ASSESSMENT REPORT

including

Diamond Drilling

on the

WOODJAM PROPERTY

Woodjam 5 (367190) Claim
Woodjam 6-12 (367883-89) Claims
(Claims owned by WILDROSE RESOURCES LTD.)

CARIBOO MINING DIVISION,
British Columbia
NTS: 93A/3, 93A/6 W
Latitude 52°16' N, Longitude 121°22' W

Prepared for Operator:

FJORDLAND EXPLORATION INC.
1550 - 409 Granville Street
Vancouver, B.C., Canada V6C 1T2

By:

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B.Sc., P .Geo. (B.C.)

January 29, 2004
Vancouver, B.C.

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1. SUMMARY

Located 50 kilometres east of Williams Lake, B.C. in the Cariboo Mining District, the Woodjam Property consists of 8-4 post claims totaling 142 units. Fjordland Exploration Inc optioned the property from Wildrose Resources Ltd. in August 2001.

The Woodjam claims cover several copper-gold, copper only and gold only occurrences hosted by subvolcanic alkalic intrusives in the Cariboo region of BC. The significance of this property is that potentially economic gold grades have been intersected by diamond drilling over considerable widths in an area of the Property referred to as the Megabuck Zone. In this Zone mineralized monzonite porphyry and related volcaniclastic sediments have returned a number of drill intercepts in excess of 50 metres with grades exceeding 1.20 grams per tonne (g/t) gold associated with copper mineralization typically grading 0.1% to 0.2%.

Between 1974 and 1999 a total of 23 holes totaling 2,437 metres were drilled into the Megabuck Zone by Exploram Minerals Ltd, Placer Development Company, and Phelps Dodge Corporation of Canada Limited focusing on potential mineralization extending to the south. A confirmatory drill test completed by Phelps Dodge in 1999 returned a drill intercept of 144 metres grading 0.72 g/t gold and 0.12% copper including 34.0 metres grading 1.01 g/t gold and 0.14% copper.

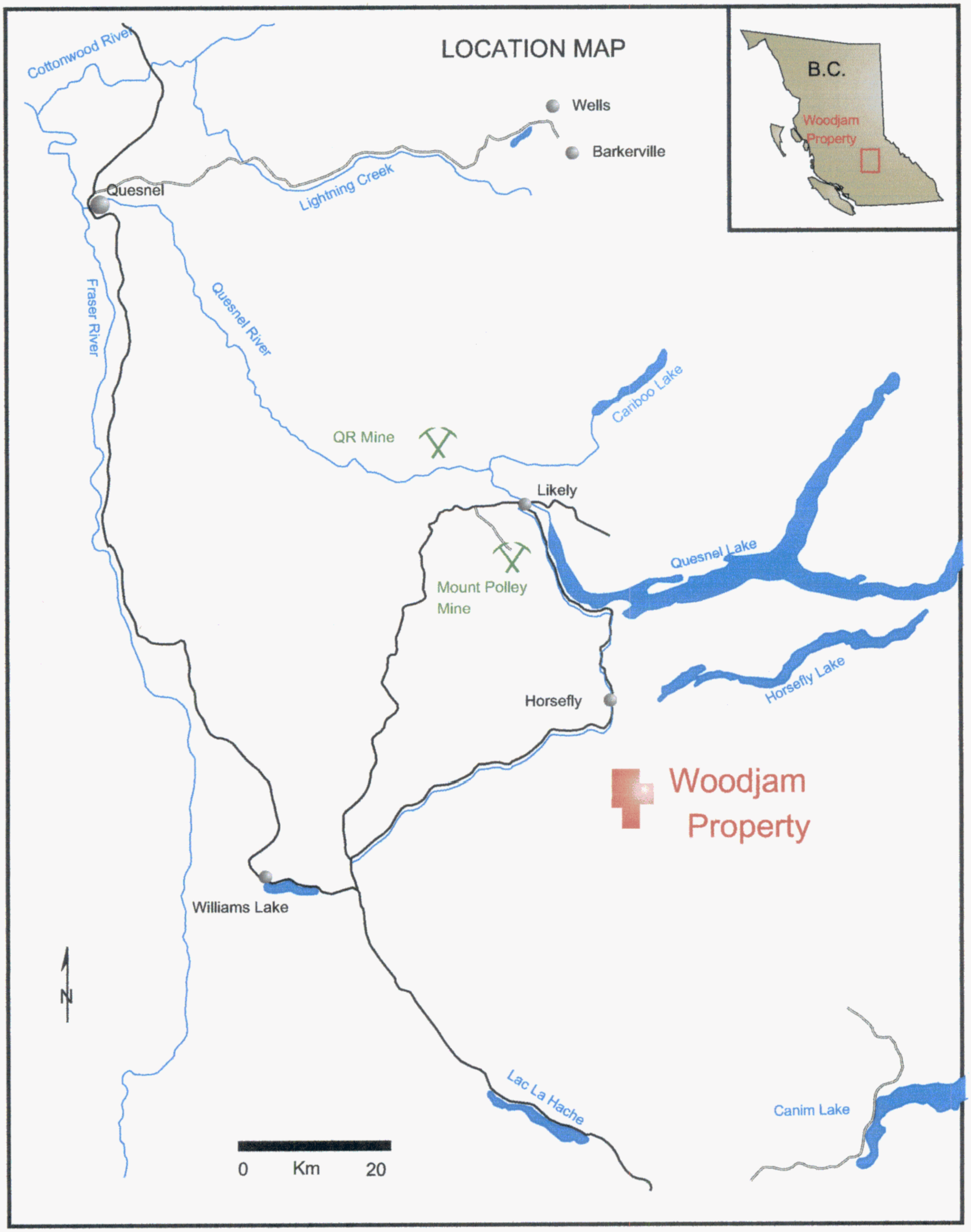
A glacial dispersion train located to the northwest of the Megabuck Zone contains boulders grading up to 6 g/t gold and 0.4% copper. Many of the float samples are higher grade than are explained by known mineralization suggesting that considerable potential exists to expand the Megabuck Zone.

A geophysical program, consisting of induced polarization (IP) chargeability and resistivity surveys as well as an accompanying ground magnetometer survey, was completed during August and September 2001 by Scott Geophysics Ltd under contract to Fjordland Exploration Inc. The survey defined a large, 1650 x 780 metre, chargeability anomaly extending northeast from the Megabuck Zone. A second chargeability anomaly, located 300 metres to the northeast across a small lake, measures 700 x 500 metres (and extends off the grid area to the east).

A diamond drilling program was completed by Fjordland in October 2002. A total of 1,009.4 metres were drilled in 5 holes by Fjordland in the Megabuck Zone in August and October 2002. Drilling focused on possible extensions of gold mineralization as suggested by the 2001 IP Survey. Gold mineralized intervals were observed from all of the holes, however, analyzed intervals showed generally lower than historical reported intervals.

A follow-up diamond drilling program, consisting of 3 holes totaling 460.85 metres, was conducted on the property between 5th - 20th November 2003. The objective of the 2003 drilling program was to test the periphery of the IP anomaly defined by the 2001 exploration program as well as test a new "Discovery Zone" of mineralization, consisting of anomalous soil and rock samples taken in 2003. A breccia zone dominated by quartz-carbonate veining and semi-massive chalcopyrite mineralization grading 42.3 ppb Au and 0.9% Cu over 15.4 metres was intersected at approximately 43.5 metres downhole in DH-03-30.

Additional drilling is required to properly evaluate the potential for gold-copper mineralization in the vicinity of the large geophysical anomalies outlined in 2001. The next phase of exploration includes additional diamond drilling in the vicinity of the IP anomaly as well as a property-wide examination. It is estimated that work could commence on the Woodjam Property in 2004. The estimated cost of this program is $100,000 and work will commence when possible.



16 December 2002

Figure 1: Location Map

2. PROPERTY LOCATION, ACCESS AND PHYSIOGRAPHY

The Woodjam Property, located in the Cariboo Mining Division of central British Columbia, lies approximately 50 kilometres east of the City of Williams Lake and 10 kilometres south of the village of Horsefly. The Property is located on NTS map sheet 93A/3 and 93A/6 at geographic coordinates; latitude 52°16' N, longitude 125°00' W.

The Woodjam property is composed of eight contiguous 4-post mineral claims totaling 142 units. The claims (Figure 2) are all located on government (crown) land and encompass approximately 3,550 hectares (8,800 acres). The claims were staked using compass and chain and have not been legally surveyed.

