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Fjordland Exploration Inc.

2003 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE FLUME-TEN PROPERTY, YUKON TERRITORY

Flume 1-353 (257 claims) - Phelps Dodge
Five 1-10 (10 claims) - Teck Cominco
Jual 1-41 (41 claims) - Teck Cominco
Ten 1-123 (123 claims) - Teck Cominco
Val 1-32 (32 claims) - Teck Cominco

Located in the Sixty Mile River Area,
Dawson Mining Division
NTS 115N/8, 9, 115O/5, 12

Centred at
63° 29' North Latitude
140° 03' West Longitude

-prepared for-
FJORDLAND EXPLORATION INC.
Suite 1550, 409 Granville Street
Vancouver, B.C., Canada
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Work completed between September 16th and 25th, 2003

-prepared by-

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RECEIVED
MAR 2 2 2004
MINING RECORDERS OFFICE
DAWSON, Y.T.

January 2004

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 38,900.

[signature]
for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Costs associated with this report have been approved in the amount of $ 38,900.
for assessment credit under Certificate of Work No. 2000456

K. Perry
Mining Recorder
Dawson City Mining District

SUMMARY

The Flume-Ten property, located in the Sixty Mile River area of west-central Yukon Territory, is host to intrusion-related Au mineralization. Although placer Au mining was initiated at the beginning of the 20th century, the first systematic modern exploration didn't commence until 1998 when Teck and Phelps Dodge staked large packages of claims to follow up anomalous regional geochemistry survey (RGS) anomalies. Fjordland Exploration Inc. is earning an interest in the Flume-Ten property from Teck and Phelps Dodge.

The Flume-Ten Property is located within the pericratonic Proterozoic to Paleozoic Yukon-Tanana Terrane (YTT) that is comprised of; Nisling or Nasina assemblage metasediments, and Pelly Gneiss and Nisutlin assemblage metamorphosed granitic and volcanic rocks, respectively. The YTT is intruded by Mesozoic unfoliated granitoids, and continental volcanic rocks. The YTT rocks have undergone several periods of deformation, the most important of which are an episode of mid-crustal compression with a shallowly-dipping fold-thrust belt, a second shortening event with associated thrusts, and regional east-west extension. Four main units underlie the Flume-Ten property: Proterozoic and/or Paleozoic psammites and quartz-mica schists, with minor marble and graphitic calc-silicates; Paleozoic orthogneisses; unfoliated Jurassic to Cretaceous intrusions; and Late Cretaceous dykes.

Auriferous mineralization on the property is largely hosted within Jura-Cretaceous intrusive rocks or in metasediments proximal to the intrusions. Mineralization is comprised of zones of silica replacement, limonite- and silica-carbonate altered felsic intrusives, and base metal mineralization in skarns and calc-silicates. Gold is also hosted in both shallowly- and steeply-dipping quartz±sulphide veins that range in width from one centimetre to one metre. Gold-arsenic mineralization is largely coincident with anomalous Au±As in soils. Teck carried out excavator trenching on the Jual Vein System, a series of northwest-trending, flat to moderately dipping quartz veins, stockworks, silicified zones and fault zones that are broadly related to the contacts of a quartz monzonite. Trenching did not test the zones of highest Au soil geochemistry due to more difficult access, but still returned results of 1.6 g/t Au over 25 metres (including 11.1 g/t Au over 3 metres). The largely untested Ten Grid area is marked by an open, 1.8 kilometre long Au-As soil anomaly that straddles the contact between the metasediment unit and a biotite quartz monzonite intrusion. Phelps Dodge trenched a number of anomalies on the southern portion of the B Grid, where Au and As define a 1.3 km^2 area with values of up to 1,317 ppb Au in soil. Mineralization identified in this area includes limonitic quartz veins, variably silicified and faulted quartz-mica schists, silicified felsic dykes that assayed up to 3.56 g/t Au and calc-silicate skarns that returned 1.20 g/t Au over 6.0 metres.

The Flume-Ten Property covers a 12 by 6 kilometre area of anomalous Au-As geochemistry that appears directly related to Jurassic or Cretaceous monzonitic intrusions cutting largely metasedimentary rocks of the YTT. There are a number of Au deposits at least spatially related to Cretaceous intrusions in the recently-recognized Tintina Gold Belt (TGB) that extends from southeastern Yukon to southwestern Alaska, and includes the Fort Knox, Dublin Gulch, Brewery Creek, Pogo and Donlin Creek deposits. Mineralization at these deposits covers a wide spectrum of high-grade mesothermal veins, intrusion-hosted sheeted veins, large-tonnage, low-grade disseminations and stockworks, skarns and mantos. The majority of this mineralization is located within the metamorphic aureole of the intrusions and has a characteristic lithophile metal assemblage. The extensive area of anomalous geochemistry on the Flume-Ten claims remains largely unexplained although mineralization identified within these areas share many characteristics with TGB mineralization, notably its association with Mesozoic intrusions and elemental signature. Limited trenching on the property has not examined the most significant Au anomalies on the property, which has yet to be tested by diamond drilling. Results of exploration to date demonstrate the property is one of the best under-explored targets in the TGB and that further exploration is fully warranted.

2003 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE FLUME-TEN PROPERTY

TABLE OF CONTENTS

APPENDICES

LIST OF TABLES

LIST OF FIGURES

1.0 INTRODUCTION

The Flume-Ten property is located in the Sixty Mile River area of west-central Yukon Territory (Figure 1) and is host to intrusion-related gold mineralization. The area has seen placer mining since the latter stages of the 19th century and early 20th century. The first lode exploration was for Au in the early 20th century, but little work was carried out until Teck and Phelps Dodge staked a large package of claims in the late 1990's to follow up regional geochemistry survey (RGS) anomalies. Fjordland Exploration Inc. is earning an interest in the Ten, Five, Val and Jual claims from Teck Cominco Limited, and an interest in the Flume claims from Phelps Dodge Corporation of Canada, Limited.

Equity Engineering Ltd. was contracted to carry out the 2003 exploration program on the Ten and Five claims and to report on the results of this program. The fieldwork consisted of a four-man crew conducting infill grid soil sampling, geological mapping and prospecting.

2.0 LIST OF CLAIMS

The Flume-Ten property consists of 463 contiguous claims and claim fractions (Figure 2). The Flume-Ten property is located in the Dawson Mining Division on NTS map sheets 115N/8, 9 and 115O/5, 12. Claim data with expiry dates before 2003 assessment filing is presented in Table 2.0.1.

Table 2.0.1
Claim Data

Claim	Grant	Expiry	# Claims	Ownership
Flume 1 - 14	YC 7383 - 7396	2/7/2007	14	Phelps Dodge
Flume 15 - 22	YC 7397 - 7404	2/7/2008	8	Phelps Dodge
Flume 23 - 27	YC 7405 - 7409	2/7/2007	5	Phelps Dodge
Flume 28	YC 7410	2/7/2008	1	Phelps Dodge
Flume 29 - 32	YC 7411 - 7414	2/7/2007	4	Phelps Dodge
Flume 33 - 35	YC 7415 - 7417	2/7/2008	3	Phelps Dodge
Flume 36 - 55	YC 7418 - 7437	2/7/2007	20	Phelps Dodge
Flume 56	YC 7438	2/7/2008	1	Phelps Dodge
Flume 57	YC 7439	2/7/2007	1	Phelps Dodge
Flume 58	YC 7440	2/7/2008	1	Phelps Dodge
Flume 59 - 91	YC 7441 - 7473	2/7/2007	33	Phelps Dodge
Flume 92 - 153	YC 12438 - 12499	11/9/2007	62	Phelps Dodge
Flume 154 - 244	YC 17452 - 17542	13/9/2004	91	Phelps Dodge
Flume 246 - 249	YC 17543 - 17546	13/9/2004	4	Phelps Dodge
Flume 266 - 271	YC 17564 - 17569	13/9/2004	6	Phelps Dodge
Flume 273	YC 17571	13/9/2004	1	Phelps Dodge
Flume 352 - 353	YC 17650 - 17651	13/9/2004	2	Phelps Dodge
Five 1 - 10	YC 17377 - 17386	3/8/2004	10	Teck Cominco
Jual 1 - 41	YC 7800 - 7840	7/8/2004	41	Teck Cominco
Ten 1 - 72	YC 6983 - 7054	9/4/2004	72	Teck Cominco
Ten 73 - 98	YC 7644 - 7669	22/7/2004	26	Teck Cominco
Ten 99 - 123	YC 12500 - 12524	11/9/2004	25	Teck Cominco
Val 1 - 28	YC 7772 - 7799	4/8/2004	28	Teck Cominco
Val 29 - 30	YC 17145 - 17146	30/6/2004	2	Teck Cominco
Val 31 - 32	YC 17404 - 17405	6/8/2004	2	Teck Cominco
		Total	463	

0 200 400 800

kilometres

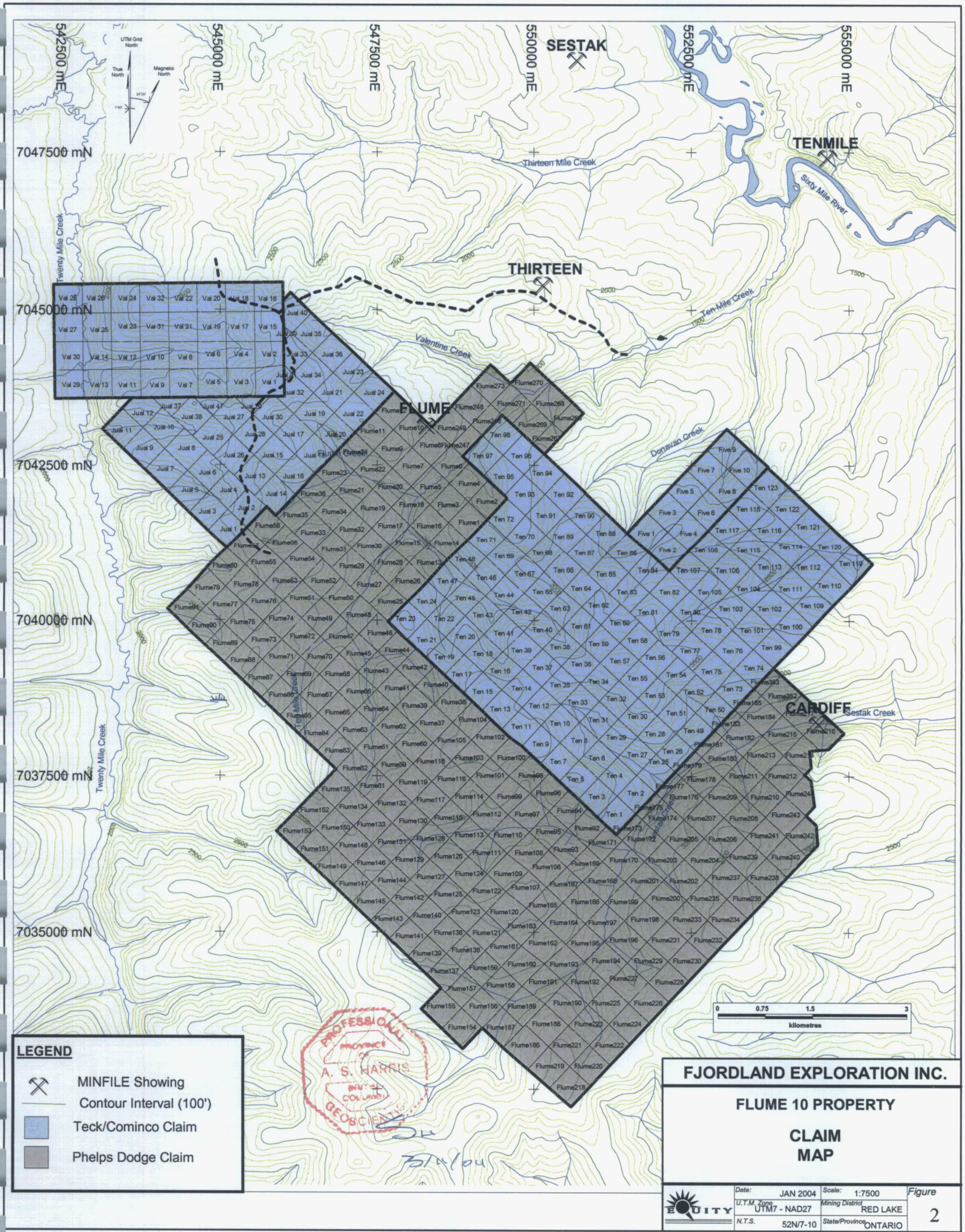
PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
A. S. HARRIS

FJORDLAND EXPLORATION INC.

FLUME - TEN PROPERTY

LOCATION MAP

EQUITY	Date: Jan 2004	Scale: 1:6,000,000	Figure 1
	U.T.M. Zone UTM7 - NAD83	Mining District Dawson	
	N.T.S. 115N/8,9 115O/5,12	State/Province Yukon	



542500 mE
545000 mE
547500 mE
550000 mE
552500 mE
555000 mE
7047500 mN
7045000 mN
7042500 mN
7040000 mN
7037500 mN
7035000 mN
UTM Grid North
True North
Magnetic North
SESTAK
TENMILE
THIRTEEN
FLUME
CARDIFF
Thirteen Mile Creek
Sixty Mile River
Ten Mile Creek
Valentine Creek
Donavan Creek
Sestak Creek
Twenty Mile Creek
0
0.75
1.5
3
kilometres
LEGEND
MINFILE Showing
Contour Interval (100')
Teck/Cominco Claim
Phelps Dodge Claim
FJORDLAND EXPLORATION INC.
FLUME 10 PROPERTY
CLAIM MAP
Date: JAN 2004
Scale: 1:7500
Figure 2
U.T.M. Zone UTM7 - NAD27
Mining District RED LAKE
N.T.S. 52N/7-10
State/Province ONTARIO
EQUITY
PROFESSIONAL
PROVINCE OF
A. S. HARRIS
BRIT. COLUMBIA
GEOSCIENTIST

3.0 LOCATION, ACCESS AND GEOGRAPHY

The property lies approximately 75 kilometres south of Dawson City and 15 kilometres west of the Yukon River. Dawson City is situated at the confluence of the Klondike and Top of the World Highways, approximately 536 kilometres northwest of Whitehorse and 631 kilometres east of Fairbanks, Alaska. The Yukon-Alaska border is 100 kilometres to the west. Access to the property is via helicopter, fixed wing or barge from Dawson City. An airstrip is situated at the mouth of Ten Mile Creek and a road in unknown condition terminates on the east side of the Yukon river some twelve kilometres northeast of the claims. A trail, suitable for all-terrain vehicles (ATV's) links the airstrip with most of the previously reported trenches.

The property is situated at the headwaters of Ten Mile Creek, a tributary of Sixty Mile River, and lie within the Klondike Plateau, an area characterized by rolling hills with smooth ridges and deep narrow valleys. Elevations on the property range from 400 metres in valley floors to 1200 metres at ridge tops. Vegetation consists of mature forests of conifers and deciduous trees in the valleys to sub-alpine vegetation on ridge tops. Portions of the property were burned approximately twenty years ago.

The climate in the vicinity of the Flume-Ten property is characterized as a northern continental climate with cool to hot summers and cold winters. The area receives approximately 120 days of precipitation per year with averages of 165 centimetres of snowfall, and 235 centimetres of rainfall. The property is generally snow-free from early June to the middle of September.

4.0 PROPERTY EXPLORATION HISTORY

A number of properties were staked in the vicinity of the Flume-Ten claims in the early 1900's and the 1980's, however there is no information regarding commodities explored for, or the results of these programs. The Tenmile quartz-gold veins (MINFILE occurrence 115O 035) were first staked in 1907 and were re-staked in 1915, 1916 and 1991. The Sestak fluorite occurrence (MINFILE occurrence 115O 081) was staked and hand-trenched in 1954 and re-examined in 1971.

Teck staked the current land packages in 1998 and carried out geological mapping and prospecting, including stream sediment and rock sampling and soil traverse lines in the same season (Table 4.0.1). Concurrently, Phelps Dodge staked the Flume claims, which are also under option to Fjordland, and conducted geological mapping and prospecting, including stream sediment, soil and rock sampling. In 1999, Teck and Phelps Dodge carried out similar programs of mapping, prospecting, stream sediment sampling, grid and traverse soil sampling and excavator trenching. Teck conducted a program of excavator trenching, rock and soil sampling in 2000. In addition to grid and traverse line soil sampling, Phelps Dodge excavated trenches and test pits, and carried out mapping, prospecting and stream sediment sampling.

