15	49	33	103	.5	105	21	724	4.36	8	5	ND	5	234	2	2	2	51	3.35	.218	51	153	2.81	55	.01	3	3.81	.05	.32	1	3
FX 411851	1	21	23	63	.2	19	8	503	2.78	24	5	ND	5	499	1	2	2	27	3.07	.110	49	29	.99	211	.01	2	1.44	.05	.24	1	8
FX 411852	9	28	21	84	.2	53	17	621	3.50	26	5	ND	6	352	1	2	2	35	3.37	.158	52	74	1.47	174	.01	2	2.24	.05	.27	1	18
FX 411853	2	24	28	85	.1	41	20	646	4.25	3	5	ND	12	176	2	2	2	48	3.04	.167	78	99	1.25	176	.01	3	2.73	.12	.53	2	4
FX 411854	1	17	17	87	.1	39	16	642	3.91	6	5	ND	12	156	2	2	2	46	3.04	.155	86	104	1.33	113	.01	2	2.51	.09	.39	1	4
FX 411855	4	33	62	99	.2	48	17	635	4.32	2	5	ND	10	152	2	2	2	68	3.02	.135	80	102	1.65	181	.01	3	2.65	.11	.32	1	5
FX 411856	1	13	5	81	.1	36	14	710	4.12	3	5	ND	11	195	2	2	3	69	4.01	.137	77	112	1.88	78	.01	2	2.45	.11	.25	1	3
FX 411857	1	17	14	77	.1	40	14	638	4.12	5	5	ND	12	140	2	2	2	68	3.10	.140	78	109	2.01	90	.02	2	2.48	.11	.26	1	1
FX 411858	1	17	13	65	.1	37	15	631	3.98	3	5	ND	13	148	1	2	3	69	3.38	.143	76	107	2.15	99	.04	4	2.36	.15	.32	2	1
FX 411859	1	22	18	71	.1	36	14	860	3.90	6	5	ND	13	288	2	2	2	63	4.93	.138	75	104	2.02	176	.05	2	2.21	.14	.33	1	2
FX 411860	1	20	14	82	.1	40	14	626	3.95	3	5	ND	13	156	1	2	2	68	3.41	.145	78	111	2.01	93	.06	2	2.26	.15	.32	1	3
FX 411861	1	23	21	78	.1	35	13	639	3.95	4	5	ND	13	169	2	2	2	69	3.46	.141	74	111	1.96	119	.05	4	2.31	.15	.35	2	6
STD C/AU-R	19	62	40	139	7.6	71	31	1054	4.32	37	18	8	38	50	19	15	22	61	.49	.096	40	58	.91	178	.07	39	2.00	.06	.13	11	530

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
PX 411862	1	24	2	64	.1	34	14	631	3.33	8	5	ND	11	157	1	2	4	61	3.13	.138	72	108	2.00	107	.04	2	2.11	.16	.31	1	2
PX 411863	1	26	22	67	.1	35	13	640	3.98	2	5	ND	11	161	1	2	2	63	3.36	.142	75	106	2.04	102	.04	2	2.20	.18	.31	1	2
PX 411864	1	24	9	67	.1	39	13	718	3.98	4	5	ND	12	200	1	2	2	61	4.05	.145	76	103	1.96	103	.03	9	2.30	.13	.29	1	3
PX 411865	1	15	3	57	.1	35	10	619	3.34	4	5	ND	9	148	2	2	2	52	4.06	.112	59	91	1.72	106	.03	5	1.97	.15	.30	3	1
PX 411866	5	22	31	95	.1	44	14	779	4.17	6	5	ND	8	157	1	3	2	59	3.27	.147	79	110	2.13	70	.01	2	2.60	.07	.21	1	3
PX 411867	1	23	19	34	.3	14	13	432	2.85	17	5	ND	6	177	1	2	2	30	6.80	.161	52	37	.85	49	.01	3	1.41	.07	.19	1	22
PX 411868	2	24	28	76	.1	24	13	738	3.53	20	5	ND	5	164	1	2	2	43	3.55	.142	57	46	1.57	42	.01	17	2.10	.07	.22	1	12
PX 411869	3	16	16	36	.1	2	5	479	1.64	6	5	ND	3	240	1	2	2	16	3.80	.036	21	5	.41	745	.01	2	.77	.06	.29	1	2
PX 411870	2	18	13	34	.1	2	5	348	1.65	4	5	ND	3	131	1	2	4	22	1.83	.042	23	11	.36	217	.01	2	.79	.07	.26	1	2
PX 411871	1	18	11	35	.1	6	4	468	1.67	2	5	ND	3	261	1	2	2	19	4.05	.037	21	6	.32	734	.01	2	.72	.08	.25	1	3
PX 411872	1	19	14	33	.1	1	5	274	1.58	3	5	ND	3	96	1	3	3	21	1.35	.039	22	10	.30	141	.01	3	.70	.07	.24	1	2
PX 411873	1	20	16	37	.1	4	3	333	1.70	3	5	ND	3	152	1	2	2	20	2.23	.036	21	6	.30	670	.01	5	.70	.07	.24	2	2
PX 411874	3	19	12	35	.1	3	4	326	1.57	2	5	ND	4	92	1	3	2	18	1.78	.037	21	15	.27	93	.01	2	.65	.07	.23	1	6
PX 411875	3	20	14	36	.1	4	4	293	1.59	2	5	ND	3	100	1	2	2	20	1.27	.039	20	6	.29	98	.01	2	.68	.08	.24	1	2
PX 411876	7	19	15	33	.2	8	5	291	1.62	4	5	ND	4	89	1	3	2	15	1.52	.040	21	13	.25	161	.01	2	.65	.07	.24	1	8
PX 411877	6	20	17	40	.1	4	5	296	1.78	5	5	ND	4	79	1	2	3	20	1.33	.041	22	6	.29	97	.01	5	.68	.08	.24	1	5
PX 411878	8	19	8	34	.3	5	5	414	1.54	9	5	ND	4	117	1	2	3	14	2.87	.039	19	15	.25	271	.01	6	.71	.07	.25	1	12
PX 411879	10	20	11	41	.1	6	6	290	1.76	10	5	ND	4	89	1	3	2	15	1.51	.038	20	7	.26	109	.01	3	.64	.07	.23	1	13
PX 411880	6	20	8	40	.1	7	5	299	1.58	8	5	ND	4	83	1	2	2	18	1.67	.038	20	17	.25	87	.01	2	.62	.07	.22	1	9
PX 411881	9	17	13	36	.1	6	5	257	1.57	8	5	ND	3	79	1	2	3	14	1.60	.038	19	6	.23	80	.01	2	.61	.07	.21	1	11
PX 411882	4	20	8	42	.1	4	4	296	1.66	6	5	ND	4	96	1	3	2	19	1.78	.040	22	14	.27	102	.01	4	.65	.07	.22	2	7
STD C/AU-R	19	62	38	137	7.5	68	31	1040	4.10	44	18	8	37	49	20	16	22	61	.49	.100	40	57	.92	175	.07	35	2.05	.06	.13	12	510

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD; B.C.

BH 72475

FX 411883-412025

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 31 1989 . DATE REPORT MAILED: April 5/89 SIGNED BY. C. Leong .D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-0690 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
FX 411883	1	16	11	65	.1	25	13	472	2.56	2	5	ND	6	113	1	2	3	31	2.05	.116	65	50	1.21	45	.01	2	1.53	.02	.23	1	7
FX 411884	2	23	16	70	.2	28	13	503	2.96	2	5	ND	7	149	2	2	2	42	2.56	.117	65	58	1.24	39	.01	2	1.58	.01	.22	4	4
FX 411885	1	22	12	70	.1	33	14	626	3.19	2	5	ND	9	185	2	2	2	44	3.10	.132	74	68	1.43	33	.01	2	1.65	.01	.18	2	1
FX 411886	1	20	4	78	.1	26	15	733	3.40	3	5	ND	9	216	2	2	2	49	3.11	.139	75	72	1.66	28	.01	2	1.79	.02	.15	1	5
FX 411887	1	30	16	69	.1	24	12	903	3.42	3	5	ND	11	232	1	2	2	51	3.60	.130	71	72	1.55	36	.01	2	1.81	.02	.18	3	2
FX 411888	1	20	13	73	.2	30	14	685	3.54	2	5	ND	9	176	2	2	4	51	2.50	.137	73	72	1.67	34	.01	2	1.82	.02	.15	3	3
FX 411889	1	19	14	66	.2	22	11	591	2.95	7	5	ND	11	197	1	2	2	40	3.05	.135	74	68	1.27	36	.01	2	1.57	.02	.22	3	5
FX 411890	1	18	18	64	.2	26	13	599	3.02	2	5	ND	11	225	2	3	2	47	3.10	.140	77	66	1.26	30	.01	2	1.53	.02	.20	3	19
FX 411891	1	21	12	76	.1	30	13	749	3.32	3	5	ND	11	295	2	2	2	46	3.06	.139	75	65	1.36	26	.01	2	1.78	.01	.21	4	4
FX 411892	1	22	24	92	.1	31	13	723	3.70	2	5	ND	12	274	2	2	2	54	3.00	.135	77	72	1.77	33	.01	6	1.93	.02	.17	2	3
FX 411893	2	20	16	77	.2	34	14	688	3.42	3	5	ND	12	333	2	2	4	42	3.33	.131	70	69	1.77	30	.01	7	1.93	.01	.18	3	3
FX 411894	2	20	16	77	.3	28	12	631	3.05	9	5	ND	13	356	2	2	2	33	3.20	.131	72	56	1.65	22	.01	2	1.87	.01	.19	3	8
FX 411895	2	18	18	74	.3	33	13	625	3.25	2	5	ND	13	318	2	2	2	34	2.65	.127	66	60	1.72	15	.01	2	1.84	.01	.16	1	7
FX 411896	3	18	9	74	.8	31	11	520	3.00	4	5	ND	13	278	1	2	2	37	2.64	.142	64	60	1.23	20	.01	4	1.52	.01	.19	4	16
FX 411897	1	19	10	75	.3	28	11	664	3.28	7	5	ND	14	244	2	2	4	43	2.96	.133	75	66	1.40	25	.01	2	1.71	.01	.19	1	9
FX 411898	5	16	29	75	3.7	33	14	470	3.29	8	5	ND	14	180	1	2	2	44	1.24	.129	75	60	1.35	28	.01	3	1.59	.01	.20	4	103
FX 411899	2	20	39	77	.8	29	13	548	3.29	7	5	ND	14	203	1	2	4	43	1.79	.140	84	65	1.52	25	.01	6	1.81	.01	.20	1	8
FX 411900	1	21	11	71	.3	26	11	686	3.27	2	5	ND	13	259	3	2	2	47	2.72	.132	79	73	1.42	37	.01	7	1.69	.03	.19	3	7
FX 411901	1	17	19	73	.1	27	12	640	3.42	4	5	ND	14	267	2	2	2	53	2.68	.132	81	72	1.80	35	.01	2	1.86	.03	.16	2	9
FX 411902	1	20	13	76	.2	31	15	590	3.53	2	5	ND	14	235	1	2	2	52	2.69	.131	81	69	2.03	52	.02	2	1.90	.03	.15	1	8
FX 411903	2	16	14	68	.2	28	14	736	3.08	6	5	ND	13	410	2	3	2	45	5.22	.124	74	61	1.87	37	.01	3	1.79	.02	.13	2	9
FX 411904	2	22	19	72	.1	32	12	576	3.60	6	5	ND	15	245	2	3	2	58	3.01	.136	79	75	1.97	82	.03	2	1.83	.02	.18	1	5
FX 411905	1	18	10	68	.1	29	13	579	3.39	8	5	ND	13	242	2	3	2	61	3.23	.132	76	73	1.82	178	.03	15	1.66	.03	.15	2	1
FX 411906	2	18	10	75	.1	30	14	606	3.46	3	5	ND	15	237	2	2	2	58	2.94	.134	77	72	1.81	65	.07	4	1.84	.02	.17	1	6
FX 411907	1	15	14	81	3.5	29	15	889	3.25	4	5	ND	11	309	3	2	2	47	3.07	.137	76	65	1.25	35	.01	8	1.89	.01	.24	4	1100
FX 411908	1	16	14	70	.2	28	12	661	3.52	4	5	ND	14	209	1	2	2	60	2.58	.136	74	80	1.63	61	.03	3	1.68	.03	.15	1	14
FX 411909	1	21	9	74	.1	34	12	670	3.66	5	5	ND	14	217	2	2	2	64	2.82	.137	73	80	1.95	71	.05	2	1.91	.03	.16	3	6
FX 411910	1	20	5	81	.1	27	13	606	3.27	2	5	ND	15	210	2	2	2	49	1.97	.147	86	73	1.28	36	.01	4	1.53	.02	.19	1	8
FX 411911	1	21	20	73	.2	29	14	645	3.61	2	5	ND	14	219	3	2	2	62	2.91	.135	69	75	1.78	69	.07	5	1.90	.03	.18	2	5
FX 411912	1	20	16	74	.1	30	14	607	3.66	2	5	ND	14	197	4	2	2	63	2.59	.136	70	79	1.84	79	.07	2	1.83	.04	.17	3	4
FX 411913	2	18	18	80	.1	37	13	616	3.64	6	5	ND	14	188	3	2	4	56	2.40	.142	76	78	1.86	69	.02	3	1.39	.03	.17	2	6
FX 411914	1	20	14	89	.3	30	16	772	3.60	10	5	ND	15	183	3	2	2	58	1.96	.150	84	81	1.38	40	.01	13	1.35	.03	.19	3	3
FX 411915	2	14	13	78	.2	34	12	602	3.57	2	5	ND	13	193	3	2	2	63	2.51	.142	63	77	1.78	63	.09	2	1.82	.04	.16	1	2
FX 411916	7	28	14	73	.2	38	14	708	4.76	8	5	ND	14	214	3	2	2	65	3.25	.130	60	125	1.70	57	.11	3	1.93	.05	.20	53	2
FX 411917	2	19	23	76	.2	30	12	592	3.65	2	5	ND	13	186	4	2	2	68	2.70	.138	62	78	1.94	68	.15	2	1.93	.04	.16	1	1
FX 411918	1	17	25	80	.1	30	12	704	3.56	2	5	ND	13	187	2	2	2	63	2.80	.137	64	79	1.72	43	.13	2	1.96	.03	.17	5	1
STD C/AU-R	18	63	40	138	7.5	66	28	949	3.73	42	18	6	36	49	17	14	22	58	.48	.086	36	53	.85	171	.07	35	1.31	.06	.14	11	495