The claims are currently wholly owned by Wildrose Resources Ltd. (Wildrose) located at 110 -325 Howe Street, Vancouver, B.C.. On 1 August 2001 Fjordland Exploration Inc. (Fjordland) entered into an agreement to earn a 60% interest in the Woodjam Property.

Claim information is as follows:

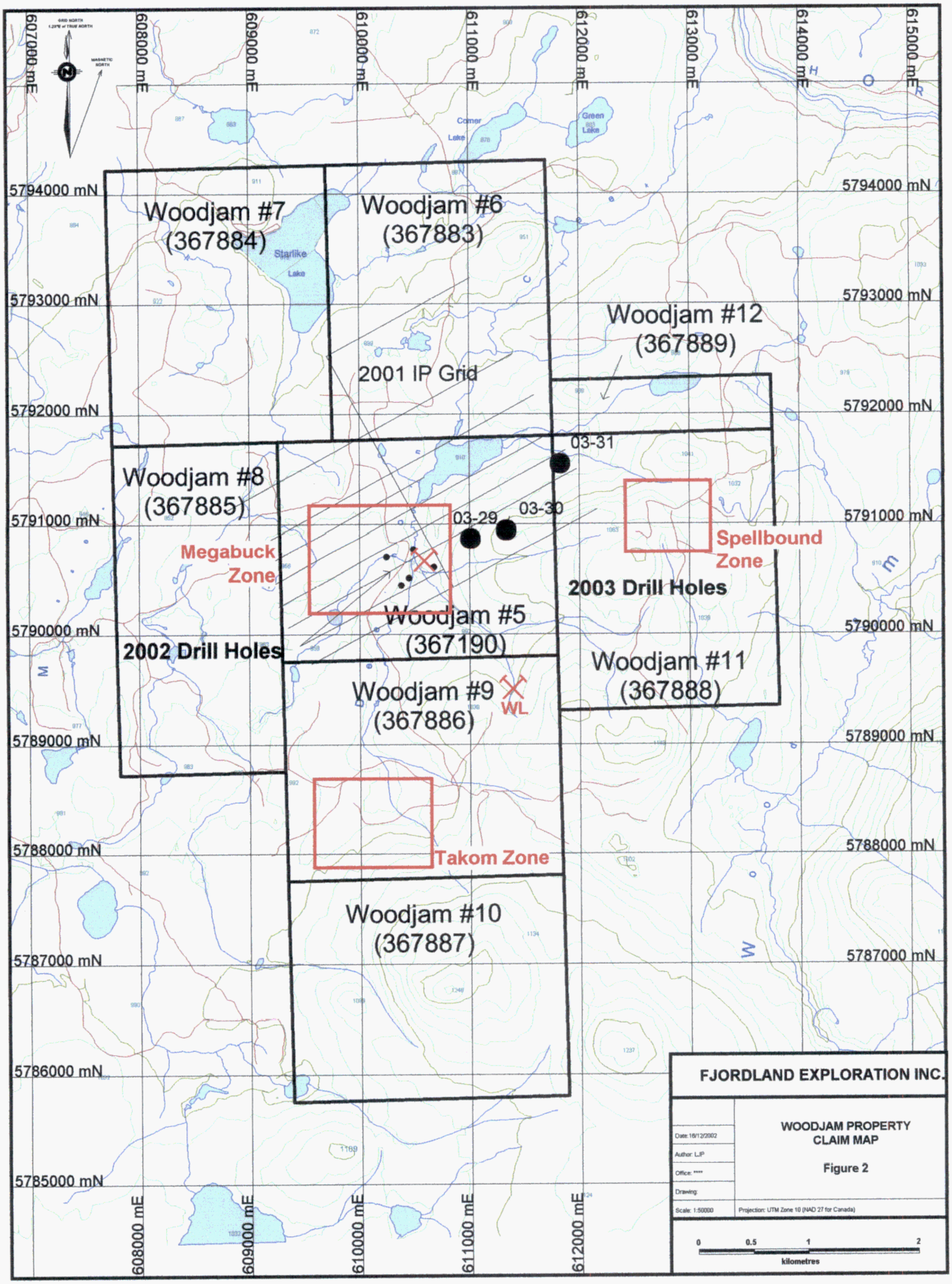
Claim Name	Tenure #	# units	Recording Date	Expiry Date
Woodjam 5	367190	20	23 November 1998	19 February 2005
Woodjam 6	367883	20	17 February 1999	19 February 2005
Woodjam 7	367884	20	19 February 1999	19 February 2005
Woodjam 8	367885	18	17 February 1999	19 February 2005
Woodjam 9	367886	20	18 February 1999	19 February 2005
Woodjam 10	367887	20	19 February 1999	19 February 2005
Woodjam 11	367888	20	19 February 1999	19 February 2005
Woodjam 12	367889	4	18 February 1999	19 February 2005

Table 1: Claim Summary

Year round access by road via Horsefly is gained by travelling south on the Starlike Lake - Woodjam Creek logging road. Logging roads access most of the property and new logging access roads are currently being developed into the area to the east of the Megabuck Zone (an area which until recently has been difficult to access).

The property area is flat to moderately rolling with extensive overburden. It is largely vegetated by first and second growth fir/pine forests that have been partly clear-cut and selectively logged. The entire property lies below treeline. Elevations vary from low marshy areas at approximately 850 metres above sea level (asl) to rolling hills at 1240 metres asl. Numerous small lakes, many beaver dammed, dot the property and streams tend to be of low gradient and do not cut to bedrock. Exposure of bedrock is limited to steeper hillsides, ridgetops and roadcuts. Lower areas are usually covered by extensive glacial till and alluvium. The last glacial movement appears to have been toward the northwest.

Climatic conditions are typical of the central interior of British Columbia. Average minimum low temperatures for January are -18°C and average maximum highs for July are +24 °C. Frost free days last on average from mid-May to mid-August. Between May and September precipitation at a low-elevation station is about 400 millimetres, almost



Woodjam #7
(367884)
Woodjam #6
(367883)
Woodjam #12
(367889)
2001 IP Grid
Woodjam #8
(367885)
Megabuck
Zone
03-31
03-29
03-30
Spellbound
Zone
2003 Drill Holes
Woodjam #5
(367190)
2002 Drill Holes
Woodjam #11
(367888)
Woodjam #9
(367886)
WL
Takom Zone
Woodjam #10
(367887)
Starlike Lake
Green Lake
5794000 mN
5793000 mN
5792000 mN
5791000 mN
5790000 mN
5789000 mN
5788000 mN
5787000 mN
5786000 mN
5785000 mN
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FJORDLAND EXPLORATION INC.
WOODJAM PROPERTY
CLAIM MAP
Figure 2
Date: 18/12/2002
Author: LJP
Scale: 1:50000
Projection: UTM Zone 10 (NAD 27 for Canada)
0
0.5
1
2
kilometres

twice that of Williams Lake 50 kilometres to the west. During April snow depths in the Quesnel Plateau (approx. 700 metres asl) are typically one to two metres.

3. HISTORY

A Chronology of exploration activities on the Woodjam Property is as follows:

Year	Owner	Survey Type	Quantity	Area Covered
1966-1967	Helicon Exploration Ltd & Magnum Consolidated Mining Company	Geology & I. P. surveys	Unknown	Megabuck
1973-1974	Exploram Minerals Ltd	I.P. Survey Magnetometer Soils Geochemistry	24.1line-km 34.3 line-km 228 samples	Megabuck/Takom
1974-1977	Exploram Minerals Ltd	Diamond Drilling	5 holes -1056 m	Megabuck/Takom
1983	Archer Cathro and Assoc's	Geology Mapping Soil Geochemistry	2,100 samples	Peripheral Claims
1983-1984	Placer Development Co Ltd	Diamond Drilling Soil Geochemistry Mag/VLF-EM Seismic	15 holes -1266 m 910 samples 53.6 line-km 6 locations	Megabuck
1984	Archer Cathro and Assoc's	Soil Geochemistry	3,644 Samples	Peripheral Claims
1986	Big Rock Gold Ltd	Trenching	692 m	Megabuck/Takom
1987	Archer Cathro and Assoc's	I.P., Mag, & VLF-EM	70 line-km	Megabuck
1990	Auspex Gold Ltd	Soil Geochemistry	58 samples	Takom
1991-1992	Noranda Exploration Co	Airborne Mag/EM Soil Geochemistry Test Pitting	222 km 22 samples 44 pits	Megabuck/Takom/ Spellbound
1999	Phelps Dodge Corporation	Diamond Drilling	4 holes -198 m	Megabuck
2001	Fjordland Exploration Inc	I.P. Survey	23 km IP	Megabuck
2002	Fjordland Exploration Inc	Diamond Drilling	5 holes - 1009 m	Megabuck

Table 2: Historic Exploration Chronology

The first gold found in the Cariboo was along the Horsefly River in 1859. A second gold rush period hit the Horsefly area in 1887. Placer gold operations were common throughout the Quesnel Belt during the early 1900's, however, records of activity in the property area are non-existent. The earliest recorded work in the area occurred in the 1960's prompted by the wave of exploration for porphyry copper deposits.