Table 4.0.1
Property Exploration History

Company	Year	Exploration Activities
Teck	1998	Prospecting, stream sediment sampling (19), rock sampling (35), soil sampling (53), soil traverse lines (5 km)
	1999	Geological mapping, prospecting, stream sediment sampling (9), rock sampling (164), soil sampling (310): Val-Jual and Ten soil grids (13.4 line-km) and 10 soil traverse lines (23 km), 4 excavator trenches (191 m)
	2000	Rock sampling (1), soil sampling (115), soil lines (5.6 km), 13 trenches

Table 4.0.1 (Continued)
Property Exploration History

Company	Year	Exploration Activities
Phelps Dodge	1998	Geological mapping, prospecting, stream sediment sampling (25), rock sampling (11), soil sampling (172)
	1999	Geological mapping, prospecting, stream sediment sampling (2), rock sampling (115), soil sampling (1019): A and B soil grids
	2000	Geological mapping/prospecting, stream sediment sampling (15), rock sampling (443), soil sampling (646): C soil grid and 10 soil traverse lines (63 km), excavator trenches (8) and pits (28)

5.0 2003 EXPLORATION PROGRAM

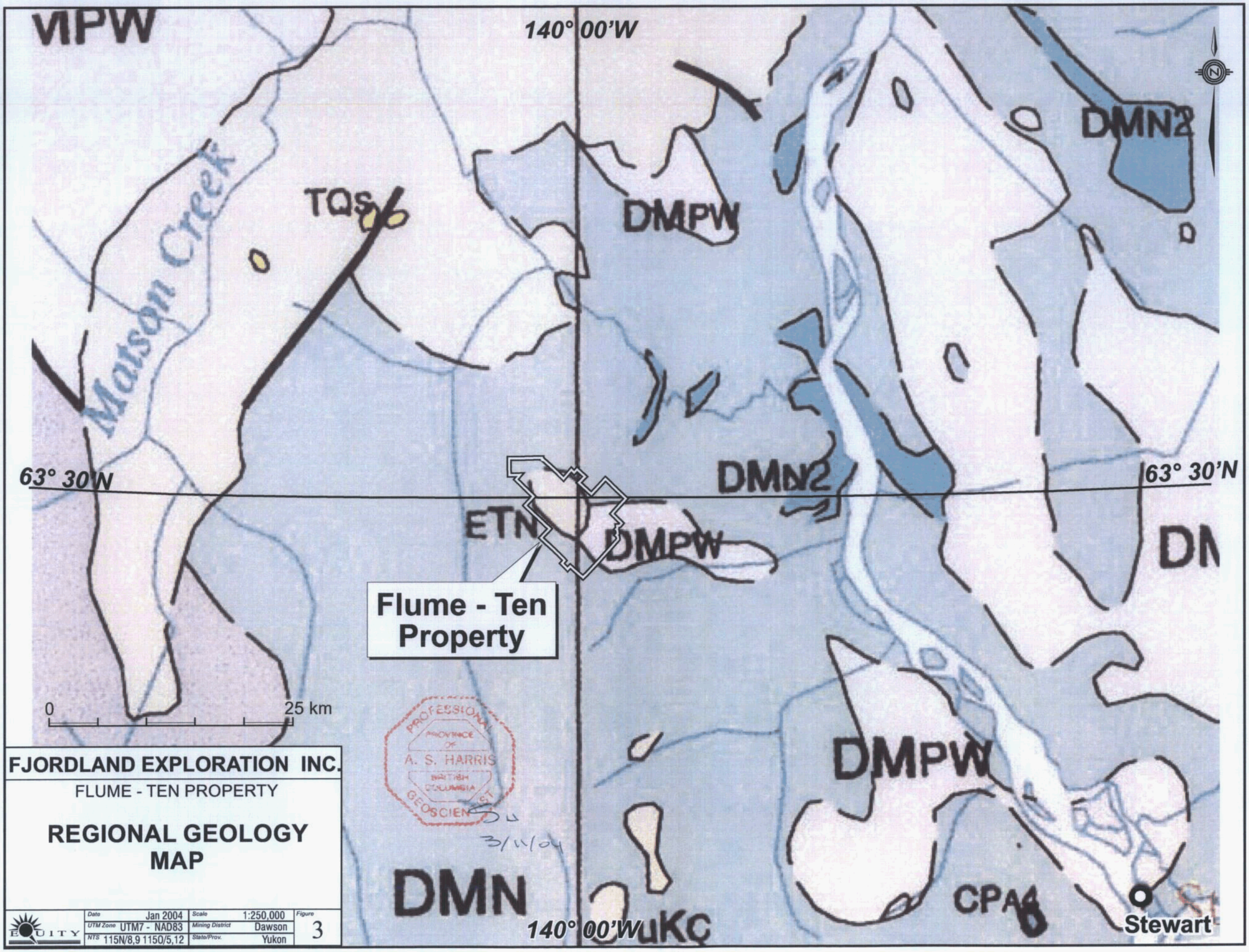
The 2003 exploration program was comprised of geological mapping, prospecting, and infill grid soil geochemical sampling on the Ten 52, 58, 65, 66, 68, 79, and 85-90 claims. A total of 23 rock samples were collected and were marked in the field by a combination of pink and blue flagging plus a small aluminium tag inscribed with the sample number, the type of sample, the initials of the sampler, and the date the sample was taken (Figure 4 and 5). Characteristics of the rock sample and the sample location were recorded on a sample form and the data from these forms has been included in Appendix D. Grid soil sampling was conducted to infill the 1998-2000 Ten grid in the headwaters of Donavan Creek and utilized the 1998-2000 grid, baseline and nomenclature (Figures 4 and 5). Infill lines were established at 100-metre intervals and 105 samples were collected at 25-metre intervals. Cross-lines were slope-corrected and established with compass, hipchain and clinometer. Hand-held GPS units were utilized for additional control on the location of rock sample locations.

Field mapping was carried out utilizing a magnetic declination of 26° East and the North American Datum 1983 (NAD-83). Sample preparation, including, drying, crushing and sieving was carried out at Teck Cominco Global Discovery Labs in Vancouver, B.C. Soil samples were dried and sieved to -80#. All rock samples were crushed and pulverized to -150#. Fifteen gram splits of soil samples were analyzed for Au by fire assay and for 35 elements by aqua regia/ICP. Thirty gram splits of rock samples were analyzed for Au by fire assay and for 28 elements by aqua regia/ICP. Analytical certificates for all samples are attached in Appendix E.

6.0 REGIONAL GEOLOGY

The area of the Flume-Ten property has been regionally mapped by Tempelman-Kluit (1974) on map sheet 115N and Bostock (1942) on map sheet 115O. A multi-disciplinary program, consisting of regional bedrock and surficial geological mapping, and airborne geophysics, is currently being undertaken by the Geological Survey of Canada (GSC) over the Stewart River area, which includes the area of the Flume-Ten property (Figure 3). Debicki (1984) and Mortensen (1996) have more recently mapped the area immediately north and northeast of the project area, while Wheeler et al (1991), and Gordey and Makepeace (2001) compiled the geology of the territory.

In the central Yukon, there are two main geological components largely separated by the major, northwest-trending Tintina fault. Rocks northeast of this fault represent the Ancient North American margin. Rocks southwest of the fault are accreted crustal fragments, including the pericratonic Yukon-Tanana Terrane, the Intermontane Superterrane consisting of the Stikinia, Quesnellia, Slide Mountain, Cache Creek and Windy-McKinley Terranes, and the Insular Superterrane consisting of the Wrangellia and Alexander Terranes. The Flume-Ten Property is located within the Proterozoic to Paleozoic Yukon-Tanana Terrane (YTT) and is comprised of the Nisling (Wheeler et al, 1991) or Nasina assemblage (Mortensen, 1996), the Pelly Gneiss, and the Nisutlin assemblage.



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FLUME - TEN PROPERTY

REGIONAL GEOLOGY MAP

Date: Jan 2004	Scale: 1:250,000	Figure	
UTM Zone: UTM7 - NAD83	Mining District: Dawson	3	
NTS: 115N/8,9 1150/5,12	State/Prov.: Yukon		

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3/11/04

LEGEND
(To accompany Figure 3 and after Gordey and Makepeace, 2001)

INTRUSIVE ROCKS

TERTIARY(?) and QUATERNARY:

TQs **Selkirk Volcanics:** Resistant, brown-weathering, columnar-jointed, vesicular to massive basalt flows, minor pillow basalt, basaltic tuff and breccia.

EARLY TERTIARY:

ETN **Nisling Range Suite:** Medium- to coarse-grained equigranular to porphyritic rocks of intermediate composition.

UPPER CRETACEOUS:

UKC **Carmacks Group:** a volcanic succession dominated by basic volcanic strata, but including felsic volcanic rocks dominantly at the base of the succession, and locally basal clastic strata

STRATIFIED ROCKS

PALEOZOIC:
Carboniferous to Permian:

CPA4 **Anvil Assemblage:** Dunite, peridotites, gabbro, pyroxenite, harzburgite, and minor diorite, hornblendite and diabase, serpentinite, orange-weathering quartz-carbonate rock with chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks.

Devonian:
DMPW **Pelly Gneiss Suite:** Variably deformed granitic rocks of predominantly felsic to intermediate composition.
DMN **Nasina Assemblage:** Graphitic quartzite and muscovite-rich schist.
DMN2 **Nasina Assemblage:** Marble.

The Nisling assemblage is composed of quartzite, quartz-mica schist and marble that represents a metamorphosed sedimentary continental margin sequence. The 400-320 Ma Nasina assemblage rocks are similar but contain a more significant carbonaceous content. The Pelly Gneiss and Nisutlin assemblage are composed of 350 to 250 Ma metamorphosed granitic and volcanic rocks, respectively. The Pelly Gneiss still retains its granitic composition but is strongly foliated and locally displays mineral banding. The metamorphism has turned the Nisutlin assemblage into a light green quartz-mica schist package that underlies the Klondike Goldfields and is known as the Klondike schist. The complexity of the Yukon-Tanana Terrane largely results from the diversity of rock types and the numerous metamorphic events it has undergone throughout its long history. The metamorphism is locally of extremely high temperature (650° C) and high pressures that correspond to crustal depths of approximately 25 kilometres.

The Paleozoic rocks are intruded by Jurassic? to Cretaceous unfoliated granitic rocks, and four groups of continental, post-accretionary volcanic rocks. The Cretaceous Carmacks Group (75 Ma) forms numerous thick successions of volcanic rocks along the contact between Stikinia and Yukon-Tanana Terrane and through the Dawson Range northwest of Carmacks. This volcanic event is responsible for much of the mineralization in the Dawson Range including the Laforma gold veins and the Casino copper-molybdenum-gold deposit.

The Paleozoic rocks are characterized by a regional foliation comprised of high-strain transposed layering in schists and gneisses and rootless isoclinal folds, and the intensity of this foliation locally achieves mylonite grade. In a study of the Flume claims, O'Dea (2000) summarized five deformation phases. The D_1 phase represents the initial stages of basin inversion and crustal shortening. Mid-crustal compressional D_2 deformation and metamorphism resulted in the development of a shallowly dipping fold-thrust belt. These events were followed by plutonism consisting of fine- to medium-grained equigranular felsic intrusions emplaced as sills, dikes, plugs and plutons. The D_3 regional shortening event produced district-scale post peak metamorphic thrusts. The D_4 deformation event is manifested by the development of local low amplitude north-northeast trending F_4 kink folds. Regional east-west extension (D_5) resulted in the emplacement of north-striking diabase and trachyte dikes.

7.0 PROPERTY GEOLOGY

Geology on Figures 4 and 5 is based upon previous mapping by Pautler (1998, 1999, 2001), Kulla (1999 and 2001), and Wetherup and Cameron (2000) and the following geologic summary is abridged from their work, as well as Peters' (2003) compilation. Geological mapping carried out in 2003 was largely confined to the southern portion of the Ten Grid, and selected showings on the Ten and Five claims. Geological mapping on the property is hampered by limited exposures in creeks and on ridge tops and from felsenmeer.

The geology of the Flume-Ten property can be divided into four units: Proterozoic and/or Paleozoic metasediments, Paleozoic orthogneisses, unfoliated Jurassic to Cretaceous intrusions, and Late Cretaceous dykes. The Proterozoic and/or Paleozoic metasediments (**Unit 1**) are comprised of brown weathering, muscovite±biotite psammitic schist, biotite schist, graphitic schist, muscovite-biotite quartzite, variable quartz-mica schist, and muscovite-chlorite granodiorite gneiss. These metasediments locally exhibit hornfelsing at the contact with Unit 3. Bands of massive coarse-grained marble with well-laminated graphitic calc-silicates (**Unit 1a**), and biotite-garnet±muscovite schist (**Unit 1b**), have also been mapped within this unit on the Flume claims. Structurally interleaved with the metasedimentary rocks is a suite of deformed and metamorphosed Middle Paleozoic intrusions consisting of meta-diorite (**Unit 2**), and melanocratic quartz augen gneiss, leucocratic feldspar augen gneiss and granitic pegmatite (**Unit 2a**). These orthogneisses have been correlated with the Devonian to Mississippian Pelly Gneiss Suite.

Several bodies of Jurassic to Cretaceous unfoliated quartz monzonite and granodiorite plugs have been mapped on the Flume-Ten property and cut Units 1 and 2. Two main phases of the intrusion have been distinguished; a fresh, pink, medium- to rarely fine-grained, equigranular biotite quartz monzonite with 10-15% biotite (**Unit 3**), and a white fine-grained to aphanitic intrusion with <5% biotite (**Unit 3a**). Unit 3a commonly exhibits clay alteration with possible potassic alteration.

Cross-cutting all units are a series of generally north-trending diabase, and feldspar±quartz porphyritic rhyolite/trachyte dykes (**Unit 4**), that are likely feeders to Cretaceous Carmacks Group bi-modal volcanic rocks. The dykes are generally tan-weathering and are marked by miarolitic cavities and flow textures.

Foliation- (S_1) and layer-parallel quartz veining is ubiquitous throughout the metasedimentary rocks, and only rarely are quartz veins observed in the orthogneiss or granite except locally near the contact with the granite. The metamorphic rocks in these locations can exhibit quartz-carbonate alteration. The quartz veins are 1 millimetre to 50 centimetres thick and are discontinuous within the metasediments, rarely extending for more than a metre. Thrust faults associated with the D_3 deformational event are marked by numerous low angle splays that are typically sulphidized, silicified and clay altered. Epithermal-style silica replacement and veining are associated with D_5 east-west extension and synchronous with the emplacement of north-striking diabase and trachyte dikes.

7.1 Alteration and Mineralization

Gold-arsenic mineralized zones on the property are largely hosted within Unit 3 or 3a intrusive rocks or in metasediments proximal to the intrusions. Gold occurrences are generally associated with zones of silica replacement, limonite- and silica-carbonate altered felsic intrusives and spatially associated with skarn development and local base metal mineralization in calc-silicate strata. Gold is also hosted in both shallow and steeply dipping quartz±sulphide veins that range in width from one centimetre to one metre. Gold-arsenic mineralization is largely coincident with anomalous Au±As in soils. The following areas were examined in 2003.

The **Ten Grid** area is marked by an open-ended, 1.8 kilometre long Au-As soil anomaly, with values up to 255 ppb Au and 1,280 ppm As. The anomaly covers the contact between the metasedimentary unit and the quartz monzonite intrusion. Northerly-trending feldspar porphyry dykes are present in the grid area but do not appear to be associated with the soil anomaly, although they are associated with extensional quartz-sulphide veining. The strong correlation between Au and As on the Ten Grid suggest that this mineralization is distinct from that exposed in the Jual Vein System. A 2003 subcrop sample (#185417) of biotite quartz monzonite and mica-quartz schist with cross-cutting quartz veinlets and jarositic boxworks returned anomalous Au and As values.

At the south end of the Flume-Ten claims a number of cliffs and large blocky talus fields are comprised of quartz monzonite along **Galena Creek**. Sheeted quartz veins and stringers with pyrite and traces of galena cut the quartz monzonite and have returned values up to 5.36 g/t Au and 3,322 ppb Au with anomalous Pb and W in 2003 (#134909). This area is also associated with anomalous stream sediment and soil samples.

Table 7.1.1
2003 Significant Rock Samples

Sample Number	Sample Width (m)	Sample Type	Zone	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)	W (ppm)
134904	n/a	Float	Ten Grid	<34	1.3	184	416	<2
134909	0.15	Grab	Galena Creek	3,322	0.6	9	718	199
185415	n/a	Float	Ten Grid	<34	<0.4	424	23	<2
185417	n/a	Float	Ten Grid	134	<0.4	646	11	<2
185418	n/a	Float	Ten Grid	<34	<0.4	327	7	<2
185421	n/a	Float	Ten Grid	62	<0.4	249	17	<2

An old trench along the southern tributary of Five Mile Creek and upstream from the 2003 camp is located within an extensive blocky field of quartz monzonite with local quartz veining. Quartz veins are milky and locally grey and finely banded with traces of pyrite, however 2003 sampling did not return any anomalous values in precious metals nor pathfinder elements.