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
PX 411919	1	19	22	70	.2	34	14	833	3.30	6	5	ND	12	232	4	2	2	61	3.42	.148	71	79	1.66	123	.12	2	2.03	.03	.16	1	3
PX 411920	2	18	14	74	.1	38	18	676	4.14	7	5	ND	14	187	2	3	4	69	2.73	.154	72	87	2.07	76	.19	2	2.22	.04	.18	2	1
PX 411921	2	17	13	68	.1	37	16	569	4.01	3	5	ND	16	199	3	2	2	74	2.46	.153	70	86	1.84	90	.18	2	2.11	.06	.20	4	4
PX 411922	2	16	9	73	.2	28	15	687	3.94	8	5	ND	15	176	2	3	2	71	2.65	.148	71	84	1.86	58	.16	2	1.95	.04	.15	3	1
PX 411923	2	23	20	71	.2	31	13	639	3.87	3	5	ND	14	162	3	3	2	69	2.60	.147	70	87	1.77	79	.17	2	1.84	.04	.17	1	2
PX 411924	1	18	17	68	.1	33	14	671	3.95	9	5	ND	14	191	1	2	2	63	2.96	.144	78	86	1.90	62	.07	2	1.91	.03	.17	2	3
PX 411925	1	19	21	65	.1	34	15	617	4.03	7	5	ND	12	192	3	2	2	63	2.65	.151	80	82	1.99	72	.04	2	1.97	.04	.18	1	2
PX 411926	1	16	18	63	.1	27	14	597	3.73	5	5	ND	13	212	2	2	2	56	2.94	.143	86	80	1.83	55	.02	2	1.77	.03	.18	2	4
PX 411927	1	12	14	67	.1	36	13	658	3.91	5	5	ND	12	216	2	2	2	58	2.83	.148	87	83	1.85	54	.02	2	1.88	.03	.18	2	1
PX 411928	1	20	29	73	.1	35	14	658	3.90	3	5	ND	11	240	2	3	4	56	2.82	.148	88	91	1.85	34	.01	2	2.00	.03	.17	1	3
PX 411929	1	18	8	75	.1	32	14	696	3.86	8	5	ND	10	292	1	2	2	47	3.09	.156	89	79	2.01	30	.01	2	2.23	.03	.18	1	2
PX 411930	1	16	19	82	.1	34	15	771	3.73	8	5	ND	9	419	3	2	2	43	3.70	.161	93	69	1.69	49	.01	2	2.39	.03	.30	1	25
PX 411931	1	21	22	78	.3	32	13	889	3.78	3	5	ND	8	454	2	2	2	53	4.73	.146	79	75	1.41	41	.01	2	1.54	.03	.19	1	2
PX 411932	1	20	16	86	.2	40	19	671	4.30	2	5	ND	9	311	2	2	4	61	2.23	.162	92	85	1.49	41	.01	4	2.02	.03	.18	3	14
PX 411933	1	15	14	75	.1	39	14	573	3.81	2	5	ND	9	353	3	3	2	50	3.12	.156	84	85	1.84	38	.02	2	1.93	.03	.17	1	4
PX 411934	1	16	16	61	.3	31	15	612	3.05	10	5	ND	10	311	2	2	2	45	4.07	.135	74	75	1.33	53	.01	2	1.48	.02	.16	2	30
PX 411935	1	19	10	78	.1	33	16	564	4.02	8	5	ND	8	270	2	3	2	49	2.49	.152	82	88	1.93	99	.02	2	2.06	.03	.16	1	3
PX 411936	1	19	14	78	.1	43	15	639	3.95	8	5	ND	8	320	3	4	2	52	2.51	.165	91	80	1.93	31	.01	2	2.43	.03	.21	2	12
PX 411937	1	13	17	69	.2	36	14	805	3.80	8	5	ND	7	467	2	2	2	49	4.77	.153	78	74	1.74	206	.01	2	1.97	.03	.16	1	52
PX 411938	1	14	23	72	.1	33	12	789	3.71	6	5	ND	7	644	3	3	3	48	5.00	.152	76	77	1.81	438	.01	13	2.07	.04	.21	1	2
PX 411939	4	19	25	149	.2	44	15	686	4.16	9	5	ND	4	368	3	2	2	53	2.97	.153	73	82	2.34	366	.01	2	2.61	.03	.17	1	3
PX 411940	4	32	31	114	.3	64	17	776	4.05	4	5	ND	6	398	2	2	2	40	3.84	.171	82	104	2.45	74	.01	2	3.05	.04	.29	1	1
PX 411941	1	19	27	56	.4	48	14	1025	3.06	7	5	ND	6	459	2	2	2	25	6.48	.137	70	76	1.37	49	.01	2	2.16	.04	.34	1	6
PX 411942	1	24	35	60	.4	42	14	587	3.12	8	5	ND	7	274	2	2	2	25	3.13	.152	70	87	1.40	33	.01	2	2.02	.03	.27	1	4
PX 411943	3	22	28	71	.5	53	16	655	3.65	71	5	ND	7	403	2	2	2	22	2.98	.157	53	80	1.37	27	.01	3	2.03	.03	.27	3	13
PX 411944	1	25	31	74	.4	45	15	851	3.74	7	5	ND	7	273	2	2	2	24	3.36	.151	63	96	1.67	35	.01	2	2.28	.03	.23	1	2
PX 411945	4	23	26	85	.7	50	17	705	3.91	98	5	ND	6	290	1	4	6	25	3.03	.158	65	81	1.62	29	.01	3	2.27	.03	.26	2	33
PX 411946	2	24	18	93	.4	50	19	671	4.32	124	5	ND	7	303	2	4	2	29	2.48	.166	79	92	1.98	31	.01	2	2.53	.03	.24	1	17
PX 411947	1	18	18	85	.2	45	17	828	4.10	12	5	ND	7	315	3	4	2	35	3.84	.162	82	101	2.04	44	.01	2	2.64	.03	.24	3	4
PX 411948	1	20	22	81	.3	49	17	763	4.21	5	5	ND	7	241	1	2	2	48	3.25	.157	85	111	1.81	31	.01	2	2.40	.03	.19	2	1
PX 411949	1	18	12	80	.1	46	17	840	4.34	10	5	ND	8	249	3	2	5	58	3.28	.158	87	114	2.02	28	.01	2	2.52	.03	.16	4	2
PX 411950	1	23	4	85	.2	46	16	867	4.33	7	5	ND	8	285	2	3	2	56	3.65	.158	90	113	2.02	32	.01	2	2.60	.03	.16	1	1
PX 411951	2	17	14	80	.3	41	15	771	4.19	8	5	ND	8	277	3	2	4	49	3.31	.157	87	110	1.80	32	.01	5	2.35	.03	.19	2	3
PX 411952	4	18	26	80	.3	38	15	842	3.87	18	5	ND	6	274	3	2	2	44	3.92	.145	79	96	1.75	30	.01	2	2.26	.03	.19	2	8
PX 411953	1	25	23	83	.2	47	15	744	4.15	12	5	ND	7	258	3	2	2	49	3.02	.162	89	105	1.78	31	.01	2	2.39	.03	.21	1	3
PX 411954.	2	16	17	71	.3	43	16	1080	3.87	14	5	ND	7	313	4	2	2	41	6.06	.135	71	88	1.65	23	.01	2	2.16	.03	.18	3	9
STD C/AU-R	20	63	43	136	7.9	73	31	1057	4.26	44	18	6	36	51	19	14	22	59	.48	.096	41	58	.91	183	.07	36	2.02	.06	.14	11	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
FX 411955	1	19	16	78	.1	42	16	705	3.58	2	5	ND	7	392	3	2	2	53	3.38	.133	73	96	1.68	20	.01	6	2.13	.03	.15	1	1
FX 411956	1	17	23	59	.1	27	11	814	2.68	3	5	ND	6	333	4	2	2	41	5.15	.110	58	78	1.35	19	.01	2	1.52	.02	.13	1	2
FX 411957	1	22	6	81	.1	38	13	873	3.61	10	5	ND	6	419	3	2	2	42	4.13	.142	73	91	1.69	18	.01	9	2.08	.02	.12	1	8
FX 411958	11	25	25	97	.4	53	23	705	4.55	53	5	ND	5	170	2	3	2	46	1.51	.137	73	92	1.88	23	.01	2	2.34	.02	.17	1	23
FX 411959	227	13	43	56	1.9	35	15	297	2.86	146	5	ND	4	157	1	4	2	24	1.24	.107	61	48	.86	11	.01	2	1.10	.02	.20	1	280
FX 411960	19	37	123	127	.2	67	18	612	3.74	22	5	ND	4	239	3	6	4	30	2.57	.143	76	93	1.69	11	.01	4	2.19	.03	.24	1	16
FX 411961	8	22	48	98	.2	59	17	712	3.92	7	5	ND	5	382	3	2	3	33	3.27	.145	68	104	2.42	27	.01	7	2.39	.03	.20	3	3
FX 411962	2	23	20	88	.1	57	14	669	3.61	8	5	ND	5	623	4	2	2	35	2.58	.137	65	107	2.45	28	.01	2	2.72	.03	.18	1	1
FX 411963	4	20	27	87	.1	44	15	658	3.84	4	5	ND	5	591	3	4	2	36	2.99	.146	75	118	2.35	24	.01	2	2.64	.03	.16	1	3
FX 411964	1	18	22	89	.1	47	16	726	4.06	7	5	ND	5	465	5	2	2	49	3.17	.140	65	128	2.47	37	.01	2	2.71	.03	.09	1	1
FX 411965	1	20	2	79	.1	42	14	664	3.62	4	5	ND	4	266	3	2	2	56	2.05	.140	60	112	2.10	40	.01	2	2.39	.03	.06	1	1
FX 411966	14	18	28	82	.4	43	16	682	4.13	18	5	ND	6	159	1	2	2	51	1.93	.146	77	102	1.73	17	.01	6	2.16	.02	.12	1	13
FX 411967	2	16	10	67	.2	37	16	814	3.11	8	5	ND	5	334	3	2	3	48	6.22	.125	61	91	1.39	39	.01	2	1.74	.04	.15	2	1
FX 411968	1	20	10	84	.1	37	15	716	3.82	11	5	ND	5	270	3	2	2	63	3.70	.143	74	112	1.77	25	.01	2	2.12	.03	.09	1	2
FX 411969	1	22	13	87	.1	44	16	762	3.96	3	5	ND	5	299	4	2	2	55	3.39	.136	69	112	2.47	22	.01	2	2.62	.04	.14	1	2
FX 411970	7	30	11	89	.3	57	16	645	3.68	10	5	ND	6	315	3	2	2	38	2.97	.163	74	98	1.38	72	.01	7	2.30	.03	.25	1	7
FX 411971	1	29	13	80	.1	41	16	717	3.68	4	5	ND	8	221	2	2	2	49	2.79	.136	74	97	1.59	64	.01	2	1.85	.02	.12	1	12
FX 411972	2	22	12	90	.1	46	15	722	3.69	9	5	ND	7	283	3	2	2	50	2.90	.140	78	108	1.70	16	.01	2	1.91	.02	.09	3	10
FX 411973	2	20	6	82	.1	43	15	719	3.88	9	5	ND	8	202	3	2	2	58	2.76	.142	77	110	1.97	21	.01	21	2.15	.03	.09	3	3
FX 411974	1	20	2	79	.1	44	14	606	3.65	5	5	ND	8	244	3	2	2	59	2.70	.132	71	105	2.06	24	.01	2	2.15	.03	.12	1	1
FX 411975	18	27	28	94	.3	49	17	697	4.16	6	5	ND	5	348	2	3	2	45	3.06	.164	76	88	2.00	16	.01	2	2.34	.03	.13	2	2
FX 411976	1	26	16	90	.2	20	17	606	3.98	7	5	ND	5	298	3	2	2	34	3.40	.191	79	39	1.15	57	.01	2	1.50	.02	.14	2	4
FX 411977	1	22	2	75	.2	23	15	841	3.35	9	5	ND	5	2413	3	2	2	34	6.60	.185	78	35	.89	56	.01	9	1.37	.02	.23	1	7
FX 411978	1	25	5	81	.3	17	14	661	4.18	11	5	ND	7	319	3	2	2	41	4.01	.189	80	40	1.07	70	.01	10	1.73	.03	.25	1	3
FX 411979	7	118	24	85	.9	20	16	491	4.12	34	5	ND	5	195	3	2	2	36	1.99	.201	94	30	1.18	21	.01	13	1.56	.03	.25	3	113
FX 411980	2	20	15	94	.4	23	16	692	4.33	19	5	ND	4	270	3	2	2	45	3.69	.206	77	44	1.49	27	.01	9	1.87	.03	.22	1	16
FX 411981	2	30	15	86	.4	20	17	628	4.28	11	5	ND	4	287	2	2	2	43	3.58	.202	50	38	1.33	21	.01	2	1.53	.02	.13	4	5
FX 411982	2	36	12	114	.2	20	15	716	4.55	9	5	ND	5	226	2	2	2	50	2.75	.211	51	41	1.59	22	.01	2	2.10	.03	.21	2	7
FX 411983	2	29	29	98	.2	13	15	768	3.80	12	5	ND	5	271	2	2	2	40	5.22	.186	45	30	1.09	24	.01	7	1.28	.02	.18	1	15
FX 411984	2	29	28	83	.3	23	16	743	3.90	9	5	ND	5	253	2	2	2	47	4.02	.166	40	51	1.77	32	.01	3	1.81	.03	.18	1	3
FX 411985	2	25	20	96	.4	27	16	762	4.25	14	5	ND	4	298	3	2	4	45	3.67	.158	36	38	1.95	18	.01	2	2.04	.03	.14	4	4
FX 411986	4	34	14	86	.9	42	16	602	3.54	49	5	ND	4	328	3	2	3	36	2.96	.160	54	55	1.92	25	.01	4	2.30	.04	.22	4	32
FX 411987	1	49	19	71	1.1	39	17	1000	3.08	43	5	ND	4	2252	2	2	3	26	7.75	.131	36	46	1.44	264	.01	9	1.88	.03	.22	1	18
FX 411988	1	33	11	82	.3	30	13	640	3.48	16	5	ND	6	405	3	2	3	38	3.26	.162	68	40	1.92	490	.01	2	2.17	.03	.16	3	5
FX 411989	1	30	19	78	.6	25	15	705	3.67	17	5	ND	5	361	3	2	2	43	3.86	.155	46	39	1.72	86	.01	10	2.00	.03	.14	1	11
FX 411990	1	42	38	79	.9	26	13	589	3.13	72	5	ND	5	407	3	2	2	38	5.16	.141	42	40	1.60	17	.01	7	1.32	.03	.17	1	16
STD C/AU-R	18	62	37	136	8.0	74	33	950	3.81	41	19	6	36	51	18	15	18	59	.47	.091	37	55	.81	162	.06	32	1.79	.06	.14	12	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
FX 411991	3	29	13	64	1.2	23	9	300	2.83	331	5	ND	5	176	1	2	2	29	1.58	.124	40	35	1.07	29	.01	2	1.24	.02	.17	1	76
FX 411992	1	31	9	63	.8	15	9	837	2.71	55	5	ND	4	577	2	2	2	28	9.52	.115	32	38	1.20	17	.01	3	1.41	.01	.13	3	12
FX 411993	83	36	25	76	7.1	24	15	297	4.32	453	5	ND	6	145	2	2	2	39	1.01	.147	44	39	1.30	23	.01	4	1.49	.02	.20	1	1640
FX 411994	2	39	26	87	1.0	31	15	531	3.66	117	5	ND	6	236	1	2	2	39	2.24	.162	56	46	1.52	18	.01	2	1.98	.02	.17	1	29
FX 411995	1	43	13	83	.2	25	15	625	3.69	19	5	ND	6	298	3	2	2	52	3.41	.161	76	52	1.84	53	.01	2	2.20	.03	.18	1	8
FX 411996	1	38	8	81	.3	24	12	666	3.78	10	5	ND	6	292	4	2	2	64	3.75	.164	81	54	1.53	32	.01	3	1.92	.03	.16	2	5
FX 411997	1	31	8	54	.2	19	9	809	2.55	7	5	ND	3	687	2	2	2	42	13.91	.115	51	40	1.18	39	.02	2	1.25	.02	.12	2	4
FX 411998	1	41	7	81	.2	28	14	685	3.83	4	5	ND	7	350	2	2	2	61	4.31	.163	76	58	1.75	164	.01	8	1.95	.03	.13	1	1
FX 411999	1	43	10	88	.3	28	16	654	4.06	8	5	ND	7	229	2	2	2	68	2.71	.167	83	65	2.06	23	.01	8	2.22	.03	.13	1	2
FX 412000	1	42	14	61	.7	16	10	733	2.63	9	5	ND	4	661	2	2	2	44	13.07	.115	52	42	1.23	22	.01	2	1.34	.02	.10	2	12
FX 412001	1	38	13	81	.1	24	13	544	3.65	3	5	ND	7	226	3	2	2	59	2.83	.153	77	59	1.87	72	.01	7	2.14	.03	.12	1	6
FX 412002	1	44	10	58	.4	17	9	678	2.53	2	5	ND	3	656	3	2	2	43	12.61	.107	51	38	1.41	24	.01	2	1.51	.02	.06	1	1
FX 412003	1	34	16	68	.5	26	13	602	3.29	8	5	ND	5	262	2	2	2	50	4.25	.137	63	46	1.53	79	.01	2	1.78	.02	.13	1	8
FX 412004	1	38	11	87	.2	27	15	559	3.83	4	5	ND	6	232	2	2	2	53	2.91	.171	81	51	1.66	26	.01	4	2.22	.02	.18	1	6
FX 412005	4	15	11	50	.9	16	8	891	2.19	160	5	ND	3	389	1	2	2	29	10.98	.092	33	32	1.38	12	.01	3	1.29	.01	.09	2	42
FX 412006	1	36	18	72	.7	29	14	466	3.38	115	5	ND	6	178	2	2	2	39	2.62	.145	55	48	1.72	25	.01	3	1.88	.02	.15	1	18
FX 412007	1	32	18	71	.6	26	14	487	3.35	87	5	ND	5	212	2	2	2	43	2.97	.144	61	44	1.71	20	.01	2	1.93	.02	.15	1	16
FX 412008	1	38	7	82	.5	20	16	673	3.81	6	5	ND	6	236	4	2	2	69	3.56	.160	70	59	1.85	22	.01	2	2.15	.02	.11	3	6
FX 412009	1	40	13	83	.3	25	14	683	3.78	4	5	ND	5	366	2	2	2	74	3.63	.163	74	53	1.89	243	.01	5	2.28	.02	.13	1	6
FX 412010	2	28	5	66	.5	22	9	719	3.14	10	5	ND	5	416	3	2	2	54	8.53	.127	55	49	1.42	25	.01	2	1.53	.03	.09	1	10
FX 412011	1	35	19	82	.3	30	14	650	3.91	3	5	ND	7	244	2	2	2	73	3.38	.160	76	62	1.88	148	.01	4	2.13	.03	.10	2	3
FX 412012	5	21	22	51	.7	16	10	722	2.23	91	5	ND	2	489	2	2	2	32	13.87	.107	38	29	1.14	41	.01	2	1.31	.02	.13	1	44
FX 412013	1	39	23	81	.5	27	16	608	3.70	45	5	ND	6	584	2	2	2	48	4.13	.156	67	47	1.76	316	.01	2	2.16	.03	.17	3	13
FX 412014	1	35	24	81	.4	20	14	573	3.46	68	5	ND	6	327	3	2	2	39	4.26	.154	62	45	1.63	74	.01	2	1.94	.02	.12	3	14
FX 412015	2	34	33	79	.5	26	12	527	3.34	78	5	ND	4	263	2	3	3	36	3.05	.139	58	46	1.82	21	.01	2	2.14	.02	.15	1	17
FX 412016	2	35	20	74	.3	20	13	839	3.27	24	5	ND	3	458	3	2	2	34	7.69	.121	52	37	2.33	16	.01	7	2.54	.03	.15	1	4
FX 412017	1	14	20	30	.4	11	6	1280	1.44	50	5	ND	1	938	2	2	2	16	22.54	.045	17	13	1.16	28	.01	2	1.01	.01	.07	3	9
FX 412018	1	35	17	74	.4	28	14	512	3.24	64	5	ND	3	279	2	2	2	32	3.12	.141	57	45	1.83	13	.01	2	2.11	.03	.14	3	11
FX 412019	1	35	29	78	.1	23	14	674	3.27	3	5	ND	4	356	3	2	2	29	4.81	.150	74	41	1.78	24	.01	3	2.21	.03	.18	3	1
FX 412020	1	36	21	80	.1	26	12	671	3.58	10	5	ND	4	1107	3	2	2	33	4.08	.155	70	43	1.76	213	.01	3	2.21	.03	.18	2	2
FX 412021	1	41	25	85	.1	29	16	669	3.74	8	5	ND	4	421	2	2	2	40	4.07	.163	76	47	1.68	20	.01	2	2.15	.03	.15	2	2
FX 412022	3	26	54	54	.5	24	13	360	2.57	112	5	ND	4	756	2	2	2	25	2.40	.111	45	35	1.15	25	.01	4	1.34	.02	.15	2	39
FX 412023	1	34	26	81	.2	27	17	523	3.40	19	5	ND	5	257	3	2	2	32	2.90	.157	76	42	1.77	93	.01	5	2.24	.03	.18	1	3
FX 412024	1	34	19	75	.1	23	17	588	3.48	11	5	ND	6	340	2	2	4	42	3.49	.152	68	43	1.55	301	.01	2	2.00	.03	.18	2	2
FX 412025	6	17	21	78	.2	37	15	563	3.29	14	5	ND	7	290	2	2	2	34	3.27	.143	70	71	1.78	48	.01	2	2.12	.03	.16	1	5
STD C/AU-R	18	62	42	141	7.8	71	32	950	3.80	44	17	6	36	50	18	14	22	58	.49	.089	37	59	.82	177	.06	36	1.79	.06	.14	13	530

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD, B.C.
BH 72476
FX 412026-412261

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 4 1989 DATE REPORT MAILED: April 10/89 SIGNED BY C. Leong ..D.TOYE. C.LEONG. J.WANG: CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-0709 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
FX 412026	1	19	2	52	.1	11	5	388	1.79	3	5	ND	4	69	1	2	2	24	1.06	.060	29	23	.67	48	.03	2	.93	.03	.21	6	15
FX 412027	1	20	26	72	.1	25	10	476	2.85	8	5	ND	7	127	2	2	2	23	2.31	.139	79	53	1.57	25	.01	3	1.83	.01	.26	4	1
FX 412028	1	21	16	77	.1	32	12	519	3.13	4	5	ND	10	255	2	2	2	37	3.50	.145	76	62	1.66	37	.01	2	1.63	.01	.21	2	4
FX 412029	1	19	8	77	.1	33	15	624	3.33	7	5	ND	11	267	2	2	2	47	3.46	.144	77	66	1.78	40	.02	2	1.66	.02	.18	1	3
FX 412030	1	21	28	74	.1	25	12	740	2.94	2	5	ND	10	241	3	2	2	40	4.27	.144	73	58	1.34	32	.01	2	1.46	.02	.17	1	3
FX 412031	1	19	15	78	.1	30	13	608	3.45	12	5	ND	11	252	2	2	2	51	2.91	.145	92	71	1.73	33	.01	2	1.72	.02	.18	1	3
FX 412032	1	17	15	77	.1	33	12	681	3.32	5	5	ND	11	299	2	2	3	44	3.41	.147	83	70	1.33	28	.01	3	1.55	.02	.19	1	2
FX 412033	1	17	15	73	.2	36	14	684	3.44	2	5	ND	12	258	2	2	2	44	3.51	.145	79	69	1.47	26	.01	2	1.65	.01	.18	1	4
FX 412034	1	17	19	72	.2	30	11	678	3.27	7	5	ND	13	239	2	2	2	43	3.91	.145	83	69	1.35	33	.01	4	1.67	.02	.22	1	7
FX 412035	13	15	13	78	.4	39	15	655	3.73	44	5	ND	13	175	1	2	2	43	1.83	.146	85	66	1.31	31	.01	2	1.67	.01	.22	1	51
FX 412036	1	14	12	64	.1	25	10	912	2.89	4	5	ND	13	308	2	2	2	43	6.13	.135	76	61	1.10	60	.01	2	1.91	.02	.46	2	5
FX 412037	1	15	11	76	.1	35	14	917	3.49	10	5	ND	14	211	2	2	4	43	3.47	.155	85	74	1.42	29	.01	4	1.68	.02	.19	1	4
FX 412038	1	19	8	75	.1	34	15	725	3.40	2	5	ND	13	202	2	2	2	47	2.90	.147	83	73	1.39	39	.01	2	1.64	.02	.20	1	1
FX 412039	1	21	16	76	.2	34	14	542	3.64	9	5	ND	12	184	1	2	2	50	2.58	.153	86	69	1.29	40	.01	4	1.69	.02	.20	1	1
FX 412040	1	21	18	75	.1	33	16	720	3.50	3	5	ND	12	209	3	2	2	52	3.60	.149	83	67	1.38	26	.01	8	1.70	.02	.18	1	2
FX 412041	1	12	14	68	.1	30	12	731	3.23	2	5	ND	12	221	1	2	2	50	3.52	.150	85	71	1.31	27	.01	7	1.55	.02	.18	2	2
FX 412042	1	15	21	69	.1	31	10	709	3.28	5	5	ND	12	222	1	2	2	51	3.42	.151	85	69	1.29	33	.01	2	1.52	.02	.18	1	2
FX 412043	2	20	27	78	.2	37	14	708	3.55	11	5	ND	13	191	1	2	2	49	2.60	.149	80	67	1.32	35	.01	2	1.67	.02	.19	1	3
FX 412044	1	14	21	75	.1	29	12	688	3.30	9	5	ND	13	223	3	2	2	41	2.92	.138	73	58	1.47	20	.01	2	1.75	.01	.18	1	3
FX 412045	1	16	17	71	.1	26	14	711	3.51	5	5	ND	15	280	3	2	2	45	3.36	.140	86	66	1.73	29	.01	2	1.86	.01	.18	1	2
FX 412046	1	19	25	72	.1	34	14	712	3.45	6	5	ND	14	243	2	2	2	46	3.17	.146	83	67	1.62	28	.01	9	1.78	.01	.18	1	2
FX 412047	1	17	19	71	.1	30	12	820	3.39	8	5	ND	13	271	3	2	2	45	3.25	.148	82	67	1.21	23	.01	4	1.55	.01	.19	1	3
FX 412048	1	19	16	74	.1	34	13	734	3.51	10	5	ND	14	235	2	2	2	52	3.48	.142	84	77	1.80	36	.01	18	1.79	.02	.16	1	2
FX 412049	1	17	15	67	.1	30	14	618	3.67	7	5	ND	15	256	2	2	2	61	3.02	.143	84	74	1.86	80	.02	2	1.68	.03	.19	3	1
FX 412050	1	17	16	72	.1	31	14	680	3.73	7	5	ND	15	216	3	2	2	59	2.71	.148	88	76	1.68	48	.01	2	1.71	.03	.16	1	3
FX 412051	1	18	21	73	.2	35	15	774	3.70	8	5	ND	16	240	2	2	2	60	3.14	.153	91	73	1.37	36	.01	5	1.62	.02	.17	1	4
FX 412052	3	19	21	76	.2	32	13	650	3.57	13	5	ND	16	264	2	2	2	49	2.82	.150	86	73	1.50	45	.01	2	1.70	.02	.19	1	6
FX 412053	1	18	15	75	.1	33	14	728	3.60	10	5	ND	16	241	2	2	2	55	3.02	.150	87	72	1.74	43	.01	2	1.72	.02	.16	2	6
FX 412054	2	19	10	77	.2	31	14	661	3.80	8	5	ND	16	228	2	2	2	55	2.91	.143	88	78	2.06	53	.01	2	1.92	.03	.14	1	4
FX 412055	2	18	13	79	.2	38	15	693	3.82	17	5	ND	17	209	2	2	3	53	2.90	.147	93	73	1.67	33	.01	2	1.83	.03	.15	1	6
FX 412056	2	15	13	63	.3	31	13	825	3.10	11	5	ND	15	201	1	2	2	48	3.46	.139	82	64	1.20	31	.01	2	1.45	.02	.18	1	9
FX 412057	2	17	8	73	.1	32	14	667	3.74	3	5	ND	16	207	2	2	4	57	2.98	.144	86	76	2.01	34	.01	2	1.84	.03	.13	1	2
FX 412058	2	17	16	72	.1	33	13	821	3.40	4	5	ND	17	325	2	2	2	53	4.90	.139	86	69	2.01	31	.01	2	1.88	.03	.11	1	5
FX 412059	1	18	13	74	.1	30	14	665	3.73	4	5	ND	17	226	2	2	3	53	3.19	.146	88	76	1.91	45	.01	2	1.80	.03	.14	1	6
FX 412060	1	15	17	64	.1	24	11	1202	2.92	5	5	ND	16	440	2	2	2	39	5.95	.136	83	55	1.06	28	.01	3	1.45	.03	.22	2	3
FX 412061	2	18	8	74	.1	31	14	698	3.73	11	5	ND	17	212	2	2	2	54	2.77	.148	90	73	1.46	40	.01	2	1.66	.03	.15	2	7
STD C/AU-S	18	62	36	133	7.1	67	31	1027	3.92	44	18	7	37	48	20	18	23	60	.48	.090	39	55	.87	171	.06	35	1.68	.06	.14	12	495

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
FX 412062	2	15	15	64	.2	27	12	746	3.42	5	5	ND	18	186	2	2	2	53	3.06	.144	84	68	1.34	55	.01	29	1.62	.03	.21	1	7
FX 412063	1	23	21	79	.5	35	14	704	3.54	16	5	ND	17	183	2	2	2	44	2.25	.148	92	66	1.23	30	.01	8	1.71	.02	.21	1	119
FX 412064	1	22	20	79	.6	31	12	667	3.46	16	5	ND	16	176	1	4	2	47	2.04	.150	90	69	1.31	71	.01	2	1.66	.02	.18	1	29
FX 412065	2	14	23	74	.5	31	12	708	3.37	4	5	ND	16	189	1	2	2	44	2.24	.158	94	70	1.19	30	.01	2	1.69	.02	.22	1	6
FX 412066	3	15	15	74	.3	31	14	668	3.85	5	5	ND	16	185	2	2	2	57	3.06	.154	81	73	1.87	55	.02	2	1.96	.03	.19	1	6
FX 412067	2	14	7	82	2.3	36	13	655	3.74	11	5	ND	12	136	1	2	2	52	1.48	.178	99	71	1.20	21	.01	3	1.78	.01	.21	2	260
FX 412068	2	19	17	105	1.8	42	17	834	4.35	24	5	ND	13	162	1	2	2	57	2.02	.150	89	66	1.36	24	.01	2	2.09	.01	.22	2	95
FX 412069	2	18	21	81	1.5	32	12	623	3.76	13	5	ND	14	167	1	2	2	60	2.05	.150	86	73	1.43	25	.01	2	1.76	.02	.18	1	54
FX 412070	1	13	21	77	.7	32	13	668	3.79	10	5	ND	14	235	3	2	2	56	3.30	.145	84	72	1.84	45	.01	2	1.98	.03	.17	1	98
FX 412071	1	15	16	72	.1	31	14	673	3.79	6	5	ND	12	241	2	2	2	55	3.74	.149	84	74	1.81	22	.01	7	1.87	.03	.11	2	2
FX 412072	1	15	17	70	.1	29	13	633	3.85	7	5	ND	12	226	3	2	2	57	3.26	.147	82	78	2.07	36	.01	2	1.93	.03	.14	3	3
FX 412073	1	21	5	87	.1	33	15	679	4.07	7	5	ND	12	232	1	2	2	55	3.13	.155	87	82	1.93	27	.01	2	2.21	.03	.14	2	14
FX 412074	1	15	13	74	.1	32	11	769	3.55	7	5	ND	11	328	2	2	2	44	3.57	.160	85	68	1.55	19	.01	4	1.99	.02	.22	1	5
FX 412075	2	19	18	84	.2	39	14	673	3.85	3	5	ND	8	300	2	2	2	54	3.60	.158	80	79	1.94	30	.01	2	2.10	.03	.16	1	4
FX 412076	1	11	8	153	.1	39	14	702	3.90	7	5	ND	6	313	2	2	2	52	3.63	.167	81	72	2.16	24	.01	2	2.45	.03	.17	1	5
FX 412077	2	53	14	143	.2	90	18	800	4.52	8	5	ND	6	267	3	2	2	58	3.60	.193	64	144	2.92	26	.01	7	3.12	.03	.17	1	5
FX 412078	1	37	16	146	.1	43	15	999	3.20	8	5	ND	7	319	2	2	2	44	5.44	.153	76	71	1.87	35	.01	11	2.13	.04	.21	1	4
FX 412079	62	15	33	67	1.1	52	18	344	4.16	317	5	ND	9	230	2	3	3	28	.77	.168	53	78	1.34	23	.01	3	1.74	.05	.27	1	34
FX 412080	2	17	13	78	.1	46	16	541	3.97	7	5	ND	8	153	2	2	2	30	1.50	.149	55	89	1.75	26	.01	4	2.05	.03	.21	2	5
FX 412081	1	42	21	96	.2	56	17	593	4.25	12	5	ND	8	133	2	2	2	36	1.56	.143	53	94	1.94	28	.01	4	2.29	.03	.20	2	1
FX 412082	5	18	20	71	.4	46	16	526	3.81	47	5	ND	8	152	2	2	2	39	1.56	.134	49	79	1.63	17	.01	2	1.84	.02	.17	2	22
FX 412083	80	16	32	75	.8	45	18	503	4.07	121	5	ND	7	223	1	2	2	40	1.24	.153	44	83	1.54	21	.01	2	1.87	.03	.20	1	45
FX 412084	21	21	14	91	.3	41	19	745	4.65	22	5	ND	7	162	3	2	2	50	1.36	.159	52	108	2.00	27	.01	2	2.46	.02	.17	1	8
FX 412085	23	11	18	73	.4	46	16	488	3.85	37	5	ND	6	311	1	2	2	38	.95	.128	43	79	1.53	30	.01	9	1.93	.02	.23	2	36
FX 412086	244	12	23	37	1.2	40	11	236	2.25	80	5	ND	4	127	1	3	2	24	.69	.080	34	49	.78	10	.01	4	.92	.02	.18	1	32
FX 412087	50	17	38	81	.5	52	17	476	4.19	99	5	ND	6	173	1	3	2	42	.87	.159	49	101	1.70	24	.01	2	2.21	.03	.26	2	15
FX 412088	2	18	31	91	.2	46	16	838	4.31	2	5	ND	7	266	4	2	2	41	3.75	.168	78	117	2.02	57	.01	4	2.70	.04	.27	1	2
FX 412089	1	23	34	83	.2	41	16	919	4.02	7	5	ND	6	257	2	2	2	42	4.37	.140	51	88	1.96	36	.01	4	2.33	.03	.22	1	7
FX 412090	4	18	37	84	.2	44	16	732	4.05	15	5	ND	7	273	2	2	2	44	3.72	.153	65	119	2.24	39	.01	6	2.59	.03	.21	1	5
FX 412091	2	17	29	79	.2	38	15	884	3.35	10	5	ND	7	800	2	2	2	43	4.47	.137	59	98	2.13	111	.01	2	2.30	.03	.17	1	4
FX 412092	58	11	19	60	.5	39	13	486	3.14	52	5	ND	5	171	1	2	2	31	1.55	.112	39	65	1.26	35	.01	3	1.38	.02	.20	2	29
FX 412093	7	21	19	72	.4	41	14	872	3.51	14	5	ND	7	168	2	2	2	28	3.82	.128	44	86	1.59	33	.01	2	1.95	.02	.23	1	9
FX 412094	3	22	25	84	.4	48	15	666	3.68	48	5	ND	8	248	1	2	2	31	2.66	.147	50	86	1.56	20	.01	2	1.87	.03	.20	1	16
FX 412095	1	18	19	75	.2	41	15	969	3.81	7	5	ND	9	323	3	2	2	38	4.26	.152	58	81	1.79	23	.01	2	2.12	.03	.16	1	5
FX 412096	6	18	35	73	.7	40	14	736	4.10	82	5	ND	10	252	2	2	2	37	2.89	.139	50	88	1.76	21	.01	2	2.10	.03	.20	1	10
FX 412097	14	18	27	80	1.0	57	19	588	4.14	159	5	ND	9	215	3	2	2	33	2.06	.152	51	98	1.53	20	.01	2	1.96	.03	.24	1	26
STD C/AU-R	19	63	38	134	7.4	71	31	1032	4.00	39	19	8	38	49	20	15	22	61	.49	.094	39	55	.90	175	.06	32	1.81	.06	.13	12	500