The history of the original discovery of the Megabuck Zone on the Woodjam claims is uncertain but presumably the area attracted initial attention due to a prospecting find. A small hand trench on the northern slope of the small knoll hosting the Megabuck Zone is the earliest testament to work in the area covered by the current claims. This work appears to predate the earliest documented work on the property that started in 1966.

From 1966 to 1967 Helicon Exploration Ltd & Magnum Consolidated Mining Company conducted geology and induced polarization surveys on the Megabuck Zone (B.C. MMAR 1967). No assessment reports were filed and the details of exploration are unknown.

In the period 1973 to 1977 Exploram Minerals Ltd (Exploram) completed induced polarization and magnetometer surveys, soil sampling, and 1,056 metres of diamond drilling in parts of the current property referred to as the Megabuck and Takom zones.

In 1983, Placer Development Company (Placer) took an option on a claim covering the Megabuck Zone, the core area of the current property. After completing surface geological, geochemical and geophysical surveys, Placer drilled 1,266 metres in 15 holes (some of them very shallow and never reaching bedrock). Concurrently, Archer Cathro and Associates Ltd (AC&A) staked the Ravioli Claims, peripheral to claims covering the Megabuck and Takom Zones, and completed a program of soil sampling to the west and south of the Megabuck showing.

In 1984, following Placer's withdrawal from the project, AC&A optioned their Ravioli Claims to Rockridge Mining Corporation (Rockridge). Records are incomplete with respect to further endeavors by Rockridge, however Rockridge did retain AC&A to complete a soil and rock sampling program.

In 1986 Big Rock Gold Ltd (Big Rock) optioned the claims previously held by Rockridge as well as the ground in the Takom Zone with excluded ground in the vicinity of the southern portion of the Megabuck Zone. Big Rock contracted AC&A to excavate and sample 692 metres of overburden to bedrock in two trenches in the Megabuck Zone and 3 trenches in the Takom Zone. The two Megabuck trenches, situated approximately 50 metres apart, returning widths in excess of 57 metres of greater than 1.0 g/t gold mineralization. The three trenches in the Takom Zone returned one interval of 0.96 g/t gold over a two metre interval. No further work is known to have been done by Big Rock Gold.

In 1990 Auspex Gold Ltd completed a limited soil geochemistry program over the Takom Zone anomaly on their 2-claim property. The survey area duplicated previous soil sampling results and no new mineralization was discovered.

In 1991 Noranda Exploration Company Ltd. (Noranda) reassembled the claims via several option agreements. In 1992 Noranda completed an airborne geophysical survey, reconnaissance mapping and excavator test pitting in the area including and extending between the Megabuck and Takom zones. Later that year Noranda closed its BC office and the claim options were terminated.

In 1998 Wildrose Resources Ltd. (Wildrose) re-staked ground as the prior claims (originating in the 1970's and 1980's) began to expire. The final claim to complete the consolidation of the core area was staked in November 1998. In 1999 Wildrose optioned the now Woodjam claims to Phelps Dodge Corporation of Canada, Limited (Phelps Dodge). In February 1999 Phelps Dodge undertook additional staking to produce the current claim group and initiated a field program including reconnaissance mapping and prospecting and the drilling of 4 diamond drill holes totaling 198 metres. Despite significant gold mineralization (34 metres of 1.01 g/t gold) in their most northerly drill hole (DDH99-20), Phelps Dodge withdrew from the Woodjam project for corporate reasons (personal communication, R. Cameron, Phelps Dodge).

Fjordland completed a total of 23 line kilometres of IP and mag surveys on the Woodjam Property in 2001. The IP survey encompassed the area north, east and west of the Megabuck Zone. The survey defined a large, 1650 x 780 metre, chargeability anomaly extending northeast from the Megabuck Zone. Known areas of mineralization at the Megabuck Zone occur on the edge (gradient) of the anomaly southwest of the chargeability high. The chargeability high corresponds with a moderate to low resistivity feature.

In 2002 Fjordland diamond drill tested possible extensions of gold-copper mineralization to the north, northeast and southwest of the Megabuck Zone.

4. GEOLOGICAL SETTING

The Quesnel Trough, a large regional depositional feature extending 2000 kilometres from the U.S. border in the south to the Stikine River in the north, forms a portion of the dominantly alkalic and sub-alkalic volcanic and sedimentary assemblage. The Quesnel Trough assemblage hosts numerous deposits of porphyry gold-copper style mineralization generally related to dioritic or monzonitic sub-volcanic intrusive bodies (Barr, et al., 1976) including the Maud Lake, Mount Polley (Cariboo Bell), Kwun Lake, Lemon Lake and Quesnel River (QR) deposits.

The Quesnel Trough alkali-porphyry deposits occur in basalts and andesitic flows, fragmental rocks and alkalic intrusive complexes. They are generally gold-copper deposits consisting of chalcopyrite-pyrite and minor bornite sulphide mineralization. The sulphide zones are developed adjacent to concentrically-zoned alkaline plutons which are themselves seldom sulphide bearing.

The Quesnel Trough assemblage is made up of rocks of the Nicola (south), Takla (central) and Stuhini (north) Groups consisting of a series of volcanic islands characterized by generally alkalic to sub-alkalic basalts and andesites, related sub-volcanic intrusive rocks, and derived clastic and pyroclastic sedimentary rocks.

The basalts and andesites are subaqueous fissure eruptions associated with regional faults. At a late stage in the volcanic cycle large sub-aerial volcanic centres developed. These features consist largely of pyroclastic and epiclastic rocks, complex intrusive breccias, and small plutons or necks of diorite, monzonite and syenite. Commonly associated with the plutons is a late fumarolic or hydrothermal stage when large volumes of volcanic rocks were extensively altered to albite, K-feldspar, biotite, chlorite, epidote and various sulphides. The late metasomatic period involves introduction of volatiles and various metals in the vent areas and is a typical and important feature of the final stages of the volcanic cycle.

The Woodjam property is underlain by a succession of Triassic-Jurassic Takla Group volcanic and related sedimentary rocks intruded by the Jurassic aged Takomkane Batholith to the south. The claims include the northern contact with the batholith, several monzonite to syenite plugs of unknown affinity and two granodiorite plugs possibly related to the Takomkane Batholith. Younger Miocene aged basalts overlap these older units on the western side of the property and as isolated islands further to the east (Wetherup, 2000).

The Takla Group is typified by its preponderance of basalt to trachy-andesitic infill and its co-magmatic alkalic centres. Detailed work by Archer Cathro (Carne, 1984) has shown the Takla rocks on the property to be a complex succession of maroon and green augite and feldspar porphyries, with related tuffs, pyroclastic breccias and related sedimentary