8.0 SOIL GEOCHEMISTRY

A total of 105 soil samples were collected from Teck's Ten Grid; sample lines were located to close off anomalies in the southern and eastern portions of this grid. Percentile levels and correlation tables for selected elements and for 1998 to 2003 soil samples from the entire Flume-Ten property are tabulated below in Tables 8.0.1 and 8.0.2.

Table 8.0.1
***1998 to 2003 Soil Sample Percentile Levels**

	Au	Ag	As	Bi	Cu	Fe	Mo	Pb	Sb	U	W	Zn	Hg	S
N=	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	101	101
Max	670	4	1575	30	241	9.61	24	576	125	30	20	420	0.08	0.15
98th	100	0.6	550	20	80	5.31	6	96	5	10	10	168	0.07	0.13
95th	65	0.4	337	15	54	4.59	4	63	5	10	10	119	0.06	0.07
90th	45	0.2	220	15	43	4.1	3	44	5	10	10	92	0.05	0.025
80th	27.1	0.2	90	10	32	3.66	2	36	5	10	10	75	0.04	0.025
70th	20	0.2	38	10	27	3.39	1.2	30	5	10	10	66	0.04	0.025
60th	15	0.2	20	10	24	3.16	1	26	5	10	10	60	0.03	0.025
50th	10	0.2	15	5	21	2.98	1	24	5	10	10	55	0.03	0.025

* 1998 to 2000 Teck and 2003 Fjordland data

Table 8.0.2
***1998 to 2003 Soil Sample Correlation Matrix**

	Au	Ag	As	Bi	Cu	Fe	Mo	Pb	Sb	U	W	Zn	Hg	S%
Au		0.153	0.333	-0.001	0.102	0.051	0.056	0.101	-0.009	0.065	0.069	0.052	0.184	0.744
Ag	0.153													
As	0.333	0.243												
Bi	-0.001	0.017	0.010											
Cu	0.102	0.261	0.244	0.037										
Fe	0.051	0.171	0.348	0.465	0.366									
Mo	0.056	0.421	0.350	0.125	0.237	0.381								
Pb	0.101	0.309	0.129	0.164	0.307	0.221	0.059							
Sb	-0.009	0.153	-0.036	0.548	0.004	0.052	0.713	-0.022						
U	0.065	0.181	0.034	0.540	0.158	0.300	0.152	0.212	0.934					
W	0.069	0.168	0.046	0.547	0.173	0.317	0.150	0.221	0.930	0.982				
Zn	0.052	0.206	0.202	0.104	0.414	0.341	0.261	0.657	0.014	0.141	0.149			
Hg	0.184	0.352	0.141	-0.118	0.275	-0.253	-0.014	-0.179	-0.037	0.465	0.142	-0.055		
S%	0.744	0.643	0.538	0.382	0.247	0.128	0.266	-0.470	0.604	0.661	0.158	-0.528	0.643	

* 1998 to 2000 Teck and 2003 Fjordland data

Soil sampling on the Ten Grid has defined a west-northwest-trending 1.8 by 0.5 kilometre Au-As anomaly with values up to 255 ppb Au and 1280 ppm As (Figures 4 and 5). This anomaly has been largely closed off to the northwest, but sampling in 2003 indicates that it remains open to the southeast. In the southeast portion of the Ten Grid, there is a pronounced easterly trend to the As anomaly.

9.0 DISCUSSION

The Flume-Ten property, located in the Sixty Mile River area of west-central Yukon Territory, is host to intrusion-related Au mineralization. The property lies approximately 75 kilometres south of Dawson City and 15 kilometres west of the Yukon River, and the property area has seen placer mining since at least the early 20th century. Lode Au exploration was initiated during the same time period, but the first systematic modern exploration commenced in 1998 when Teck Cominco Limited and Phelps Dodge Corporation of Canada, Limited staked large packages of claims to follow up anomalous regional geochemistry survey (RGS) anomalies. Fjordland Exploration Inc. is earning an interest in the Ten, Five, Val and Jual claims from Teck, as well as an interest in the Flume claims from Phelps Dodge.

The Flume-Ten Property is located within the pericratonic Proterozoic to Paleozoic Yukon-Tanana Terrane (YTT) and is comprised of; Nisling or Nasina assemblage quartzite, quartz-mica schist and marble, and metamorphosed granitic and volcanic rocks of the Pelly Gneiss and the Nisutlin assemblage, respectively. These Paleozoic rocks are intruded by Jurassic? to Cretaceous unfoliated granitoid rocks, and continental, post-accretionary volcanic rocks. The Cretaceous Carmacks Group volcanic rocks are associated with much of the mineralization in the Dawson Range including the Laforma gold veins and the Casino copper-molybdenum-gold deposit. The YTT rocks have undergone several periods of deformation, the most important of which are a Paleozoic episode of mid-crustal compression and a resultant shallowly-dipping fold-thrust belt, an additional regional shortening event that produced district-scale post peak metamorphic thrusts, and regional east-west extension.

Four main units underlie the Flume-Ten property; Proterozoic and/or Paleozoic psammitic and variable quartz-mica schists, with minor marble and graphitic calc-silicates, deformed Paleozoic meta-diorite, augen gneiss, and granitic pegmatite, unfoliated Jurassic to Cretaceous intrusions, and Late Cretaceous dykes. Mineralization is associated with a number of Jurassic to Cretaceous unfoliated quartz monzonite and granodiorite plugs that vary from a largely medium-grained biotite quartz monzonite to a fine-grained to aphanitic intrusion. A series of north-trending diabase, and porphyritic rhyolite/trachyte dykes, likely related to Cretaceous Carmacks Group bi-modal volcanism, cross-cut all units.

Foliation- (S_1) and layer-parallel quartz veining is ubiquitous throughout the metasedimentary rocks, and less commonly in the orthogneiss or granite. The quartz veins are between 1 mm to 50 cm thick and are discontinuous within the metasediments. Thrust faults associated with the Paleozoic deformational event are marked by typically sulphidized, silicified and clay-altered low angle splays. Epithermal-style silica replacement and veining are associated with the east-west extension and synchronous with the emplacement of north-striking diabase and trachyte dikes.

Auriferous mineralization on the property is largely hosted within Jura-Cretaceous intrusive rocks or in metasediments proximal to the intrusions. Mineralization is comprised of zones of silica replacement, limonite- and silica-carbonate altered felsic intrusives, and base metal mineralization in skarns and calc-silicates. Gold is also hosted in both shallowly- and steeply-dipping quartz±sulphide veins that range in width from one centimetre to one metre. Gold-arsenic mineralization is largely coincident with anomalous Au±As in soils.

Teck carried out excavator trenching on the Jual Vein System, a series of northwest-trending, flat to moderately dipping quartz veins, stockworks, silicified zones and fault zones. This mineralization is broadly related to the contacts of a quartz monzonite, and is also associated with strong northwest-trending gold in soil anomalies. Trenching did not test the zones of highest Au soil geochemistry due to ease of access, but still returned results of 1.6 g/t Au over 25 metres (including 11.1 g/t Au over 3 metres), and 1.0 g/t Au over 19 metres (including 8.5 g/t over 1.5 metres). The Ten Grid area is marked by an open, 1.8 kilometre long Au-As soil anomaly that straddles the contact between the metasediment unit and a biotite quartz monzonite intrusion. The strong correlation between Au and As on the Ten Soil Grid suggest that this mineralization is distinct from that exposed in the Jual Vein System, which is not associated with anomalous As. Sampling of biotite quartz monzonite and mica-quartz schist with cross-cutting quartz veinlets and jarositic boxworks from the Ten Grid area returned anomalous Au and As values. At the southeast end of the Flume-Ten claims along Galena Creek, sheeted quartz veins and stringers with pyrite and galena cut quartz monzonite returning values up to 5.36 g/t Au with anomalous Pb and W.

Phelps Dodge trenched a number of anomalies on the southern portion of the B Grid, where Au and As define a 1.3 km^2 area with values of up to 1,317 ppb Au in soil. Mineralization identified in this area includes limonitic quartz veins, variably silicified and faulted quartz-mica schists, silicified felsic dykes and associated calc-silicate skarns. Silicified intrusive rocks assayed up to 3.56 g/t Au and massive calc-silicate skarn cut by felsic dykes returned 1.20 g/t Au over 6.0 metres with significant Pb, Ag and Zn values.

The Flume-Ten Property covers a 12 by 6 kilometre area of anomalous Au-As geochemistry that appears directly related to undeformed Jurassic or Cretaceous monzonitic intrusions cutting largely metasedimentary rocks of the YTT. There are a number of Au deposits at least spatially related to Cretaceous intrusions in the recently-recognized Tintina Gold Belt (TGB) that extends from southeastern Yukon to southwestern Alaska, and includes the Fort Knox, Dublin Gulch, Brewery Creek, Pogo and Donlin Creek deposits. Mineralization at these deposits covers a wide spectrum of high-grade mesothermal veins, intrusion-hosted sheeted veins, large-tonnage, low-grade disseminations and stockworks, skarns and mantos. The majority of this mineralization is located within the metamorphic aureole of the intrusions and has a lithophile metal assemblage that includes anomalous Au, As, Bi, Sb, Te, W, Cu, Pb, and Zn.

The extensive area of anomalous geochemistry on the Flume-Ten claims remains largely unexplained although mineralization identified within these areas share many characteristics with TGB mineralization, notably its association with Mesozoic intrusions and elemental signature. Limited trenching on the property has not examined the most significant Au anomalies on the property due to access. However, this trenching has identified high-grade Au mineralization hosted in quartz veins and similar quartz±sulphide veining with significant Au mineralization has been identified throughout the property. Trenching has also returned significant Au grades from mineralized felsic dykes and calc-silicate skarns; these calc-silicate horizons make for attractive targets owing to their physicochemical contrast with the surrounding units. Large-tonnage, low-grade mineralization, similar to that at Fort Knox are also prospective targets. None of the mineralized zones on the property have been tested by diamond drilling. Results of exploration to date demonstrate the property is one of the best under-explored targets in the TGB and that further exploration is fully warranted.

Respectfully submitted,
EQUITY ENGINEERING LTD.

Stewart Harris, P.Geo.
Vancouver, British Columbia
January 2004

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

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APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Stewart Harris (Project Geologist)
2705 East 47th Avenue
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V5S 1C2

Tim Sullivan (Prospector)
Box 579
Hazelton, B.C.
V0J 1Y0

Ben Cole (Field Assistant)
83 Walnut Crescent
Whitehorse, Y.T.
Y1A 5C7

Dan Hombert (Field Assistant)
#1 – 1303 Elm Street
Whitehorse, Y.T.
Y1A 5C7

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
FLUME-TEN PROPERTY
TEN 1- 72, 79, and 85-90 Claims
January 22, 2004

CANADA) In the matter of an evaluation program on the FLUME-TEN Property

I, Stewart Harris, of Equity Engineering Ltd., 700, 700 West Pender Street, Vancouver, B.C. do solemnly declare that a program consisting of geological mapping, prospecting and soil sampling was carried out on the TEN 52, 58, 65, 66, 68, 79, and 85-90 Mineral Claims from September 16th to 25th, 2003. The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

see table on following page

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the)
Province of British Columbia this)
11th day of March, 2004)

PROFESSIONAL GEOSCIENTIST — A. S. HARRIS — PROVINCE OF BRITISH COLUMBIA

S. Harris

Notary Public for the Province of British Columbia

PROFESSIONAL FEES AND WAGES:

Stewart Harris, P.Geo.			
	21.32 days @ $460/day	$	9,807.20
Tim Sullivan, Prospector			
	11 days @ $300/day		3,300.00
Ben Cole, Sampler			
	9 days @ $225/day		2,025.00
Dan Hombert, Sampler			
	9 days @ $225/day		2,025.00
Clerical			
	5.75 hours @ $25/hour		143.75
		$	17,300.95

EQUIPMENT RENTALS:

Chainsaw			
	3 days @ $15/day		45.00
Fly Camp			
	28 days @ $25/man-day		700.00
Generator (1kVA)			
	7 days @ $10/day		70.00
Pentium Computer			
	4 days @ $15/day		60.00
		$	875.00

EXPENSES:

Accommodation	$	505.00
Airfare		192.43
Automotive Fuel		165.88
Bulk Fuel		37.47
Camp Food		823.02
Chemical Analyses		2,507.50
Courier		38.32
Drafting		225.00
Ferries and Barges		1,833.00
Field Consumables		146.46
Freight		947.78
Helicopter Charters		4,753.37
Maps and Publications		58.86
Materials and Supplies		110.86
Meals		451.44
Printing and Reproductions		323.92
Radio Rental		215.01
Satellite Phone Rental		467.29
Telephone Distance Charges		108.70
Truck Rental (Non-Equity)		1,092.47
	$	15,003.78

SUB-TOTAL:	$	33,179.73

PROJECT SUPERVISION:			
12% on 1st $100,000		$ 3,981.57	
10% on next $400,000		$ -	
8% on next $1,500,000		$ -	
6% on balance of sub-total		$ -	
			$ 3,981.57
REPORT:	(estimated)		$ 2,000.00
SUB-TOTAL:			$ 39,161.30
G.S.T.:	(7% on sub-total)		$ 2,741.29
TOTAL:			$ 41,902.59

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

CB	carbonate	CL	chlorite	GE	Goethite
HE	Hematite	HS	specularite	JA	jarosite
MN	Mn-Oxides	PY	Pyrite	QZ	Quartz

ALTERATION INTENSITY

m	Moderate	s	Strong	tr	trace
vs	very strong	w	Weak		

Rock Sample Descriptions

Project Name: Flume/Ten **Project:** FEX03-01 **NTS:** 115N/8,9, 115O/5,12

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134901	UTM 7041365	N	UTM	E	Strike Length Exp:	Metallics:	<34	<.4	11	<5
Ten	Elevation:		Sample Width:		True Width:	Secondaries: mGE	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
					Host : Quartz vein		4	<4	<2	5

Sampled By: TS 19-Sep-03 — Folioform quartz vein in mica-quartz schist. Occasional fine black mineral. Located right on the 10000E base line, just above the creek on the southeast side.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sCL, sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134902	UTM 7041324	N	UTM	E	Strike Length Exp:	Metallics: <1%PY	<34	<.4	6	<5
Ten	Elevation:		Sample Width:		True Width:	Secondaries: wGE, wHE	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
					Host : Chlorite schist		55	25	3	11

Sampled By: TS 19-Sep-03 — Angular boulder at surface in small gully, near the headwater of Donavan Creek.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134903	UTM 7041284	N	UTM	E	Strike Length Exp: 4 m	Metallics: ?HS, <1%PY	<34	<.4	<2	<5
Ten	Elevation:		Sample Width: 5	cm	True Width: 5 cm	Secondaries: wGE, wJA	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
					Host : Mica quartz schist		13	37	3	17

Sampled By: TS 19-Sep-03 — Mica quartz schist with sporadic cubes of pyrite. Located on northwest slope of drainage directly across from 134902 in schist.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: CB	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134904	UTM 7040937	N	UTM 550584	E	Strike Length Exp:	Metallics: 1%PY	<34	1.3	184	<5
Ten	Elevation: 1059	m	Sample Width:		True Width:	Secondaries: wGE, mJA, mMN	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
					Host : Schist		7	416	<2	19

Sampled By: TS 20-Sep-03 — Small zone of schist with coarse-grained carbonate vein in large felsenmeer pile. Above main tree line, 5 m. south of line 74N/9525E. Some fine dark mineral throughout.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134905	UTM 7041218	N	UTM 549917	E	Strike Length Exp:	Metallics: <1%PY	<34	<.4	4	<5
Ten	Elevation:		Sample Width:		True Width:	Secondaries: mGE	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
					Host : Mica quartz schist		28	<4	<2	13

Sampled By: TS 20-Sep-03 — Small outcrop on steep slope of north side of line 80N.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134906	UTM 7040134	N	UTM 551926	E	Strike Length Exp:	Metallics: trPY	<34	<.4	<2	<5
Ten	Elevation:		Sample Width: 5	cm	True Width: 5 cm	Secondaries: sGE, mHE, mMN	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
					Host : Quartz monzonite		10	4	<2	37

Sampled By: TS 21-Sep-03 — Quartz vein in quartz monzonite at old showing.