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
FX 412098	2	13	23	75	.3	42	15	783	3.68	12	5	ND	8	260	2	2	2	31	3.40	.143	59	89	1.60	29	.01	2	1.90	.03	.20	1	5
FX 412099	2	16	26	75	.3	42	16	879	3.78	5	5	ND	9	262	2	2	2	30	3.95	.146	62	90	1.53	28	.01	2	1.91	.03	.22	2	5
FX 412100	2	19	15	65	.3	35	15	1142	3.42	11	5	ND	9	340	1	2	2	29	5.34	.136	56	81	1.34	28	.01	2	1.68	.03	.20	1	10
FX 412101	3	15	17	86	.6	47	16	628	4.63	116	5	ND	8	204	2	2	2	35	1.51	.148	50	82	1.66	21	.01	2	2.03	.03	.18	3	25
FX 412102	11	11	22	61	.7	44	16	275	3.06	199	5	ND	9	166	1	4	2	23	.65	.136	46	69	.95	19	.01	2	1.15	.03	.23	1	71
FX 412103	21	16	27	62	.9	49	16	402	3.42	142	5	ND	8	193	1	2	2	26	1.28	.118	42	63	.94	15	.01	2	1.20	.03	.23	1	1370
FX 412104	4	16	26	85	.3	41	17	744	3.91	46	5	ND	7	265	2	2	2	39	2.62	.145	54	92	1.54	26	.01	2	1.87	.03	.19	1	25
FX 412105	3	14	29	81	.5	41	16	766	3.78	50	5	ND	8	1168	1	2	2	38	2.79	.143	58	88	1.66	49	.01	2	1.84	.03	.18	1	60
FX 412106	4	12	23	75	.2	41	16	675	3.58	22	5	ND	7	154	2	2	2	37	1.87	.140	70	92	1.64	27	.01	2	1.84	.02	.17	1	18
FX 412107	30	9	13	52	.4	36	13	375	2.28	19	5	ND	8	230	1	2	2	24	3.49	.131	70	54	.89	17	.01	3	1.18	.03	.26	2	66
FX 412108	5	14	17	77	.2	41	15	730	3.85	16	5	ND	8	282	2	2	2	55	3.35	.138	79	102	1.75	34	.01	2	1.85	.03	.15	1	16
FX 412109	1	17	21	85	.1	40	16	784	3.96	2	5	ND	8	303	2	2	2	66	3.69	.139	78	110	2.06	36	.01	2	1.92	.05	.11	1	5
FX 412110	1	15	15	77	.1	40	16	735	4.04	4	5	ND	8	325	2	2	2	62	3.18	.145	80	110	2.20	46	.01	2	2.05	.06	.11	1	2
FX 412111	1	21	19	74	.1	48	16	795	3.76	2	5	ND	6	247	2	2	2	50	3.65	.141	70	100	2.15	34	.01	2	2.29	.04	.18	1	5
FX 412112	1	17	11	44	.1	5	3	299	1.40	2	5	ND	2	144	1	2	2	15	1.19	.041	22	6	.32	28	.01	2	.65	.03	.16	1	5
FX 412113	1	18	17	35	.1	3	2	545	1.11	3	5	ND	2	12329	1	2	2	11	4.47	.031	15	6	.22	1066	.01	2	.50	.03	.17	1	3
FX 412114	2	19	15	45	.1	1	4	382	1.38	2	8	ND	2	1326	1	2	2	16	2.00	.038	21	6	.31	122	.01	2	.58	.03	.15	1	3
FX 412115	1	20	14	49	.1	7	3	333	1.45	2	5	ND	3	179	1	2	2	17	1.61	.037	22	6	.30	172	.01	2	.65	.03	.16	1	3
FX 412116	3	19	13	50	.1	5	4	306	1.50	2	5	ND	2	316	1	2	2	16	1.25	.040	22	5	.33	42	.01	2	.66	.04	.15	1	4
FX 412117	2	19	16	51	.1	5	4	318	1.44	2	5	ND	2	131	1	2	2	16	1.19	.041	22	6	.32	38	.01	2	.67	.04	.16	1	2
FX 412118	4	23	17	51	.1	6	4	330	1.46	2	5	ND	2	160	1	2	2	16	1.78	.040	23	7	.31	28	.01	2	.65	.03	.18	1	3
FX 412119	17	17	12	51	.1	5	3	330	1.54	2	5	ND	2	167	1	2	2	16	1.43	.039	21	5	.31	43	.01	2	.66	.03	.16	1	6
FX 412120	4	21	18	46	.1	2	3	409	1.36	2	5	ND	2	234	1	2	2	15	1.92	.045	24	5	.34	41	.01	2	.60	.04	.18	1	3
FX 412121	7	25	30	82	.1	7	9	744	2.94	3	5	ND	8	437	2	2	2	22	3.94	.184	84	11	.88	100	.01	2	1.13	.04	.20	1	16
FX 412122	1	13	17	67	.1	9	9	787	3.15	2	5	ND	7	436	1	2	2	21	3.75	.184	85	7	1.00	131	.01	3	1.30	.04	.19	1	11
FX 412123	5	22	37	72	.3	6	10	797	2.62	5	5	ND	6	387	2	2	2	19	6.29	.159	81	5	.86	70	.01	3	1.03	.03	.20	2	21
FX 412124	4	26	30	74	.1	4	9	757	2.91	2	5	ND	7	300	2	2	2	23	4.03	.180	106	5	.87	57	.01	4	1.03	.03	.21	1	23
FX 412125	2	20	28	71	.3	6	6	1033	2.51	5	5	ND	8	456	1	2	2	21	10.56	.154	66	6	.81	53	.01	2	1.04	.03	.20	2	16
FX 412126	5	22	38	74	.2	5	10	776	2.79	6	5	ND	8	641	2	2	2	23	4.86	.173	100	6	.81	100	.01	2	.99	.03	.18	1	17
FX 412127	4	26	31	77	.1	8	9	601	2.94	4	5	ND	8	294	1	2	2	27	2.87	.178	120	7	.78	93	.01	6	.97	.04	.18	1	18
FX 412128	6	21	31	75	.1	8	10	631	2.86	2	5	ND	8	363	1	2	2	26	3.28	.176	119	9	.94	91	.01	6	1.14	.04	.17	1	7
FX 412129	3	24	29	84	.1	6	11	640	3.31	5	5	ND	6	418	2	2	2	29	3.42	.197	77	7	1.32	153	.01	2	1.55	.04	.17	1	18
FX 412130	4	26	36	76	.1	13	11	610	3.15	5	5	ND	5	292	1	2	2	30	3.05	.189	70	8	1.26	132	.01	5	1.46	.04	.18	1	24
FX 412131	2	15	24	67	.2	8	7	810	2.44	2	5	ND	3	436	1	2	2	24	11.53	.152	43	7	1.10	116	.01	3	1.15	.03	.15	1	15
FX 412132	2	23	19	87	.1	7	11	771	3.35	2	5	ND	5	334	2	2	2	34	3.23	.195	67	9	1.49	141	.01	3	1.62	.04	.15	1	18
FX 412133	4	27	61	111	.1	7	10	723	3.39	5	5	ND	5	260	2	2	3	33	2.46	.200	80	9	1.41	71	.01	2	1.52	.04	.16	1	7
STD C/AU-R	19	62	44	133	7.3	70	31	1034	3.97	40	20	8	37	48	19	14	22	60	.48	.090	39	56	.86	173	.06	37	1.70	.06	.14	13	530

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
FX 412134	5	26	37	97	.1	9	10	776	3.19	10	5	ND	5	379	2	2	2	31	3.46	.195	86	8	1.25	124	.01	5	1.45	.04	.18	1	17
FX 412135	10	28	29	81	.1	11	10	647	3.37	17	5	ND	5	280	2	2	2	34	2.44	.210	140	8	1.34	125	.01	2	1.58	.05	.18	1	12
FX 412136	31	23	27	84	.1	6	11	737	3.36	28	5	ND	6	284	1	2	2	36	3.00	.204	102	8	1.29	55	.01	2	1.56	.05	.16	1	22
FX 412137	16	22	35	94	.1	7	10	890	3.19	35	6	ND	10	455	2	2	2	27	4.69	.176	75	7	1.05	125	.01	2	1.38	.04	.16	1	29
FX 412138	2	23	14	37	.1	1	4	308	1.38	5	5	ND	2	261	1	2	2	20	2.40	.054	32	5	.32	75	.01	3	.63	.04	.24	1	5
FX 412139	2	20	9	34	.1	1	3	302	1.32	4	5	ND	2	209	1	2	2	20	1.97	.040	21	5	.27	207	.01	2	.50	.04	.21	1	4
FX 412140	2	19	17	37	.1	7	3	330	1.42	6	5	ND	2	174	1	2	2	18	1.76	.040	23	6	.26	44	.01	2	.46	.03	.16	1	13
FX 412141	1	24	5	37	.1	4	2	253	1.37	5	5	ND	3	141	1	2	2	20	1.15	.039	22	6	.22	70	.01	2	.50	.04	.21	1	3
FX 412142	1	13	15	29	.1	2	2	1403	1.13	7	5	ND	2	1532	1	2	2	14	12.00	.029	18	4	.16	1063	.01	2	.43	.04	.23	2	2
FX 412143	1	22	4	37	.1	2	3	408	1.37	2	5	ND	3	224	1	2	2	19	2.45	.040	21	5	.22	728	.01	3	.50	.04	.21	1	2
FX 412144	1	21	9	33	.2	6	5	314	1.29	3	5	ND	3	619	1	2	2	19	1.66	.040	21	5	.23	720	.01	6	.40	.03	.16	2	6
FX 412145	2	21	11	31	.1	4	2	351	1.22	2	5	ND	3	153	1	2	2	18	2.38	.037	21	5	.22	381	.01	2	.49	.04	.23	1	16
FX 412146	1	20	22	31	.1	2	4	518	1.20	8	5	ND	3	2865	1	2	2	15	3.54	.035	20	4	.20	1773	.01	2	.42	.04	.19	2	3
FX 412147	1	22	6	33	.1	1	4	226	1.26	3	5	ND	3	147	1	2	2	19	1.50	.038	21	5	.22	150	.01	2	.47	.04	.21	1	3
FX 412148	2	21	7	35	.2	8	3	265	1.40	4	5	ND	3	141	1	2	2	19	1.40	.039	23	7	.25	179	.01	2	.47	.04	.19	2	3
FX 412149	1	22	11	34	.1	2	4	389	1.36	4	5	ND	3	214	1	2	2	18	2.45	.038	22	5	.26	487	.01	3	.47	.04	.19	1	2
FX 412150	1	23	10	34	.1	2	3	369	1.40	3	5	ND	2	182	1	2	2	18	2.04	.039	23	4	.27	186	.01	4	.48	.04	.19	1	3
FX 412151	5	19	8	44	.1	2	3	304	1.30	5	5	ND	2	517	1	2	2	13	1.70	.040	22	4	.30	355	.01	4	.55	.04	.22	2	2
FX 412152	8	24	40	84	.2	5	8	486	2.36	5	5	ND	10	370	1	2	2	18	4.00	.153	101	6	.63	118	.01	2	.89	.03	.18	1	9
FX 412153	9	18	36	78	.1	3	6	450	1.87	5	5	ND	11	335	1	2	2	16	5.98	.118	143	3	.44	99	.01	8	.79	.04	.23	1	12
FX 412154	9	13	44	19	.1	2	4	156	1.15	5	5	ND	10	294	1	2	2	8	2.78	.128	146	2	.15	79	.01	4	.71	.05	.39	1	7
FX 412155	2	21	31	92	.1	3	9	570	2.63	9	5	ND	12	375	1	2	2	23	4.44	.143	152	4	.68	147	.01	4	.99	.04	.19	1	11
FX 412156	1	25	34	81	.1	6	10	647	3.03	7	5	ND	10	344	2	2	2	27	3.47	.183	136	7	.99	97	.01	13	1.23	.04	.16	1	15
FX 412157	1	22	23	75	.1	7	8	644	2.74	9	5	ND	12	425	1	2	2	28	3.68	.178	150	7	.94	157	.01	2	1.14	.04	.17	1	7
FX 412158	9	21	41	62	.1	6	8	419	3.03	9	5	ND	9	294	1	2	2	22	2.98	.183	118	7	.71	71	.01	2	.97	.04	.25	1	13
FX 412159	3	25	34	85	.1	6	10	529	3.03	8	5	ND	8	296	1	2	2	26	3.27	.185	101	7	1.16	89	.01	8	1.37	.04	.20	1	19
FX 412160	3	22	32	165	.3	6	10	946	2.52	11	5	ND	7	837	1	2	2	20	7.55	.161	52	7	.89	101	.01	3	1.06	.04	.20	1	26
FX 412161	3	22	25	76	.2	7	9	563	2.75	10	5	ND	9	400	1	2	2	23	3.85	.170	83	5	1.09	168	.01	2	1.25	.04	.19	1	4
FX 412162	3	26	35	79	.1	7	10	581	2.89	7	5	ND	10	310	2	2	2	26	3.33	.188	143	7	1.22	55	.01	2	1.47	.05	.19	1	5
FX 412163	4	23	31	79	.1	9	10	626	2.93	9	5	ND	10	331	1	2	2	27	3.50	.187	127	7	1.22	86	.01	2	1.49	.04	.21	1	18
FX 412164	3	26	35	81	.1	8	10	633	3.00	8	5	ND	10	390	1	2	2	27	2.98	.181	137	6	1.23	68	.01	11	1.50	.04	.20	1	13
FX 412165	2	25	40	84	.2	9	11	632	3.21	11	5	ND	8	276	2	2	2	30	3.59	.207	138	8	1.32	49	.01	5	1.45	.03	.13	1	19
FX 412166	3	26	28	82	.1	7	9	663	3.18	9	5	ND	10	287	1	2	2	32	3.67	.208	137	8	1.38	50	.01	12	1.55	.04	.17	1	14
FX 412167	2	23	21	77	.1	11	9	816	2.81	10	5	ND	8	417	1	2	2	28	9.44	.192	124	9	1.23	38	.01	14	1.46	.04	.17	1	8
FX 412168	2	28	30	90	.2	10	13	754	3.39	7	5	ND	8	305	1	2	3	32	3.82	.215	134	10	1.30	33	.01	2	1.54	.03	.13	1	18
FX 412169	1	23	30	72	.2	5	10	833	2.75	7	5	ND	6	473	2	2	2	33	10.01	.194	116	8	1.16	60	.01	2	1.57	.04	.25	1	25
STD C/AU-R	19	62	41	133	7.3	70	31	1010	3.91	44	20	7	39	53	18	19	20	60	.52	.095	40	54	.85	176	.06	34	1.69	.06	.13	12	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
FX 412170	2	24	36	76	.1	8	12	635	3.14	3	5	ND	6	321	1	2	2	29	3.53	.190	133	7	1.17	81	.01	6	1.43	.04	.14	1	10
FX 412171	1	23	35	74	.1	5	9	642	2.98	3	5	ND	7	283	3	2	2	23	3.16	.177	137	5	1.07	96	.01	2	1.13	.03	.12	1	11
FX 412172	5	18	32	66	.1	3	9	584	2.64	2	5	ND	6	328	2	2	2	21	4.56	.162	106	6	.94	79	.01	2	.94	.03	.10	1	9
FX 412173	2	28	33	73	.1	6	10	694	3.16	7	5	ND	6	379	2	2	2	27	4.39	.196	125	6	1.11	89	.01	2	1.22	.03	.14	1	8
FX 412174	1	8	38	51	.1	1	3	673	1.68	6	5	ND	10	438	1	2	2	12	4.93	.076	143	2	.55	603	.01	2	.68	.03	.09	1	3
FX 412175	1	27	34	81	.1	7	11	892	3.40	4	5	ND	7	322	2	2	2	30	3.00	.203	138	8	1.37	84	.01	15	1.56	.03	.10	1	4
FX 412176	1	26	39	79	.1	8	10	768	3.23	6	5	ND	7	575	2	2	2	29	3.33	.192	114	9	1.30	185	.01	2	1.46	.03	.12	1	5
FX 412177	1	29	30	81	.1	8	10	749	3.41	9	5	ND	8	650	2	2	2	33	2.74	.197	131	10	1.39	124	.01	2	1.50	.03	.09	1	5
FX 412178	3	23	34	78	.1	8	10	518	3.42	7	5	ND	8	443	2	2	2	49	2.62	.203	134	9	1.38	56	.04	2	1.40	.03	.10	1	8
FX 412179	2	26	29	80	.2	9	11	505	3.52	7	5	ND	7	1106	2	2	2	49	2.37	.198	139	10	1.40	123	.03	2	1.28	.03	.09	1	8
FX 412180	9	26	40	67	.1	8	10	432	3.60	9	5	ND	7	331	3	2	2	38	1.85	.206	142	9	1.05	65	.01	2	.93	.03	.07	1	20
FX 412181	6	24	23	67	.1	4	11	559	3.22	7	5	ND	8	1993	2	2	3	40	3.36	.193	123	7	1.16	95	.03	2	1.14	.03	.11	1	12
FX 412182	8	24	22	84	.1	6	11	546	3.31	5	5	ND	8	805	2	2	2	42	2.99	.196	135	8	1.37	177	.01	2	1.45	.03	.11	1	11
FX 412183	7	25	19	51	.1	7	13	522	3.58	3	5	ND	6	466	1	2	15	38	2.17	.208	140	9	1.27	103	.01	2	1.42	.03	.09	1	9
FX 412184	4	23	7	49	.2	5	6	470	2.01	8	5	ND	2	628	1	2	2	21	3.29	.100	63	6	.64	53	.01	2	.90	.03	.17	1	4
FX 412185	5	13	7	33	.1	3	4	298	1.25	4	5	ND	1	504	1	2	4	10	2.04	.040	22	4	.32	300	.01	18	.50	.03	.15	2	1
FX 412186	2	13	13	31	.1	2	5	264	1.14	2	5	ND	1	461	1	2	2	12	2.02	.037	20	4	.28	206	.01	2	.44	.03	.15	2	1
FX 412187	5	25	37	62	.2	6	10	552	3.28	5	5	ND	8	327	2	2	2	30	3.20	.201	115	7	.95	58	.01	2	1.07	.04	.16	1	3
FX 412188	5	18	44	74	.1	12	12	707	3.15	16	5	ND	9	473	2	2	2	30	3.32	.157	121	15	1.06	101	.01	2	1.09	.03	.13	1	8
FX 412189	2	20	32	73	.1	19	12	687	3.57	6	5	ND	10	254	2	2	2	39	2.40	.173	120	21	1.56	55	.01	2	1.55	.03	.12	1	4
FX 412190	4	29	36	77	.1	14	16	503	4.36	9	5	ND	12	216	2	2	2	46	2.17	.249	144	15	1.19	66	.01	2	1.62	.04	.30	1	5
FX 412191	1	29	25	97	.1	14	14	688	3.95	7	5	ND	12	483	3	2	2	66	6.67	.241	136	17	1.71	614	.01	2	3.33	.43	.99	1	3
FX 412192	5	31	35	92	.1	11	14	612	4.01	10	5	ND	11	574	1	2	2	56	2.21	.231	138	21	1.45	207	.01	2	1.92	.03	.25	1	6
FX 412193	2	36	27	101	.1	13	14	633	4.24	4	5	ND	15	357	1	2	2	59	4.29	.267	148	17	1.65	124	.01	2	1.73	.03	.13	1	2
FX 412194	2	29	25	97	.1	12	13	707	3.88	5	5	ND	14	493	3	2	2	63	7.19	.246	134	20	1.57	227	.01	2	1.94	.05	.27	1	3
FX 412195	2	31	36	113	.1	13	14	721	3.95	3	5	ND	15	486	3	2	2	54	4.75	.257	144	15	1.68	126	.01	2	1.64	.03	.12	1	3
FX 412196	2	31	17	110	.1	14	14	714	3.99	6	5	ND	15	573	2	2	4	56	4.71	.258	143	16	1.65	130	.01	2	1.60	.03	.10	1	3
FX 412197	2	34	28	112	.1	13	14	710	4.26	5	5	ND	14	366	3	2	2	59	4.04	.265	150	17	1.65	62	.01	4	1.62	.03	.08	1	3
FX 412198	2	33	31	138	.1	13	14	807	4.11	2	5	ND	13	597	2	2	2	52	3.44	.257	152	17	1.61	100	.01	2	1.66	.03	.09	1	2
FX 412199	1	30	18	129	.1	15	12	806	3.87	7	5	ND	13	411	2	2	2	52	4.78	.253	143	17	1.54	65	.01	2	1.62	.03	.13	1	1
FX 412200	1	31	19	124	.1	11	12	972	4.14	8	5	ND	14	515	3	2	2	49	4.13	.266	156	17	1.61	153	.01	2	1.76	.03	.11	1	1
FX 412201	2	31	32	94	.2	10	11	1586	3.55	7	5	ND	13	1911	3	2	2	43	9.73	.236	136	14	1.37	260	.01	2	1.59	.03	.12	1	5
FX 412202	3	35	28	105	.1	15	14	874	4.40	4	5	ND	15	375	2	2	2	51	2.87	.274	167	18	1.54	97	.01	2	1.73	.04	.09	1	7
FX 412203	1	32	15	95	.1	13	14	906	4.01	2	5	ND	15	615	3	2	2	44	5.17	.258	150	15	1.42	195	.01	2	1.56	.03	.12	1	3
FX 412204	2	35	33	96	.3	12	15	920	4.49	2	5	ND	16	428	3	2	3	58	4.05	.282	168	18	1.62	140	.01	2	2.11	.04	.26	1	11
FX 412205	10	26	34	54	.5	12	15	665	4.28	10	5	ND	11	246	2	2	2	38	2.95	.211	136	13	1.01	47	.01	2	1.38	.04	.31	1	82
STD C/AU-R	19	64	38	129	7.3	68	31	1015	3.96	42	17	7	38	48	20	14	22	60	.45	.094	39	53	.85	172	.06	35	1.71	.06	.13	11	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
FX 412206	3	35	23	101	.1	9	14	1123	3.89	11	5	ND	11	281	2	2	2	46	4.28	.242	134	14	1.41	31	.01	2	1.54	.04	.14	1	53
FX 412207	3	34	31	93	.1	10	10	1189	3.50	10	5	ND	11	374	2	2	3	45	3.47	.207	121	12	1.33	39	.01	2	1.52	.04	.20	1	45
FX 412208	4	33	40	93	.1	9	13	931	4.30	13	5	ND	13	266	4	2	4	45	2.82	.253	141	15	1.64	38	.01	4	1.74	.04	.17	1	39
FX 412209	2	32	32	91	.1	11	12	1123	3.68	13	5	ND	12	408	2	2	2	41	6.07	.230	131	11	1.49	32	.01	2	1.79	.04	.19	1	20
FX 412210	9	35	35	76	.3	12	15	800	3.82	8	5	ND	14	352	2	2	2	35	4.82	.235	128	16	1.07	48	.01	2	1.25	.04	.19	1	35
FX 412211	8	30	29	98	.2	12	15	841	3.94	7	5	ND	14	228	3	2	2	43	3.36	.234	145	13	1.28	107	.01	2	1.57	.04	.19	1	25
FX 412212	12	188	53	22	.3	5	9	316	2.41	7	5	ND	15	262	1	2	3	20	3.65	.188	152	11	.25	102	.01	3	.95	.03	.50	3	20
FX 412213	5	25	33	69	.1	5	6	565	2.36	11	5	ND	16	229	1	2	3	31	3.90	.130	137	4	.56	253	.01	4	1.64	.08	.60	1	3
FX 412214	4	14	35	96	.1	5	6	887	2.96	8	5	ND	16	239	2	2	3	28	2.83	.127	155	11	.93	179	.01	2	1.06	.06	.10	1	2
FX 412215	2	3	34	84	.1	3	5	731	2.38	11	5	ND	17	535	2	2	5	26	6.88	.117	124	4	.77	524	.01	3	2.36	.52	.98	1	2
FX 412216	5	18	18	74	.1	6	11	619	3.20	8	5	ND	9	204	1	2	2	37	2.77	.164	125	16	1.04	48	.01	2	1.20	.03	.21	1	2
FX 412217	1	20	25	81	.1	10	14	738	4.05	8	5	ND	9	329	3	2	2	54	3.72	.235	130	22	1.52	301	.01	2	1.65	.04	.17	1	1
FX 412218	4	26	23	80	.1	29	15	670	3.63	21	5	ND	9	274	3	2	2	46	4.06	.186	95	54	1.90	88	.01	2	2.00	.03	.19	1	5
FX 412219	1	24	13	73	.2	32	13	589	3.25	21	5	ND	7	285	2	2	2	35	3.73	.153	80	52	1.85	109	.01	2	1.94	.04	.18	1	8
FX 412220	1	24	13	91	.1	37	16	480	3.70	29	5	ND	5	218	1	2	2	34	2.80	.159	80	59	2.34	10	.01	2	2.44	.04	.16	1	6
FX 412221	4	17	45	82	.3	34	12	483	2.96	46	5	ND	5	306	2	2	2	35	3.03	.126	61	59	1.77	350	.01	2	1.73	.03	.14	1	87
FX 412222	1	21	20	83	.1	40	14	593	3.51	12	5	ND	4	261	2	2	2	36	3.34	.149	77	70	2.06	19	.01	2	2.05	.03	.13	1	11
FX 412223	1	16	39	59	.1	30	13	378	2.53	33	5	ND	4	184	1	2	2	26	2.43	.130	70	51	1.36	13	.01	2	1.33	.02	.13	1	23
FX 412224	1	21	13	79	.1	35	12	617	3.49	8	5	ND	5	291	3	2	2	35	2.95	.148	83	65	2.15	160	.01	2	2.13	.03	.16	1	7
FX 412225	1	18	18	79	.1	36	13	643	3.30	10	5	ND	6	254	2	2	2	31	3.45	.152	83	54	1.93	28	.01	2	2.00	.03	.13	1	3
FX 412226	7	22	17	44	.2	5	4	352	1.36	2	5	ND	2	149	1	2	4	12	1.85	.035	19	10	.29	22	.01	3	.49	.03	.14	1	11
FX 412227	1	18	14	38	.1	6	4	300	1.29	4	5	ND	1	4958	1	2	2	12	1.60	.036	12	4	.26	340	.01	4	.45	.03	.15	1	33
FX 412228	1	24	7	39	.1	3	3	325	1.29	5	5	ND	2	202	1	2	2	14	1.86	.036	22	9	.26	39	.01	4	.42	.03	.14	1	2
FX 412229	1	20	10	34	.2	4	3	303	1.23	3	5	ND	2	239	1	2	2	13	1.84	.035	21	4	.25	105	.01	2	.42	.03	.16	1	3
FX 412230	1	25	10	35	.1	9	3	334	1.21	2	5	ND	2	204	1	2	2	12	2.07	.037	22	10	.23	293	.01	2	.41	.03	.15	1	1
FX 412231	1	24	10	38	.2	6	4	304	1.34	2	5	ND	3	135	1	2	2	14	1.52	.036	23	4	.24	36	.01	2	.45	.03	.15	1	2
FX 412232	1	24	21	37	.2	3	3	456	1.22	4	5	ND	3	309	1	2	3	11	3.12	.036	19	8	.21	204	.01	2	.41	.03	.14	1	1
FX 412233	1	23	9	43	.2	3	4	359	1.39	3	5	ND	4	128	1	2	2	13	1.86	.035	23	4	.25	28	.01	3	.45	.03	.13	1	1
FX 412234	1	25	10	44	.1	7	3	400	1.40	2	5	ND	3	593	1	2	2	13	2.09	.037	23	12	.24	146	.01	4	.48	.03	.14	1	2
FX 412235	1	22	15	40	.1	3	3	326	1.27	2	5	ND	2	139	1	2	2	13	1.78	.034	22	4	.24	193	.01	16	.45	.03	.13	1	1
FX 412236	1	20	24	36	.1	2	4	372	1.19	4	5	ND	2	218	1	2	2	10	2.65	.035	20	5	.24	577	.01	3	.49	.03	.14	1	3
FX 412237	3	37	20	61	.2	17	8	447	1.88	10	8	ND	5	258	1	2	2	13	3.02	.109	48	13	.71	707	.01	2	1.14	.03	.27	1	6
FX 412238	1	6	36	31	.2	9	5	455	1.37	6	5	ND	3	315	1	2	2	22	3.58	.041	10	22	.52	948	.01	3	.85	.03	.16	1	3
FX 412239	1	27	7	57	.1	11	11	573	2.28	5	5	ND	2	247	1	2	2	33	1.74	.063	7	17	1.15	38	.08	2	1.46	.03	.04	1	1
FX 412240	1	3	6	46	.2	24	8	376	1.68	5	5	ND	4	690	1	2	2	37	2.22	.115	18	44	1.02	87	.11	2	1.46	.04	.05	3	2
FX 412241	1	60	20	115	.2	74	18	614	3.73	13	5	ND	18	700	3	2	2	58	3.82	.550	103	81	2.82	310	.14	2	2.41	.06	.07	2	3
STD C/AU-R	18	63	40	133	7.0	69	31	1014	3.77	40	19	7	36	47	19	14	18	57	.47	.089	37	56	.82	174	.06	34	1.78	.06	.14	13	490