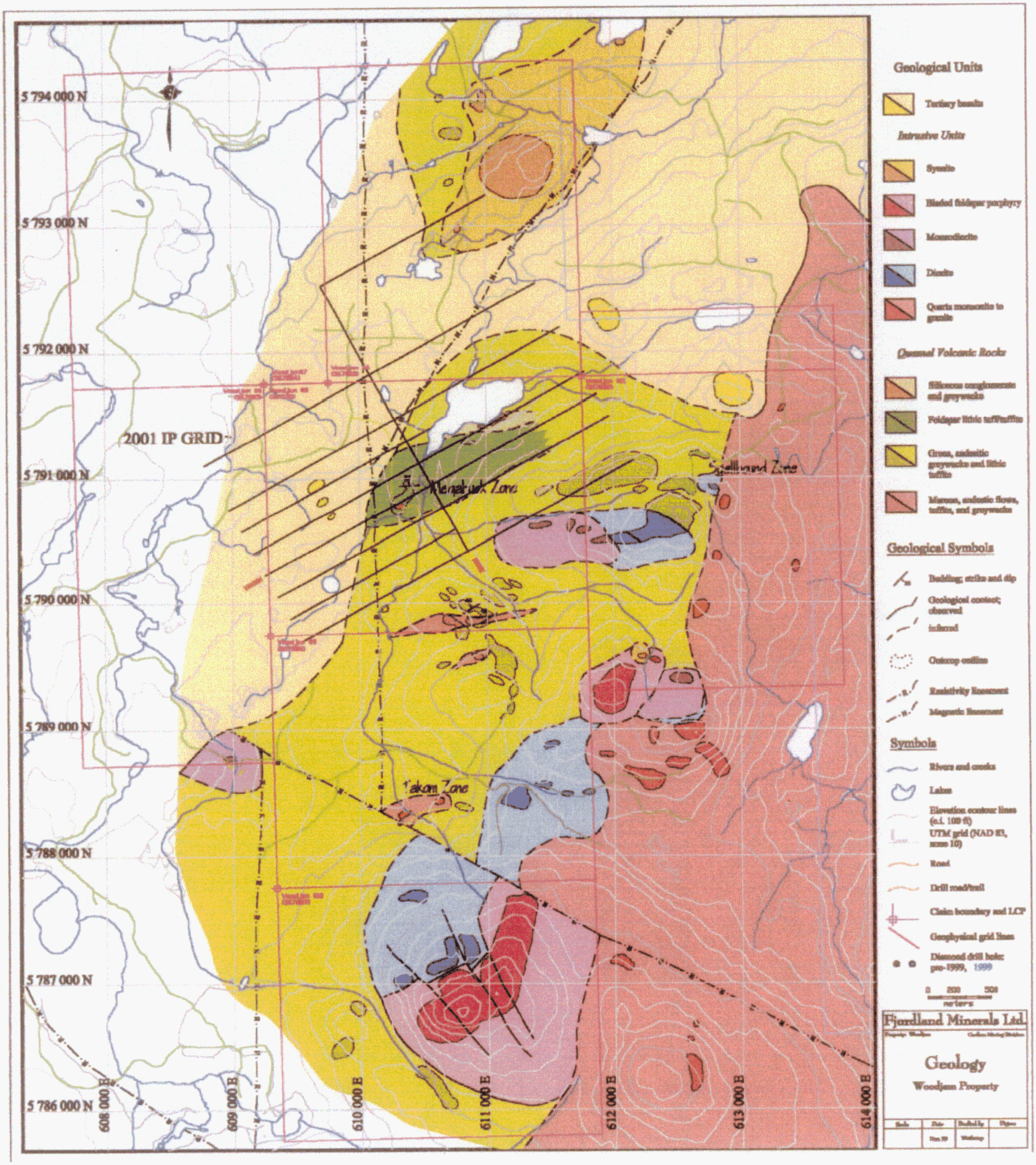


Figure 3: Property Geology (after Wetherup, 1999)

rocks. Some altered and brecciated rocks interpreted as sub-volcanic intrusive complexes occur, especially in the Megabuck Zone.

The Takomkane Batholith, on the other hand, is a large predominantly calc-alkalic intrusive with a surface expression of approximately 40 by 50 kilometres. It comprises one of a series of at least six large coeval bodies including the Guichon Batholith (hosting the Highland Valley deposits) and Granite Mountain Batholith (hosting the Gibraltar deposit). In the region of the Woodjam property the Takomkane Batholith is typically an equigranular granite to quartz-monzonite. Regional magnetic trends (GSC Aeromagnetic Maps 7221 G, 5239G and Exploram ground magnetics) show a distinct northeasterly strike in the area of the Megabuck and Takom Zones as opposed to the northwesterly grain evident elsewhere in the Quesnel Trough. This apparently represents an edge effect of the Takomkane Batholith, the magnetic patterns suggesting that the Takomkane may underlie the Takla rocks at no great depth over much of the property (Peatfield, 1986).

Property Geology

The most recent geological interpretation of the Woodjam Property was made by Phelps Dodge Corporation of Canada, Limited (Wetherup, 2000) as follows (Figure 3):

"The east side of the Woodjam Property is underlain by quartz monzonite to granite of the Takomkane Batholith. The remainder of the property contains exposures of andesitic tuff; tuffite, flows, greywacke, and minor conglomerate, which are intruded by small syenite, quartz monzonite, or monzodiorite bodies. Overlying all of these rocks are tertiary basalts that appear on the western and northern portions of the property.
The Takomkane Batholith on the property is homogenous in both texture and composition. It is generally a medium to coarse grained, equigranular, white, quartz monzonite to granite, with 5 to 15% hornblende, and rare biotite. A number of border phases occur adjacent to the batholith. These include several diorite and monzodiorite plugs and dykes as well as a distinctive bladed feldspar granodiorite porphyry. The diorite and monzodiorite phases can grade into one another through a number of discrete transitional phases over a few hundred metres. Diorite and monzodiorite rocks are medium grained, and contain 10-20% hornblende as the dominant mafic mineral. However, euhedral pyroxene phenocrysts are obscured locally, in the absence of hornblende, and comprise 5-20% of the rock. Two bladed feldspar granodiorite bodies occur at the south end of the property, and are characterized by 10-25%, 5-10 mm long feldspar laths in a light grey fine grained matrix. Epidote alteration of the feldspars is common and specular hematite is also locally found within the feldspar grains.

Volcanic units on the property are comprised mostly of monotonous fine grained, green, andesitic tuffite/tuff/greywacke. Mauve andesite flows and tuffite beds, as well as siliceous conglomerate layers occur but are rare. In the Megabuck area, the volcanic units are more variable and coarser grained often containing broken 3-4 mm feldspar crystals. Bedding measurements throughout the property trend west to west-southwest dipping moderately to the north. The crystal tuff/tuffite units appear to continue to the northeast of the Megabuck Zone and are overlain by a pyritic, siliceous conglomerate. Andesitic volcanic breccias are also seen in the drill core from the Megabuck Zone.

Hornfels and epidote alteration is prevalent within the volcanic units and increases in intensity with proximity to the Takomkane Batholith and its satellite phases. Weak epidote alteration takes the form of epidote rich pods (1-3%) which occur predominantly along bedding planes. Moderate alteration is typified by numerous epidote pods (5% to 15% of the rock) and pervasive epidotization of the remainder of the rocks mass (5-15%). Finally, intensely altered volcanic rocks are highly magnetic and contain abundant epidote throughout (15-20%). Locally, magnetite- epidote alteration can grade into magnetite-biotite (potassic) alteration. East of the Takom Zone, podiform epidote alteration occurs along east-west oriented fractures within diorite and is associated with tourmaline veining and rare chalcopyrite. Tourmaline veining also occurs within hornfelsed volcanic rocks in the Spellbound Zone. "

Mineralization

Two mineral occurrences located on the property are listed on the BC Ministry of Energy and Mines' Minfile database. Details of the occurrence, as stated by the database are as follows:

Name: Woodjam (Minfile #093A 078)
Status: Developed Prospect
Commodity: Au, Cu

Gold is associated with disseminated and microvein chalcopyrite in Eocene aged volcaniclastic rocks including partially propylitized hornblende-feldspar porphyry flows and flow breccias. The mineralized zone is intensely silicified and contains blebs and pods of epidote and thin stringer veins of quartz, magnetite and chalcopyrite.

Big Rock Gold Ltd quoted in their prospectus (Peatfield, G.R., 1986) a resource of 1,360,000 tonnes @ 0.70 g/t Au surrounding 725,000 tonnes @ 1.30 g/t Au and 0.15% Cu.

Name: WL (Minfile #093A 124)
Status: Showing
Commodity: Cu, Mo

Mineralization, which consists of chalcopyrite, pyrite, magnetite and minor molybdenite, occurs as disseminations, in quartz stringers and along fractures in both granodiorite and Eocene aged andesitic and dacitic breccias.