Rock Sample Descriptions

Project Name: Flume/Ten **Project:** FEX03-01 **NTS:** 115N/8,9, 115O/5,12

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134907	UTM 7040139 N	UTM 551901 E	Strike Length Exp:	Metallics: trPY	44	<.4	2	<5
Ten	Elevation:	Sample Width:	True Width:	Secondaries: sGE, mHE, mMN	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
			Host : Quartz monzonite		3	50	2	107

Sampled By: TS 21-Sep-03 — Looks like old trench here. Right next to 185422 and 06864. Quartz vein in quartz monzonite.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134908	UTM 7040083 N	UTM 551467 E	Strike Length Exp:	Metallics: trPY	<34	<.4	<2	<5
Ten	Elevation:	Sample Width:	True Width:	Secondaries: mGE, mHE	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
			Host : Quartz monzonite		<1	5	<2	23

Sampled By: TS 21-Sep-03 — Quartz monzonite with quartz veinlet in large felsenmeer field.

Sample Number:	Grid North: N	Grid East: E	Type: Grab	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134909	UTM 7038732 N	UTM 552490 E	Strike Length Exp: 3 m	Metallics: trGL, <1%PY	3322	0.6	9	<5
Ten	Elevation:	Sample Width: 15 cm	True Width: 15 cm	Secondaries: sGE, mHE, wJA	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
	Vein 110°/68°		Host : Quartz monzonite		2	718	199	34

Sampled By: TS 22-Sep-03 — Spotty galena and pyrite in quartz vein in quartz monzonite. On east side of large talus slope, just east of old posts (10 m) at Galena Creek showing.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134910	UTM 7038654 N	UTM 552573 E	Strike Length Exp:	Metallics: 0.3%HS, trPY	<34	<.4	<2	<5
Ten	Elevation:	Sample Width:	True Width:	Secondaries: mGE, sHE, sMN	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
			Host : Quartz monzonite		<1	8	5	11

Sampled By: TS 22-Sep-03 — Float found just below vein in outcrop sample 134911.

Sample Number:	Grid North: N	Grid East: E	Type: Grab	Alteration: mQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
134911	UTM 7038654 N	UTM 552573 E	Strike Length Exp: 15 m	Metallics: 1%HS	45	<.4	<2	<5
Ten	Elevation:	Sample Width: 10 cm	True Width:	Secondaries: mGE, wHE, wMN	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
	Vein 268°/66° N		Host : Quartz monzonite		<1	39	<2	24

Sampled By: TS 22-Sep-03 — Outcrop above sample 134910. Quartz vein with specularite in quartz monzonite.

Sample Number:	Grid North: N	Grid East: E	Type: Select	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185413	UTM 7041487 N	UTM 550771 E	Strike Length Exp: 15 m	Metallics:	<34	<.4	15	<5
Ten	Elevation: 880 m	Sample Width: 1.5 m	True Width: 1.5 m	Secondaries: wGE	**Cu (ppm)**	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
	Vein 349°/57° NE		Host : Mica-quartz schist		9	<4	<2	23

Sampled By: SH 19-Sep-03 — Select sample of 1-10 cm thick foliation-parallel quartz veins in mica-quartz schist.

Rock Sample Descriptions

Project Name: Flume/Ten **Project:** FEX03-01 **NTS:** 115N/8,9, 115O/5,12

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185414	UTM 7041516 N	UTM 550550 E	Strike Length Exp:	Metallics:	83	<.4	96	<5
Ten	Elevation: 962 m	Sample Width:	True Width:	Secondaries: w-mGE, wJA	Cu (ppm)	Pb (ppm)	W (ppm)	Zn (ppm)
			Host: Mica-quartz schist		3	4	<2	15

Sampled By: SH 19-Sep-03

Subcrop at L78+00N 99+00E. Quartz veining with fine-grained dark grey sulphide. Local hairline quartz stringers.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185415	UTM 7041462 N	UTM 550493 E	Strike Length Exp:	Metallics:	<34	<.4	424	<5
Ten	Elevation: 970 m	Sample Width:	True Width:	Secondaries: w-mGE, trJA	Cu (ppm)	Pb (ppm)	W (ppm)	Zn (ppm)
			Host: Psammite		19	23	<2	57

Sampled By: SH 19-Sep-03

Subcrop along L 78+00N. Quartz-mica schist with goethite and jarosite boxworks.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: mQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185416	UTM 7041401 N	UTM 550353 E	Strike Length Exp:	Metallics:	<34	<.4	8	6
Ten	Elevation: 989 m	Sample Width:	True Width:	Secondaries:	Cu (ppm)	Pb (ppm)	W (ppm)	Zn (ppm)
			Host: Actinolite schist		10	5	8	21

Sampled By: SH 19-Sep-03

Subcrop at L79+00N 76+75E. Variably weathered actinolite schist. Minor quartz-phyric felsic intrusive (aplite?) and vitreous quartz vein fragments.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: w-mQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185417	UTM 7041468 N	UTM 550224 E	Strike Length Exp:	Metallics:	134	<.4	646	<5
Ten	Elevation: 1017 m	Sample Width:	True Width:	Secondaries: w-mGE, wJA	Cu (ppm)	Pb (ppm)	W (ppm)	Zn (ppm)
			Host: Biotite quartz monzonite / Mica-quartz schist		13	11	<2	28

Sampled By: SH 20-Sep-03

Subcrop at L80+00N 96+50E. Biotite quartz monzonite and mica-quartz schist with cross-cutting quartz veinlets and goethite and jarosite boxworks.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185418	UTM 7041426 N	UTM 550186 E	Strike Length Exp:	Metallics: trPY	<34	<.4	327	<5
Ten	Elevation: 989 m	Sample Width:	True Width:	Secondaries: wGE	Cu (ppm)	Pb (ppm)	W (ppm)	Zn (ppm)
			Host: Biotite quartz monzonite		4	7	<2	17

Sampled By: SH 20-Sep-03

Subcrop at L80+00N 96+00E. Biotite quartz monzonite with hairline quartz stringers and trace pyrite.

Sample Number:	Grid North: N	Grid East: E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
185419	UTM 7041348 N	UTM 550130 E	Strike Length Exp:	Metallics:	<34	<.4	19	<5
Ten	Elevation: 1000 m	Sample Width: 8 cm	True Width: 8 cm	Secondaries: wGE	Cu (ppm)	Pb (ppm)	W (ppm)	Zn (ppm)
			Host: Quartz vein		17	<4	<2	11

Sampled By: SH 20-Sep-03

Weakly gossanous, coarsely crystalline, watery quartz vein in subcrop at break in slope. Probably folioform.

Rock Sample Descriptions

Project Name: Flume/Ten **Project:** FEX03-01 **NTS:** 115N/8,9, 115O/5,12

Sample Number: **185420** **Ten**

Grid North: N Grid East: E
UTM 7041226 N UTM 550179 E
Elevation: 1040 m Sample Width:

Type: Float
Strike Length Exp:
True Width:
Host : Quartz monzonite

Alteration: wQZ
Metallics:
Secondaries: w-mGE

Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
<34	<.4	106	<5
Cu (ppm)	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
<1	12	<2	22

Sampled By: SH 20-Sep-03

Subcrop at L79N 97+50E. Oxidized (weathering) quartz monzonite with minor quartz veinlets.

Sample Number: **185421** **Ten**

Grid North: N Grid East: E
UTM 7041278 N UTM 550199 E
Elevation: 1023 m Sample Width:

Type: Float
Strike Length Exp:
True Width:
Host : Quartz monzonite

Alteration: ?QZ
Metallics:
Secondaries: w-mGE

Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
62	<.4	249	<5
Cu (ppm)	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
3	17	<2	6

Sampled By: SH 20-Sep-03

Rock fragments approximately at L79N 95+00E. Coarse-grained biotite ± hornblende quartz monzonite with probable quartz stringers.

Sample Number: **185422** **Ten**

Grid North: N Grid East: E
UTM 7040134 N UTM 551926 E
Elevation: 1002 m Sample Width:

Type: Float
Strike Length Exp:
True Width:
Host : Quartz vein

Alteration: sQZ
Metallics: trPY
Secondaries: wGE

Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
<34	<.4	6	<5
Cu (ppm)	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
2	53	<2	133

Sampled By: SH 21-Sep-03

1.3 x 1.0 x 0.9m angular boulder at end of trench. Milky, locally, banded quartz with trace pyrite and local dark grey quartz.

Sample Number: **185423** **Ten**

Grid North: N Grid East: E
UTM N UTM E
Elevation: 1120 Sample Width:

Type: Float
Strike Length Exp:
True Width:
Host : Quartz monzonite

Alteration: q-mQZ
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
<34	<.4	<2	<5
Cu (ppm)	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
<1	<4	2	22

Sampled By: SH 21-Sep-03

Quartz monzonite boulder (angular) with a 5 mm quartz veinlet.

Sample Number: **185424** **Ten**

Grid North: N Grid East: E
UTM 7038719 N UTM 552508 E
Elevation: 775 m Sample Width:
Joint 250°/58° NW

Type: Grab
Strike Length Exp:
True Width:
Host : Quartz monzonite

Alteration: w-mQZ
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)
<34	<.4	<2	<5
Cu (ppm)	**Pb (ppm)**	**W (ppm)**	**Zn (ppm)**
<1	<4	3	21

Sampled By: SH 22-Sep-03

Grab sample with 3 mm milky quartz veinlet in quartz monzonite.

APPENDIX E.1

CERTIFICATES OF ANALYSIS – ROCK

teckcominco
Global Discovery Labs

EQUITY ENGINEERING-X03
134901-911/185413-424

Report date: 22 OCT 2003 Job V03-0605R

LAB NO	FIELD NUMBER	Au(4) g/t
R0314910	134901	<0.034
R0314911	134902	<0.034
R0314912	134903	<0.034
R0314913	134904	<0.034
R0314914	134905	<0.034
R0314915	134906	<0.034
R0314916	134907	0.044
R0314917	134908	<0.034
R0314918	134909	3.322
R0314919	134910	<0.034
R0314920	134911	0.045
R0314921	185413	<0.034
R0314922	185414	0.083
R0314923	185415	<0.034
R0314924	185416	<0.034
R0314925	185417	0.134
R0314926	185418	<0.034
R0314927	185419	<0.034
R0314928	185420	<0.034
R0314929	185421	0.062
R0314930	185422	<0.034
R0314931	185423	<0.034
R0314932	185424	<0.034

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS
Au(4) Fire Assay-Lead Collection/AA Finish (low level) 1 A.T.

teckcominco

Global Discovery Labs

EQUITY ENGINEERING-X03

134901-911/185413-424

Report date: 10 OCT 2003

Job V03-0605R

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
R0314910	134901	4	<4	5	<.4	11	6	<1	<1	4	0.25	<2	149	<5	<5	<2	<2	<2	2	<2	12	14	0.03	<.01	0.02	0.05	0.03	0.01	23
R0314911	134902	55	25	11	<.4	6	34	<1	10	64	0.69	<2	143	<5	<5	3	<2	3	20	<2	18	89	0.70	0.03	0.74	0.35	0.05	0.03	13
R0314912	134903	13	37	17	<.4	<2	50	<1	1	4	0.94	<2	75	<5	<5	<2	<2	3	14	10	23	96	0.06	0.01	0.19	0.09	0.08	0.09	18
R0314913	134904	7	416	19	1.3	184	688	<1	<1	4	0.77	6	143	<5	<5	50	<2	<2	70	6	35	25	0.09	0.01	0.25	0.08	0.11	0.14	766
R0314914	134905	28	<4	13	<.4	4	21	<1	6	13	1.04	<2	143	<5	<5	<2	<2	<2	2	<2	11	418	0.25	<.01	0.33	0.02	0.03	0.03	114
R0314915	134906	10	4	37	<.4	<2	86	<1	1	5	0.96	<2	190	<5	<5	<2	<2	<2	17	<2	6	381	0.03	<.01	0.04	0.34	0.04	0.02	38
R0314916	134907	3	50	107	<.4	2	32	<1	2	5	0.43	<2	185	<5	<5	<2	<2	2	2	<2	4	104	0.02	<.01	0.03	<.01	0.03	0.01	19
R0314917	134908	<1	5	23	<.4	<2	81	<1	1	4	0.73	<2	133	<5	<5	<2	<2	<2	17	<2	12	222	0.02	<.01	0.13	0.02	0.06	0.07	68
R0314918	134909	2	718	34	0.6	9	89	<1	1	5	0.67	<2	207	<5	<5	<2	<2	199	16	<2	9	50	0.02	<.01	0.05	<.01	0.03	0.04	30
R0314919	134910	<1	8	11	<.4	<2	203	<1	<1	3	0.43	<2	83	<5	<5	<2	<2	5	39	<2	16	111	0.03	<.01	0.15	0.08	0.06	0.10	91
R0314920	134911	<1	39	24	<.4	<2	120	<1	1	5	0.73	<2	135	<5	<5	<2	<2	<2	23	<2	10	209	0.08	<.01	0.27	0.09	0.04	0.07	83
R0314921	185413	9	<4	23	<.4	15	116	<1	3	15	0.63	<2	147	<5	<5	<2	<2	<2	5	<2	8	167	0.10	<.01	0.17	0.07	0.08	0.03	169
R0314922	185414	3	4	15	<.4	96	398	<1	2	7	1.10	2	130	<5	<5	<2	<2	<2	30	<2	22	60	0.03	<.01	0.12	<.01	0.09	0.17	217
R0314923	185415	19	23	57	<.4	424	1215	1	1	12	1.33	4	150	<5	<5	7	<2	<2	38	3	15	39	0.04	<.01	0.21	0.06	0.09	0.13	1197
R0314924	185416	10	5	21	<.4	8	34	<1	15	285	1.74	<2	567	6	<5	6	<2	8	15	<2	11	256	3.28	0.02	0.39	0.10	0.04	0.05	176
R0314925	185417	13	11	28	<.4	646	199	1	2	12	1.33	<2	150	<5	<5	6	<2	<2	52	2	26	43	0.04	<.01	0.21	0.04	0.10	0.10	415
R0314926	185418	4	7	17	<.4	327	68	<1	1	5	0.90	<2	113	<5	<5	<2	<2	<2	13	2	13	84	0.03	<.01	0.22	0.01	0.05	0.10	116
R0314927	185419	17	<4	11	<.4	19	40	<1	4	12	0.74	<2	167	<5	<5	<2	<2	<2	<2	<2	10	70	0.08	<.01	0.22	0.01	0.03	0.07	69
R0314928	185420	<1	12	22	<.4	106	35	<1	1	3	0.72	<2	93	<5	<5	<2	<2	<2	6	2	18	102	0.04	<.01	0.22	0.01	0.07	0.07	64
R0314929	185421	3	17	6	<.4	249	37	<1	1	5	0.71	<2	92	<5	<5	<2	<2	<2	8	2	28	70	0.03	<.01	0.13	0.03	0.10	0.03	171
R0314930	185422	2	53	133	<.4	6	104	1	1	5	0.81	<2	171	<5	<5	<2	<2	<2	7	<2	9	34	0.02	<.01	0.04	<.01	0.03	0.02	25
R0314931	185423	<1	<4	22	<.4	<2	65	<1	1	4	1.01	<2	94	<5	<5	9	<2	2	14	<2	10	182	0.10	<.01	0.34	0.01	0.05	0.09	123
R0314932	185424	<1	<4	21	<.4	<2	141	<1	1	3	0.70	<2	73	<5	<5	13	<2	3	76	<2	10	180	0.10	<.01	0.26	0.24	0.06	0.10	113

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised

If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

ICP PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

Teck Cominco Ltd.

Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

APPENDIX E.2

CERTIFICATES OF ANALYSIS – SOIL

teckcominco
Global Discovery Labs

EQUITY ENGINEERING-X03
L7400N/7600N/7800N/7900N

Report date: 24 OCT 2003 Job V03-0608S

LAB NO	FIELD NUMBER	Au(5) ppb
S0307039	L7400N 8800E	2
S0307040	L7400N 8825E	2
S0307041	L7400N 8850E	8
S0307042	L7400N 8875E	3
S0307043	L7400N 8900E	11
S0307044	L7400N 8925E	7
S0307045	L7400N 8950E	3
S0307046	L7400N 8975E	4
S0307047	L7400N 9000E	4
S0307048	L7400N 9025E	5
S0307049	L7400N 9050E	5
S0307050	L7400N 9075E	5
S0307051	L7400N 9100E	7
S0307052	L7400N 9125E	4
S0307053	L7400N 9150E	4
S0307054	L7400N 9175E	5
S0307055	L7400N 9200E	5
S0307056	L7400N 9225E	5
S0307057	L7400N 9250E	5
S0307058	L7400N 9275E	5
S0307059	L7400N 9300E	7
S0307060	L7400N 9325E	8
S0307061	L7400N 9350E	8
S0307062	L7400N 9375E	6
S0307063	L7400N 9400E	7
S0307064	L7400N 9425E	57
S0307065	L7400N 9450E	73
S0307066	L7400N 9475E	23
S0307067	L7400N 9500E	26
S0307068	L7400N 9525E	42
S0307069	L7400N 9300A	6
S0307070	L7400N 10025E	20
S0307071	L7400N 10050E	18
S0307072	L7400N 10075E	14
S0307073	L7400N 10100E	16
S0307074	L7400N 10125E	11
S0307075	L7400N 10150E	17
S0307076	L7400N 10175E	24
S0307077	L7400N 10200E	10
S0307078	L7400N 10225E	13
S0307079	L7400N 10250E	11
S0307080	L7400N 10275E	13
S0307081	L7400N 10300E	9
S0307082	L7400N 10325E	9
S0307083	L7400N 10350E	5
S0307084	L7400N 10375E	14
S0307085	L7400N 10400E	7
S0307086	L7400N 10425E	71
S0307087	L7600N 10025E	39
S0307088	L7600N 10050E	33

LAB NO	FIELD NUMBER	Au(5) ppb
S0307089	L7600N 10075E	12
S0307090	L7600N 10100E	10
S0307091	L7600N 10125E	11
S0307092	L7600N 10150E	188
S0307093	L7600N 10175E	186
S0307094	L7600N 10200E	27
S0307095	L7600N 10225E	19
S0307096	L7600N 10250E	6
S0307097	L7600N 10275E	6
S0307098	L7600N 10300E	6
S0307099	L7600N 10325E	7
S0307100	L7600N 10350E	4
S0307101	L7600N 10375E	7
S0307102	L7600N 10400E	4
S0307103	L7600N 10425E	15
S0307104	L7600N 10450E	16
S0307105	L7600N 10250A	21
S0307106	L7800N 10025E	8
S0307107	L7800N 10050E	5
S0307108	L7800N 10075E	5
S0307109	L7800N 10100E	23
S0307110	L7800N 10125E	3
S0307111	L7800N 10150E	2
S0307112	L7800N 10175E	6
S0307113	L7800N 10200E	16
S0307114	L7800N 10225E	18
S0307115	L7800N 10250E	24
S0307116	L7800N 10275E	20
S0307117	L7800N 10300E	6
S0307118	L7800N 10325E	21
S0307119	L7800N 10350E	3
S0307120	L7800N 10375E	16
S0307121	L7800N 10400E	9
S0307122	L7800N 10425E	12
S0307123	L7800N 10450E	6
S0307124	L7800N 10150A	3
S0307125	L7900N 10025E	2
S0307126	L7900N 10050E	14
S0307127	L7900N 10075E	4
S0307128	L7900N 10100E	7
S0307129	L7900N 10125E	5
S0307130	L7900N 10150E	32
S0307131	L7900N 10175E	8
S0307132	L7900N 10200E	6
S0307133	L7900N 10225E	5
S0307134	L7900N 10250E	6
S0307135	L7900N 10275E	9
S0307136	L7900N 10300E	7
S0307137	L7900N 10325E	6
S0307138	L7900N 10350E	7
S0307139	L7900N 10375E	3
S0307140	L7900N 10400E	11
S0307141	L7900N 10425E	4
S0307142	L7900N 10450E	3
S0307143	L7900N 10325B	5

Report date: 24 OCT 2003 Job V03-0608S

LAB NO	FIELD NUMBER	Au(5) ppb

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS
Au(5) Fire Assay-Lead Collection/Graphite Furnace

teckcominco

Global Discovery Labs

EQUITY ENGINEERING-X03

L7400N/7600N/7800N/7900N

Report date: 12 NOV 2003

Job V03-0608S

LAB NO	FIELD NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm
S0307039	L7400N 8800E	1.0	10.6	18.6	104	0.2	12.5	6.7	877	2.60	24.2	0.3	1.1	1.2	14	0.3	0.4	0.2
S0307040	L7400N 8825E	0.5	16.6	5.8	33	0.1	9.0	3.2	263	1.20	2.8	0.3	1.0	0.7	16	0.3	0.2	0.2
S0307041	L7400N 8850E	0.7	10.9	12.1	57	0.1	10.7	5.8	1193	1.72	33.9	0.7	3.9	1.3	20	0.2	0.3	0.1
S0307042	L7400N 8875E	0.8	9.9	16.8	43	0.1	18.5	7.9	774	2.38	28.2	0.4	< .5	2.9	31	0.1	0.3	0.2
S0307043	L7400N 8900E	0.8	14.5	31.8	57	0.1	21.5	8.6	828	2.59	52.7	0.6	1.1	3.8	33	0.2	0.5	0.2
S0307044	L7400N 8925E	0.9	9.6	25.0	42	0.2	19.2	10.0	715	2.11	22.6	0.4	< .5	3.3	25	0.2	0.3	0.2
S0307045	L7400N 8950E	0.8	10.0	15.1	70	0.4	20.1	12.0	1000	2.40	27.3	0.4	< .5	2.4	30	0.5	0.4	0.2
S0307046	L7400N 8975E	1.0	13.7	15.3	50	0.2	16.4	13.1	999	2.37	24.8	0.5	2.2	2.4	28	0.2	0.4	0.2
S0307047	L7400N 9000E	1.3	14.5	19.7	54	0.3	16.7	17.8	2043	2.42	27.5	0.8	5.0	2.4	24	0.2	0.4	0.2
S0307048	L7400N 9025E	1.2	21.0	24.3	78	0.2	22.5	12.4	988	2.71	44.2	1.1	12.0	2.3	31	0.5	0.5	0.2
S0307049	L7400N 9050E	1.2	20.5	20.9	71	0.2	22.0	11.9	978	2.63	45.0	1.1	2.4	1.7	28	0.2	0.4	0.2
S0307050	L7400N 9075E	1.3	15.4	17.7	57	0.2	16.2	9.0	568	2.35	42.9	0.9	3.0	2.6	17	0.2	0.4	0.2
S0307051	L7400N 9100E	1.9	34.2	35.9	76	0.5	25.7	26.7	1936	3.57	64.1	1.8	6.3	1.6	27	0.5	0.5	0.3
S0307052	L7400N 9125E	1.2	19.6	20.6	64	0.2	21.7	11.5	566	3.03	36.1	1.0	3.1	2.5	18	0.2	0.5	0.2
S0307053	L7400N 9150E	1.3	20.7	19.4	57	0.2	18.8	8.5	367	2.60	21.9	0.9	2.7	2.1	19	0.2	0.4	0.2
S0307054	L7400N 9175E	1.2	27.6	17.0	57	0.3	21.3	8.2	238	2.71	21.5	1.2	2.5	2.7	19	0.2	0.5	0.2
S0307055	L7400N 9200E	1.4	21.7	17.0	60	0.3	22.5	9.9	324	2.96	31.0	0.9	5.5	2.2	20	0.2	0.5	0.2
S0307056	L7400N 9225E	1.3	19.2	18.0	61	0.1	20.7	8.0	258	2.84	31.6	0.7	3.1	2.5	16	0.2	0.6	0.2
S0307057	L7400N 9250E	1.2	19.6	18.5	62	0.2	19.2	8.8	252	2.65	24.7	0.7	2.1	1.8	17	0.2	0.5	0.2
S0307058	L7400N 9275E	1.6	20.8	20.0	67	0.1	25.4	10.3	350	3.66	38.9	0.6	3.0	3.5	20	0.2	0.6	0.2
S0307059	L7400N 9300E	1.7	19.5	18.3	64	0.1	23.0	10.5	424	3.52	45.7	0.7	4.1	1.8	16	0.2	0.6	0.2
S0307060	L7400N 9325E	1.0	22.5	18.0	56	0.1	22.0	8.6	286	2.62	26.1	0.9	4.1	3.8	20	0.1	0.5	0.2
S0307061	L7400N 9350E	1.0	20.4	21.1	56	< .1	20.2	6.9	220	2.57	54.7	0.6	4.6	3.4	16	0.1	0.6	0.2
S0307062	L7400N 9375E	0.6	25.2	17.1	57	< .1	23.1	9.0	274	2.59	33.7	1.1	6.0	3.9	20	0.1	0.5	0.1
S0307063	L7400N 9400E	0.9	21.1	20.8	57	0.1	21.7	7.6	260	2.68	42.6	0.8	5.6	3.5	19	0.1	0.5	0.2
S0307064	L7400N 9425E	0.7	23.6	38.3	63	0.1	20.9	7.2	309	2.20	240.4	0.9	43.6	3.7	27	0.1	0.6	0.1
S0307065	L7400N 9450E	0.8	24.0	41.9	63	0.1	20.0	8.0	320	2.38	219.3	1.0	64.1	3.7	23	0.1	0.6	0.2
S0307066	L7400N 9475E	0.8	23.8	26.6	60	< .1	21.0	7.3	265	2.23	90.5	1.2	14.8	3.3	20	0.2	0.5	0.1
S0307067	L7400N 9500E	1.1	24.1	27.5	72	0.1	21.0	8.2	375	2.49	146.5	1.0	22.8	2.3	19	0.2	0.5	0.2
S0307068	L7400N 9525E	1.0	16.7	30.8	67	0.1	19.1	6.0	215	2.57	237.7	0.6	24.7	3.3	13	0.2	0.7	0.2
S0307069	L7400N 9300A	1.5	21.5	19.4	60	0.1	21.0	10.2	348	2.90	42.8	1.0	3.8	3.7	18	0.2	0.5	0.2
S0307070	L7400N 10025E	0.6	16.2	23.8	50	0.2	14.6	4.6	107	1.93	126.6	1.1	25.5	1.5	14	0.1	0.3	0.2
S0307071	L7400N 10050E	0.8	19.3	22.9	57	0.2	17.1	5.9	153	2.38	160.4	1.2	15.8	1.8	14	0.1	0.4	0.2
S0307072	L7400N 10075E	0.9	33.8	26.4	70	0.2	17.5	14.8	859	2.86	226.8	1.0	14.7	2.6	17	0.2	0.5	0.2
S0307073	L7400N 10100E	0.7	20.1	28.7	66	0.1	20.0	8.6	363	2.30	165.0	1.0	14.1	4.5	14	0.2	0.6	0.2

LAB NO	FIELD NUMBER	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
S0307039	L7400N 8800E	57	0.10	0.043	7	21.3	0.21	210	0.038	< 1	1.58	0.007	0.04	0.1	0.04	2.0	0.1	< .05	7	< .5
S0307040	L7400N 8825E	33	0.08	0.089	20	14.1	0.07	233	0.042	2	0.66	0.018	0.03	0.1	0.02	1.9	0.1	< .05	4	< .5
S0307041	L7400N 8850E	34	0.11	0.036	12	13.0	0.21	203	0.021	1	1.26	0.009	0.04	0.1	0.03	2.3	0.1	< .05	5	< .5
S0307042	L7400N 8875E	55	0.25	0.024	9	26.4	0.34	321	0.036	1	1.76	0.009	0.05	0.1	0.02	2.4	0.1	< .05	6	< .5
S0307043	L7400N 8900E	51	0.27	0.033	12	27.2	0.38	379	0.031	2	1.73	0.009	0.06	0.1	0.03	3.1	0.1	< .05	5	< .5
S0307044	L7400N 8925E	52	0.23	0.020	11	21.8	0.31	478	0.038	1	1.36	0.010	0.07	0.1	0.02	2.6	0.1	< .05	5	< .5
S0307045	L7400N 8950E	56	0.25	0.034	10	25.8	0.41	431	0.039	2	1.57	0.010	0.08	0.1	0.02	2.6	0.1	< .05	6	< .5
S0307046	L7400N 8975E	61	0.25	0.027	9	26.1	0.45	445	0.052	1	1.57	0.013	0.07	0.1	0.02	3.5	0.1	< .05	6	< .5
S0307047	L7400N 9000E	60	0.19	0.032	11	24.6	0.34	521	0.055	1	1.36	0.012	0.05	0.1	0.02	3.2	0.1	< .05	7	< .5
S0307048	L7400N 9025E	66	0.24	0.075	14	32.5	0.48	731	0.053	1	1.76	0.011	0.07	0.1	0.03	3.4	0.1	< .05	7	< .5
S0307049	L7400N 9050E	59	0.22	0.062	13	31.5	0.54	466	0.049	2	1.77	0.014	0.07	0.1	0.02	3.0	0.1	< .05	6	< .5
S0307050	L7400N 9075E	57	0.15	0.040	14	27.6	0.39	318	0.051	8	1.32	0.009	0.05	0.1	0.03	2.9	0.1	< .05	6	< .5
S0307051	L7400N 9100E	78	0.19	0.093	13	39.4	0.49	618	0.048	< 1	2.22	0.012	0.07	0.1	0.04	4.3	0.1	< .05	8	0.5
S0307052	L7400N 9125E	71	0.16	0.056	12	40.1	0.55	341	0.062	2	2.19	0.011	0.06	0.1	0.03	3.7	0.1	< .05	7	< .5
S0307053	L7400N 9150E	65	0.16	0.046	11	35.8	0.49	350	0.062	2	1.98	0.012	0.05	0.1	0.03	3.8	0.1	< .05	7	< .5
S0307054	L7400N 9175E	62	0.17	0.041	15	35.4	0.48	393	0.059	1	2.02	0.013	0.05	0.1	0.03	4.7	0.1	< .05	6	0.6
S0307055	L7400N 9200E	71	0.17	0.039	13	36.0	0.55	370	0.059	1	2.06	0.009	0.04	0.1	0.03	3.8	0.1	< .05	6	< .5
S0307056	L7400N 9225E	74	0.14	0.043	12	35.2	0.56	292	0.073	3	2.09	0.010	0.04	0.1	0.03	3.5	0.1	< .05	7	< .5
S0307057	L7400N 9250E	67	0.15	0.068	10	33.1	0.52	278	0.065	1	1.92	0.013	0.05	0.1	0.02	3.4	0.1	< .05	7	< .5
S0307058	L7400N 9275E	87	0.19	0.042	12	44.4	0.67	301	0.078	1	2.78	0.010	0.05	0.1	0.03	4.2	0.1	< .05	7	< .5
S0307059	L7400N 9300E	85	0.16	0.050	10	40.9	0.57	290	0.071	< 1	2.36	0.008	0.05	0.1	0.03	3.7	0.1	< .05	7	< .5
S0307060	L7400N 9325E	66	0.21	0.029	14	37.9	0.65	309	0.075	2	1.90	0.013	0.04	0.1	0.02	4.8	0.1	< .05	5	< .5
S0307061	L7400N 9350E	68	0.16	0.025	13	32.3	0.53	172	0.076	< 1	1.68	0.012	0.05	0.1	0.02	3.6	0.1	< .05	6	< .5
S0307062	L7400N 9375E	60	0.24	0.028	18	36.4	0.62	290	0.072	< 1	1.76	0.010	0.04	0.1	0.02	4.5	0.1	< .05	5	< .5
S0307063	L7400N 9400E	63	0.21	0.033	14	34.8	0.54	230	0.073	< 1	1.77	0.010	0.05	0.1	0.02	3.9	0.1	< .05	5	< .5
S0307064	L7400N 9425E	49	0.29	0.049	17	29.3	0.51	378	0.068	< 1	1.34	0.018	0.04	0.2	0.02	3.8	0.1	< .05	4	< .5
S0307065	L7400N 9450E	57	0.25	0.048	17	32.7	0.52	486	0.068	1	1.45	0.010	0.05	0.2	0.02	4.2	0.1	< .05	5	0.5
S0307066	L7400N 9475E	55	0.22	0.039	16	30.7	0.50	466	0.063	< 1	1.60	0.012	0.04	0.2	0.02	4.3	0.1	< .05	5	< .5
S0307067	L7400N 9500E	58	0.20	0.050	13	30.9	0.46	287	0.060	< 1	1.63	0.010	0.05	0.2	0.03	3.1	0.1	< .05	5	< .5
S0307068	L7400N 9525E	60	0.14	0.038	13	26.3	0.37	109	0.073	1	1.46	0.008	0.04	0.2	0.02	2.5	0.1	< .05	5	< .5
S0307069	L7400N 9300A	71	0.19	0.034	13	37.6	0.58	257	0.078	2	1.82	0.011	0.05	0.1	0.01	4.4	0.1	< .05	6	< .5
S0307070	L7400N 10025E	40	0.15	0.048	12	25.8	0.43	126	0.039	1	1.39	0.009	0.04	0.2	0.04	2.4	0.1	< .05	4	< .5
S0307071	L7400N 10050E	55	0.14	0.054	13	30.4	0.47	136	0.047	1	1.44	0.010	0.04	0.3	0.04	2.8	0.1	< .05	5	< .5
S0307072	L7400N 10075E	78	0.21	0.065	11	29.7	0.67	180	0.068	2	1.57	0.007	0.15	0.2	0.03	3.6	0.2	0.07	6	< .5
S0307073	L7400N 10100E	51	0.17	0.049	16	28.2	0.46	120	0.045	1	1.26	0.007	0.06	0.2	0.02	2.6	0.1	< .05	5	0.5