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
FX 412242	1	29	12	77	.2	24	12	638	3.20	3	5	ND	4	370	2	2	2	41	2.16	.177	24	42	1.94	44	.12	2	1.97	.02	.04	1	3
FX 412243	1	53	9	71	.1	9	9	525	2.33	7	5	ND	3	189	1	2	2	35	2.21	.059	3	30	1.13	14	.11	2	2.02	.03	.05	1	2
FX 412244	1	7	10	62	.2	27	12	705	2.94	9	5	ND	1	175	1	2	2	52	2.60	.065	7	90	1.91	23	.11	2	2.58	.03	.04	1	1
FX 412245	1	13	11	61	.2	16	10	655	2.80	6	5	ND	2	167	1	2	3	41	1.88	.066	6	38	1.41	13	.12	2	2.03	.03	.04	1	3
FX 412246	1	14	10	56	.2	14	10	636	2.73	7	5	ND	1	115	1	2	4	44	1.99	.052	4	20	1.35	6	.11	2	2.04	.03	.04	1	4
FX 412247	1	16	3	50	.1	7	9	636	2.89	4	5	ND	2	73	1	2	2	48	1.11	.064	6	33	1.26	18	.11	13	1.53	.04	.05	1	6
FX 412248	1	11	10	55	.2	12	10	586	2.57	5	5	ND	1	121	1	2	2	40	2.42	.063	4	19	1.31	12	.09	3	2.43	.03	.03	1	1
FX 412249	1	14	8	54	.1	10	11	702	3.00	6	5	ND	1	68	2	2	2	53	1.96	.066	4	33	1.31	16	.11	2	1.79	.04	.06	1	1
FX 412250	1	18	9	56	.2	17	10	696	2.91	4	5	ND	1	75	1	2	2	43	1.59	.063	4	25	1.38	12	.10	2	1.72	.03	.05	1	3
FX 412251	1	21	12	56	.1	11	10	662	2.38	5	5	ND	2	85	1	2	2	45	1.20	.062	6	37	1.41	13	.11	5	1.82	.03	.04	1	1
FX 412252	1	5	14	44	.1	12	8	473	1.94	8	5	ND	2	379	1	2	2	43	3.09	.065	9	17	1.11	13	.05	6	2.57	.04	.03	2	2
FX 412253	1	11	2	79	.1	56	17	571	3.86	12	5	ND	31	281	2	2	2	54	3.08	.406	81	79	2.85	23	.12	4	2.75	.03	.04	1	4
FX 412254	1	22	7	60	.1	12	11	602	2.60	4	5	ND	2	218	1	2	3	40	2.15	.071	7	21	1.43	9	.09	6	2.32	.03	.02	1	1
FX 412255	1	12	4	49	.1	9	8	558	2.40	4	5	ND	1	71	1	2	2	39	1.51	.059	4	17	1.08	15	.08	17	1.57	.04	.04	1	1
FX 412256	1	12	3	50	.1	10	10	512	2.27	3	5	ND	2	60	1	2	2	35	1.13	.070	5	15	.97	9	.08	4	1.17	.03	.02	1	4
FX 412257	1	13	6	53	.1	10	8	554	2.40	3	5	ND	1	156	2	2	2	40	2.46	.067	6	18	1.23	6	.07	2	2.25	.03	.02	1	1
FX 412258	1	12	9	70	.1	73	14	407	2.63	9	5	ND	16	204	2	2	2	46	2.90	.381	50	90	2.41	22	.13	3	2.27	.03	.03	1	2
FX 412259	1	12	2	49	.1	10	8	546	2.45	2	5	ND	1	91	1	2	2	39	1.35	.061	4	20	1.12	13	.09	3	1.46	.03	.04	1	1
FX 412260	1	14	6	50	.1	9	11	587	2.51	8	5	ND	1	80	1	2	2	40	1.69	.066	5	21	1.16	11	.08	8	1.39	.03	.05	1	2
FX 412261	1	11	5	56	.1	10	10	691	2.97	3	5	ND	2	113	1	2	2	40	2.01	.064	6	22	1.29	21	.06	4	1.56	.03	.07	1	2
STD C/AU-R	19	62	38	137	7.4	69	31	1032	4.08	42	21	7	38	49	20	14	22	61	.48	.093	40	56	.91	179	.06	37	1.78	.06	.13	11	530

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD, B.C.
BH 72477
FX 412262-412424

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 6 1989 DATE REPORT MAILED: April 13/89 SIGNED BY C. Leong ..D.TOYE. C.LEONG. J.WANG; CERTIFIED B.C. ASSAYERS

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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
FX 412262	1	35	10	68	.1	34	11	801	2.99	5	5	ND	2	166	3	2	4	40	3.78	.135	53	62	2.44	449	.02	2	2.04	.01	.10	1	370
FX 412263	1	24	22	71	.1	32	15	860	3.42	6	5	ND	3	207	3	2	2	42	4.34	.151	64	44	2.70	648	.01	6	2.25	.01	.11	2	16
FX 412264	1	22	23	67	.1	31	12	769	3.22	4	5	ND	3	192	3	2	2	39	3.78	.141	63	50	2.49	597	.02	8	2.09	.01	.13	1	4
FX 412265	1	28	16	70	.1	26	14	768	3.41	11	5	ND	3	203	2	2	2	43	3.57	.145	69	42	2.39	1176	.02	8	2.13	.01	.12	1	6
FX 412266	1	42	22	72	.1	30	14	690	3.78	3	5	ND	3	207	3	2	3	52	3.20	.177	70	42	2.32	367	.05	6	1.89	.01	.19	1	2
FX 412267	1	36	22	57	.1	26	12	967	3.06	9	5	ND	4	272	2	3	3	43	5.11	.149	59	37	1.79	1399	.03	5	1.49	.02	.17	1	8
FX 412268	1	37	8	76	.1	31	15	748	4.05	12	5	ND	3	219	3	2	3	53	3.02	.179	77	47	2.52	312	.02	8	2.17	.01	.18	1	3
FX 412269	1	38	10	68	.2	34	14	687	3.70	11	5	ND	3	226	3	2	2	44	2.98	.158	62	49	2.55	151	.02	5	2.11	.01	.16	1	4
FX 412270	1	43	23	72	.1	40	14	652	3.36	5	5	ND	3	321	2	2	2	34	3.54	.151	56	56	2.45	263	.06	2	2.28	.01	.21	1	5
FX 412271	1	62	27	68	.1	64	15	663	3.33	9	5	ND	4	272	2	2	2	32	3.21	.159	57	100	2.36	62	.04	2	2.11	.01	.20	5	1
FX 412272	1	30	34	62	1.2	38	11	672	2.71	10	5	ND	7	275	2	2	3	30	4.72	.127	64	57	1.82	407	.01	2	1.63	.01	.19	5	1
FX 412273	1	21	10	61	.1	30	11	627	2.64	8	5	ND	11	301	2	2	3	28	3.85	.128	88	40	1.96	143	.03	2	1.46	.01	.22	1	1
FX 412274	2	20	22	60	.1	35	11	519	3.32	10	5	ND	13	157	2	2	4	54	2.38	.124	85	82	1.77	52	.03	5	1.18	.02	.11	2	1
FX 412275	1	15	23	68	.1	35	12	589	3.41	7	5	ND	11	167	2	2	2	50	2.36	.134	95	69	1.85	46	.02	6	1.43	.02	.12	1	1
FX 412276	1	15	16	61	.1	32	12	531	2.90	4	5	ND	10	175	2	2	2	42	2.41	.120	86	58	1.71	49	.02	2	1.29	.02	.15	1	1
FX 412277	1	25	13	65	.1	36	11	590	2.81	7	5	ND	9	284	3	2	2	30	3.59	.128	87	49	1.38	149	.02	3	1.52	.02	.20	1	2
FX 412278	1	30	13	65	.1	31	11	605	2.77	10	5	ND	7	284	2	2	2	33	4.01	.145	76	44	1.87	38	.02	2	1.55	.02	.21	1	1
FX 412279	1	17	17	63	.1	33	11	563	2.59	8	5	ND	9	286	2	2	2	26	3.79	.127	89	46	1.69	48	.02	2	1.34	.02	.19	2	1
FX 412280	1	16	15	54	.1	28	9	706	2.02	5	5	ND	7	305	2	2	2	22	6.79	.106	76	41	1.44	27	.01	2	1.21	.02	.17	1	6
FX 412281	1	15	16	69	.1	38	12	596	3.02	2	5	ND	9	301	2	2	4	29	3.49	.130	88	55	1.83	48	.01	4	1.73	.02	.19	1	4
FX 412282	1	15	53	59	.1	26	11	563	2.26	13	5	ND	8	301	2	2	2	23	4.29	.118	82	42	1.50	36	.01	2	1.46	.02	.20	1	8
FX 412283	1	17	24	64	.1	42	12	613	2.87	8	5	ND	9	270	2	2	2	34	3.73	.125	82	52	1.94	78	.02	5	1.58	.03	.19	1	6
FX 412284	1	11	12	61	.1	26	12	630	2.70	3	5	ND	8	227	2	2	2	37	4.16	.121	77	50	1.94	43	.02	2	1.48	.03	.17	1	1
FX 412285	1	10	19	66	.1	34	10	616	2.99	10	5	ND	10	226	1	2	2	46	3.56	.128	80	53	1.98	50	.04	6	1.52	.03	.17	1	1
FX 412286	1	10	4	61	.1	35	10	611	2.60	6	5	ND	9	195	2	3	2	40	4.46	.114	71	51	1.88	43	.06	4	1.41	.03	.17	1	1
FX 412287	1	12	16	63	.1	33	12	608	2.85	7	5	ND	10	229	2	2	3	41	3.76	.125	82	54	1.98	68	.04	2	1.56	.03	.19	1	1
FX 412288	1	9	14	39	.1	23	6	687	1.74	5	5	ND	5	224	2	2	2	22	7.33	.099	51	29	1.38	184	.01	2	1.01	.02	.13	1	1
FX 412289	1	29	17	54	.2	76	16	691	3.15	7	5	ND	3	160	3	2	2	40	2.29	.150	37	91	3.53	43	.01	3	2.67	.02	.07	1	2
FX 412290	1	18	22	65	.2	43	13	871	3.42	7	5	ND	6	233	3	3	2	40	3.79	.177	80	61	2.73	47	.03	5	2.17	.03	.13	1	1
FX 412291	1	18	22	59	.1	31	11	695	2.73	3	5	ND	7	227	2	2	2	29	3.56	.142	79	45	2.19	63	.02	4	1.69	.03	.14	1	3
FX 412292	1	19	34	66	.1	31	11	588	2.86	8	5	ND	7	247	2	2	2	26	2.98	.127	85	47	2.11	42	.01	3	1.78	.03	.17	1	1
FX 412293	1	23	50	69	.1	34	12	593	2.88	8	5	ND	8	235	2	3	2	27	2.98	.121	83	51	2.17	46	.01	2	1.81	.03	.16	1	5
FX 412294	1	14	7	56	.1	29	9	532	2.79	5	5	ND	12	184	2	3	2	38	3.41	.117	72	55	1.63	39	.05	4	1.27	.03	.14	1	3
FX 412295	1	16	23	59	.2	33	12	507	2.77	9	5	ND	12	182	1	2	2	37	2.34	.120	63	59	1.80	59	.03	3	1.47	.03	.13	1	5
FX 412296	1	21	17	57	.1	27	11	594	2.75	10	5	ND	13	232	1	2	2	36	3.86	.133	81	54	1.50	42	.03	5	1.33	.03	.19	1	1
FX 412297	1	36	23	74	.1	34	14	575	3.80	14	5	ND	4	211	3	2	2	60	3.48	.167	67	51	2.40	31	.18	8	2.14	.04	.17	1	17
STD C/AU-R	19	62	42	132	7.4	63	31	1029	4.02	42	21	8	37	48	19	15	22	60	.49	.096	39	55	.92	172	.06	37	1.73	.06	.14	13	495

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
FX 412298	1	43	17	113	.1	62	19	614	4.36	3	5	ND	4	239	4	2	2	62	2.99	.177	75	67	2.48	32	.27	5	2.55	.05	.23	1	41
FX 412299	1	20	9	50	.1	27	10	593	2.51	4	5	ND	6	192	2	2	2	32	4.19	.114	53	41	1.23	26	.12	2	1.23	.04	.19	1	16
FX 412300	1	14	13	63	.1	19	9	557	2.56	10	5	ND	8	172	2	2	2	33	3.33	.100	65	34	1.51	145	.10	3	1.33	.04	.14	1	23
FX 412301	1	21	6	56	.1	21	10	520	2.63	7	5	ND	8	214	2	2	3	34	2.87	.106	69	34	1.45	111	.06	3	1.43	.04	.24	2	1
FX 412302	1	20	14	62	.2	21	10	502	2.58	8	5	ND	8	111	2	2	2	37	2.62	.102	66	40	1.55	34	.13	2	1.25	.04	.11	2	1
FX 412303	1	19	15	70	.1	23	11	525	2.71	33	5	ND	10	220	2	2	2	32	2.36	.121	79	36	1.71	63	.05	4	1.78	.05	.26	1	16
FX 412304	1	16	25	59	.1	17	9	266	1.88	307	5	ND	14	184	2	2	2	14	1.13	.111	75	20	.72	200	.05	2	.94	.04	.26	1	58
FX 412305	1	16	31	50	.1	18	9	333	1.68	467	5	ND	12	235	1	5	2	11	2.41	.106	66	13	.53	153	.04	2	.82	.04	.23	1	49
FX 412306	1	15	29	51	.1	18	7	440	1.64	237	5	ND	10	305	1	2	2	12	4.12	.099	63	15	.61	190	.03	2	.90	.04	.27	1	67
FX 412307	1	18	17	64	.1	21	9	333	2.25	233	5	ND	15	166	2	2	2	16	.83	.118	83	25	.86	83	.06	5	1.06	.05	.26	1	24
FX 412308	1	18	25	63	.1	14	10	294	2.15	410	5	ND	15	180	1	5	2	15	.89	.119	81	20	.81	68	.06	5	1.01	.05	.29	1	32
FX 412309	2	18	27	64	.2	22	9	347	2.35	226	5	ND	13	172	1	2	2	19	1.25	.112	75	25	.87	159	.03	2	.96	.04	.23	1	54
FX 412310	1	19	22	68	.1	18	11	370	2.34	321	5	ND	13	190	2	2	2	16	1.59	.124	74	20	.92	157	.02	4	1.11	.05	.27	1	259
FX 412311	2	14	7	46	.1	16	7	713	1.75	3	5	ND	13	201	1	2	2	13	5.91	.084	65	21	.73	26	.02	3	.82	.03	.20	2	10
FX 412312	1	15	11	57	.1	16	8	361	1.99	132	5	ND	15	165	1	2	2	14	1.47	.111	83	19	.92	30	.02	2	1.01	.04	.26	1	5
FX 412313	1	20	15	66	.1	16	9	556	2.36	9	5	ND	15	177	1	2	2	16	2.66	.104	79	24	1.31	28	.02	6	1.34	.04	.23	1	12
FX 412314	1	16	16	60	.2	18	10	275	2.10	494	5	ND	11	123	1	2	2	15	1.61	.108	65	21	.86	28	.01	4	.90	.02	.21	1	47
FX 412315	3	19	16	55	.5	20	8	239	1.95	387	5	ND	10	89	1	3	2	17	1.26	.082	56	27	.80	25	.01	8	.78	.01	.17	1	80
FX 412316	1	23	25	62	.7	19	9	266	2.35	369	5	ND	11	84	1	2	2	20	1.13	.099	65	26	.98	24	.01	2	.93	.01	.19	1	24
FX 412317	3	17	14	46	.5	17	7	262	1.79	390	5	ND	9	113	1	2	2	16	2.06	.076	49	25	.72	20	.01	2	.71	.01	.17	1	40
FX 412318	1	26	12	84	.3	20	12	414	3.48	46	5	ND	9	89	2	2	4	30	1.17	.145	65	40	1.42	20	.03	6	1.36	.02	.18	1	14
FX 412319	3	15	17	40	.4	12	6	351	1.61	223	5	ND	8	297	1	2	3	13	3.66	.069	43	22	.61	66	.01	4	.59	.01	.15	2	102
FX 412320	1	17	10	63	.1	14	9	316	2.35	175	5	ND	14	116	1	2	2	16	.72	.104	74	21	.94	24	.02	2	.98	.03	.22	1	22
FX 412321	2	26	11	72	.1	20	10	361	2.62	513	5	ND	14	133	1	2	2	16	.76	.103	72	20	1.11	25	.01	2	1.17	.03	.23	1	38
FX 412322	1	14	24	51	.3	16	7	261	2.01	400	5	ND	12	111	1	2	3	13	.93	.092	61	17	.73	25	.01	2	.81	.02	.21	1	34
FX 412323	8	9	10	25	2.2	12	3	354	1.08	153	5	ND	3	422	1	2	4	13	8.39	.040	22	14	.38	7	.01	5	.49	.01	.15	2	269
FX 412324	42	13	19	59	6.5	15	9	301	2.17	374	5	ND	6	144	2	2	2	37	3.81	.107	44	24	1.05	18	.01	6	.90	.02	.15	1	619
FX 412325	10	19	23	73	4.4	15	11	184	2.77	299	5	ND	6	87	1	3	2	39	.63	.119	67	37	1.20	19	.01	12	1.11	.02	.21	1	160
FX 412326	44	19	20	72	7.6	19	10	184	3.11	527	5	ND	8	70	1	5	2	42	.46	.114	66	33	1.19	21	.01	2	1.08	.02	.21	1	258
FX 412327	21	21	20	70	5.1	17	11	183	3.02	453	5	ND	7	67	1	3	2	39	.52	.118	68	43	1.16	25	.01	11	1.02	.02	.21	1	225
FX 412328	10	15	17	64	5.3	16	11	157	2.87	296	5	ND	7	56	1	3	2	39	.35	.115	68	32	1.13	21	.01	2	1.00	.02	.20	1	179
FX 412329	56	16	21	60	6.7	18	10	172	2.63	395	5	ND	6	66	1	2	2	35	.69	.101	60	21	.88	16	.01	12	.81	.02	.18	1	245
FX 412330	45	17	16	75	5.1	18	10	159	2.84	446	5	ND	8	67	1	5	2	43	.46	.118	67	33	1.11	18	.01	2	.96	.02	.20	2	301
FX 412331	24	17	17	70	2.7	17	10	233	3.00	345	5	ND	7	80	1	2	2	42	.74	.118	66	40	1.27	19	.01	4	1.17	.02	.20	1	117
FX 412332	8	20	14	82	2.0	17	12	314	2.97	290	5	ND	8	108	1	2	2	35	1.49	.126	69	38	1.30	27	.01	6	1.28	.03	.21	1	74
FX 412333	17	16	11	84	3.8	21	11	237	3.07	366	5	ND	8	85	2	2	3	35	.98	.126	66	34	1.19	29	.01	13	1.11	.02	.20	1	149
STD C/AU-R	19	64	38	138	7.6	69	31	1029	3.96	41	19	8	37	48	20	18	21	60	.48	.094	39	55	.90	176	.06	36	1.77	.06	.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
FX 412334	30	18	18	62	5.5	12	10	461	2.80	338	5	ND	6	105	1	4	2	28	3.18	.112	45	31	.92	29	.01	2	.89	.02	.15	1	191
FX 412335	57	18	26	68	10.8	20	12	520	3.54	364	5	ND	5	94	3	6	2	37	3.18	.087	34	29	1.06	26	.01	2	.92	.02	.12	1	299
FX 412336	1	20	21	74	.2	23	12	624	3.15	86	5	ND	7	220	1	2	2	30	2.78	.158	77	39	1.80	30	.01	4	1.99	.05	.23	1	17
FX 412337	2	21	29	68	.2	18	13	534	3.15	116	5	ND	6	173	2	2	2	34	2.43	.162	73	36	1.33	33	.01	2	1.49	.04	.20	1	26
FX 412338	1	18	19	61	.2	18	12	585	2.83	72	5	ND	10	222	2	2	2	28	3.28	.160	79	31	1.11	143	.01	2	1.27	.04	.21	1	18
FX 412339	1	33	17	68	.1	29	14	593	3.19	50	5	ND	9	266	2	2	2	35	3.65	.170	69	42	1.20	33	.04	2	1.51	.05	.24	1	14
FX 412340	1	31	17	67	.1	26	12	629	3.05	11	5	ND	8	348	3	2	3	32	4.13	.169	75	39	1.24	175	.07	3	1.48	.06	.21	1	5
FX 412341	1	30	15	61	.1	19	11	637	2.73	8	5	ND	11	301	2	4	2	31	4.03	.172	86	36	.94	69	.06	2	1.22	.05	.27	1	3
FX 412342	1	33	20	68	.1	19	11	730	2.80	12	5	ND	10	388	2	2	3	31	3.98	.168	86	36	1.08	121	.08	2	1.44	.05	.25	1	4
FX 412343	1	36	14	71	.1	28	11	766	3.12	10	5	ND	11	406	3	2	2	32	4.00	.173	88	39	1.10	109	.07	5	1.55	.05	.26	1	3
FX 412344	1	31	22	58	.1	21	12	880	2.69	10	5	ND	10	340	1	2	3	32	4.43	.163	81	34	.93	99	.07	2	1.22	.04	.23	1	8
FX 412345	1	32	21	69	.1	22	15	788	3.13	35	5	ND	9	227	2	2	3	29	3.56	.167	78	35	1.18	38	.07	2	1.55	.04	.23	1	11
FX 412346	1	29	19	69	.1	21	11	723	2.87	15	5	ND	10	304	2	2	2	31	3.37	.178	87	36	1.08	90	.06	2	1.47	.05	.25	1	7
FX 412347	1	28	22	70	.1	22	14	611	3.26	52	5	ND	9	177	1	2	2	33	1.96	.177	85	40	1.09	31	.05	7	1.51	.05	.22	1	8
FX 412348	3	29	17	78	.1	29	16	486	3.54	212	5	ND	9	162	1	2	2	40	1.19	.184	85	40	1.09	33	.03	2	1.50	.05	.24	1	15
FX 412349	3	18	25	46	.1	23	15	186	3.60	519	5	ND	5	215	1	7	2	17	1.07	.143	65	17	.44	18	.01	2	.83	.06	.28	2	35
FX 412350	2	28	26	89	.1	35	18	478	4.31	217	5	ND	6	210	1	5	2	33	1.32	.212	78	45	1.27	29	.04	4	1.51	.06	.27	1	8
FX 412351	3	17	33	27	.1	20	12	119	2.63	437	5	ND	8	254	1	7	2	13	.72	.146	68	17	.25	19	.01	3	.77	.07	.34	2	21
FX 412352	2	30	33	73	.1	24	17	353	3.65	383	5	ND	10	295	2	7	2	24	.89	.241	93	21	.76	27	.01	5	1.30	.08	.37	1	15
FX 412353	5	32	23	76	.1	23	15	229	5.23	730	5	ND	6	208	1	19	3	23	.91	.153	65	21	.42	29	.01	2	.82	.06	.35	1	15
FX 412354	5	22	17	58	.1	30	24	268	4.06	341	5	ND	8	971	2	26	2	43	1.42	.315	78	28	.60	49	.01	2	1.13	.08	.46	1	5
FX 412355	32	24	26	106	.1	51	74	178	3.42	545	5	ND	9	272	3	38	2	37	1.20	.249	88	31	.54	26	.01	4	1.07	.08	.47	1	9
FX 412356	12	32	35	97	.3	37	28	69	5.05	715	5	ND	12	358	2	27	4	16	.75	.174	87	12	.16	28	.01	11	.76	.10	.39	1	18
FX 412357	7	32	40	102	.1	37	26	22	5.25	666	5	ND	16	386	1	29	3	13	.75	.250	99	12	.13	12	.01	5	.83	.13	.42	2	21
FX 412358	14	28	31	99	.1	30	22	113	3.87	442	5	ND	15	339	1	19	2	14	.64	.212	100	12	.42	19	.01	3	.96	.11	.37	1	18
FX 412359	37	25	34	83	.1	16	16	120	3.75	424	5	ND	11	301	2	12	2	13	.58	.195	81	10	.37	27	.01	3	.87	.09	.34	1	14
FX 412360	11	19	31	73	.1	15	13	209	3.55	218	5	ND	9	261	1	9	2	15	.64	.198	81	13	.63	14	.01	2	.98	.08	.32	1	7
FX 412361	1	16	28	73	.1	16	13	327	3.62	202	5	ND	9	186	1	9	2	22	.82	.184	76	23	.97	30	.08	3	1.26	.06	.31	1	14
FX 412362	1	22	22	85	.1	15	15	535	3.33	74	5	ND	9	231	2	4	2	35	.69	.184	87	40	1.88	32	.05	5	2.22	.08	.33	1	6
FX 412363	1	27	17	79	.1	16	12	542	3.77	80	5	ND	9	241	1	4	2	31	.64	.168	87	30	1.80	36	.05	4	2.12	.09	.35	1	3
FX 412364	1	17	24	50	.1	11	8	373	2.33	46	5	ND	6	174	1	4	2	23	.75	.149	74	26	1.20	29	.06	8	1.30	.06	.30	2	1
FX 412365	1	42	27	94	.1	20	15	502	3.71	369	5	ND	10	241	3	2	2	27	.99	.157	78	26	1.67	29	.02	7	1.91	.08	.35	1	8
FX 412366	1	22	21	67	.2	15	12	75	2.17	414	5	ND	9	140	1	8	2	10	.51	.137	67	11	.21	16	.01	2	.52	.05	.27	1	26
FX 412367	1	31	31	81	.1	20	15	533	3.87	322	5	ND	9	220	2	5	2	23	.98	.149	72	23	1.55	26	.01	10	1.75	.08	.31	1	10
FX 412368	1	19	24	63	.1	16	12	421	3.08	300	5	ND	7	188	2	5	2	23	1.11	.145	73	29	1.26	32	.01	4	1.32	.06	.30	1	6
FX 412369	1	33	34	75	.1	22	15	280	3.21	361	5	ND	10	242	2	7	3	19	.62	.170	81	18	.96	28	.01	4	1.21	.09	.35	1	24
STD C/AU-R	19	63	42	138	7.7	68	31	1031	4.08	43	23	7	38	49	19	15	24	61	.50	.097	40	56	.92	173	.07	38	1.79	.06	.13	12	535