Exploration by Exploram in the 1970's and Noranda in 1992 uncovered three zones of mineralization on the Woodjam Property namely:

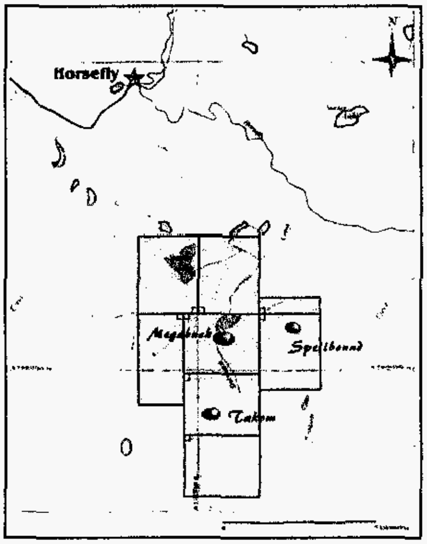


Figure 4: Mineralization

a) The Megabuck Zone.
b) The Takom Zone (located 2.5 kilometres south of the Megabuck Zone).
c) The Spellbound Zone (located 2.0 kilometres east of the Megabuck Zone).

a) Megabuck Zone

Interest in the Woodjam property is presently largely related to bulk tonnage gold-copper mineralization occurring in a complex pile of brecciated monzonite intrusives and potassic- sericitic altered volcanics and subvolcanics. Monzonite intrudes highly altered, fractured and brecciated volcanics, containing numerous irregular monzonite lenses and fragments. Although gold and copper content of the volcanics is markedly less than that of the monzonite, it still contains up to 1.85 g/t gold. Alteration of the monzonite consists of potash feldspar, chlorite-carbonate with epidote, and magnetite (Cruz, 1974).

Alteration of the volcanic rocks consists of patchy silicification and chloritization, with local development of epidote, magnetite and pyrite, and rare chalcopyrite. Hornfelsing is prevalent within the volcanic units in increasing intensity towards the intrusives. Hornfels is manifested by disseminated and replacement concentrations of epidote and tourmaline.

Sulphide mineralization occurs as chalcopyrite and lesser bornite within quartz veinlets, fractures and as disseminations outside of quartz veinlets (Morten, 2001). Pyrite is relatively common as disseminations, especially peripheral to the zones of copper-gold mineralization and in apparently younger zones of argillic alteration (Main, 1986). Gold is believed to occur as tiny blebs within the chalcopyrite (Pryce, 1983). Magnetite is usually present in concentrations of 1-3% throughout the rock, and calcite veinlets are common.

In 1985 Archer Cathro & Assoc. (Wilson, 1985) compared gold and copper distribution from drilling results in probability and Cu-Au x-y plots. A bimodal distribution of gold became evident. Mode A, an earlier and more extensive variety; is associated with potassic flooding and with chalcopyrite that occurs as disseminations and in thin quartz veinlets. This is probably porphyry-copper" type mineralization, similar to the nearby Cariboo Bell deposit. Mode B is related to an epithermal system that has introduced quartz veining, brecciation, bleaching, and silicification accompanied by sericitic and argillic alteration. These features are particularly intense in two or three intervals of drill core, indication that this system is probably localized along structural breaks or permeable channels." Mode B mineralization appears to have a higher gold content.

On the NE side of the hill hosting the Megabuck showing the intrusive complex appears to pass abruptly into a 700 to 800 striking pile of felspathic tuff and fragmental rocks indicating a possible fault. A prominent gully here mimics this trend.

Known areas of mineralization at the Megabuck showing fall on the edge (gradient) of an open-ended induced polarization chargeability anomaly that measures approximately 500 metres by 1,000 metres. The overburden covered area north and east of this hole remains a prime target area.

A total of 23 holes totaling 2,437 metres (ranging in depth from 12 metres to 200 metres) were drilled in the Megabuck Zone (several abandoned in overburden) prior to Fjordland's exploration activities. Drilling has constrained mineralization to the south, however, the zone is open to the north, east and west. Two trenches were excavated in the north end of the Megabuck Zone with mineralization being open in this direction.

Noranda Exploration Company identified a glacial dispersion train, consisting of angular boulders (float), to the northwest of the Megabuck Zone in 1992 (shortly before closing the Vancouver office). A quotation from Noranda's last report (Walker, 1992) concerning the dispersion train reads as follows: *"The strongest copper and gold responses from the rock samples came from the Megabuck float train where values of 0.1 -0.4% copper and 1-6 gpt (g/t) gold were recorded. This float train with this range of values is traceable for at least 2 kilometres west-north-west of the showing".* Many of the float samples are higher grade than are explained by known mineralization suggesting that considerable potential exists to expand the Megabuck zone.

The primary objective on the Woodjam Property is expanding the area of known mineralization in the Megabuck Zone. The final paragraph of the May 19, 2000 Phelps Dodge report (Wetherup, 2000) reads: *"Work to date was successful in extending the depth extent of the Megabuck Zone, however holes drilled south and southeast of the zone were barren. The zone is partially open to further drill extensions to the northeast and northwest. This would be aided by additional magnetic, induced polarization and soil geochemical surveying.".* Previous induced polarization surveys completed in this area were done in the early 1970's (Exploram, 1974) or using a low- powered transmitter (AC&A, 1987). As a result Fjordland Exploration Inc completed a new, deeper, higher-powered IP survey over the Megabuck Zone extending to the north, east and west in September 2001.

The 2002 diamond drill program was focused exclusively on a large, 1650 x 780 metre, chargeability anomaly extending northeast from the Megabuck Zone.

b) Takom Zone

Outcrop in the Takom Zone is sparse aside from three trenches established by Archer Cathro and Associates in 1986 and recent road cuts resulting from logging. The zone occurs within partly brecciated augite and feldspar porphyry flows and volcaniclastics containing patchy chlorite and argillic alteration, cut by quartz-carbonate veins. Granodiorite, biotite-quartz diorite and monzodiorite here intrude Mesozoic aged volcanics. Volcanic units are invariably hornfelsed and in one location, southeast of the showings, tourmaline has locally replaced up to 75% of the rock.

Significant shearing is evidenced in the vicinity of known mineralization exposed by the 1996 trenches. A large coherent soil copper anomaly (~500m x 1200m) has been outlined in surface till. The anomaly extends approximately 1 kilometre up-ice (to the east) from known areas of mineralization and cannot be adequately explained by the showings. A horseshoe-shaped induced polarization chargeability anomaly measuring 1 by 2 kilometres extends to the south, east and west of areas of known mineralization. Four holes totaling 663 metres were drilled in the Takom Zone from 1973 to 1977. A 10.6 metre intercept grading 1.27 g/t gold and 0.13% copper was obtained from Exploram's hole 74-3 where granodiorite and hornblende quartz-diorite intrude the volcanics.

The large IP zone located here may indicate that a substantial pyritizing event has happened. Diamond drilling and trenching identified only narrow zones of mineralization and attempts to use the IP anomaly to target significant copper-gold mineralization have not yet been successful. While it is acknowledged that there are lots of good ingredients in this area, the Takom Zone should be relegated to a lessor priority until significant exploration budgets are available. In the short term, additional prospecting and rock sampling of new road-cuts could be considered.

c) Spellbound Zone

Very little additional work has been completed at the Spellbound Zone subsequent to its 1992 identification by Noranda. Exposure here along a road-cut consists of pervasive epidote and tourmaline replacement in hornfelsed volcanics adjacent to a quartz diorite intrusion. A weak quartz stockwork here contains minor quantities of chalcopyrite. A very small soil sampling program completed by Noranda in 1992 returned anomalous values to the edge of the survey approximately 150 metres east of the road-cut with the most easterly soil sample returning 803 ppm Cu. The true size of the Spellbound Zone remains unknown.

Discovery Zone

Drilling on the eastern periphery of IP anomalies, discovered during Fjordland's 2001 geophysical program, delineated a new zone of mineralization. Drilling intersected a zone of fractured, brecciated and altered volcanics dominated by quartz-carbonate veining and semi-massive chalcopyrite mineralization. Composite grades of 42.3 ppb Au and 0.90% Cu over 15.4 metres, including an interval of 340 ppb Au and 7.2% Cu over 1.14 metres, were encountered during drilling.

5. 2003 EXPLORATION PROGRAM

Objectives

In 1986 Archer Cathro and Associates (on behalf of Big Rock Gold Ltd) excavated and sampled 2 trenches in Megabuck Zone. Situated approximately 50 metres apart, the trenches returned significant widths of gold mineralization greater than 1.0 g/t gold. From 1974 to 1999 a total of 23 diamond drill holes, totaling 2,437 metres and ranging in depth from 12 metres to 200 metres, were drilled in the Megabuck Zone by Exploram Minerals Ltd, Placer Development Company, and Phelps Dodge Corporation of Canada, Limited.