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Report date: 12 NOV 2003 — Job V03-0608S

LAB NO	FIELD NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
S0307074	L7400N 10125E	0.9	19.2	24.2	61	0.1	23.3	9.9	486	2.34	144.4	0.9	31.3	2.2	16	0.2	0.5	0.2	65	0.14	0.038	14	42.1	0.48	121	0.047	< 1	1.29	0.007	0.05	0.2	0.03	2.4	0.1	< .05	5	< .5
S0307075	L7400N 10150E	0.7	13.5	14.4	43	0.1	15.6	4.0	95	1.63	83.7	0.9	10.0	1.4	12	0.1	0.3	0.1	33	0.11	0.038	13	29.7	0.38	105	0.034	2	1.11	0.006	0.04	0.1	0.06	2.1	0.1	< .05	4	0.5
S0307076	L7400N 10175E	0.7	17.4	17.3	52	0.2	15.6	4.2	105	2.15	131.6	1.2	14.9	1.7	12	0.2	0.5	0.2	43	0.13	0.047	13	27.3	0.36	157	0.033	< 1	1.14	0.007	0.04	0.2	0.04	2.3	0.1	< .05	4	0.6
S0307077	L7400N 10200E	0.7	15.0	13.1	43	0.2	13.6	3.5	87	1.72	88.5	0.9	6.0	1.0	14	0.1	0.4	0.2	29	0.14	0.049	10	23.2	0.29	135	0.032	< 1	1.02	0.006	0.04	0.1	0.04	1.9	0.1	0.08	4	0.6
S0307078	L7400N 10225E	0.6	11.8	10.9	33	0.1	10.8	2.8	81	1.36	115.3	0.8	7.1	1.1	13	0.1	0.3	0.1	26	0.12	0.034	11	22.2	0.31	131	0.033	1	0.95	0.006	0.04	0.2	0.03	1.8	0.1	< .05	4	0.5
S0307079	L7400N 10250E	0.9	15.0	16.7	57	0.2	15.4	5.9	177	1.90	111.7	0.7	6.5	1.6	15	0.2	0.5	0.2	48	0.15	0.045	12	59.5	0.45	145	0.037	1	1.19	0.009	0.05	0.1	0.04	2.3	0.1	0.06	4	0.5
S0307080	L7400N 10275E	1.1	18.6	21.4	64	0.1	16.1	8.4	359	2.36	167.0	0.9	10.5	2.4	16	0.2	0.6	0.2	60	0.18	0.055	13	27.6	0.50	151	0.044	2	1.39	0.009	0.06	0.1	0.02	2.7	0.1	0.06	5	0.5
S0307081	L7400N 10300E	1.0	15.3	21.8	63	0.1	15.9	6.7	261	2.22	108.7	0.8	9.2	2.3	15	0.1	0.5	0.3	56	0.16	0.046	17	29.3	0.49	142	0.041	3	1.38	0.008	0.05	0.1	0.03	2.5	0.1	< .05	5	0.6
S0307082	L7400N 10325E	0.6	11.9	8.8	45	0.1	12.1	3.7	97	1.56	59.3	0.6	2.9	1.4	12	0.1	0.3	0.1	36	0.14	0.033	11	23.0	0.42	116	0.038	1	1.15	0.007	0.04	0.1	0.03	2.1	0.1	0.06	4	< .5
S0307083	L7400N 10350E	0.6	18.3	10.4	47	0.1	35.5	6.3	129	2.12	76.3	0.7	3.2	1.2	13	0.1	0.4	0.1	42	0.14	0.048	10	65.8	0.66	103	0.041	1	1.46	0.009	0.04	0.1	0.07	2.2	0.1	< .05	5	0.5
S0307084	L7400N 10375E	1.0	17.7	18.6	64	0.1	50.5	14.7	670	2.76	232.9	0.8	10.3	2.0	15	0.1	0.6	0.2	64	0.17	0.052	12	104.9	0.95	128	0.046	1	1.63	0.008	0.05	0.1	0.03	2.8	0.1	< .05	5	0.5
S0307085	L7400N 10400E	0.6	12.4	10.8	45	0.1	15.7	4.3	97	1.65	69.1	0.6	4.4	1.2	15	0.1	0.3	0.1	35	0.16	0.043	11	27.4	0.39	148	0.033	1	1.12	0.008	0.04	0.1	0.03	1.9	0.1	< .05	4	0.5
S0307086	L7400N 10425E	1.0	13.5	12.1	50	0.1	14.9	6.3	295	1.78	85.6	0.7	19.6	2.1	29	0.2	0.4	0.2	38	0.23	0.039	14	21.2	0.31	184	0.035	1	1.06	0.008	0.06	0.3	0.03	2.4	0.1	< .05	4	< .5
S0307087	L7600N 10025E	1.4	26.3	12.6	62	0.3	25.2	8.5	350	2.56	211.3	0.9	37.1	2.9	36	0.3	0.7	0.2	54	0.35	0.042	13	33.1	0.50	346	0.049	< 1	1.61	0.010	0.06	0.1	0.03	3.6	0.1	< .05	5	0.6
S0307088	L7600N 10050E	1.5	26.4	12.3	82	0.4	24.7	6.6	623	2.02	225.4	1.1	38.8	1.8	60	0.3	0.7	0.2	42	0.76	0.062	13	29.7	0.42	681	0.041	2	1.41	0.010	0.10	0.2	0.08	2.9	0.1	< .05	4	0.5
S0307089	L7600N 10075E	1.5	14.9	10.3	39	0.3	10.9	5.6	1176	1.40	96.0	0.5	6.4	0.7	35	0.3	0.4	0.2	39	0.37	0.039	10	14.8	0.16	370	0.035	2	0.85	0.010	0.08	0.1	0.06	1.7	0.1	< .05	5	< .5
S0307090	L7600N 10100E	1.2	12.6	11.9	49	0.1	11.9	4.7	392	2.16	118.5	0.3	4.8	1.1	17	0.3	0.5	0.2	53	0.20	0.037	10	21.7	0.25	157	0.047	1	1.53	0.009	0.06	0.1	0.03	2.2	0.1	< .05	6	< .5
S0307091	L7600N 10125E	1.4	12.9	12.6	48	0.1	12.8	5.0	333	2.26	129.4	0.4	7.6	1.4	16	0.3	0.5	0.2	56	0.18	0.039	10	23.9	0.33	164	0.049	2	1.71	0.009	0.06	0.2	0.02	2.5	0.1	< .05	6	< .5
S0307092	L7600N 10150E	1.3	26.7	12.7	52	0.5	24.5	7.5	265	2.93	476.6	1.6	144.8	3.9	87	0.2	0.9	0.3	42	0.52	0.053	19	31.7	0.45	562	0.039	1	2.02	0.016	0.09	0.2	0.05	6.5	0.1	0.15	5	0.6
S0307093	L7600N 10175E	1.0	22.7	12.1	47	0.4	20.3	6.6	212	2.59	552.5	1.4	174.2	4.4	73	0.2	0.9	0.3	37	0.43	0.041	18	25.6	0.45	461	0.041	1	1.60	0.017	0.10	0.1	0.04	5.4	0.1	0.13	5	0.6
S0307094	L7600N 10200E	1.1	18.4	9.1	45	0.2	19.3	8.4	370	2.49	22.3	0.8	17.2	2.4	66	0.2	0.5	0.2	50	0.47	0.046	11	25.9	0.40	318	0.039	< 1	1.79	0.011	0.05	0.1	0.04	4.2	0.1	< .05	5	< .5
S0307095	L7600N 10225E	0.9	20.4	8.5	42	0.3	21.3	6.4	195	2.29	20.1	0.9	10.7	2.5	71	0.2	0.4	0.2	44	0.47	0.043	13	29.1	0.40	314	0.034	1	1.82	0.012	0.04	0.1	0.06	5.5	0.1	< .05	5	0.5
S0307096	L7600N 10250E	1.2	12.0	9.3	48	0.1	16.9	8.4	329	2.65	17.4	0.5	2.7	3.2	24	0.1	0.4	0.2	56	0.16	0.027	13	28.4	0.45	234	0.058	1	1.93	0.011	0.06	0.1	0.01	3.3	0.1	< .05	6	< .5
S0307097	L7600N 10275E	1.1	12.2	9.8	50	0.1	16.5	9.4	356	2.69	18.6	0.5	1.8	3.3	23	0.1	0.4	0.2	58	0.17	0.025	13	28.9	0.49	247	0.056	1	2.03	0.010	0.06	0.1	0.02	3.4	0.1	< .05	6	< .5
S0307098	L7600N 10300E	1.0	10.6	7.7	36	0.1	10.6	4.8	186	1.88	11.5	0.4	0.8	2.6	40	0.1	0.4	0.2	46	0.31	0.021	11	20.4	0.32	140	0.055	2	1.11	0.011	0.06	0.1	0.01	2.4	0.1	< .05	5	< .5
S0307099	L7600N 10325E	0.9	18.8	7.8	45	0.2	17.0	5.8	215	2.25	13.4	1.4	12.4	1.6	110	0.2	0.4	0.2	40	0.69	0.082	13	26.2	0.34	357	0.029	< 1	1.80	0.011	0.04	0.2	0.06	4.8	0.1	0.08	5	0.6
S0307100	L7600N 10350E	0.8	18.7	6.7	37	0.2	14.9	4.8	132	2.01	9.7	1.2	3.3	2.6	60	0.1	0.3	0.2	40	0.39	0.038	16	24.6	0.32	341	0.038	< 1	1.72	0.011	0.05	0.1	0.05	4.8	0.1	< .05	5	< .5
S0307101	L7600N 10375E	0.9	19.2	9.1	56	0.2	20.1	8.5	347	2.76	18.4	1.1	5.3	3.9	63	0.2	0.4	0.2	49	0.39	0.047	18	29.1	0.43	355	0.047	< 1	1.78	0.011	0.07	0.1	0.04	5.1	0.1	< .05	5	< .5
S0307102	L7600N 10400E	1.1	12.6	6.2	38	0.1	10.2	4.3	412	1.96	13.9	0.5	2.2	1.9	34	0.1	0.3	0.1	46	0.19	0.041	11	17.1	0.20	188	0.033	1	1.05	0.011	0.05	0.1	0.05	3.0	0.1	< .05	4	< .5
S0307103	L7600N 10425E	0.8	18.0	8.5	49	0.1	15.6	8.3	443	2.40	22.2	1.1	7.3	3.1	91	0.2	0.3	0.1	44	0.54	0.042	17	23.6	0.32	370	0.047	< 1	1.37	0.013	0.06	0.2	0.05	4.3	0.1	< .05	4	< .5
S0307104	L7600N 10450E	0.8	19.1	8.3	53	0.1	18.3	8.5	481	2.61	12.0	1.5	5.9	3.0	136	0.2	0.4	0.1	47	0.77	0.049	16	27.9	0.43	400	0.047	< 1	1.71	0.013	0.05	0.1	0.05	5.7	0.1	< .05	4	< .5
S0307105	L7600N 10250A	0.7	15.6	12.2	60	0.1	22.0	10.1	423	2.57	21.6	0.7	13.4	3.7	60	0.2	0.4	0.2	45	0.30	0.043	14	27.8	0.35	258	0.045	< 1	1.36	0.009	0.05	0.1	0.03	4.4	0.1	< .05	5	< .5
S0307106	L7800N 10025E	1.2	12.3	12.3	36	0.1	11.1	6.2	267	2.27	14.6	0.3	1.3	2.7	12	0.1	0.4	0.2	66	0.10	0.025	11	24.0	0.25	135	0.053	< 1	1.42	0.007	0.03	0.1	0.02	2.2	0.1	< .05	7	< .5
S0307107	L7800N 10050E	1.2	12.7	11.6	45	0.1	15.4	7.2	344	2.61	20.1	0.3	1.8	2.3	15	0.1	0.5	0.2	64	0.14	0.034	10	27.1	0.33	160	0.053	< 1	1.61	0.005	0.03	0.1	0.02	2.5	0.1	< .05	7	< .5
S0307108	L7800N 10075E	1.0	13.3	8.7	44	0.1	15.9	7.2	245	2.69	16.6	0.3	3.7	2.5	10	0.1	0.4	0.2	64	0.09	0.033	11	25.3	0.29	114	0.072	< 1	1.32	0.007	0.04	0.1	0.02	2.7	0.1	< .05	7	< .5
S0307109	L7800N 10100E	1.4	46.9	13.8	54	0.3	36.2	13.7	1231	3.21	22.9	1.6	14.5	3.0	79	0.4	0.5	0.3	65	0.49	0.056	26	37.6	0.42	728	0.045	< 1	2.28	0.012	0.07	0.1	0.06	8.2	0.1	< .05	8	< .5
S0307110	L7800N 10125E	1.0	15.1	10.3	51	0.1	18.8	7.5	259	2.81	14.9	0.4	12.7	2.4	16	0.1	0.5	0.2	70	0.14	0.031	10	30.3	0.45	200	0.066	< 1	1.68	0.007	0.05	0.1	0.02	3.0	0.1	< .05	7	< .5
S0307111	L7800N 10150E	0.8	15.5	7.5	33	0.2	7.7	8.1	1861	1.48	4.7	0.5	1.0	1.4	13	0.3	0.2	0.2	38	0.09	0.033	9	15.6	0.16	224	0.042	< 1	0.98	0.013	0.04	0.3	0.03	2.1	0.1	< .05	5	< .5
S0307112	L7800N 10175E	1.2	17.2	9.0	51	0.2	18.8	7.8	291	2.94	24.0	0.7	2.9	3.2	29	0.1	0.5	0.2	70	0.26	0.028	14	28.6	0.39	439	0.036	< 1	1.97	0.006	0.05	0.1	0.02	4.8	0.1	< .05	8	< .5
S0307113	L7800N 10200E	0.8	14.0	9.9	45	0.1	17.6	7.6	294	2.51	64.9	0.6	10.8	4.1	37	0.1	0.4	0.2	54	0.29	0.031	15	26.4	0.37	340	0.047	1	1.65	0.009	0.04	0.1	0.02	3.9	0.1	< .05	6	< .5
S0307114	L7800N 10225E	0.8	13.6	10.2	44	0.1	17.1	7.6	282	2.56	72.5	0.6	29.1	4.0	37	0.1	0.5	0.2	54	0.28	0.026	16	25.7	0.37	318	0.049	1	1.64	0.007	0.04	0.1	0.02	3.8	0.1	< .05	6	< .5