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
FX 412370	1	51	24	47	.2	15	10	676	2.75	577	5	ND	7	184	1	3	2	9	2.08	.115	48	12	.18	5	.01	5	.50	.06	.25	1	35
FX 412371	1	32	14	54	.5	31	11	833	2.12	276	5	ND	9	208	1	3	2	10	2.37	.123	55	17	.25	9	.01	3	.59	.07	.26	1	40
FX 412372	2	19	16	46	.5	24	10	74	2.66	283	5	ND	7	144	1	3	2	6	.79	.098	41	17	.06	5	.01	2	.36	.05	.20	1	44
FX 412373	2	32	23	59	.3	17	11	30	2.34	283	5	ND	10	189	1	3	2	7	.61	.126	63	5	.10	9	.01	5	.48	.07	.26	1	41
FX 412374	6	28	18	77	.1	20	14	297	3.10	169	5	ND	9	120	1	2	3	30	.92	.173	86	34	.83	37	.01	5	1.04	.04	.25	1	13
FX 412375	1	16	26	78	.4	17	8	706	3.08	144	5	ND	7	194	2	2	2	30	2.85	.133	77	29	1.54	15	.01	3	1.71	.05	.25	1	22
FX 412376	77	18	38	66	3.0	12	10	568	2.90	316	5	ND	7	378	1	3	2	46	5.31	.105	52	31	1.29	67	.01	2	2.15	.03	.59	1	204
FX 412377	1	16	25	63	.1	16	8	449	2.16	113	5	ND	12	184	1	2	2	21	2.21	.112	73	21	1.12	181	.01	5	1.19	.05	.26	1	26
FX 412378	1	20	6	61	.1	18	8	467	2.10	5	5	ND	19	148	1	2	3	30	2.89	.104	77	26	.99	317	.05	2	.99	.05	.25	2	5
FX 412379	1	18	20	59	.1	14	9	354	2.32	34	5	ND	22	129	1	2	2	33	1.43	.114	81	25	.88	146	.05	2	1.02	.05	.31	1	7
FX 412380	1	16	21	59	.1	17	9	446	2.41	11	5	ND	19	139	1	2	2	35	2.39	.118	80	32	.84	159	.04	5	.97	.05	.25	1	7
FX 412381	1	26	21	90	.1	20	13	584	3.25	151	5	ND	7	185	2	2	2	29	2.82	.157	57	31	1.36	29	.01	4	1.68	.06	.28	1	12
FX 412382	2	31	27	82	.1	30	14	664	3.72	232	5	ND	6	105	2	2	2	51	3.12	.170	61	74	1.55	26	.01	3	1.64	.03	.12	1	28
FX 412383	2	22	15	42	.1	6	4	310	1.64	7	5	ND	3	121	1	2	2	20	1.25	.042	24	6	.39	58	.01	2	.55	.04	.14	2	2
FX 412384	1	24	19	35	.1	5	5	375	1.47	15	5	ND	3	144	1	2	2	17	2.12	.039	20	11	.29	474	.01	2	.47	.03	.15	1	1
FX 412385	1	22	20	36	.1	4	5	305	1.60	24	5	ND	3	109	1	2	2	18	1.65	.044	23	6	.27	202	.01	2	.47	.03	.15	2	1
FX 412386	1	22	19	34	.1	3	2	309	1.38	2	5	ND	2	102	1	2	2	18	1.59	.041	23	13	.28	201	.01	3	.44	.03	.13	2	1
FX 412387	1	19	17	35	.1	6	3	315	1.41	2	5	ND	3	107	1	2	2	18	1.31	.039	22	6	.27	63	.01	2	.47	.04	.15	1	4
FX 412388	1	20	15	36	.1	4	3	306	1.43	2	5	ND	3	92	1	2	2	18	1.73	.040	23	15	.27	39	.01	2	.50	.04	.17	2	6
FX 412389	1	20	19	35	.1	5	3	297	1.41	2	5	ND	3	99	1	2	2	18	1.59	.038	23	5	.26	70	.01	2	.46	.04	.15	1	1
FX 412390	1	19	11	34	.1	8	3	316	1.39	2	5	ND	3	100	1	2	2	18	1.59	.037	22	14	.26	31	.01	3	.48	.04	.16	1	25
FX 412391	1	20	16	36	.1	7	4	339	1.45	2	5	ND	3	94	1	2	2	19	1.99	.038	23	5	.26	34	.01	2	.46	.04	.14	2	1
FX 412392	1	20	4	35	.1	3	3	455	1.41	5	5	ND	3	92	1	2	2	18	2.59	.041	22	14	.29	38	.01	5	.49	.04	.16	1	1
FX 412393	1	19	9	35	.1	7	3	331	1.43	2	5	ND	3	88	1	2	2	18	1.65	.038	20	5	.27	33	.01	2	.46	.04	.15	1	5
FX 412394	1	18	9	34	.1	6	3	374	1.46	2	5	ND	3	95	1	2	2	18	2.33	.038	22	12	.26	37	.01	4	.46	.04	.16	1	5
FX 412395	1	19	13	36	.1	6	3	371	1.47	5	5	ND	3	78	1	2	2	18	1.97	.038	23	5	.26	33	.01	7	.47	.04	.16	2	4
FX 412396	1	21	6	37	.1	4	2	329	1.48	2	5	ND	3	78	1	2	2	18	1.65	.039	23	11	.24	33	.01	2	.46	.04	.16	1	2
FX 412397	1	20	12	36	.1	6	4	320	1.38	2	5	ND	4	89	1	3	2	17	1.74	.038	23	4	.23	142	.01	2	.47	.04	.17	1	3
FX 412398	1	19	9	38	.1	6	3	340	1.36	2	5	ND	3	78	1	2	2	17	2.20	.039	23	9	.23	59	.01	2	.44	.04	.15	1	9
FX 412399	1	19	15	36	.1	7	4	298	1.43	3	5	ND	3	65	1	2	2	18	1.43	.039	24	5	.24	58	.01	2	.45	.04	.16	1	1
FX 412400	1	16	13	35	.1	2	3	334	1.41	2	5	ND	3	67	1	2	2	18	1.68	.039	23	10	.24	72	.01	3	.44	.04	.15	1	1
FX 412401	1	19	19	40	.1	3	5	366	1.45	2	5	ND	3	88	1	2	2	18	2.15	.039	23	4	.25	98	.01	16	.44	.04	.16	1	2
FX 412402	1	20	12	37	.1	5	5	333	1.40	2	5	ND	3	96	1	2	2	18	1.98	.038	22	10	.25	51	.01	2	.44	.04	.15	2	1
FX 412403	1	19	9	41	.1	6	3	350	1.46	2	5	ND	3	78	1	2	2	18	1.39	.037	21	5	.26	211	.01	3	.44	.04	.14	2	1
FX 412404	1	20	14	37	.1	7	4	277	1.34	2	5	ND	3	53	1	2	2	19	1.49	.038	22	12	.24	46	.01	4	.44	.04	.14	2	6
FX 412405	1	17	10	40	.1	7	3	296	1.40	2	5	ND	3	55	1	2	3	19	1.69	.038	21	5	.26	31	.01	2	.42	.04	.14	1	1
STD C/AU-R	19	62	42	138	7.5	68	32	1023	4.10	42	20	7	38	49	19	15	22	61	.50	.092	39	55	.92	177	.06	39	1.80	.06	.14	12	530

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
FX 412405	1	13	5	37	.1	2	3	299	1.45	2	5	ND	2	54	1	10	2	17	1.57	.036	20	3	.27	28	.01	2	.39	.04	.12	1	2
FX 412407	1	22	2	43	.1	4	3	329	1.48	3	5	ND	3	62	1	12	2	14	1.66	.039	23	5	.34	25	.01	2	.46	.04	.13	1	1
FX 412408	2	22	5	42	.1	1	3	291	1.47	6	5	ND	2	55	1	5	2	14	1.46	.042	23	3	.38	31	.01	2	.48	.04	.14	1	1
FX 412409	2	23	13	52	.1	3	4	301	1.31	2	5	ND	2	85	1	2	2	9	2.13	.037	21	7	.44	17	.01	2	.50	.04	.15	1	1
FX 412410	1	31	22	78	.1	24	14	470	3.06	96	5	ND	9	100	1	3	3	27	1.72	.175	83	30	1.20	31	.01	3	1.48	.06	.32	1	9
FX 412411	1	33	8	87	.1	31	13	761	3.43	11	5	ND	11	95	2	2	2	49	4.20	.166	89	77	2.03	32	.01	3	2.02	.05	.04	1	1
FX 412412	1	28	15	83	.3	26	11	596	3.18	164	5	ND	9	134	1	6	2	28	3.39	.163	87	28	1.30	29	.01	7	1.37	.06	.25	1	18
FX 412413	4	27	28	61	1.2	31	15	497	3.27	434	5	ND	8	91	2	18	2	39	3.88	.152	70	52	.94	25	.01	2	1.13	.03	.17	2	59
FX 412414	1	35	19	96	.2	105	19	817	4.11	106	5	ND	7	151	2	4	2	49	2.97	.138	68	138	2.00	75	.01	2	2.32	.10	.36	1	23
FX 412415	8	48	27	90	.1	75	18	585	3.52	18	5	ND	21	158	2	2	3	50	1.41	.164	117	58	1.90	90	.01	4	2.72	.03	.22	1	10
FX 412416	1	17	16	72	.1	7	12	638	3.36	6	5	ND	2	442	3	3	2	62	2.62	.065	7	23	1.55	10	.08	2	3.16	.05	.03	1	1
FX 412417	1	20	12	85	.1	8	16	725	4.61	3	5	ND	1	141	3	2	2	95	2.32	.063	4	14	1.87	9	.12	2	2.83	.07	.04	1	1
FX 412418	4	34	9	71	.1	8	14	615	4.03	5	5	ND	1	87	2	2	2	93	2.11	.070	5	16	1.73	11	.16	2	2.32	.07	.06	3	1
FX 412419	2	29	6	74	.1	5	15	605	4.01	7	5	ND	1	114	3	2	2	96	2.13	.065	4	13	1.59	7	.17	2	2.54	.06	.05	2	1
FX 412420	1	17	10	46	.1	7	9	422	2.64	6	5	ND	1	59	2	2	2	71	1.69	.036	3	30	1.01	9	.15	2	1.69	.04	.03	1	1
FX 412421	3	37	8	73	.1	1	15	601	4.04	8	5	ND	1	65	2	2	2	97	1.91	.072	5	14	1.67	7	.19	2	2.29	.06	.05	1	2
FX 412422	2	23	2	67	.1	8	8	555	2.72	7	5	ND	2	33	2	2	2	61	1.45	.041	4	11	1.27	12	.17	4	1.96	.05	.03	2	1
FX 412423	2	22	6	48	.1	9	7	378	2.07	8	5	ND	1	67	2	2	2	55	1.49	.028	4	11	.94	6	.15	2	1.59	.03	.03	1	1
FX 412424	1	107	8	60	.2	11	13	514	3.30	3	5	ND	1	39	2	2	2	78	1.41	.057	4	36	1.53	8	.19	2	1.77	.05	.05	3	1
STD C/AU-R	19	62	43	138	7.6	68	31	1033	4.04	43	21	8	38	49	18	15	16	61	.50	.094	40	56	.92	177	.07	33	1.81	.06	.13	12	525

ME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX (604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD, B.C.
BH 72478
FX 412425 - 412629

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 12 1989 DATE REPORT MAILED: April 17/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY File # 89-0778 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
FX 412425	9	37	3	62	.1	7	3	394	1.44	27	5	ND	6	37	1	2	2	29	.26	.041	15	6	.25	125	.09	2	.46	.08	.27	1	11
FX 412426	5	20	34	47	1.1	16	9	420	2.14	42	11	ND	13	67	1	2	2	22	.33	.095	78	20	.57	35	.01	8	.71	.01	.22	1	41
FX 412427	13	19	16	53	1.4	20	8	302	2.69	55	5	ND	13	92	1	2	2	24	.33	.102	85	21	.31	29	.02	3	.55	.01	.25	1	64
FX 412428	15	18	11	71	.2	13	8	235	2.58	46	5	ND	10	95	1	2	2	29	.28	.106	62	17	.23	26	.02	2	.49	.01	.23	1	72
FX 412429	11	24	5	26	.5	10	3	179	1.37	33	5	ND	11	80	1	2	3	22	.34	.068	70	14	.10	30	.01	7	.33	.01	.24	2	43
FX 412430	11	16	19	52	1.8	24	10	234	2.30	216	7	ND	11	99	1	2	2	31	.29	.107	64	23	.35	27	.01	2	.60	.01	.24	1	35
FX 412431	9	14	3	11	2.8	14	3	137	.93	25	5	ND	2	76	1	2	2	19	.24	.081	66	22	.06	17	.01	2	.26	.01	.20	1	73
FX 412432	12	43	14	77	1.8	48	21	381	3.27	178	5	ND	5	123	1	2	2	52	.45	.193	62	61	.40	18	.02	2	.77	.01	.28	2	48
FX 412433	3	33	11	80	.1	65	23	797	3.94	35	5	ND	8	141	1	2	2	56	.50	.186	78	102	1.33	22	.02	2	1.52	.01	.20	1	9
FX 412434	2	17	13	41	1.4	15	8	258	2.01	31	12	ND	10	153	1	2	2	25	.33	.080	60	17	.33	24	.01	2	.57	.01	.25	3	64
FX 412435	1	17	29	68	.3	16	9	462	2.15	19	5	ND	9	123	1	2	3	27	.33	.101	80	28	.89	33	.01	2	.98	.02	.23	1	44
FX 412436	1	18	20	78	.1	18	11	498	2.50	18	5	ND	7	190	1	2	2	24	.35	.106	89	22	1.09	23	.01	2	1.26	.03	.25	1	37
FX 412437	1	13	11	46	.2	12	6	519	1.71	7	5	ND	5	175	1	2	2	18	1.65	.073	60	17	.77	17	.01	5	.85	.02	.18	1	32
FX 412438	1	12	21	54	.2	12	7	476	1.73	9	5	ND	7	188	1	2	2	21	2.07	.089	75	18	.85	27	.01	2	.94	.02	.25	1	25
FX 412439	1	13	22	63	.5	13	10	444	1.98	10	6	ND	10	205	1	2	2	24	1.60	.102	86	18	1.00	27	.01	2	1.09	.03	.28	1	9
FX 412440	1	12	18	60	.2	13	8	526	1.77	10	5	ND	9	213	1	2	2	21	2.69	.093	78	16	.88	23	.01	2	.99	.03	.26	1	13
FX 412441	2	15	25	52	.2	14	8	424	1.89	18	5	ND	7	148	1	2	2	23	.79	.079	71	25	.84	35	.02	2	.93	.02	.21	1	14
FX 412442	2	16	34	47	.4	13	7	332	1.76	20	5	ND	7	135	1	2	2	19	.96	.075	63	20	.51	36	.01	2	.67	.02	.21	1	24
FX 412443	1	17	23	57	.1	12	8	467	1.87	13	5	ND	8	184	1	2	2	16	2.13	.077	73	16	.91	21	.01	2	1.02	.03	.21	1	23
FX 412444	1	18	13	46	.7	14	7	502	1.56	8	11	ND	9	162	1	2	2	15	2.78	.065	68	15	.80	20	.01	2	.93	.02	.22	1	23
FX 412445	1	13	26	70	.7	17	9	399	2.14	15	5	ND	7	152	1	2	2	20	1.04	.086	76	20	1.07	24	.02	2	1.23	.02	.22	1	14
FX 412446	1	19	15	52	.6	14	7	428	1.92	10	5	ND	8	194	1	2	2	22	1.65	.088	72	21	1.00	27	.02	7	1.14	.02	.24	1	19
FX 412447	1	12	22	52	.9	13	6	327	1.90	13	8	ND	9	120	1	2	2	20	.45	.074	62	18	1.03	28	.02	2	1.06	.02	.20	1	25
FX 412448	1	12	15	56	.3	13	8	392	1.98	6	5	ND	8	158	1	2	2	21	1.48	.083	69	16	1.08	28	.03	2	1.20	.03	.22	1	33
FX 412449	2	17	36	46	.4	16	8	400	1.83	8	5	ND	9	146	1	2	2	19	1.72	.090	70	22	.83	32	.05	4	.96	.02	.21	1	37
FX 412450	1	17	21	59	.8	14	9	253	2.13	11	5	ND	11	113	1	2	2	21	.32	.090	76	20	.71	37	.05	2	.87	.02	.23	1	50
FX 412451	1	20	24	78	1.2	17	10	396	2.60	12	5	ND	12	136	1	2	2	29	.43	.098	82	22	1.30	31	.11	2	1.50	.03	.24	1	25
FX 412452	1	19	23	46	1.2	14	7	348	1.89	9	5	ND	10	133	1	2	2	20	1.68	.084	65	22	.64	41	.11	2	.85	.03	.21	1	27
FX 412453	1	16	30	52	.9	13	8	345	2.05	12	5	ND	9	130	1	2	2	25	1.00	.099	69	22	.78	31	.13	4	.96	.03	.21	1	30
FX 412454	1	21	21	47	.2	16	9	391	2.00	10	5	ND	9	163	1	2	2	24	2.84	.084	67	21	.59	52	.11	3	.81	.03	.19	1	40
FX 412455	1	23	18	56	.1	17	9	478	2.31	24	5	ND	8	212	1	2	2	30	2.35	.093	61	22	1.07	43	.06	11	1.14	.03	.19	1	25
FX 412456	1	47	17	75	.8	45	16	684	3.72	15	11	ND	6	196	1	2	2	45	1.86	.169	68	41	1.99	29	.10	2	2.10	.04	.13	1	27
FX 412457	1	29	17	62	.4	24	14	742	3.08	11	5	ND	5	303	1	2	2	42	3.86	.152	76	32	1.39	33	.10	2	1.56	.03	.21	1	125
FX 412458	1	27	26	55	.3	24	13	592	3.05	10	5	ND	3	208	1	2	3	39	3.42	.147	72	30	1.15	34	.11	3	1.29	.03	.20	1	97
FX 412459	1	21	7	39	.3	14	6	1334	1.66	9	5	ND	1	963	1	2	2	22	20.98	.087	52	16	.91	17	.01	2	.95	.02	.11	2	52
FX 412460	1	34	16	64	.8	28	14	638	3.20	19	15	ND	7	234	1	5	3	44	3.22	.155	78	32	1.73	28	.08	2	1.82	.03	.18	1	78
STD C/AU-R	19	62	41	132	7.2	70	31	1040	3.90	42	23	8	40	52	19	15	18	61	.45	.091	42	54	.85	179	.07	35	1.72	.06	.13	13	520