A number of historic geophysical surveys, including magnetometer, I.P., VLF-EM, aerial magnetics, and seismic, have been conducted on the Woodjam property. Magnetometer surveys conducted in the 1980's by Archer Cathro concentrated on the peripheral areas north and south of the Megabuck Zone and the two IP surveys previously conducted were insufficient for targeting drill holes. As a result, in 2001 Fjordland initiated a program of geophysical surveys including IP and magnetometer on possible eastern extensions of mineralization (Figure 9). The survey defined a large, 1650 x 780 metre, chargeability anomaly extending northeast from the Megabuck Zone.

Fjordland's 2002 diamond drill program, completed in November 2002, tested possible extensions of gold mineralization to the north, northeast and southwest of the Megabuck

Zone. Gold-copper mineralization, related to disseminated chalcopyrite in quartz veinlets, cuts across a layered sequence of fine to coarse pyroclastic and volcano-sedimentary rocks. Faulting of the layered sequences restricts correlation between drill holes. Host rocks are propylitized exhibiting sericitic and potassic alteration near mineralized zones.

Since the 2002 diamond drill program, three limited soil sampling and prospecting programs were conducted in the vicinity of the 2001 IP chargeability anomaly located to the east of the Megabuck Zone. Soil samples were collected to determine the possible viability and validity of utilizing soil geochemistry within the tills.

A diamond drilling program, consisting of 5 holes totaling 1,009.4 m, was conducted on the property between 8th August - 21st October 2002. The objective of the 2002 drilling program was to test the IP anomaly defined by the 2001 exploration program as well as delineate potential extensions from known mineralization outlined by previous drilling in the Megabuck Zone.

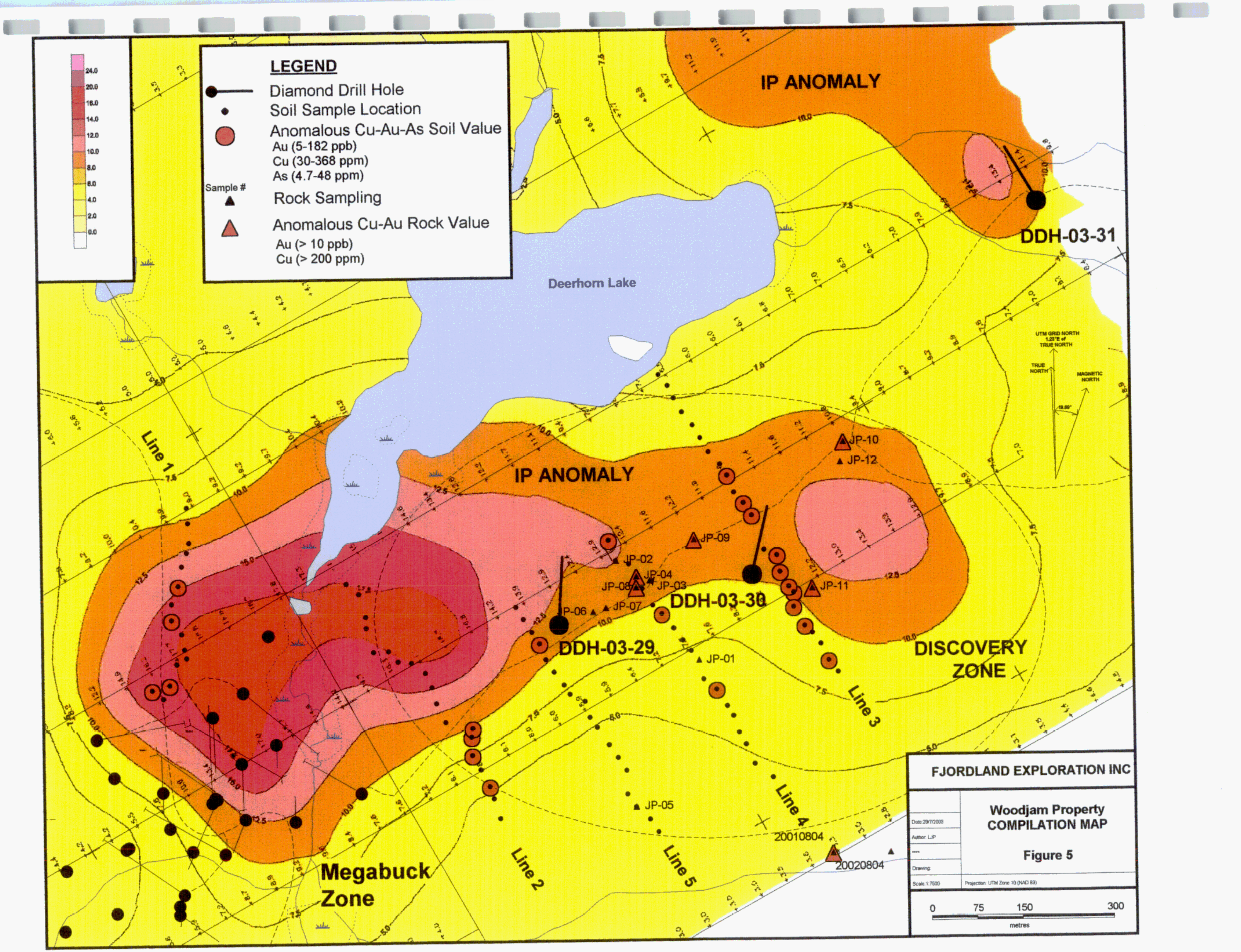
A follow-up diamond drilling program, consisting of 3 holes totaling 460.85 metres, was conducted on the property between 5th - 20th November 2003. The objective of the 2003 drilling program was to test the periphery of the IP anomaly defined by the 2001 exploration program as well as delineate potential extensions from known mineralization outlined by previous drilling in the Megabuck Zone. Drill holes were collared in the proximity to locations of soil and rock samples anomalous in gold and copper taken in 2003.

Soil Geochemical Survey

A total of 57 soil samples were collected by the author along 3 lines on 25 May 2003. An additional 36 soils were collected by the author on 2 infill lines on 14 July 2003.

Statistical analyses of gold-copper-arsenic content in soils resulted in a 90th percentile grouping of 22 samples grading greater than 5 ppb Au, 30 ppm Cu, or 4.7 ppm As (Figure 5). These anomalous soil samples were mainly localized along the periphery of the highest chargeability zone of the IP anomaly to the east of the Megabuck Zone (Discovery Zone). This is consistent with mineralization encountered in the Megabuck Zone and the geological model of copper-porphyry systems. Overburden cover in the area between Line 3 and Line 5 was relatively shallow (between 7 m and 13 m as demonstrated during drilling) suggesting that soil geochemistry may be a useful tool in delineating subsurface mineralization in the area.

As the surface substratum is composed of transported glaciated tills, it is possible that some contamination from external sources or possibly a dispersion pattern may be the source of anomalous results. This is most likely the case along Line 1. Noranda Exploration Company identified a glacial dispersion train, consisting of mineralized angular boulders (float), to the northwest of the Megabuck Zone in 1992. This is consistent with the direction of glacial flow (northwest) and the proximity of anomalies in Line 1. Alternatively, drilling in 2002 on DDH-02-26 intersected a high grade example of a narrow, higher gold grading fault controlled interval to the northwest of the Megabuck Zone with mineralization over 2 metre zone grading 8.2 g/t Au and 0.011% Cu. This suggests that anomalous results may not be due solely to glacial dispersion.


LEGEND
Diamond Drill Hole
Soil Sample Location
Anomalous Cu-Au-As Soil Value
Au (5-182 ppb)
Cu (30-368 ppm)
As (4.7-48 ppm)
Sample #
Rock Sampling
Anomalous Cu-Au Rock Value
Au (> 10 ppb)
Cu (> 200 ppm)
24.0
20.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
IP ANOMALY
Deerhorn Lake
DDH-03-31
IP ANOMALY
DDH-03-30
DDH-03-29
DISCOVERY ZONE
Megabuck Zone
Line 1
Line 2
Line 3
Line 4
Line 5
JP-01
JP-02
JP-03
JP-04
JP-05
JP-06
JP-07
JP-08
JP-09
JP-10
JP-11
JP-12
20010804
20020804
UTM GRID NORTH
TRUE NORTH
MAGNETIC NORTH
FJORDLAND EXPLORATION INC
Woodjam Property
COMPILATION MAP
Figure 5
Projection: UTM Zone 10 (NAD 83)
0
75
150
300
metres

Rock Sampling/Prospecting Survey

A total of 12 rock samples were collected by the author on 14 July 2003 while prospecting the locations of anomalous soil results. Boulders and angular float were widely scattered on surface in the general location of a new logging road near Line 4. There were no in-situ rock outcropping in the Discovery Zone. Locations of rock samples can be seen of Figures 5 and 9.