Report date: 12 NOV 2003 | Job V03-0608S

LAB NO	FIELD NUMBER	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
S0307115	L7800N 10250E	0.7	23.8	10.7	51	0.2	21.0	9.0	454	2.61	31.9	1.3	20.3	3.6	165	0.2	0.4	0.2	43	1.09	0.052	17	25.7	0.43	460	0.041	<1	1.68	0.011	0.04	0.1	0.05	7.8	0.1	<.05	5	<.5
S0307116	L7800N 10275E	0.7	21.5	10.1	55	0.2	21.1	9.0	386	2.57	23.5	1.0	28.1	3.1	126	0.1	0.4	0.2	45	0.66	0.046	16	27.5	0.38	383	0.042	1	1.71	0.010	0.05	0.2	0.05	7.2	0.1	<.05	6	<.5
S0307117	L7800N 10300E	1.0	11.0	7.5	46	<.1	14.5	7.4	501	2.76	16.1	0.3	16.2	3.0	26	0.1	0.4	0.2	62	0.16	0.033	12	25.4	0.36	148	0.061	1	1.52	0.007	0.06	0.1	0.02	3.0	0.1	<.05	6	<.5
S0307118	L7800N 10325E	1.0	9.4	7.5	41	0.1	12.7	7.2	303	2.67	17.7	1.6	2.3	20.2	18	0.2	0.4	0.2	49	0.12	0.057	15	19.6	0.18	123	0.039	1	1.02	0.009	0.05	0.2	0.04	3.1	0.1	<.05	5	<.5
S0307119	L7800N 10350E	1.0	10.6	8.8	45	0.1	14.9	6.7	221	2.82	12.0	0.3	3.1	2.4	15	0.1	0.4	0.2	62	0.12	0.032	12	26.4	0.35	118	0.050	1	1.83	0.007	0.05	0.1	0.02	3.2	0.1	<.05	6	<.5
S0307120	L7800N 10375E	0.6	15.4	4.2	20	0.1	10.4	3.9	181	1.16	6.7	0.9	11.2	1.0	375	0.2	0.4	0.1	17	2.26	0.069	11	10.6	0.23	292	0.019	4	0.70	0.008	0.03	0.1	0.08	4.2	<.1	0.14	2	0.5
S0307121	L7800N 10400E	0.9	7.2	5.4	29	0.1	7.5	3.6	253	1.68	4.6	0.2	0.8	1.5	22	0.2	0.3	0.1	42	0.16	0.033	9	12.6	0.10	102	0.039	<1	0.63	0.008	0.04	0.1	0.04	2.0	0.1	<.05	4	<.5
S0307122	L7800N 10425E	0.6	19.5	7.7	38	0.1	15.1	8.2	297	2.20	10.1	0.8	8.7	3.0	42	0.2	0.3	0.1	50	0.17	0.044	13	23.8	0.34	258	0.043	1	1.33	0.013	0.05	0.1	0.05	4.7	0.1	<.05	5	0.5
S0307123	L7800N 10450E	1.1	10.3	7.2	61	0.1	12.9	6.7	537	2.14	11.6	0.4	2.0	2.1	36	0.3	0.4	0.2	51	0.20	0.025	11	20.9	0.27	300	0.047	1	1.22	0.008	0.06	0.1	0.02	2.4	0.1	<.05	5	<.5
S0307124	L7800N 10150A	0.7	9.7	6.0	32	0.1	9.5	3.9	282	1.60	8.2	0.3	<.5	1.7	11	0.1	0.3	0.2	42	0.09	0.031	11	15.7	0.18	127	0.038	1	0.93	0.009	0.04	0.1	0.02	1.9	0.1	<.05	5	<.5
S0307125	L7900N 10025E	1.1	10.4	9.0	34	0.1	14.4	5.8	189	2.46	19.7	0.4	1.2	1.4	12	0.1	0.5	0.2	62	0.09	0.027	13	24.0	0.31	144	0.061	2	1.29	0.006	0.04	0.1	0.02	2.4	0.1	<.05	7	<.5
S0307126	L7900N 10050E	0.9	16.7	8.2	43	0.1	19.4	8.1	292	2.40	15.1	0.6	8.2	2.8	15	0.1	0.5	0.2	52	0.13	0.024	15	28.2	0.40	232	0.052	1	1.58	0.007	0.03	0.1	0.02	3.4	0.1	<.05	5	<.5
S0307127	L7900N 10075E	0.6	13.4	7.5	40	<.1	15.2	5.5	161	1.88	12.0	0.6	3.0	1.7	13	0.1	0.3	0.1	44	0.13	0.030	14	24.9	0.40	135	0.050	3	1.36	0.009	0.03	0.1	0.02	2.6	0.1	<.05	5	<.5
S0307128	L7900N 10100E	1.0	11.8	8.2	38	0.2	14.5	7.2	234	2.48	13.5	0.4	51.7	3.1	14	0.1	0.4	0.2	57	0.12	0.024	13	25.3	0.32	174	0.034	1	1.84	0.007	0.03	0.1	0.02	3.3	0.1	<.05	6	<.5
S0307129	L7900N 10125E	1.1	20.5	10.9	58	0.1	26.0	13.6	475	3.49	15.3	0.6	3.8	4.0	11	0.3	0.5	0.2	70	0.11	0.029	12	41.0	0.54	214	0.059	2	2.84	0.008	0.04	0.1	0.02	3.9	0.1	<.05	7	<.5
S0307130	L7900N 10150E	0.7	14.1	7.8	42	0.1	20.1	10.6	366	2.43	38.5	0.8	12.6	5.1	65	0.1	0.5	0.2	41	0.28	0.032	20	22.8	0.38	238	0.047	<1	1.27	0.011	0.03	0.1	0.02	3.4	0.1	<.05	4	<.5
S0307131	L7900N 10175E	0.6	23.0	8.8	48	0.1	20.2	8.7	236	2.46	12.3	0.7	3.7	3.8	17	0.1	0.5	0.1	51	0.20	0.025	15	30.1	0.49	227	0.063	1	1.63	0.009	0.03	0.1	0.02	3.5	0.1	<.05	4	0.5
S0307132	L7900N 10200E	1.1	17.0	9.6	50	0.1	19.7	8.0	328	2.84	16.6	0.5	2.4	3.0	23	0.1	0.5	0.2	67	0.19	0.026	14	30.5	0.44	320	0.056	<1	1.83	0.009	0.04	0.1	0.02	3.8	0.1	<.05	7	<.5
S0307133	L7900N 10225E	0.8	15.5	9.5	48	0.1	19.4	9.1	248	3.00	11.6	0.5	2.2	3.6	15	0.1	0.5	0.2	66	0.14	0.019	14	32.7	0.48	200	0.063	2	2.14	0.007	0.03	0.1	0.01	3.2	0.1	<.05	6	<.5
S0307134	L7900N 10250E	1.1	16.8	10.8	51	0.1	19.0	8.7	299	3.36	14.0	0.6	2.5	4.3	13	0.2	0.5	0.2	69	0.11	0.027	12	32.3	0.37	121	0.051	3	2.08	0.006	0.04	0.1	0.02	3.4	0.1	<.05	7	<.5
S0307135	L7900N 10275E	0.9	8.7	5.6	33	0.1	9.1	4.6	165	2.10	7.1	0.4	2.8	3.0	12	0.1	0.3	0.1	55	0.05	0.028	16	15.9	0.09	72	0.044	<1	0.85	0.006	0.02	0.1	0.03	2.3	0.1	<.05	5	<.5
S0307136	L7900N 10300E	0.8	9.0	7.1	44	<.1	12.2	7.0	243	2.62	9.7	0.4	2.3	3.8	18	0.1	0.4	0.2	51	0.12	0.025	17	19.6	0.19	77	0.038	1	1.07	0.006	0.04	0.1	0.02	3.6	0.1	<.05	5	<.5
S0307137	L7900N 10325E	0.6	9.1	5.4	34	<.1	10.4	5.4	176	1.92	7.3	0.4	6.1	3.3	19	0.1	0.2	0.1	43	0.11	0.019	15	17.9	0.19	73	0.039	2	0.98	0.008	0.03	0.2	0.02	3.1	0.1	<.05	4	<.5
S0307138	L7900N 10350E	0.9	10.6	7.0	40	0.1	11.8	6.0	197	2.22	8.0	0.4	10.2	2.0	19	0.1	0.4	0.1	53	0.10	0.038	11	22.1	0.29	77	0.046	1	1.35	0.009	0.05	0.2	0.04	2.7	0.1	<.05	5	<.5
S0307139	L7900N 10375E	0.8	9.3	7.1	36	0.1	10.8	4.9	131	2.00	8.2	0.4	1.1	2.5	32	0.1	0.3	0.2	66	0.17	0.019	13	22.5	0.29	153	0.064	1	1.54	0.009	0.04	0.1	0.01	3.5	0.1	<.05	7	<.5
S0307140	L7900N 10400E	0.5	16.8	6.6	49	0.2	17.2	6.1	270	2.04	7.4	0.7	5.6	2.5	105	0.2	0.3	0.1	40	0.47	0.059	15	26.9	0.39	236	0.041	<1	1.23	0.012	0.07	0.1	0.04	3.6	0.1	<.05	4	<.5
S0307141	L7900N 10425E	1.0	17.0	9.5	47	0.1	17.2	8.2	289	2.89	12.1	0.5	2.0	3.7	15	0.2	0.5	0.2	69	0.13	0.028	12	31.4	0.36	124	0.050	<1	2.05	0.008	0.04	0.1	0.03	3.2	0.1	<.05	6	<.5
S0307142	L7900N 10450E	0.8	8.4	6.6	33	0.1	9.3	4.2	119	1.73	7.6	0.4	1.8	2.2	31	0.1	0.3	0.2	60	0.16	0.019	12	19.7	0.26	152	0.059	<1	1.28	0.008	0.04	0.1	0.04	2.9	0.1	<.05	6	<.5
S0307143	L7900N 10325B	0.1	7.8	1.3	18	<.1	5.5	4.5	170	2.00	0.9	0.2	2.1	1.2	22	<.1	<.1	<.1	75	0.28	0.041	5	17.3	0.22	27	0.051	1	0.58	0.022	0.04	0.1	<.01	1.1	<.1	<.05	2	<.5

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown, results are to follow

ANALYTICAL METHODS
ICP-MS 35 ELEMENT PACKAGE : 0.5 gram sample leached in hot Aqua Regia

Teck Cominco Ltd.
Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

APPENDIX F

PHOTOGRAPHS

Flume-Ten Claims
Fjordland Exploration Inc.
September 16-25, 2003

Five Mile Creek Camp Demob; September 23, 2003
001119-R1-005-1.

Five Mile Creek Camp Demob; September 23, 2003
001119-R1-007-2.

Five Mile Creek Camp Demob; September 23, 2003
001119-R1-009-3.

Looking West to headwaters of Donavan Creek
001119-R1-011-4.

Looking West to headwaters of Donavan Creek
001119-R1-013-5.

Looking to junction of Sixty Mile and Yukon Rivers
001119-R1-015-6.

Flume-Ten Claims
Fjordland Exploration Inc.
September 16-25, 2003


Sixty Mile River
001119-R1-017-7.


Looking to junction of Sixty Mile and Yukon Rivers
001119-R1-019-8.


Camp at Demob on island on Yukon River waiting for barge.
001119-R1-021-9.


001119-R1-023-10.


001119-R1-025-11.


001119-R1-027-12.

Flume-Ten Claims
Fjordland Exploration Inc.
September 16-25, 2003

001119-R1-029-13.

Camp on Erik Stretch's barge in Dawson City.
001119-R1-035-16.

Camp on Erik Stretch's barge in Dawson City.
001119-R1-037-17.

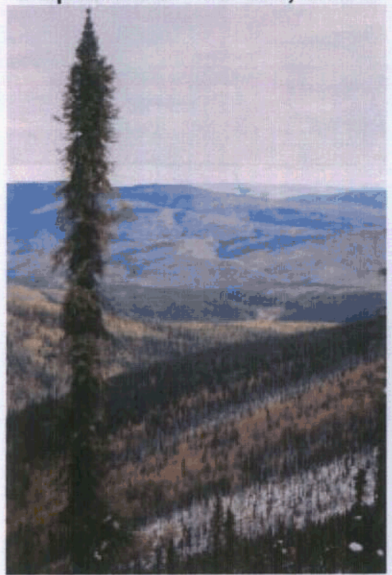
Camp on Erik Stretch's barge in Dawson City.
001119-R1-039-18.

001120-R1-023-10.

001120-R1-025-11.

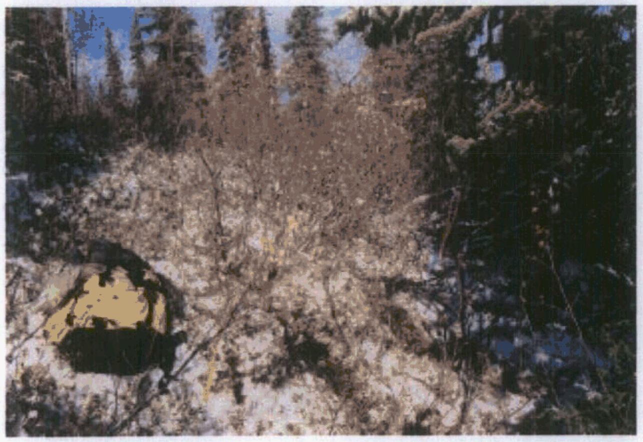
Flume-Ten Claims
Fjordland Exploration Inc.
September 16-25, 2003

Looking west to Ten Grid
001120-R1-027-12.



Looking northeast to Ten Mile Creek placer workings.
001120-R1-029-13.

001120-R1-031-14.

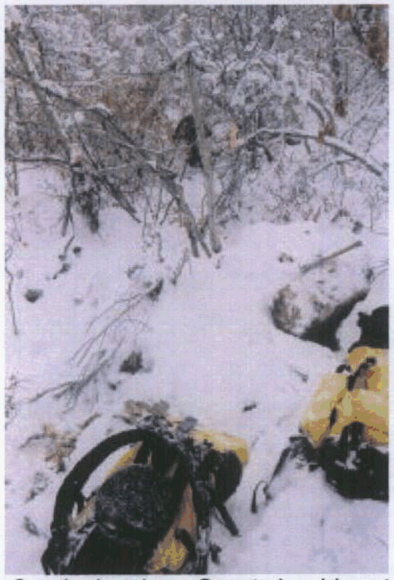


Sample #185414 within Ten Grid soil anomaly at L7800N 9900E. Hairline quartz stringers in mica-quartz schist and granodiorite float/subcrop.
001120-R1-033-15.

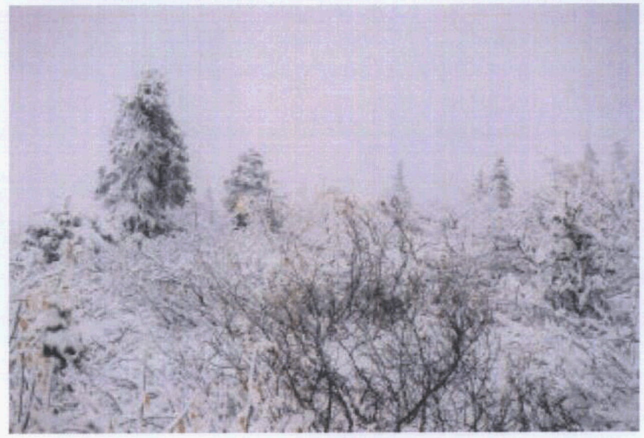
Five Mile Creek showing.
001120-R1-035-16.

Five Mile Creek showing.
001120-R1-037-17.

Flume-Ten Claims
Fjordland Exploration Inc.
September 16-25, 2003


Five Mile Creek showing. Quartz boulder at hammer with finely disseminated pyrite (samples #185422 and 134907) at end of old blast trench(?).
001120-R1-039-18.


Felsenmeer at top of prominent knoll, site of Teck showing.
001120-R1-041-19.


Felsenmeer at top of prominent knoll, site of Teck showing.
001120-R1-043-20.


001120-R1-045-21.


001120-R1-047-22.


Quartz vein with specularite, goethite, hematite, pyrite, galena(?) and sphalerite(?), samples #134910, #134911 in Galena Creek.
001120-R1-049-23.

Flume-Ten Claims
Fjordland Exploration Inc.
September 16-25, 2003

Five Mile Creek Camp Demob; September 23, 2003
001120-R1-051-24.

Five Mile Creek Camp Demob; September 23, 2003
001120-R1-E001.