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
FX 412461	1	26	9	48	.3	18	9	818	2.03	135	5	ND	1	533	1	2	2	24	9.03	.104	56	20	.98	23	.01	2	1.07	.03	.15	1	38
FX 412462	1	42	14	79	.8	47	15	483	4.18	186	5	ND	4	137	1	2	2	48	.57	.164	82	44	1.75	35	.05	2	2.01	.03	.18	1	21
FX 412463	2	30	20	80	1.1	23	14	574	3.93	213	5	ND	5	225	1	2	4	52	1.83	.166	83	37	1.47	29	.07	10	1.81	.03	.14	1	55
FX 412464	1	35	18	89	.9	25	15	599	4.98	295	5	ND	4	146	1	2	2	60	.70	.178	94	42	1.66	32	.08	4	2.19	.04	.16	1	21
FX 412465	2	28	20	66	.7	26	15	484	3.73	344	5	ND	3	156	1	2	2	49	1.36	.156	72	37	1.13	33	.06	2	1.46	.03	.16	1	48
FX 412466	1	29	12	67	.5	25	13	612	3.41	124	5	ND	4	246	1	2	2	47	2.74	.166	74	38	1.10	39	.06	5	1.44	.03	.18	1	32
FX 412467	1	29	18	62	.6	23	12	550	3.35	150	5	ND	7	221	1	2	2	43	2.24	.162	71	34	1.08	41	.04	2	1.38	.03	.18	1	63
FX 412468	19	29	14	60	1.0	21	12	472	3.18	192	5	ND	6	190	1	2	2	45	2.00	.152	73	34	.93	40	.03	2	1.16	.03	.18	1	51
FX 412469	1	32	13	64	.3	21	12	654	3.17	53	5	ND	3	285	1	2	2	43	3.72	.148	64	36	1.06	34	.04	2	1.33	.03	.17	1	40
FX 412470	2	25	12	53	.1	20	11	693	2.95	37	5	ND	5	404	1	2	2	37	4.94	.139	65	32	.89	29	.03	3	1.14	.03	.16	1	15
FX 412471	1	27	12	55	.1	20	12	841	3.21	38	5	ND	6	391	1	2	2	57	5.16	.156	70	43	.94	66	.03	2	1.19	.04	.21	1	7
FX 412472	1	36	14	71	.1	22	12	727	3.82	12	5	ND	10	235	1	2	2	66	3.20	.171	74	45	1.18	110	.04	8	1.51	.04	.24	1	4
FX 412473	133	34	27	40	3.9	24	14	246	1.89	567	5	ND	8	191	1	6	2	29	1.47	.166	76	23	.38	33	.03	2	.76	.04	.23	1	291
FX 412474	2	27	18	61	.3	24	14	583	3.52	239	5	ND	6	230	1	3	2	48	2.77	.160	81	37	.99	54	.07	6	1.34	.04	.19	1	42
FX 412475	1	30	11	64	.1	26	15	672	3.68	2	5	ND	7	207	1	2	2	81	3.07	.159	72	47	1.58	61	.13	2	1.57	.04	.11	1	4
FX 412476	2	30	9	64	.1	26	14	676	3.56	15	5	ND	7	248	1	3	2	71	3.20	.167	74	42	1.53	31	.07	2	1.56	.04	.12	1	4
FX 412477	1	34	14	62	.1	25	15	598	3.75	13	5	ND	8	172	1	2	2	83	2.62	.163	67	47	1.46	40	.17	2	1.48	.04	.10	1	4
FX 412478	11	33	22	64	1.5	28	16	330	2.66	603	5	ND	5	157	1	6	2	42	1.07	.195	86	30	.65	40	.21	7	1.08	.04	.23	2	31
FX 412479	1	35	10	66	.1	26	13	687	3.86	9	5	ND	7	170	1	2	2	79	2.56	.164	66	45	1.15	45	.14	2	1.44	.04	.11	1	6
FX 412480	43	27	26	56	2.3	26	15	496	2.20	386	5	ND	4	529	1	2	3	37	3.84	.175	70	25	.56	35	.09	2	.90	.03	.21	1	61
FX 412481	25	23	27	41	2.6	22	13	820	1.65	197	5	ND	4	913	1	3	2	24	10.61	.136	51	18	.40	30	.05	2	.65	.03	.18	1	84
FX 412482	1	32	11	70	.1	26	15	656	3.95	17	5	ND	7	199	1	3	4	83	2.96	.170	66	47	1.43	58	.19	5	1.61	.05	.13	1	7
FX 412483	1	33	11	66	.1	28	14	620	3.77	4	5	ND	6	179	1	2	2	87	2.93	.166	64	51	1.39	70	.16	2	1.45	.05	.13	1	5
FX 412484	5	33	24	70	.9	28	16	424	3.20	324	5	ND	5	151	1	3	2	53	1.29	.178	79	38	.91	30	.23	3	1.36	.04	.20	1	36
FX 412485	1	33	9	62	.1	28	14	609	3.79	3	5	ND	6	189	1	2	2	81	2.94	.165	67	49	1.26	85	.08	2	1.37	.05	.14	1	17
FX 412486	1	28	17	55	.3	21	12	776	3.27	8	5	ND	7	351	1	2	2	53	4.44	.148	70	41	.86	40	.19	2	1.14	.03	.19	1	10
FX 412487	1	29	17	62	.1	24	13	699	3.69	5	5	ND	5	222	1	2	3	52	3.26	.163	73	40	1.03	39	.17	2	1.41	.04	.21	1	13
FX 412488	1	20	23	74	.7	23	14	522	4.23	362	5	ND	3	168	1	2	4	54	1.67	.163	77	38	1.12	22	.19	2	1.58	.03	.16	1	204
FX 412489	1	35	22	89	1.7	29	16	325	3.62	638	5	ND	5	146	1	3	2	43	.96	.180	75	34	.62	22	.13	6	1.14	.04	.19	1	77
FX 412490	225	27	27	66	5.7	23	12	229	1.79	524	5	ND	4	143	1	3	2	23	1.81	.137	63	20	.31	17	.07	2	.54	.03	.19	1	130
FX 412491	3	38	23	78	1.1	30	17	208	3.00	634	5	ND	4	131	1	2	3	35	.78	.191	80	31	.52	23	.11	3	.89	.04	.23	1	53
FX 412492	28	37	101	62	1.5	28	13	239	2.30	584	5	ND	2	132	1	2	2	28	.95	.141	61	23	.45	18	.11	2	.73	.03	.17	1	61
FX 412493	1	36	30	123	.8	26	16	760	6.46	326	6	ND	6	142	1	2	5	78	1.23	.180	79	49	1.85	21	.17	9	2.73	.04	.15	1	80
FX 412494	147	25	47	37	3.4	26	14	184	1.39	610	5	ND	3	131	1	6	4	21	1.57	.125	58	17	.19	18	.13	2	.44	.03	.21	2	122
FX 412495	3	39	23	94	.5	30	17	276	3.09	563	5	ND	4	117	1	2	4	48	1.01	.205	92	33	.77	21	.24	7	1.14	.04	.20	1	72
FX 412496	49	30	37	57	1.4	26	14	336	2.27	627	5	ND	1	146	1	3	4	31	1.67	.143	64	23	.51	22	.17	3	.74	.03	.16	1	85
STD C/AU-R	19	62	40	132	6.9	68	30	1026	2.93	43	17	7	38	52	18	14	23	61	.45	.091	41	55	.66	179	.07	38	1.74	.06	.14	11	490

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
FX 412497	1	34	25	82	.4	29	16	770	3.97	233	5	ND	5	189	1	2	4	52	2.01	.184	81	37	1.24	33	.21	4	1.74	.04	.21	1	14
FX 412498	2	36	16	77	.5	27	14	690	3.85	306	5	ND	6	171	1	3	2	49	2.06	.171	72	36	1.08	32	.19	4	1.49	.04	.21	1	15
FX 412499	1	32	12	68	.2	25	15	555	3.34	247	5	ND	4	170	1	2	2	41	1.95	.159	64	33	.96	28	.14	2	1.30	.04	.19	1	26
FX 412500	7	29	18	61	.3	26	12	501	2.70	427	5	ND	4	163	1	2	4	33	2.33	.149	64	28	.76	23	.13	3	.99	.03	.19	1	60
FX 412501	1	34	16	65	.1	26	14	612	3.40	125	5	ND	6	158	1	2	2	43	1.70	.167	73	34	.97	27	.17	2	1.35	.04	.21	1	19
FX 412502	6	35	18	69	.9	31	16	569	3.73	390	5	ND	8	141	1	5	2	43	1.51	.160	75	36	.99	34	.10	4	1.39	.03	.22	1	47
FX 412503	1	37	13	105	.5	30	17	570	5.00	437	5	ND	6	124	1	2	2	58	.80	.177	80	39	1.32	25	.10	6	1.93	.04	.18	1	35
FX 412504	116	31	21	56	2.4	29	15	322	2.84	475	5	ND	4	118	1	2	2	32	.89	.147	69	24	.60	19	.13	3	.86	.03	.17	1	54
FX 412505	1	32	16	76	.1	24	15	586	4.15	171	5	ND	5	155	1	2	2	54	1.46	.177	77	39	1.21	22	.14	2	1.64	.04	.16	1	13
FX 412506	2	29	13	57	.1	25	13	777	3.42	10	5	ND	9	235	1	2	2	57	3.27	.162	67	39	.96	45	.11	4	1.15	.05	.21	1	8
FX 412507	1	32	9	58	.1	28	14	763	3.34	4	5	ND	11	243	1	2	2	66	3.47	.164	68	42	1.16	65	.09	3	1.18	.05	.19	1	1
FX 412508	1	32	11	53	.1	23	12	721	3.06	4	5	ND	7	276	1	2	11	56	4.53	.151	59	41	1.15	45	.09	2	1.16	.05	.17	1	2
FX 412509	1	31	10	72	.1	29	13	618	3.39	2	5	ND	4	206	1	2	2	58	2.93	.166	76	43	1.91	36	.18	2	1.99	.05	.16	1	2
FX 412510	1	29	18	68	.1	27	14	495	3.13	11	5	ND	4	189	1	2	2	33	1.18	.166	82	29	1.90	22	.01	2	1.84	.06	.15	1	5
FX 412511	1	29	19	71	.1	27	14	572	3.20	6	5	ND	5	226	1	2	2	38	2.00	.166	80	31	2.06	21	.04	3	2.02	.06	.16	1	3
FX 412512	1	26	29	70	.1	26	15	541	3.30	11	5	ND	4	192	1	2	2	39	1.74	.166	75	30	1.86	24	.05	3	1.94	.05	.18	1	2
FX 412513	1	26	18	68	.1	24	13	610	3.16	4	5	ND	4	201	1	2	2	49	3.25	.159	76	31	1.79	24	.16	2	1.87	.05	.16	1	7
FX 412514	1	29	22	77	.1	28	16	615	3.72	2	5	ND	6	172	1	2	2	56	2.28	.172	79	34	2.12	22	.15	2	2.17	.05	.16	1	1
FX 412515	1	26	15	63	.1	25	13	559	3.03	4	5	ND	6	187	1	3	2	48	3.07	.159	80	32	1.60	33	.11	2	1.58	.04	.13	1	1
FX 412516	1	33	20	66	.1	25	13	575	3.18	5	5	ND	5	203	1	2	2	52	2.96	.158	82	34	1.75	37	.14	2	1.76	.04	.13	1	3
FX 412517	1	26	15	70	.1	26	14	666	3.32	2	5	ND	5	240	1	2	2	52	3.51	.167	82	32	1.92	41	.14	2	1.97	.05	.13	1	1
FX 412518	1	28	17	66	.1	26	13	539	3.10	7	5	ND	6	259	1	2	11	48	2.69	.166	85	31	1.67	73	.14	3	1.72	.05	.14	1	1
FX 412519	1	33	18	58	.1	22	12	596	2.81	5	5	ND	5	376	1	2	5	43	5.87	.145	74	29	1.54	59	.16	2	1.59	.04	.13	1	3
FX 412520	1	27	12	65	.1	26	13	519	3.11	4	5	ND	3	189	1	2	2	46	2.45	.153	69	32	1.81	45	.12	3	1.77	.05	.12	1	7
FX 412521	1	33	13	65	.1	24	12	615	3.00	3	5	ND	5	281	1	2	2	43	3.62	.156	80	30	1.83	46	.06	2	1.85	.05	.14	1	4
FX 412522	1	27	15	67	.1	25	13	460	3.10	4	5	ND	5	213	1	2	2	38	1.80	.154	80	29	1.76	24	.01	3	1.71	.04	.14	1	12
FX 412523	1	16	12	31	2.3	15	8	436	1.26	122	73	3	14	1119	1	14	2	17	9.51	.076	34	20	.63	14	.01	5	.56	.02	.10	5	280
FX 412524	1	2	2	2	.1	1	1	663	.10	2	5	ND	1	2106	1	2	2	1	34.62	.004	3	1	.08	24	.01	2	.05	.01	.02	1	5
FX 412525	1	1	2	3	.1	3	1	573	.14	4	5	ND	1	1266	1	2	2	1	18.58	.004	4	8	.05	59	.01	2	.05	.01	.02	1	230
FX 412526	1	24	17	63	1.1	24	13	415	2.76	330	5	ND	5	294	1	3	2	32	3.14	.146	65	26	1.39	15	.01	2	1.37	.04	.17	1	31
FX 412527	1	30	13	69	1.2	26	13	443	3.25	172	5	ND	7	210	1	4	2	39	2.09	.157	74	32	1.62	20	.01	4	1.55	.04	.16	1	160
FX 412528	1	28	16	62	1.1	24	14	281	2.93	157	5	ND	5	156	1	2	2	35	1.07	.162	81	28	1.23	62	.01	3	1.25	.04	.17	1	83
FX 412529	6	16	12	33	.9	11	6	808	2.06	129	5	ND	2	456	1	2	2	26	9.97	.062	31	22	1.06	12	.01	2	.55	.03	.07	1	350
FX 412530	5	79	28	12	23.9	11	4	374	.79	57	5	51	2	472	1	2	2	7	9.20	.046	22	7	.18	130	.01	2	.24	.02	.10	1	13620
FX 412531	6	22	16	37	2.5	16	8	436	1.52	174	5	ND	6	334	1	2	2	17	6.27	.085	36	23	.61	15	.01	2	.58	.02	.11	2	350
FX 412532	1	30	17	61	1.2	24	12	531	2.74	159	5	ND	4	233	1	3	2	34	3.47	.144	61	23	1.34	20	.01	6	1.28	.04	.15	1	210
STD C/AU-R	19	62	38	132	7.2	70	31	1025	3.74	41	23	8	40	52	19	16	21	61	.44	.091	41	53	.85	180	.07	40	1.69	.06	.13	12	495

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
FX 412533	1	45	18	71	.3	26	15	570	3.48	7	5	ND	2	253	1	2	5	40	3.19	.156	72	30	1.94	26	.10	2	2.00	.05	.17	1	12
FX 412534	1	34	21	78	.1	24	15	594	3.76	6	5	ND	1	277	1	2	3	42	2.86	.171	88	29	2.13	24	.03	2	2.24	.06	.18	1	14
FX 412535	1	30	19	68	.1	27	14	647	3.20	3	5	ND	3	287	1	2	5	40	3.77	.153	73	30	1.86	28	.02	2	1.90	.05	.14	1	6
FX 412536	1	34	20	76	.3	28	15	598	3.61	4	5	ND	5	323	1	2	2	49	2.86	.165	83	38	2.02	17	.01	3	2.00	.05	.15	1	8
FX 412537	1	25	19	62	.1	19	12	542	3.06	6	5	ND	2	422	1	2	2	41	4.07	.142	72	26	1.50	27	.02	2	1.47	.04	.13	1	27
FX 412538	1	33	19	76	.1	23	14	524	3.74	5	5	ND	2	161	1	2	3	56	1.91	.162	84	34	1.90	25	.09	2	1.88	.04	.12	1	13
FX 412539	1	27	21	74	.2	23	14	661	3.57	8	5	ND	4	264	1	2	4	57	4.18	.169	85	35	1.81	29	.10	4	1.86	.04	.12	1	10
FX 412540	1	36	21	83	.2	27	15	655	4.02	5	5	ND	5	223	1	2	2	68	2.87	.176	96	39	1.99	23	.09	2	2.08	.04	.12	1	8
FX 412541	1	15	12	44	.2	14	8	971	1.92	4	5	ND	1	752	1	2	5	34	17.29	.091	46	17	1.01	35	.04	2	1.03	.02	.11	7	5
FX 412542	1	29	11	80	.1	24	14	577	3.86	3	5	ND	2	485	1	2	2	59	1.96	.172	86	32	2.14	19	.06	3	2.13	.04	.12	1	7
FX 412543	1	25	21	62	.4	20	12	581	3.03	5	5	ND	5	283	1	3	3	47	4.68	.142	72	31	1.53	20	.10	2	1.49	.03	.12	1	4
FX 412544	1	34	19	76	.1	27	15	618	3.82	3	5	ND	4	196	1	3	2	69	2.60	.172	89	39	1.75	21	.12	2	1.81	.03	.10	1	4
FX 412545	1	31	15	56	.1	19	11	758	2.69	2	5	ND	1	419	1	2	4	43	8.25	.128	64	30	1.26	141	.08	2	1.31	.03	.11	1	11
FX 412546	1	45	21	74	.1	38	16	690	3.78	4	5	ND	3	414	1	2	3	60	4.31	.161	78	57	1.93	27	.08	3	2.11	.04	.15	1	6
FX 412547	1	34	20	73	.1	43	16	603	3.79	3	5	ND	3	205	1	2	2	56	2.87	.160	82	48	1.86	46	.06	2	2.02	.03	.13	1	10
FX 412548	1	31	22	67	.4	28	14	587	3.44	3	5	ND	4	268	1	2	2	59	4.41	.153	74	38	1.56	49	.09	4	1.64	.03	.11	1	16
FX 412549	1	35	21	76	.1	32	15	586	3.86	5	5	ND	4	184	1	2	2	67	2.57	.167	85	43	1.86	29	.12	2	1.98	.03	.13	1	55
FX 412550	1	27	21	68	.1	25	13	693	3.37	3	5	ND	3	315	1	2	4	61	4.35	.151	80	35	1.59	26	.07	2	1.71	.03	.12	1	7
FX 412551	1	32	16	76	.1	25	14	557	3.81	2	5	ND	4	182	1	2	2	67	2.08	.170	84	40	1.85	24	.05	3	2.00	.04	.12	1	6
FX 412552	1	29	17	57	.4	21	11	718	2.83	5	5	ND	5	441	1	3	4	55	6.79	.134	70	33	1.26	114	.04	2	1.31	.03	.10	1	5
FX 412553	1	34	17	73	.1	26	14	589	3.83	4	5	ND	3	602	1	2	2	67	3.16	.157	89	41	1.79	36	.01	5	1.91	.04	.12	1	9
FX 412554	1	21	13	53	.2	21	12	553	2.61	6	5	ND	2	494	1	2	4	45	7.64	.121	61	29	1.25	39	.02	4	1.17	.03	.10	1	11
FX 412555	1	36	20	74	.1	28	15	620	3.83	4	5	ND	3	219	1	2	3	70	3.27	.165	86	44	1.85	26	.07	6	1.96	.04	.11	1	7
FX 412556	1	36	15	75	.3	31	14	623	3.73	8	5	ND	5	213	1	2	3	69	3.54	.152	77	47	2.00	28	.04	4	1.97	.04	.11	1	10
FX 412557	1	16	16	49	.6	16	9	620	2.22	9	5	ND	4	631	1	4	3	44	12.44	.091	47	27	1.22	27	.02	2	1.08	.03	.09	1	22
FX 412558	1	26	16	67	.4	25	13	508	3.41	6	5	ND	4	194	1	2	5	65	2.53	.146	70	42	1.75	45	.02	4	1.71	.04	.14	1	10
FX 412559	1	20	18	57	.5	18	10	561	2.73	5	5	ND	3	384	1	2	2	54	7.04	.125	60	37	1.38	31	.02	7	1.38	.04	.11	1	6
FX 412560	1	23	19	58	.3	22	12	422	2.99	3	5	ND	2	187	1	2	2	55	2.53	.132	60	37	1.34	50	.05	2	1.36	.04	.13	1	12
FX 412561	1	28	15	52	.5	19	11	570	2.58	4	5	ND	3	389	1	2	2	48	6.56	.109	61	32	1.17	22	.01	2	1.14	.03	.10	1	12
FX 412562	1	38	16	74	.2	29	15	579	3.77	4	5	ND	4	239	1	2	3	73	2.80	.165	88	45	1.85	32	.02	2	2.00	.03	.11	1	3
FX 412563	1	34	10	63	.1	22	13	669	3.16	2	5	ND	2	464	1	2	2	62	8.84	.146	75	37	1.57	23	.01	5	1.67	.04	.08	1	2
FX 412564	1	36	17	76	.1	28	16	655	4.03	2	5	ND	4	223	1	2	2	76	3.24	.173	89	45	1.93	31	.02	3	2.06	.03	.10	1	2
FX 412565	1	35	18	75	.2	26	16	560	3.84	6	5	ND	4	135	1	2	3	71	2.11	.165	92	44	1.86	33	.01	6	1.98	.03	.12	1	1
FX 412566	1	34	15	76	.1	27	15	632	3.72	4	5	ND	4	183	1	2	2	49	2.77	.167	90	38	2.20	28	.01	6	2.17	.04	.14	1	3
FX 412567	1	25	20	60	.1	19	11	492	2.78	2	5	ND	1	173	1	2	2	34	2.50	.137	78	27	1.75	19	.01	3	1.70	.04	.15	1	3
FX 412568	1	31	19	68	.2	24	13	588	3.13	6	5	ND	2	284	1	2	2	33	3.53	.150	74	27	1.74	20	.01	3	1.86	.05	.18	1	16
STD C/AU-R	19	63	38	132	7.2	70	31	1034	3.88	43	20	7	38	51	19	14	18	61	.45	.089	40	53	.87	179	.07	40	1.74	.06	.13	12	490