An additional 7 rock samples were taken by W. Morton of Mincord Exploration from 4 - 7 August 2003 during a reconnaissance of the property.

Descriptions and analytical results follow in Tables 3 and 4.

Sample	Type	Description	Au (ppb)	Cu (ppm)
JP-01	float	sil volc, <1% vfg S	1.4	19.8
JP-02	float	sil volc, <1% S (silvery)	0.7	1.0
JP-03	float	high epidote volc, tr S	1.4	2.2
JP-04	float	volc, propylitic alt, cpy/py in clusters	19.7	4765.1
JP-05	float	volc, sil, diss vfg S (py?)	0.7	45.0
JP-06	float	volc, high epidote, vfg diss S	1.4	25.6
JP-07	float	volc, sil, ~epid, qtz vnlt, tr cpy	0.7	66.9
JP-08	float	volc, 5% py, high epid, sil	11.4	922.0
JP-09	grab	volc, high epidote, 5-10% S	13.9	64.3
JP-10	float	volc, 2% vfg diss py, tr cpy	1.0	277.7
JP-11	grab	volc, highly alt, py seam, mn stained	20.5	57.1
JP-12	float	volc, sugary texture/highly alt, no magn, small bl min (hem?)	2.8	1.0

Table 3: Rock Sampling (L. Peters, 2003)

Sample	Type	Description	Au (ppb)	Cu (ppm)
8/4/2001	grab	Grey tuff, minor pyrite, may be hornfelsed, subcrop.	14	< 1
8/4/2002	grab	Grey tuff, similar to previous sample, outcrop	2	< 1
8/4/2003	grab	Syenite, subcrop.	7	< 1
8/7/2001	grab	Syenite, kfsp rich, subcrop.	12	< 1
8/7/2002	grab	Syenite, rubble on edge of access road.	5	2
8/7/2004	grab	Syenite, rubble, on recent skid road.	2	4
8/7/2005	grab	Syenite, rubble, on recent skid road.	5	< 1

Table 4: Rock Sampling (W. Morton, 2003)

Float samples were taken from boulders and debris exposed on the surface and are believed to be transported over a short distance. Grab samples were selectively chipped from exposed outcrop and were taken on the basis of mineralization or alteration.

Diamond Drilling

Previous drilling on the property is described in Section 8: History and listed below in Table 5 including significant mineralized composite intervals.

Zone	By	HOLE-ID	ELEV (m)	AZ	DIP	LENGTH (m)	O/B (m)	Au (g/t)	Cu (%)	From (m)	To (m)	Interval (m)
Megabuck	Explor am	74-01	996	360°	-46°	228.6	1.4	1.24	0.13	1.1	88.7	87.6
		74-02	996	205°	-45°	175.3	2.7	0.77	0.08	4.8	149.4	144.6
	Placer	83-03	989	179°	-60°	175.6	4.8	0.54 0.39	0.13 0.05	30.0 147.0	36.0 165.0	6.0 18.0
		83-04	989	180°	-60°	152.0	3.7	1.30	0.16	3.7	51.0	47.3
		83-05	995	180°	-60°	65.8	29.9	NSI				
		83-06	1000	360°	-50°	96.3	18.5	0.65	0.15	18.3	66.0	47.7
		83-07	1000	180°	-60°	68.0	21.3	0.47	0.08	21.3	68.0	46.7
		83-08	971	1°	-60°	84.1	19.4	NSI				
		83-09	980	203°	-50°	90.2	11.3	NSI				
		83-10	971	181°	-60°	70.1	9.4	NSI				
		83-11	972	0°	-90°	80.8	9.6	NSI				
		83-12		0°	-90°	30.5	11.6	0.23	0.04	11.6	30.0	18.4
		83-13	996	0°	-90°	12.0	2.1	0.79	0.11	2.1	12.0	9.9
		83-14		0°	-90°	19.8	19.8	-				
		84-15	1002	0°	-90°	71.3	33.8	NSI				
		84-16	1010	0°	-90°	42.7	42.7	-				
		84-17	998	0°	-90°	69.2	34.8	0.14	0.02	36.0	66.0	30.0
		84-18	998	0°	-90°	72.2	33.8	NSI				
		84-19	1005	0°	-90°	65.8	30.8	NSI				
	Phelps Dodge	99-20	996	0°	-90°	200.3	2.4	0.98	0.13	2.4	44.0	41.6
		99-21		125°	-72°	160.6	25.9	NSI				
		99-22		305°	-72°	227.4	31.1	NSI				
		99-23		35°	-54°	178.6	19.5	NSI				
	Fjordland	02-24	923	130°	-45°	219.5	3.7	0.15	0.02	137.0	219.5	82.5
		02-25	910	300°	-43°	205.7	9.8	0.33	0.07	9.8	182.0	172.3
		02-26	939	80°	-45°	209.1	21.3	8.16	0.01	119.0	121.0	2.0
		02-27	923	305°	-45°	223.1	28.5	0.14	0.03	30.0	168.0	138.0
		02-28	932	300°	-45°	152.0	30.5	0.02	0.01	30.5	153.1	122.6
Takom	Exploram	74-03	994	270°	-45°	230.0		1.30	0.13	108.2	118.9	10.7
		74-04	968	268°	-45°	152.4		NSI				
		74-05	1007	115°	-45°	116.7		NSI				
		77-01	970	140°	-45°	153.0		0.002	0.09	100.6	104.2	3.6
					Total	4098.7 metres						

Table 5: Historic Drill Summary

The 2003 diamond drilling program, conducted on behalf of Fjordland, was contracted to and carried out under the supervision of Mincord Exploration of Vancouver, BC. Drilling was completed by LeClerk Drilling Ltd of Cranbrook, BC. Core was logged by Jay W. Page of Vernon, BC and split and sampled by J.P. Charbonneau of Williams Lake. A property visit was conducted by the author during between 15 - 17 November 2003 during the diamond drill program. All drill setups were visited and all core from the 2003 program was examined on-site.

A Longyear Super 38 diamond drill was used to drill NQ (47 mm) sized core. An International TD-15 Dozer was used to construct drill pads. Drill collar locations were measured by GPS on UTM Nad83 projection, Zone 10. Dip tests were done using a conventional acid bottle that was corrected to true dip using a chart.

All of the core obtained during the 2003 drilling program was sampled. The drill core was logged, split and sampled on site. Core was split into halves using a manual core splitter, one half placed into plastic sample bags and shipped to Acme Analytical Laboratories Ltd. (Acme) for analyses. The remaining drill core half was left in labeled core boxes on-site.

Sample intervals were selected at 3.0 metres downhole (dh) or less depending on geology and mineralization. The intervals were deemed adequate given the broad extent of mineralization demonstrated from historic drilling. Acme Labs performs routine check analyses during sample runs. It is the author's opinion that the data obtained during the program is reliable.

A plan map showing drill hole locations relative to previous drilling is presented on Figure 5. Cross sections of drilling showing geology and Au-Cu grade distributions (presented as histograms) are presented on Figures 6-8. Logged descriptions of drilling by J. Charbonneau and accompanying analytical results are presented in Appendix B. A summary of drilling including notable composite grades follows on Table 6.