APPENDIX G

CD AND CD DIRECTORY

2003 Fjordland Exploration Inc Flume-Ten Property CD Directory			
Folder	**Filename**	**Description**	**File Format**
Archived data\Phelps dodge		Underlying geochem tables and mappers for workspaces	MapInfo v. 6, Discover v. 3.097
Archived data\Prime	prime assmnt rpt.pdf	Scanned assessment report	Adobe Acrobat v4.0
Archived data\Prime	various	assay data extracted from reports	MSExcel 2000
Archived data\Teck		Assay data and presentation figures	MSExcel 2000/Powerpoint 2000
Geochem\Geochem03	03 soils.xls	2003 soil sample locations (NAD 83) and geochem	MSExcel 2000
Geochem\Geochem03	FEX-03ROCKS.xls	2003 rock sample locations (NAD 83) and geochem	MSExcel 2000
Geochem\Geochem03	V03-0605R(Equity Eng.)Final.xls	Teck Cominco Global Discovery Labs certificate V03-0605R	MSExcel 2000
Geochem\Geochem03	V03-0608S(Equity Eng.).xls	Teck Cominco Global Discovery Labs certificate V03-0608S	MSExcel 2000
Geophysics03	3990_1stderivmag.pdf	First vertical derivative magnetic map - 3990	Adobe Acrobat v4.0
Geophysics03	3990_K.pdf	Potassium map - 3990	Adobe Acrobat v4.0
Geophysics03	3990_tfmag.pdf	Total field magnetic map - 3990	Adobe Acrobat v4.0
Geophysics03	3990_Th.pdf	Thorium map - 3990	Adobe Acrobat v4.0
Geophysics03	3990_U.pdf	Uranium map - 3990	Adobe Acrobat v4.0
Geophysics03	3991_1stderivmag.pdf	First vertical derivative magnetic map - 3991	Adobe Acrobat v4.0
Geophysics03	3991_K.pdf	Potassium map - 3991	Adobe Acrobat v4.0
Geophysics03	3991_tfmag.pdf	Total field magnetic map - 3991	Adobe Acrobat v4.0
Geophysics03	3991_U.pdf	Uranium map - 3991	Adobe Acrobat v4.0
Geophysics03	4305_1stderivmag.pdf	First vertical derivative magnetic map - 4305	Adobe Acrobat v4.0
Geophysics03	4305_K.pdf	Potassium map - 4305	Adobe Acrobat v4.0
Geophysics03	4305_tfmag.pdf	Total field magnetic map - 4305	Adobe Acrobat v4.0
Geophysics03	4305_Th.pdf	Thorium map - 4305	Adobe Acrobat v4.0
Geophysics03	4305_U.pdf	Uranium map - 4305	Adobe Acrobat v4.0
Mapinfo\claims		Underlying tables and mappers for workspaces	MapInfo v. 6, Discover v. 3.097
Mapinfo\contours		Underlying tables and mappers for workspaces	MapInfo v. 6, Discover v. 3.097
Mapinfo\Geochem		Underlying tables and mappers for workspaces	MapInfo v. 6, Discover v. 3.097
Mapinfo\Geology		Underlying tables and mappers for property geology workspaces	MapInfo v. 6, Discover v. 3.097
Mapinfo\Topo		Underlying topographic tables and mappers for workspaces	MapInfo v. 6, Discover v. 3.097

2003 Fjordland Exploration Inc Flume-Ten Property CD Directory			
Folder	**Filename**	**Description**	**File Format**
Mapinfo\Trenches		Underlying tables and mappers for workspaces	MapInfo v. 6, Discover v. 3.097
Mapinfo	bases SHsep08.WOR	base maps(NAD 83) workspace	MapInfo v. 6, Discover v. 3.097
Mapinfo	Fig1-FLUME-loc.WOR	Figure 1 location map workspace	MapInfo v. 6, Discover v. 3.097
Mapinfo	Fig2-FLUME-claim.WOR	Figure 2 claim map workspace	MapInfo v. 6, Discover v. 3.097
Mapinfo	Fig3-FLUME-regeo.cdr	Figure 3 regional geology map	Corel Draw v.9
Mapinfo	FIG4-5-FEX-geo20K-Jan27-04.WOR	Figures 4-6 property geology and geochem map workspace	MapInfo v. 6, Discover v. 3.097
Photos		JPEG's of Flume-Ten property photos	
Photos	flumeten03 photos.PDF	Contact sheets of photos for report	Adobe Acrobat v4.0
Report	ten rock sheets.PDF	2003 rock sample descriptions and geochem	Adobe Acrobat v4.0
Report	Ten report03.doc	2003 FH assessment report	MSWord 2000
Report	Ten report03.rtf	Rich text format 2003 FH assessment report	MSWord 2000
Report	Flume-TenRpt.pdf	PDF format 2003 FH assessment report	Adobe Acrobat v4.0
Report\Figures	Fig1-Flume-Loc.pdf	Figure 1 location map	Adobe Acrobat v4.0
Report\Figures	Fig2-Flume-Claim.pdf	Figure 2 claim map	Adobe Acrobat v4.0
Report\Figures	Fig3-FLUME-regeo.pdf	Figure 3 regional geology map	Adobe Acrobat v4.0
Report\Figures	Fig4-Flume-Au.plt	Figure 4 property geology and gold geochemistry map	Plot file for HP750C
Report\Figures	Fig4-Flume-Au.pdf	Figure 4 property geology and gold geochemistry map	Adobe Acrobat v4.0
Report\Figures	Fig5-FLume-As.plt	Figure 5 property geology and arsenic geochemistry map	Plot file for HP750C
Report\Figures	Fig5-FLume-As.pdff	Figure 5 property geology and arsenic geochemistry map	Adobe Acrobat v4.0

APPENDIX H

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Stewart Harris, of 2705 East 47th Avenue, City of Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 700, 700 West Pender Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology in 1988.

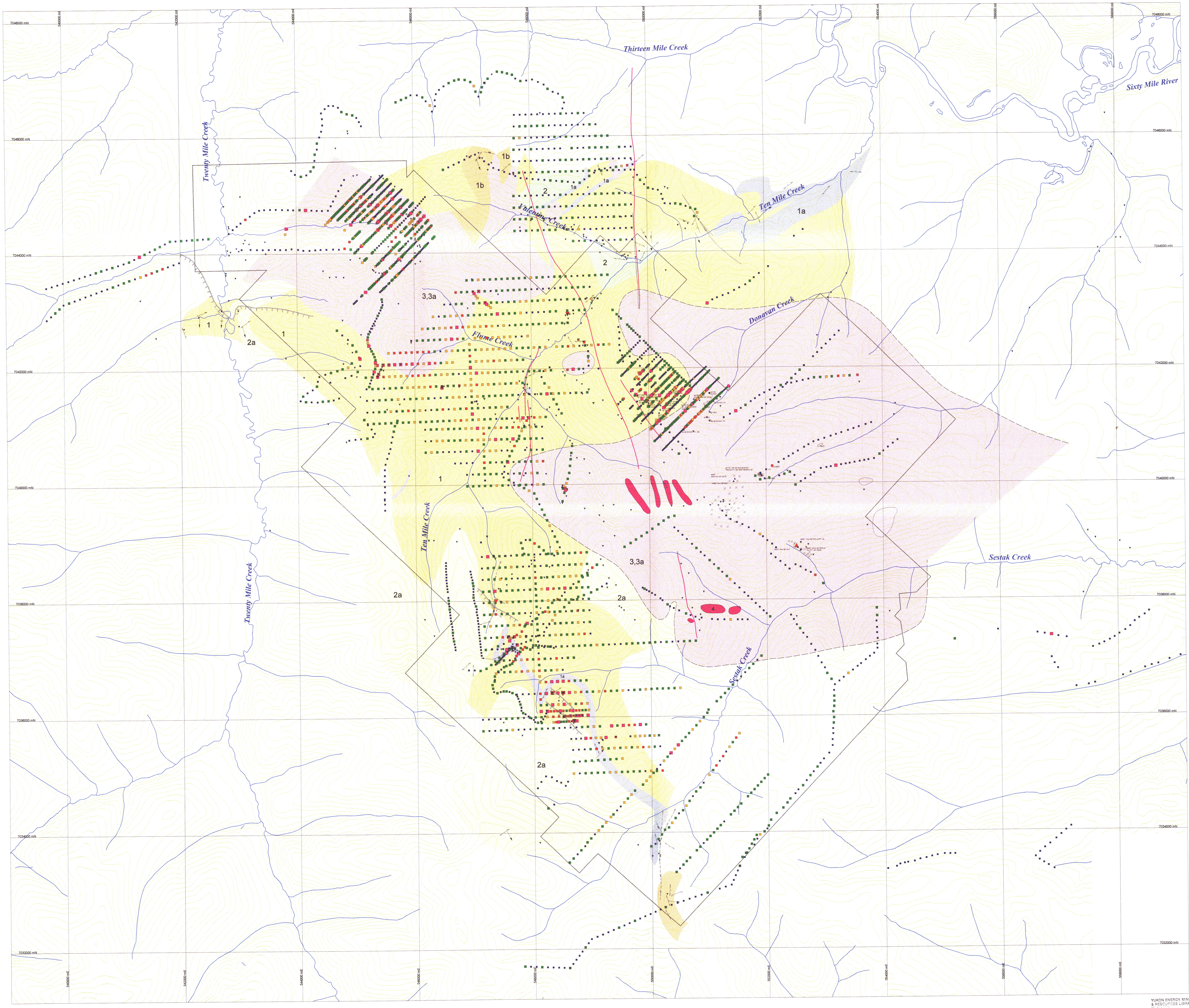
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#23287).

4. THAT this report is based on fieldwork carried out under the direction of myself between September 16 and 25, 2003, and on private and publicly available reports.

DATED at Vancouver, British Columbia, this 26TH day of JANUARY, 2004.

S. Harris

Stewart Harris, P.Geo.
Equity Engineering Ltd.



2003 Au in rocks (ppb)

- 1000 and above
- 100 to 499.9
- 99.9 and below

Pre-2003 Au in rocks (ppb)

- 1000 and above
- 500 to 999.9
- 100 to 499.9
- 99.9 and below

2003 Au in soils (ppb)

- 65 and above (>95th %tile)
- 45 to 64.9 (90-95th %tile)
- 27.1 to 44.9 (80-90th %tile)
- 10 to 27 (50-80th %tile)
- <10 (<50th %tile)

Teck and Prime Au in soils (ppb)

- 65 and above (>95th %tile)
- 45 to 64.9 (90-95th %tile)
- 27.1 to 44.9 (80-90th %tile)
- 10 to 27 (50-80th %tile)
- <10 (<50th %tile)

Phelps Dodge Au in soils (ppb)

- 36.3 and above (>95th %tile)
- 17 to 36.2 (90-95th %tile)
- 9 to 16.9 (80-90th %tile)
- 3 to 8.9 (50-80th %tile)
- <3 (<50th %tile)

Geological Legend

- 1
- 1a
- 1b
- 2
- 2a
- 3
- 3,3a
- 3a
- 4

LITHOLOGIC LEGEND

Unit 1	**Metasediments:** brown weathering, muscovite±biotite psammitic schist, biotite schist, graphitic schist, muscovite -biotite quartzite, variable quartz - mica schist, and muscovite -chlorite granodiorite gneiss.
Unit 1a	**Marble and Calc-silicates:** bands of massive coarse -grained marble with well -laminated graphitic calc -silicates.
Unit 1b	**Orthofeldspathic Biotite Garnet±Muscovite Schist.**
Unit 2	**Orthogneiss:** deformed and metamorphosed Middle Paleozoic - meta diorite.
Unit 2a	**Orthogneiss:** deformed and metamorphosed Middle Paleozoic melanocratic quartz augen gneiss, leucocratic feldspar augen gneiss and granitic pegmatite.
Unit 3	**Quartz Monzonite and Granodiorite:** unfoliated, Jurassic to Cretaceous, fresh, pink, medium - to rarely fine -grained, equigranular biotite quartz monzonite with 10 -15% biotite.
Unit 3a	**Quartz Monzonite and Granodiorite:** unfoliated, Jurassic to Cretaceous white fine -grained to aphanitic intrusion with <5% biotite.
Unit 4	**Diabase and Rhyolite/trachyte Dykes:** generally north -trending diabase, and feldspar±quartz porphyritic rhyolite/trachyte dykes, largely tan -weathering with common miarolitic cavities and flow textures.

A. S. HARRIS
BRITISH COLUMBIA
GEOSCIENTIST

0 200 400 600 1000
metres

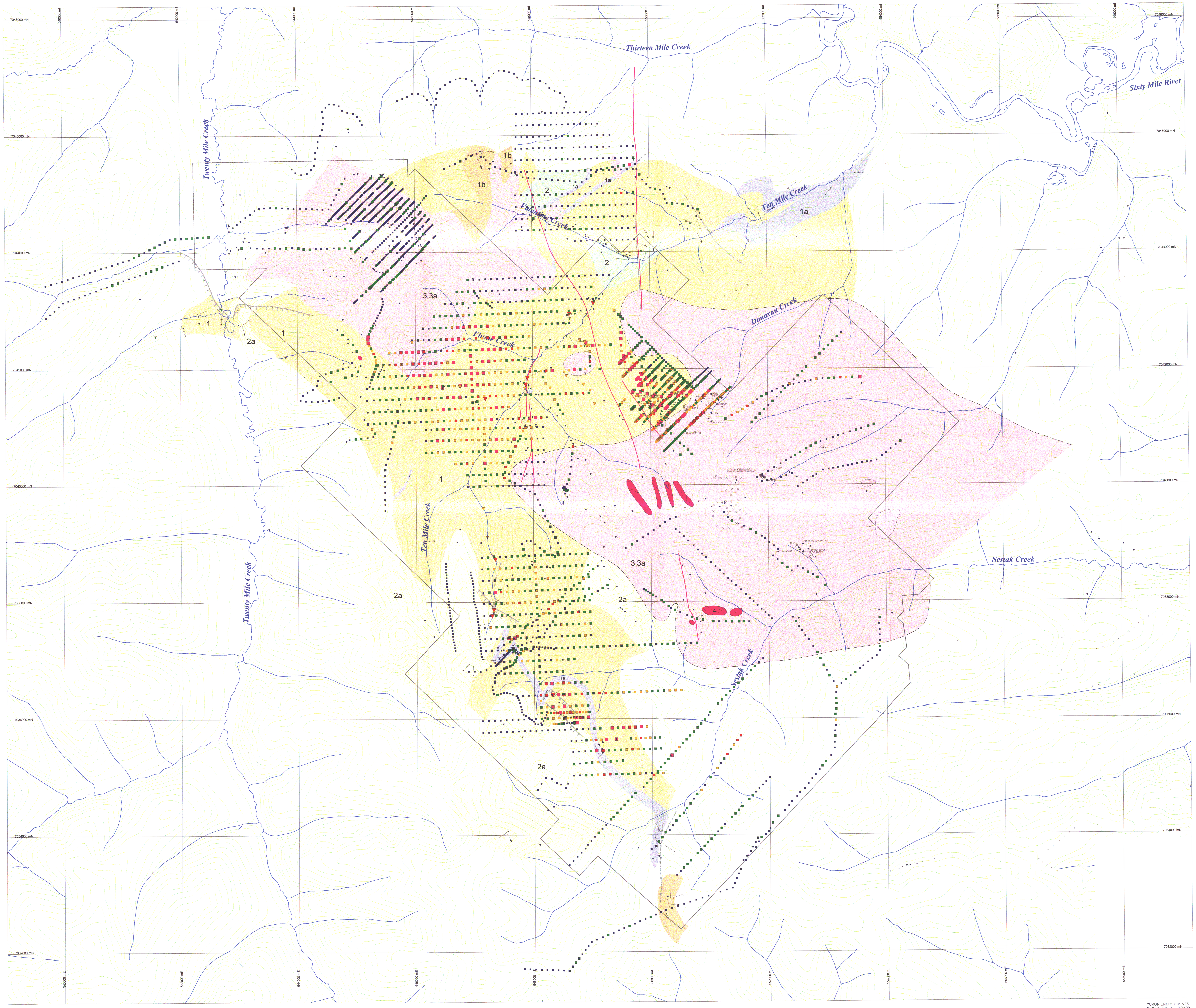
FJORDLAND EXPLORATION INC.

FLUME - TEN PROPERTY

GEOLOGY AND GOLD GEOCHEMISTRY

Date: JAN 2004	Scale: 1:20,000	Figure: 4
U.T.M. Zone: UTM7 - NAD83	Mining District: DAWSON	
N.T.S.: 115N/8,9 115O/5,12	State/Province: YUKON	

EQUITY



2003 As in rocks (ppm)

- ▲ 100 to 1,000 (80-90th %tile)
- ▲ <100 (<50th %tile)

Pre-2003 As in rocks (ppm)

- ▼ 5,000 and above (>95th %tile)
- ▼ 1,000 to 4999 (90-95th %tile)
- ▼ 100 to 999 (80-90th %tile)
- ▼ <100 (<50th %tile)

2003 As in soils (ppm)

- ● 336 and above (>95th %tile)
- ● 220 to 335 (90-95th %tile)
- ● 90 to 219 (80-90th %tile)
- ● 15 to 89 (50-80th %tile)
- ● <15 (<50th %tile)

Teck and Prime As in soils (ppm)

- ■ 336 and above (>95th %tile)
- ■ 220 to 335 (90-95th %tile)
- ■ 90 to 219 (80-90h %tile)
- ■ 15 to 89 (50-80th %tile)
- ■ <15 (<50th %tile)

Phelps Dodge As in soils (ppm)

- ■ 400 and above (>95th %tile)
- ■ 228 to 399.9 (90-95th %tile)
- ■ 117 to 227.9 (80-90th %tile)
- ■ 22.3 to 116.9 (50-80th %tile)
- ■ <22.3 (<50th %tile)

Geological Legend

- 1
- 1a
- 1b
- 2
- 2a
- 3
- 3,3a
- 3a
- 4

LITHOLOGIC LEGEND

Unit 1	**Metasediments:** brown weathering, muscovite±biotite psammitic schist, biotite schist, graphitic schist, muscovite -biotite quartzite, variable quartz - mica schist, and muscovite -chlorite granodiorite gneiss.
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PROFESSIONAL A. S. HARRIS BRITISH COLUMBIA GEOSCIENTIST

0 200 400 600 1000
metres

FJORDLAND EXPLORATION INC.

FLUME - TEN PROPERTY

GEOLOGY AND ARSENIC GEOCHEMISTRY

EQUITY	Date: JAN 2004	Scale: 1:20,000	Figure: 5
	U.T.M. Zone: UTM7 - NAD83	Mining District: DAWSON	
	N.T.S.: 115N/8,9 115O/5,12	State/Province: YUKON	