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
FX 412569	2	21	20	50	.7	20	9	497	2.09	153	5	ND	3	466	1	2	2	24	7.19	.104	59	25	.98	21	.01	2	.95	.03	.14	1	51
FX 412570	1	29	20	72	.4	25	15	434	3.05	151	5	ND	3	183	1	2	2	35	2.23	.152	80	35	1.43	23	.01	2	1.50	.04	.17	1	34
FX 412571	1	34	13	68	.1	25	14	632	3.39	3	5	ND	5	199	1	2	2	49	3.19	.154	83	39	1.72	31	.02	2	1.81	.05	.18	1	1
FX 412572	1	35	15	72	.1	26	14	658	3.44	3	5	ND	6	199	1	2	2	47	3.12	.162	98	39	1.80	35	.02	2	1.93	.04	.16	1	3
FX 412573	1	38	10	70	.1	25	14	618	3.60	4	5	ND	6	203	1	2	2	63	2.94	.164	90	43	1.68	48	.02	2	1.74	.04	.17	1	3
FX 412574	1	35	13	77	.1	28	16	587	3.92	35	5	ND	5	129	1	2	2	42	1.57	.167	89	41	1.59	18	.01	2	1.81	.04	.17	1	20
FX 412575	6	27	22	53	1.3	25	14	377	2.51	488	5	ND	5	220	1	5	2	26	3.25	.128	64	25	.84	24	.01	2	.85	.02	.14	1	190
FX 412576	1	34	11	68	.1	26	14	696	3.38	5	5	ND	7	224	1	2	2	44	3.70	.154	82	34	1.29	26	.01	3	1.47	.04	.15	1	19
FX 412577	1	28	14	58	.1	23	12	602	2.91	2	5	ND	5	216	1	2	2	47	3.23	.141	82	35	.95	38	.01	2	1.12	.03	.15	1	17
FX 412578	1	33	18	71	.1	24	15	477	3.54	201	5	ND	4	137	1	2	2	47	1.66	.160	89	39	1.49	19	.01	2	1.65	.03	.15	1	42
FX 412579	2	26	22	55	.4	23	14	542	3.00	263	5	ND	5	235	1	2	4	30	3.53	.130	68	30	.98	60	.01	2	.97	.02	.12	1	61
FX 412580	1	36	16	70	.1	25	16	652	3.63	6	5	ND	9	199	1	2	2	54	3.19	.165	85	43	1.15	40	.02	5	1.40	.04	.19	1	7
FX 412581	1	37	17	67	.1	28	13	513	3.37	8	5	ND	5	135	1	2	2	33	1.88	.151	81	38	1.41	27	.01	4	1.51	.03	.14	1	45
FX 412582	1	62	10	55	.1	19	11	798	2.68	8	5	ND	4	416	1	2	2	28	6.99	.136	74	29	1.24	51	.01	6	1.50	.03	.17	1	11
FX 412583	1	35	11	71	.1	24	12	653	3.28	5	5	ND	6	203	1	2	2	42	3.34	.157	92	35	1.32	29	.01	2	1.64	.04	.18	1	3
FX 412584	1	31	12	72	.3	25	15	595	3.58	27	5	ND	12	178	1	2	8	57	2.68	.168	89	41	1.08	36	.01	2	1.37	.04	.18	1	30
FX 412585	1	31	18	53	.1	22	10	682	2.50	20	5	ND	5	498	1	2	2	26	7.65	.136	69	30	.94	16	.01	2	1.13	.03	.15	1	26
FX 412586	1	30	12	68	.1	25	13	659	3.39	6	5	ND	5	142	1	2	2	35	2.47	.154	85	39	1.47	34	.01	2	1.76	.03	.15	1	4
FX 412587	1	24	10	59	.1	20	12	643	3.08	6	5	ND	6	369	1	2	2	30	5.83	.126	68	31	1.27	27	.01	3	1.46	.02	.14	1	15
FX 412588	1	36	13	65	.4	24	15	460	3.35	141	5	ND	6	98	1	2	3	35	1.16	.162	84	36	1.33	18	.01	4	1.51	.03	.16	1	21
FX 412589	1	40	9	58	.1	21	10	594	2.93	3	5	ND	5	277	1	2	3	33	3.79	.122	68	33	1.22	24	.01	2	1.32	.02	.11	1	12
FX 412590	1	26	18	48	.2	20	13	226	2.65	312	5	ND	3	74	1	2	2	30	.71	.134	71	36	.87	29	.01	2	.92	.02	.14	1	23
FX 412591	2	28	13	35	.8	18	10	371	2.02	335	5	ND	4	546	1	3	2	18	7.38	.114	58	21	.54	16	.01	3	.66	.02	.14	1	33
FX 412592	1	27	17	69	.1	23	13	676	3.13	25	5	ND	6	208	1	2	2	34	2.81	.156	89	32	1.31	33	.10	2	1.63	.04	.18	1	16
FX 412593	1	33	17	69	.1	25	14	700	3.46	15	5	ND	9	196	1	2	4	57	2.62	.166	89	39	1.10	35	.12	2	1.42	.04	.19	1	4
FX 412594	1	36	9	65	.1	28	15	721	3.77	27	5	ND	5	174	1	2	4	74	2.68	.161	77	47	1.12	54	.13	2	1.44	.04	.17	1	2
FX 412595	1	31	12	61	.1	24	13	735	3.22	4	5	ND	6	200	1	2	4	66	3.67	.147	70	42	1.27	38	.17	3	1.48	.04	.15	1	18
FX 412596	1	43	15	70	.1	27	15	586	3.54	18	5	ND	4	135	1	2	10	51	1.65	.165	77	36	1.12	31	.23	3	1.62	.05	.19	1	34
FX 412597	1	20	14	33	.5	18	9	1131	1.65	28	5	ND	1	1062	1	2	3	21	18.01	.080	45	18	.49	37	.05	2	.69	.02	.14	1	18
FX 412598	1	33	12	67	.1	26	15	683	3.54	13	5	ND	6	200	1	2	2	71	3.37	.165	73	43	1.25	156	.20	6	1.52	.04	.16	1	20
FX 412599	1	33	16	68	.1	27	16	687	3.65	20	5	ND	8	188	1	2	10	64	3.43	.167	76	42	1.16	55	.21	10	1.49	.04	.15	1	6
FX 412600	1	32	17	64	.1	28	16	703	3.97	4	5	ND	10	163	1	2	11	92	3.07	.162	72	49	1.74	95	.22	5	1.78	.05	.11	1	1
FX 412601	1	35	18	72	.1	26	15	655	3.78	5	5	ND	9	150	1	5	4	86	2.98	.175	73	50	1.57	54	.19	3	1.55	.04	.08	1	1
FX 412602	1	16	10	32	1.3	11	7	801	1.30	9	5	ND	1	1223	1	2	2	19	19.70	.069	35	18	.54	44	.02	2	.60	.02	.09	2	35
FX 412603	1	34	10	67	.1	28	16	551	3.84	6	5	ND	10	174	1	2	2	65	2.80	.169	75	45	1.15	47	.06	3	1.32	.04	.14	1	11
FX 412604	1	42	6	53	.1	19	11	704	2.60	6	5	ND	8	674	1	2	2	35	10.18	.130	58	31	1.03	82	.01	7	1.06	.03	.12	1	20
STD C/AU-R	19	63	39	132	6.6	70	31	1029	3.81	45	17	7	37	51	18	15	22	60	.44	.088	40	53	.84	179	.07	37	1.68	.06	.14	12	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
FX 412605	1	15	7	23	1.2	8	4	799	1.09	4	5	ND	1	1748	1	2	2	14	24.40	.053	26	12	.44	89	.01	2	.49	.02	.06	1	26
FX 412606	1	37	17	67	.3	26	16	642	3.74	7	5	ND	12	224	1	3	13	68	3.22	.169	72	44	1.23	61	.07	3	1.38	.04	.13	1	4
FX 412607	1	38	12	66	.1	26	15	668	3.60	9	5	ND	8	238	1	2	2	53	3.18	.165	75	38	1.25	84	.02	2	1.35	.04	.12	1	5
FX 412608	1	30	15	43	.3	21	13	433	2.31	77	5	ND	5	938	1	2	2	23	5.82	.137	66	22	.77	35	.01	11	.93	.04	.15	2	12
FX 412609	1	37	18	66	.1	26	14	602	3.46	6	5	ND	6	345	1	2	2	49	2.89	.161	85	35	1.58	43	.01	4	1.68	.05	.12	1	1
FX 412610	4	27	13	49	.6	30	13	597	2.82	11	5	ND	5	658	1	3	2	25	4.38	.127	67	34	1.16	45	.01	4	1.21	.04	.15	2	20
FX 412611	1	20	16	74	.1	36	13	566	3.37	5	5	ND	3	166	1	2	2	37	2.02	.155	72	59	1.88	17	.01	2	1.90	.05	.12	1	7
FX 412612	3	22	11	57	.3	40	13	480	2.79	21	5	ND	5	149	1	3	2	32	2.16	.131	62	47	1.27	21	.01	8	1.28	.04	.13	1	18
FX 412613	3	28	14	44	1.1	43	14	516	3.26	18	5	ND	5	1911	1	2	2	26	4.57	.128	45	48	.93	43	.01	2	.93	.04	.17	2	81
FX 412614	1	27	18	65	.3	33	13	625	3.20	7	6	ND	5	519	1	2	4	44	3.47	.156	47	57	1.80	155	.01	2	1.85	.05	.16	1	9
FX 412615	5	23	15	34	.8	37	13	370	2.64	14	5	ND	5	351	1	3	9	18	3.34	.101	47	35	.67	22	.01	2	.67	.03	.13	2	42
FX 412616	1	27	12	81	.1	45	16	632	3.78	5	5	ND	3	331	1	2	2	58	3.74	.170	77	69	2.00	50	.01	2	2.10	.06	.12	1	7
FX 412617	2	26	20	78	.1	43	17	585	3.98	14	5	ND	4	1348	1	2	2	40	3.14	.172	68	60	1.88	65	.01	2	1.95	.06	.16	1	53
FX 412618	1	30	18	82	.1	42	15	631	3.79	5	5	ND	5	259	1	2	7	50	2.81	.201	90	53	1.85	446	.01	15	2.10	.05	.14	1	4
FX 412619	1	26	25	72	.3	38	14	664	3.47	12	5	ND	7	300	1	2	2	46	3.41	.173	60	56	1.90	91	.01	2	1.99	.05	.16	2	6
FX 412620	1	27	37	81	.1	38	14	598	3.67	10	5	ND	4	255	1	2	3	42	3.63	.168	64	65	2.03	22	.01	8	2.08	.05	.15	1	9
FX 412621	2	21	13	61	.1	38	13	360	2.78	24	5	ND	6	176	1	2	2	37	3.24	.144	71	53	1.22	149	.01	4	1.23	.04	.15	1	17
FX 412622	1	24	12	72	.2	41	15	542	3.41	10	5	ND	10	222	1	2	2	49	3.10	.165	84	65	1.61	54	.01	3	1.71	.05	.14	1	9
FX 412623	2	26	13	65	.3	45	15	506	3.52	12	5	ND	5	563	1	2	2	37	3.62	.159	51	57	1.54	21	.01	2	1.57	.05	.17	1	36
FX 412624	1	36	27	85	.3	79	19	672	3.91	8	5	ND	5	288	1	3	7	43	2.67	.188	73	86	2.41	24	.01	5	2.47	.05	.16	1	5
FX 412625	1	21	22	71	.1	47	16	775	3.46	4	5	ND	7	598	1	2	2	37	3.50	.158	86	81	1.92	53	.01	2	2.12	.04	.16	1	1
FX 412626	2	18	14	66	.1	39	14	690	3.28	2	5	ND	9	176	1	2	2	50	3.08	.149	86	83	1.41	27	.01	2	1.65	.03	.10	1	3
FX 412627	4	20	16	74	.1	43	16	703	3.88	6	5	ND	9	174	1	2	3	70	3.53	.154	92	95	1.91	27	.01	5	2.06	.04	.07	1	2
FX 412628	1	23	8	70	.1	38	16	762	3.94	3	5	ND	12	169	1	2	2	83	3.59	.151	91	93	2.26	29	.01	2	2.11	.04	.07	1	1
FX 412629	1	16	8	67	.1	40	16	736	3.87	2	5	ND	12	154	1	2	2	83	3.82	.150	87	98	2.19	29	.01	2	1.95	.04	.07	1	5
STD C/AU-R	19	63	36	132	7.4	72	31	1029	3.83	45	24	8	40	51	19	15	23	61	.45	.091	41	54	.86	178	.07	36	1.69	.06	.13	13	520

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Gold, B.C.
BH 72479
FX 412630 - 412772

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 17 1989 DATE REPORT MAILED: April 25/89 SIGNED BY C. Leong ...D.TOYE. C.LEONG. J.WANG; CERTIFIED B.C. ASSAYERS

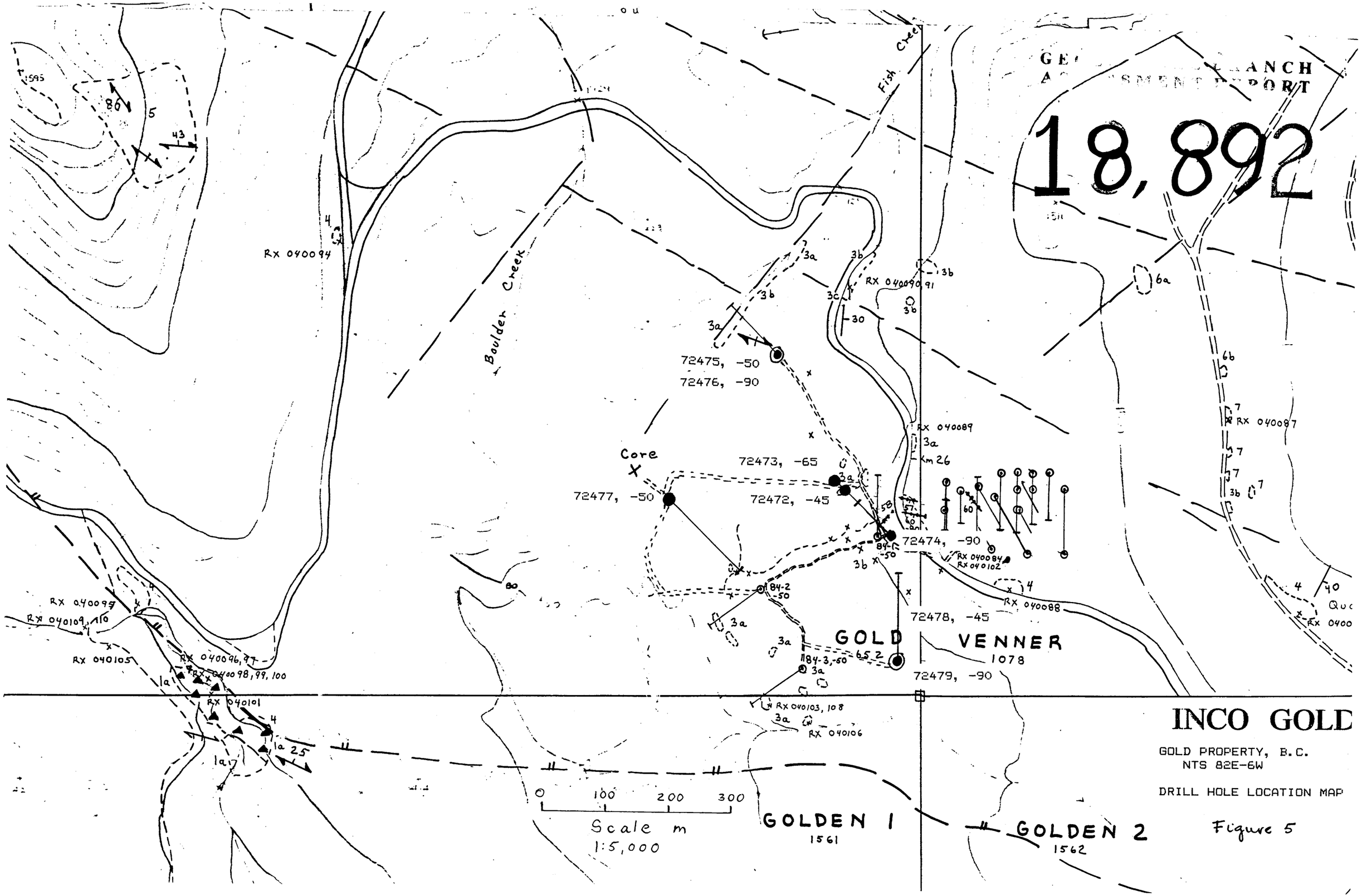
INCO GOLD COMPANY File # 89-0804 Page 1

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
FX 412630	3	8	23	34	.2	7	4	285	1.35	16	5	ND	9	32	1	2	2	18	.34	.058	40	11	.35	43	.06	2	.57	.03	.19	1	40
FX 412631	8	17	18	37	.3	22	13	452	2.48	36	5	ND	13	60	1	2	2	29	.47	.112	79	27	.64	43	.02	3	.33	.01	.28	13	37
FX 412632	8	9	14	66	.3	16	10	498	2.45	32	5	ND	13	90	1	2	2	28	.46	.107	78	21	.53	34	.01	2	.74	.01	.24	1	35
FX 412633	3	11	12	43	1.3	9	9	222	1.90	46	5	ND	13	87	1	2	2	17	.28	.086	67	13	.20	29	.02	4	.42	.01	.24	2	81
FX 412634	2	17	24	66	.9	16	10	435	2.21	50	5	ND	11	102	1	2	2	21	.35	.108	64	19	.55	29	.01	2	.74	.01	.24	1	75
FX 412635	1	14	30	65	.4	16	11	423	2.42	23	5	ND	12	168	1	2	2	22	.72	.127	85	22	.63	25	.01	2	.81	.01	.24	2	52
FX 412636	1	17	12	52	.1	10	7	758	1.82	5	5	ND	11	181	1	2	2	22	2.63	.091	78	21	.79	19	.01	2	.92	.01	.25	1	20
FX 412637	1	16	15	67	.4	18	10	503	2.06	11	5	ND	13	126	1	2	2	25	.67	.109	87	26	.96	24	.01	4	1.01	.02	.24	1	32
FX 412638	1	12	13	57	.7	15	8	485	1.89	8	5	ND	10	114	1	2	2	23	.94	.095	73	24	.89	28	.01	2	.89	.01	.21	1	41
FX 412639	1	11	13	76	.4	21	9	420	1.73	8	5	ND	11	125	1	2	2	21	.54	.090	70	22	.84	20	.01	2	.81	.02	.18	1	35
FX 412640	1	16	12	61	.2	17	8	470	1.92	7	5	ND	13	149	1	2	2	25	1.01	.103	87	25	.91	21	.01	2	.96	.02	.25	1	23
FX 412641	1	16	17	82	.2	25	9	482	1.67	10	5	ND	11	137	1	2	2	20	.84	.091	80	23	.69	16	.01	4	.81	.02	.24	1	25
FX 412642	2	16	12	83	.3	28	10	445	1.86	15	5	ND	12	108	1	2	2	23	.55	.094	77	25	.73	21	.01	3	.77	.01	.21	1	18
FX 412643	1	14	11	78	.1	24	11	401	1.90	11	5	ND	11	88	1	2	3	27	.51	.082	73	25	.75	25	.01	2	.75	.01	.19	1	42
FX 412644	1	17	23	65	1.3	20	10	316	1.96	104	5	ND	12	80	1	2	2	27	.46	.088	68	23	.69	26	.01	2	.73	.01	.19	1	59
FX 412645	1	12	22	66	.3	19	10	391	1.93	16	5	ND	11	83	1	2	2	31	.47	.084	72	24	.89	26	.01	2	.86	.01	.19	1	23
FX 412646	1	20	14	54	.1	23	11	481	2.38	9	5	ND	13	119	1	2	2	37	1.35	.106	88	30	.98	37	.01	2	1.01	.02	.22	1	10
FX 412647	1	19	13	69	.1	22	9	396	1.87	11	5	ND	12	136	1	2	6	24	.96	.109	85	29	.87	20	.01	2	.92	.02	.23	1	47
FX 412648	1	11	13	46	.5	13	8	443	1.70	10	5	ND	12	144	1	2	2	19	1.73	.087	70	20	.82	17	.01	2	.86	.02	.21	1	64
FX 412649	1	20	11	35	.4	12	7	412	1.50	6	5	ND	11	129	1	2	2	19	1.50	.084	67	19	.60	15	.01	2	.71	.02	.21	1	88
FX 412650	1	13	14	43	.2	14	7	522	1.74	5	5	ND	11	156	1	2	2	21	2.71	.090	74	19	.76	15	.01	2	.87	.02	.22	1	107
FX 412651	1	15	11	51	.3	18	9	426	1.86	8	5	ND	11	152	1	2	2	23	1.61	.098	80	22	.88	16	.01	2	.94	.02	.22	1	230
FX 412652	1	23	10	46	.1	16	8	525	1.80	7	5	ND	9	159	1	2	3	26	3.06	.089	68	29	.87	31	.01	2	.88	.02	.20	1	8
FX 412653	1	21	14	57	.2	18	10	458	2.29	5	5	ND	11	118	1	2	2	29	1.29	.102	77	34	1.08	26	.01	3	1.08	.02	.19	1	23
FX 412654	1	15	15	44	.1	15	7	549	1.75	2	5	ND	9	137	1	2	2	27	3.09	.079	57	29	.72	36	.01	2	.74	.02	.16	1	16
FX 412655	1	20	13	51	.1	15	8	445	1.93	3	5	ND	10	124	1	2	2	24	1.80	.092	69	28	.92	17	.01	2	.89	.02	.15	1	46
FX 412656	1	41	13	37	.5	13	6	359	1.36	6	5	ND	8	121	1	2	2	17	2.13	.070	57	25	.70	13	.01	2	.72	.01	.18	1	101
FX 412657	1	21	18	59	.1	16	9	475	2.19	4	5	ND	11	130	1	2	2	27	1.74	.102	79	31	1.06	18	.01	2	1.05	.02	.18	1	80
FX 412658	1	17	21	55	.5	19	9	452	2.11	4	5	ND	10	113	1	2	2	27	1.47	.098	69	34	1.07	27	.01	2	1.04	.02	.19	1	50
FX 412659	1	17	12	59	.1	16	9	464	2.25	4	5	ND	11	115	1	2	3	27	1.56	.100	79	29	1.17	17	.01	2	1.10	.02	.15	1	11
FX 412660	1	17	13	48	.3	12	7	451	1.76	4	5	ND	11	135	1	2	3	22	1.92	.083	72	22	.95	16	.01	2	.88	.02	.16	1	20
FX 412661	1	18	18	57	.3	13	8	367	1.89	2	5	ND	10	104	1	2	2	22	.78	.078	68	22	1.08	21	.01	3	.99	.02	.16	1	19
FX 412662	1	16	20	45	.4	13	6	396	1.62	3	5	ND	9	208	1	2	2	20	2.25	.075	65	21	.93	15	.01	2	.89	.02	.18	1	27
FX 412663	1	19	12	67	.1	16	10	421	2.50	2	5	ND	12	114	1	2	2	32	.99	.114	91	30	1.37	21	.01	4	1.39	.03	.21	1	11
FX 412664	1	24	11	56	.1	14	8	587	2.15	2	5	ND	10	179	1	2	2	29	3.59	.094	81	25	1.09	29	.01	2	.99	.02	.13	1	8
FX 412665	1	16	9	54	.4	12	7	429	1.95	2	5	ND	11	118	1	2	2	24	1.84	.092	76	23	1.10	16	.01	2	1.05	.02	.16	1	33
STD C/AU-R	19	63	43	137	7.1	73	31	1031	3.99	42	17	8	40	51	20	14	22	61	.45	.092	41	55	.37	179	.07	35	1.77	.06	.13	11	520

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
FX 412666	1	14	35	35	2.3	12	6	236	1.68	14	5	ND	10	76	1	2	2	20	.50	.068	61	21	.53	20	.01	4	.65	.02	.14	2	69
FX 412667	2	27	31	31	2.6	13	6	212	1.42	13	5	ND	9	81	1	2	2	18	.49	.072	63	22	.51	21	.01	2	.56	.02	.16	2	797
FX 412668	1	17	11	58	1.7	14	10	345	2.07	5	5	ND	11	99	1	2	2	22	.62	.087	80	24	1.21	11	.01	3	1.11	.02	.15	1	192
FX 412669	1	14	17	46	1.5	13	7	304	1.68	4	5	ND	9	123	1	2	3	20	.75	.094	70	22	.92	21	.01	2	.89	.03	.18	2	34
FX 412670	1	24	13	60	.1	15	9	490	2.16	6	5	ND	11	180	1	2	2	24	2.14	.103	84	30	1.13	25	.01	2	1.14	.03	.15	1	10
FX 412671	1	23	25	62	.1	13	8	615	1.77	7	5	ND	13	234	1	3	2	20	3.70	.098	79	25	.90	20	.01	2	.93	.03	.17	1	3
FX 412672	1	16	23	61	.1	12	9	516	1.91	2	5	ND	13	264	1	2	2	22	3.27	.102	86	23	.99	15	.01	2	1.06	.04	.18	1	1
FX 412673	1	19	17	60	.1	13	8	441	1.95	2	5	ND	14	255	1	2	2	20	2.69	.113	105	26	1.02	15	.01	2	1.11	.05	.19	1	2
FX 412674	1	23	23	52	.1	13	7	525	1.72	3	5	ND	10	289	1	2	2	21	4.06	.100	73	25	.84	35	.01	2	.87	.04	.17	1	1
FX 412675	1	17	20	54	.1	14	7	463	1.72	2	5	ND	12	270	1	2	2	21	3.39	.108	99	24	.86	18	.01	6	.94	.05	.20	1	2
FX 412676	1	32	30	59	.1	23	10	684	2.07	4	5	ND	9	205	1	2	2	28	4.62	.119	75	77	1.02	31	.01	3	1.16	.04	.24	1	1
FX 412677	1	21	24	61	.1	12	8	431	1.90	4	5	ND	10	225	1	2	2	19	2.66	.108	92	23	1.03	20	.01	5	1.08	.05	.18	1	2
FX 412678	1	29	22	81	.1	60	18	578	2.98	9	5	ND	6	205	1	2	2	42	2.15	.112	54	83	1.93	20	.01	10	1.94	.05	.13	1	19
FX 412679	1	19	19	50	.1	15	8	459	1.59	6	5	ND	13	240	1	2	3	14	2.80	.103	82	23	.96	14	.01	2	1.00	.05	.20	1	1
FX 412680	1	18	25	61	.1	14	9	414	1.93	4	5	ND	11	191	1	2	2	16	1.58	.101	83	26	1.12	12	.01	2	1.15	.05	.19	1	2
FX 412681	5	26	32	90	.1	32	14	413	3.05	5	5	ND	13	191	1	2	2	22	.50	.149	110	44	1.92	15	.01	2	1.90	.07	.16	1	1
FX 412682	5	32	30	72	.7	39	16	444	2.67	7	5	ND	5	154	1	2	2	28	.84	.101	55	41	1.36	14	.01	3	1.45	.05	.16	1	4
FX 412683	1	26	19	72	.1	32	14	568	2.79	3	5	ND	3	177	1	2	2	32	2.27	.145	84	42	1.56	17	.01	2	1.60	.04	.16	1	5
FX 412684	1	32	22	74	.2	31	13	633	3.14	3	5	ND	6	193	1	3	2	33	3.74	.115	62	41	1.66	13	.01	4	1.70	.03	.12	1	9
FX 412685	1	32	14	82	.4	32	16	598	3.51	4	5	ND	8	132	1	2	2	38	2.72	.182	91	47	1.71	17	.01	3	1.81	.04	.17	1	77
FX 412686	1	35	18	79	.1	29	15	580	3.39	3	5	ND	8	211	1	2	2	35	2.96	.173	93	43	1.78	23	.01	2	1.77	.04	.13	1	10
FX 412687	1	29	12	43	.1	16	9	1270	1.83	7	5	ND	3	496	1	2	2	25	15.01	.100	53	25	.90	803	.01	2	.87	.03	.15	2	16
FX 412688	1	30	24	70	.1	25	14	595	3.25	2	5	ND	7	227	1	2	2	40	3.40	.150	80	42	1.55	73	.01	3	1.56	.04	.17	1	13
FX 412689	1	32	24	73	.2	29	15	606	3.51	5	5	ND	9	245	1	2	2	50	3.31	.179	83	44	1.71	82	.01	2	1.75	.04	.15	1	3
FX 412690	1	30	18	78	.1	27	16	573	3.57	5	5	ND	8	239	1	2	2	53	2.98	.180	84	46	1.70	40	.01	2	1.75	.03	.12	1	1
FX 412691	1	35	17	73	.1	24	14	571	3.33	4	5	ND	9	207	1	2	2	48	2.77	.152	72	43	1.60	122	.01	2	1.59	.03	.15	1	5
FX 412692	1	34	19	75	.1	30	16	624	3.48	3	5	ND	8	236	1	2	2	44	3.19	.175	68	46	1.73	84	.02	3	1.61	.03	.12	1	82
FX 412693	1	37	18	73	.1	26	15	576	3.59	2	5	ND	8	222	1	2	2	48	2.89	.179	64	42	1.77	85	.01	6	1.78	.04	.16	1	48
FX 412694	1	33	24	79	.1	24	14	675	3.46	3	5	ND	7	262	1	2	3	47	3.92	.171	57	42	1.57	70	.01	5	1.62	.04	.11	1	20
FX 412695	1	38	20	71	.1	25	15	639	3.31	6	5	ND	8	226	1	2	2	45	3.49	.161	57	41	1.59	48	.02	7	1.51	.04	.14	1	4
FX 412696	1	37	25	74	.1	25	14	646	3.39	3	5	ND	8	251	1	2	2	45	3.49	.164	64	41	1.67	79	.03	2	1.60	.04	.14	1	10
FX 412697	1	45	17	74	.1	27	15	596	3.35	3	5	ND	8	209	1	2	2	45	2.98	.152	59	42	1.65	79	.05	2	1.56	.04	.13	1	3
FX 412698	1	35	12	68	.1	24	12	635	3.08	5	5	ND	7	259	1	2	2	42	3.77	.142	57	37	1.41	104	.06	4	1.44	.04	.14	1	2
FX 412699	1	37	21	75	.1	29	14	544	3.29	2	5	ND	7	168	1	2	2	49	2.40	.159	56	42	1.63	49	.08	2	1.66	.04	.14	1	7
FX 412700	1	29	24	76	.1	28	14	603	3.17	3	5	ND	6	199	1	3	2	42	3.37	.145	52	37	1.58	37	.05	2	1.60	.04	.11	1	4
FX 412701	1	35	19	71	.3	26	13	551	3.14	6	5	ND	7	175	1	2	2	43	2.69	.144	55	40	1.53	65	.05	7	1.60	.04	.14	1	5
STD C/AU-R	19	63	43	137	7.1	73	32	1045	3.86	42	20	8	39	52	20	15	19	61	.45	.093	41	55	.87	179	.07	37	1.68	.06	.13	12	490

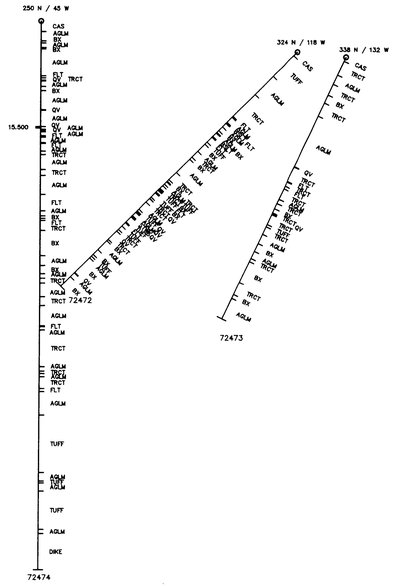
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
FX 412702	1	27	17	63	.2	24	12	584	3.04	3	5	ND	6	212	1	2	2	38	3.48	.149	76	35	1.41	72	.01	2	1.47	.03	.10	1	7
FX 412703	1	26	20	51	.4	20	10	661	2.54	5	5	ND	5	384	1	2	2	29	6.49	.114	67	22	1.05	94	.01	5	1.08	.03	.11	1	59
FX 412704	1	32	27	76	.3	27	15	510	3.64	4	5	ND	8	146	1	2	2	46	1.94	.178	94	44	1.66	55	.01	3	1.76	.04	.12	1	48
FX 412705	1	23	14	58	.8	21	10	481	2.70	3	5	ND	6	188	1	2	3	38	2.81	.127	71	39	1.27	57	.01	2	1.31	.03	.11	1	189
FX 412706	1	31	17	74	.3	25	13	541	3.49	2	5	ND	7	148	1	2	3	45	2.29	.174	88	41	1.61	30	.01	6	1.72	.04	.11	1	6
FX 412707	1	30	17	61	.2	22	11	580	2.91	5	5	ND	6	235	1	2	2	38	3.76	.132	65	34	1.36	96	.01	3	1.42	.03	.11	1	4
FX 412708	1	38	18	65	.3	25	13	551	3.15	3	5	ND	5	167	1	2	2	39	2.96	.148	56	38	1.46	67	.01	2	1.50	.04	.12	1	5
FX 412709	1	28	19	68	.1	24	13	647	3.30	3	5	ND	5	227	1	2	2	46	3.87	.168	62	40	1.55	94	.01	4	1.62	.04	.12	1	1
FX 412710	1	34	22	71	.2	28	14	633	3.56	4	5	ND	8	178	1	2	3	49	3.36	.173	81	45	1.71	136	.01	3	1.78	.04	.10	2	1
FX 412711	1	33	21	65	.1	26	13	672	3.15	6	5	ND	7	216	1	2	5	44	4.58	.152	74	41	1.53	435	.01	4	1.56	.03	.11	1	1
FX 412712	1	35	17	67	.1	34	14	567	3.48	4	5	ND	7	139	1	2	2	47	2.62	.170	78	49	1.64	54	.01	3	1.65	.04	.10	1	2
FX 412713	1	34	15	69	.1	26	14	612	3.52	3	5	ND	7	150	1	2	2	49	3.16	.171	80	47	1.63	41	.01	2	1.73	.04	.12	1	2
FX 412714	1	32	17	68	.1	23	13	621	3.20	2	5	ND	7	188	1	2	2	37	3.35	.167	86	38	1.66	107	.01	2	1.64	.05	.12	1	3
FX 412715	1	31	17	62	.4	24	13	538	3.07	31	5	ND	6	165	1	2	3	31	2.61	.143	74	33	1.45	44	.01	2	1.45	.05	.13	1	19
FX 412716	1	17	14	33	1.9	14	8	383	1.72	67	5	4	4	172	1	4	3	17	2.32	.079	43	22	.69	168	.01	2	.66	.02	.09	2	1575
FX 412717	1	21	16	49	1.5	18	10	504	2.29	101	5	ND	5	182	1	2	5	24	3.25	.110	62	29	1.05	57	.01	3	.93	.03	.11	1	290
FX 412718	1	22	21	56	.4	20	11	483	2.58	53	5	ND	6	168	1	2	2	28	2.65	.127	65	28	1.29	127	.01	2	1.18	.04	.11	1	14
FX 412719	1	19	17	46	.5	20	10	352	2.02	80	5	ND	5	110	1	2	2	22	1.11	.113	53	24	.95	28	.01	2	.83	.03	.11	1	13
FX 412720	1	33	17	61	.4	20	11	631	3.04	6	5	ND	8	187	1	2	2	34	3.33	.136	74	33	1.48	44	.01	2	1.45	.05	.13	1	5
FX 412721	1	36	16	63	.3	20	12	603	2.99	14	5	ND	7	205	1	2	2	30	3.14	.150	75	33	1.45	46	.01	2	1.48	.05	.14	1	10
FX 412722	1	36	19	65	.2	21	12	648	3.09	5	5	ND	7	206	1	2	2	33	3.87	.167	77	35	1.60	32	.01	2	1.64	.05	.14	1	3
FX 412723	1	29	13	59	.1	25	12	589	2.83	3	5	ND	6	276	1	2	2	28	3.45	.138	67	34	1.49	49	.01	2	1.47	.05	.13	1	5
FX 412724	1	34	22	70	.2	43	14	562	3.18	9	5	ND	8	277	1	2	2	30	2.74	.162	77	57	1.74	23	.01	5	1.83	.05	.16	1	6
FX 412725	1	19	31	64	.1	33	13	553	3.17	5	5	ND	11	283	1	2	2	38	2.84	.132	84	93	1.77	22	.01	4	1.87	.03	.12	1	1
FX 412726	1	16	22	60	.1	30	12	509	3.19	5	5	ND	12	185	1	2	2	48	3.35	.131	82	90	1.24	87	.01	2	1.44	.04	.12	1	1
FX 412727	1	27	18	79	.2	48	17	474	3.75	6	5	ND	12	95	1	2	2	44	1.12	.161	85	95	1.56	13	.01	2	1.77	.03	.11	2	9
FX 412728	1	21	17	66	.1	32	13	745	3.42	2	5	ND	11	173	1	2	2	54	2.96	.143	88	97	1.30	19	.01	3	1.47	.04	.10	1	1
FX 412729	1	12	27	57	.1	31	12	590	2.68	2	5	ND	6	258	1	2	2	35	3.13	.111	64	69	1.17	126	.01	2	1.19	.03	.11	1	2
FX 412730	1	17	30	76	.1	33	13	626	3.34	5	5	ND	10	182	1	2	5	50	2.81	.156	87	93	1.46	24	.01	2	1.53	.04	.13	1	2
FX 412731	1	17	30	67	.1	31	15	811	3.12	2	5	ND	8	208	1	2	2	52	4.16	.114	65	91	1.34	27	.01	2	1.34	.04	.10	1	2
FX 412732	1	20	17	71	.1	41	14	679	3.35	2	5	ND	10	209	1	2	4	34	3.37	.131	78	73	1.49	43	.01	3	1.46	.05	.09	1	1
FX 412733	1	22	14	71	.1	39	15	859	3.63	4	5	ND	10	300	1	2	2	37	3.97	.124	72	73	1.49	526	.01	2	1.48	.04	.11	1	1
FX 412734	1	16	15	73	.1	42	16	605	3.77	5	5	ND	11	159	1	2	2	45	2.69	.130	77	93	1.40	55	.01	3	1.56	.04	.11	1	2
FX 412735	1	22	9	53	.1	34	12	820	2.65	3	5	ND	9	132	1	2	4	34	3.86	.100	55	68	1.09	33	.01	2	1.15	.03	.10	1	1
FX 412736	1	17	20	75	.1	45	15	789	3.53	2	5	ND	10	203	1	2	3	37	3.94	.132	76	89	1.59	30	.01	2	1.72	.04	.11	1	1
FX 412737	1	17	38	80	.3	45	14	785	3.51	5	5	ND	9	315	1	3	5	31	4.15	.112	62	76	1.97	35	.01	3	1.67	.05	.12	1	1
STD C/AU-R	19	62	42	132	7.3	71	31	1023	3.89	43	22	8	40	51	20	14	24	61	.45	.090	40	56	.87	183	.07	39	1.73	.06	.13	12	470

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
FX 412738	1	18	19	74	.1	41	15	828	3.38	5	5	ND	17	172	1	2	5	56	2.76	.167	92	115	1.58	26	.01	2	1.54	.04	.09	1	60
FX 412739	1	13	21	61	.1	41	14	589	2.69	7	5	ND	14	199	1	4	2	43	2.30	.121	77	92	1.15	33	.01	2	1.13	.04	.12	1	14
FX 412740	1	22	15	81	.2	50	17	764	3.67	10	5	ND	19	149	1	2	3	58	2.47	.178	101	116	1.51	38	.01	3	1.57	.04	.10	1	3
FX 412741	1	30	77	75	.1	45	16	698	3.12	9	5	ND	14	204	1	2	2	43	2.39	.145	75	96	1.35	22	.01	2	1.41	.03	.11	1	13
FX 412742	1	20	17	80	.1	41	16	872	3.70	6	5	ND	18	185	2	3	2	61	3.07	.158	93	115	1.76	82	.01	5	1.67	.05	.10	1	1
FX 412743	1	17	28	73	.1	34	15	1162	3.38	11	5	ND	14	911	1	2	2	55	6.63	.150	80	95	1.66	34	.01	2	1.53	.04	.11	1	4
FX 412744	1	25	15	79	.1	41	16	812	3.54	6	5	ND	17	184	1	2	2	65	2.83	.170	92	124	1.79	24	.01	3	1.55	.04	.09	1	5
FX 412745	1	25	21	68	.1	45	15	787	3.00	8	5	ND	13	140	1	2	2	53	2.79	.150	81	114	1.35	22	.01	2	1.27	.04	.11	1	7
FX 412746	1	24	27	81	.2	44	17	817	3.60	8	5	ND	17	149	2	2	2	62	2.48	.173	94	122	1.72	29	.01	2	1.61	.04	.10	1	1
FX 412747	1	19	17	75	.1	45	17	793	3.66	2	5	ND	17	151	1	2	2	67	2.39	.167	92	123	1.86	24	.01	4	1.66	.05	.09	1	3
FX 412748	1	21	18	72	.1	35	14	662	3.07	13	5	ND	11	165	1	2	2	53	2.31	.139	64	89	1.50	27	.01	2	1.28	.05	.11	1	7
FX 412749	1	26	10	75	.1	50	16	818	3.61	8	5	ND	15	187	1	3	2	65	2.83	.168	87	129	1.96	20	.01	3	1.67	.05	.09	1	5
FX 412750	2	31	15	53	.3	9	6	426	1.74	5	5	ND	3	208	1	2	4	16	1.56	.053	25	12	.48	38	.01	5	.42	.05	.17	2	8
FX 412751	3	25	12	54	.1	5	4	339	1.21	2	5	ND	3	316	1	2	2	10	1.32	.045	22	6	.31	560	.01	2	.36	.05	.15	1	10
FX 412752	2	16	10	32	.2	6	2	726	1.13	3	5	ND	4	187	1	2	3	16	6.27	.039	23	6	.18	43	.01	2	.28	.04	.16	2	13
FX 412753	1	17	20	35	.4	5	3	1599	1.27	2	5	ND	4	512	1	2	3	18	7.29	.037	19	10	.24	253	.01	2	.27	.04	.13	2	1
FX 412754	1	20	9	31	.1	3	2	316	1.10	2	5	ND	5	85	1	2	2	18	1.10	.042	22	4	.17	30	.01	2	.26	.04	.12	1	1
FX 412755	1	27	10	32	.1	4	2	530	1.11	2	5	ND	4	93	1	2	4	17	2.18	.043	23	5	.17	27	.01	2	.27	.04	.14	2	1
FX 412756	1	23	15	31	.5	4	2	388	1.08	2	5	ND	5	158	1	3	2	17	1.86	.042	21	5	.18	49	.01	2	.25	.04	.13	2	1
FX 412757	1	24	15	35	.1	2	3	395	1.20	2	5	ND	3	136	1	2	2	16	1.76	.041	21	9	.19	236	.01	2	.27	.04	.15	1	3
FX 412758	2	22	13	38	.2	4	4	506	1.29	6	5	ND	3	155	1	2	2	14	3.55	.041	21	5	.21	57	.01	2	.29	.04	.13	1	52
FX 412759	1	13	12	40	.1	3	4	373	1.25	2	5	ND	4	102	1	2	2	13	1.58	.043	23	5	.23	705	.01	3	.31	.04	.15	2	4
FX 412760	2	23	11	41	.2	6	3	319	1.19	7	5	ND	2	112	1	2	2	11	1.55	.042	21	4	.34	42	.01	2	.31	.04	.15	1	4
FX 412761	1	29	16	62	.1	12	7	900	2.01	13	5	ND	4	275	1	2	2	21	5.14	.080	34	11	.66	134	.01	5	.46	.05	.17	1	6
FX 412762	1	50	12	82	.2	24	16	1052	3.68	5	5	ND	7	308	1	2	2	68	3.06	.121	46	36	1.21	267	.01	18	1.26	.10	.12	1	1
FX 412763	1	25	2	55	.1	15	10	810	2.58	3	5	ND	4	261	1	3	2	47	2.51	.030	14	24	1.01	43	.01	9	.75	.07	.08	1	2
FX 412764	2	65	4	84	.4	26	17	859	3.74	4	5	ND	1	153	1	2	2	87	1.85	.058	6	54	1.48	34	.14	9	1.34	.10	.04	1	1
FX 412765	1	77	2	55	.2	17	11	753	2.56	8	5	ND	1	239	1	2	2	47	2.37	.038	7	35	1.23	182	.05	15	.77	.10	.05	1	1
FX 412766	1	148	6	56	.4	19	15	563	2.85	2	5	ND	2	93	1	2	2	64	1.05	.063	7	36	1.21	81	.16	5	1.07	.06	.04	1	1
FX 412767	2	9	10	10	.1	5	1	157	.60	2	5	ND	5	71	1	2	2	8	.54	.005	7	6	.13	11	.01	2	.27	.03	.06	2	1
FX 412768	1	72	2	82	.3	14	16	743	3.69	2	5	ND	1	82	2	2	2	106	1.28	.071	4	21	1.46	18	.29	7	1.43	.07	.07	1	1
FX 412769	1	50	2	71	.4	12	13	701	3.12	2	5	ND	1	66	2	3	2	77	1.10	.076	5	26	1.09	19	.21	4	1.17	.06	.08	1	1
FX 412770	1	22	6	67	.2	20	12	650	3.10	3	5	ND	1	32	1	2	2	84	.97	.066	7	34	1.16	72	.25	3	1.13	.08	.22	1	3
FX 412771	2	27	3	35	.3	10	5	342	1.58	2	5	ND	3	21	1	3	2	33	.45	.031	7	11	.49	10	.12	2	.60	.06	.07	2	2
FX 412772	1	43	2	58	.1	15	12	523	2.74	3	5	ND	1	34	1	2	2	68	.89	.084	5	24	.99	62	.22	2	.97	.08	.19	1	1
STD C/AU-R	20	62	42	137	8.0	72	33	1087	3.68	44	17	6	40	51	20	14	22	63	.44	.095	41	59	.83	188	.08	38	1.77	.06	.14	13	530


18,892
Fish Creek
Boulder Creek
Core
72475, -50
72476, -90
72473, -65
72472, -45
72477, -50
72474, -90
72478, -45
72479, -90
GOLD VENNER
1078
GOLDEN 1
1561
GOLDEN 2
1562
RX 040094
RX 040090, 91
RX 040089
RX 040087
RX 040088
RX 040084
RX 040102
RX 040095
RX 040109, 110
RX 040105
RX 040096, 97
RX 040098, 99, 100
RX 040101
RX 040103, 108
RX 040106
0 100 200 300
Scale m
1:5,000
INCO GOLD
GOLD PROPERTY, B.C.
NTS 82E-6W
DRILL HOLE LOCATION MAP
Figure 5

G72472.DWG

Elevation 1500 m



1300 m

1100 m

900 m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,892

INCO GOLD INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Copper Cliff, Ontario P0M 1N0	
Project: GOLD OPTION		Area: BRITISH COLUMBIA	
BH 72472,72473,72474 Azmuith 135°		SHEET	FIGURE 6
Supervisor: Wim Groeneweg	Instrument:	Survey date:	
Compiled by: J.A.Morin	Drawn by: D.W. Walsh	Date drawn: 05/27/89	Revised:
Scale: 1:1000	File: G72472.DWG	N.T.S. 82 E 6 W	

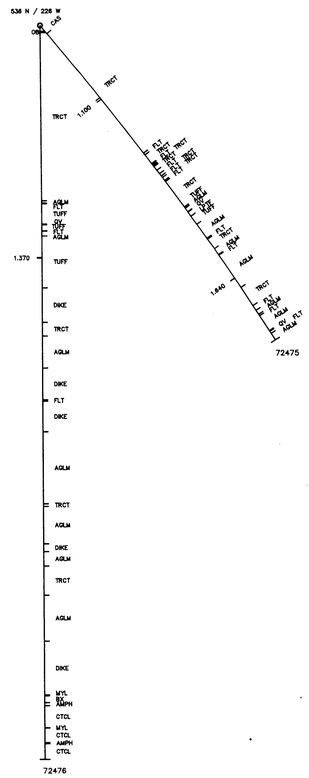
G72475.DWG

Elevation 1500 m

1300 m

1100 m

900 m



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,892

INCO GOLD INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Copper Cliff, Ontario P0M 1N0	
Project: GOLD OPTION		Area: BRITISH COLUMBIA	
BH 72475,72476 Azmuith 315°		SHEET	FIGURE 7
Supervisor: Wim Groeneweg	Instrument:	Survey date:	
Compiled by: J.A.Morin	Drawn by: D.W. Walsh	Date drawn: 05/27/89	Revised:
Scale: 1:1000	File: G72475.DWG	N.T.S. 82 E 6 W	

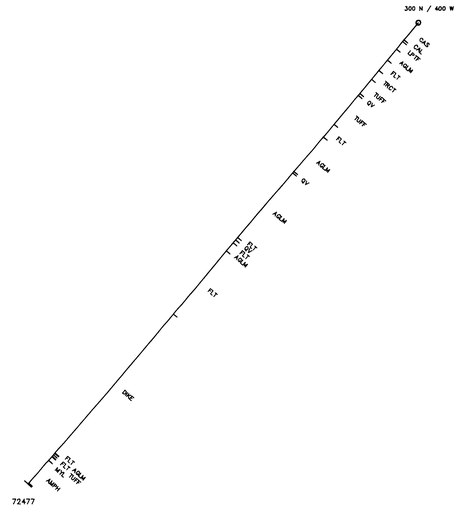
G72477.DWG

Elevation 1500 m

1300 m

1100 m

900 m



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,892

INCO GOLD INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Copper Cliff, Ontario P0M 1N0	
Project: GOLD OPTION		Area: BRITISH COLUMBIA	
BH 72477 Azmuith 135 °		SHEET	FIGURE 8
Supervisor: Wim Groeneweg	Instrument:	Survey date:	
Compiled by: J.A.Morin	Drawn by: D.W. Walsh	Date drawn: 05/27/89	Revised:
Scale: 1:1000	File: G72477.DWG	N.T.S. 82 E 6 W	

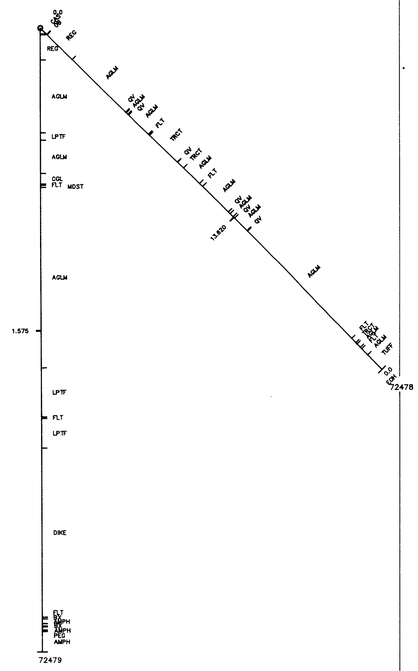
G0003WA1.DWG

Elevation 1500 m

1300 m

1100 m

900 m



200 S

00

200 N

400 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,892

INCO GOLD INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Copper Cliff, Ontario P0M 1N0	
Project: GOLD OPTION		Area: BRITISH COLUMBIA	
SECTION 32 W		SHEET	FIGURE 9
Supervisor: Wim Groeneweg	Instrument:	Survey date:	
Compiled by: J.A.Morin	Drawn by: D.W. Walsh	Date drawn: 05/27/89	Revised:
Scale: 1:1000	File: G0003WA1.DWG	N.T.S. 82 E 6 W	