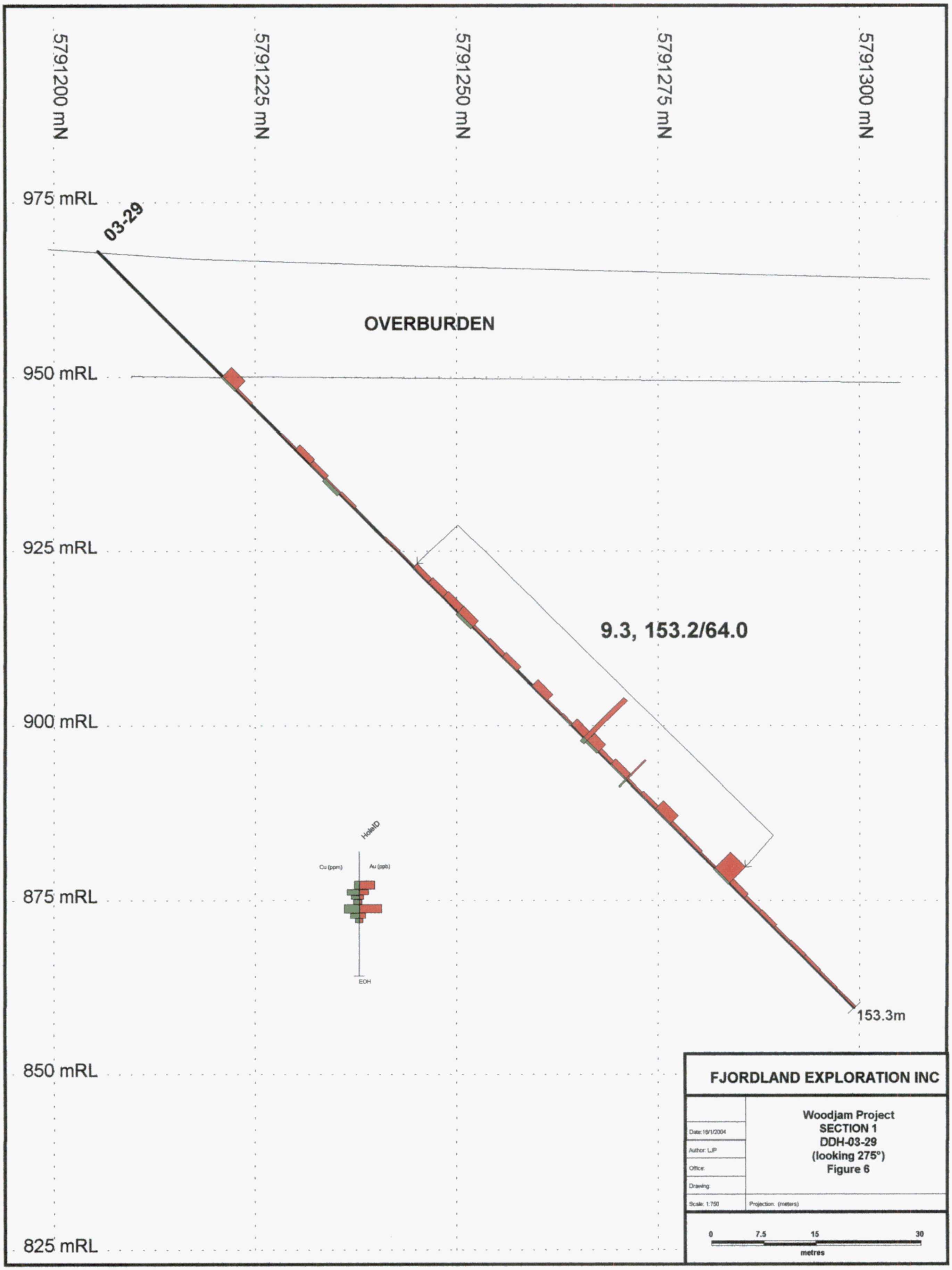
Hole	From (m)	To (m)	Interval (m)	Au (ppb)	Cu (ppm)
DH-03-29	64.00	128.00	64.00	9.3	153.2
including	107.00	107.25	0.25	38.4	1472.5
DH-03-30	21.00	88.00	67.00	17.2	2201.6
including	43.52	58.92	15.40	42.3	9013.3
including	45.78	46.92	1.14	340.0	71920.0
and	100.00	103.00	3.00	27.1	635.0
DH-03-31	57.91	73.00	15.10	8.1	268.2
including	57.91	61.00	3.09	19.8	848.9
and	106.00	115.00	9.00	3.3	431.9
including	106.00	108.55	2.60	6.6	826.3
and	130.00	148.00	18.00	3.0	244.1

Table 6: Drill Grade Composites

The 2003 drill program crosscut layered sequences of andesite crystal tuffs and fine pyroclastic rocks and their reworked or sedimentary equivalents. The layered sequence varies from dominantly tuff, crystal lapilli tuff, and volcanic breccia. Shearing and faulting occurring throughout the layered sequence contain hematite coatings and minor gypsum.

Rock units encountered during drilling show various types and degrees of alteration. Significant bleaching of rock units occurs in and around fault zones. Propylytic, potassic, and sericitic alteration is evident with feldspars and mafic minerals having been altered to epidote and chlorite.

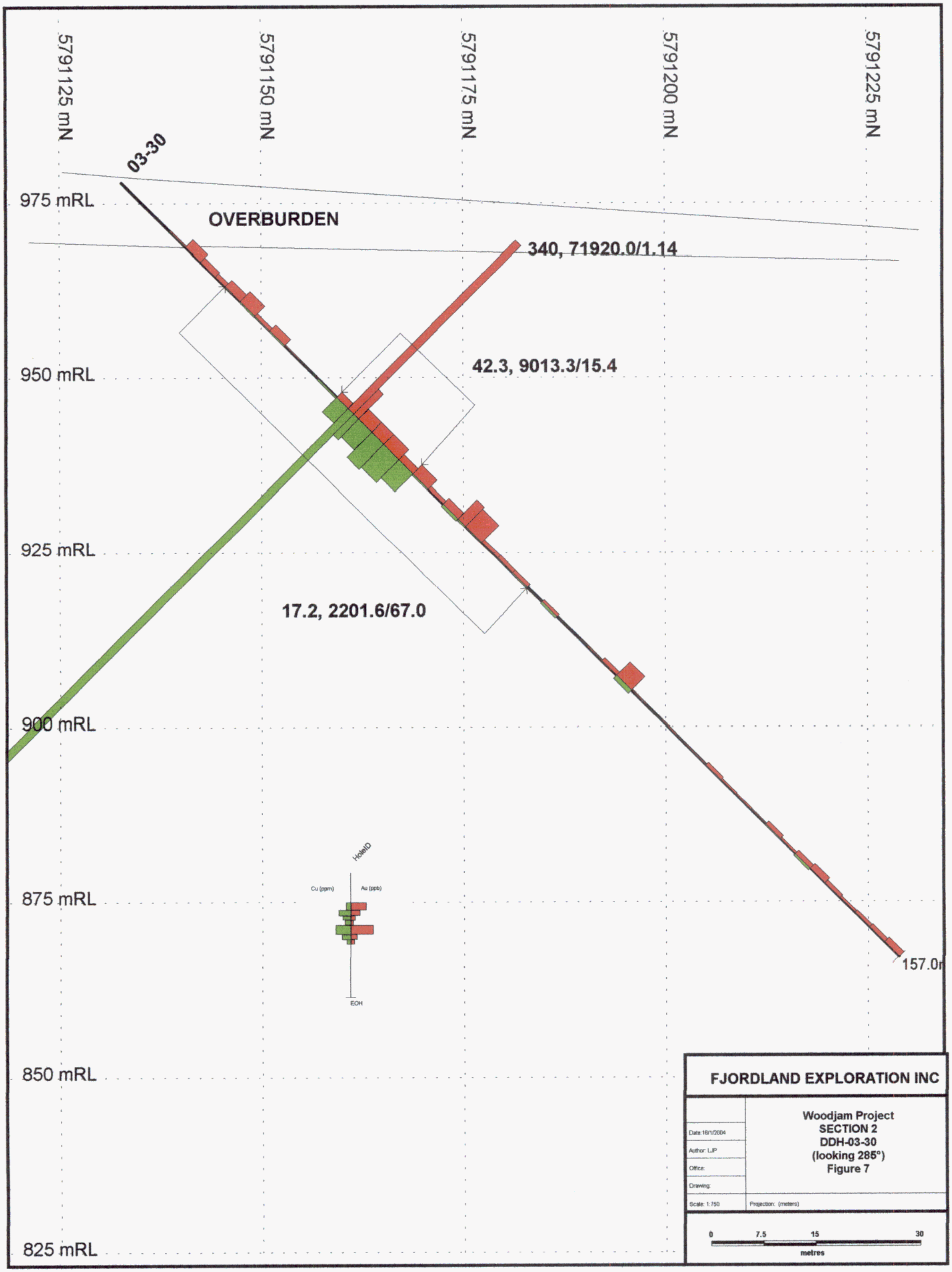
Quartz ± carbonate stringers and veinlets are pervasive throughout the layered sequence. Visible gold was not encountered in any of the drill core, however, it is believed to be associated with chalcopyrite. The best gold values show good correlation with sections of core containing numerous chalcopyrite-bearing quartz veinlets. Gold

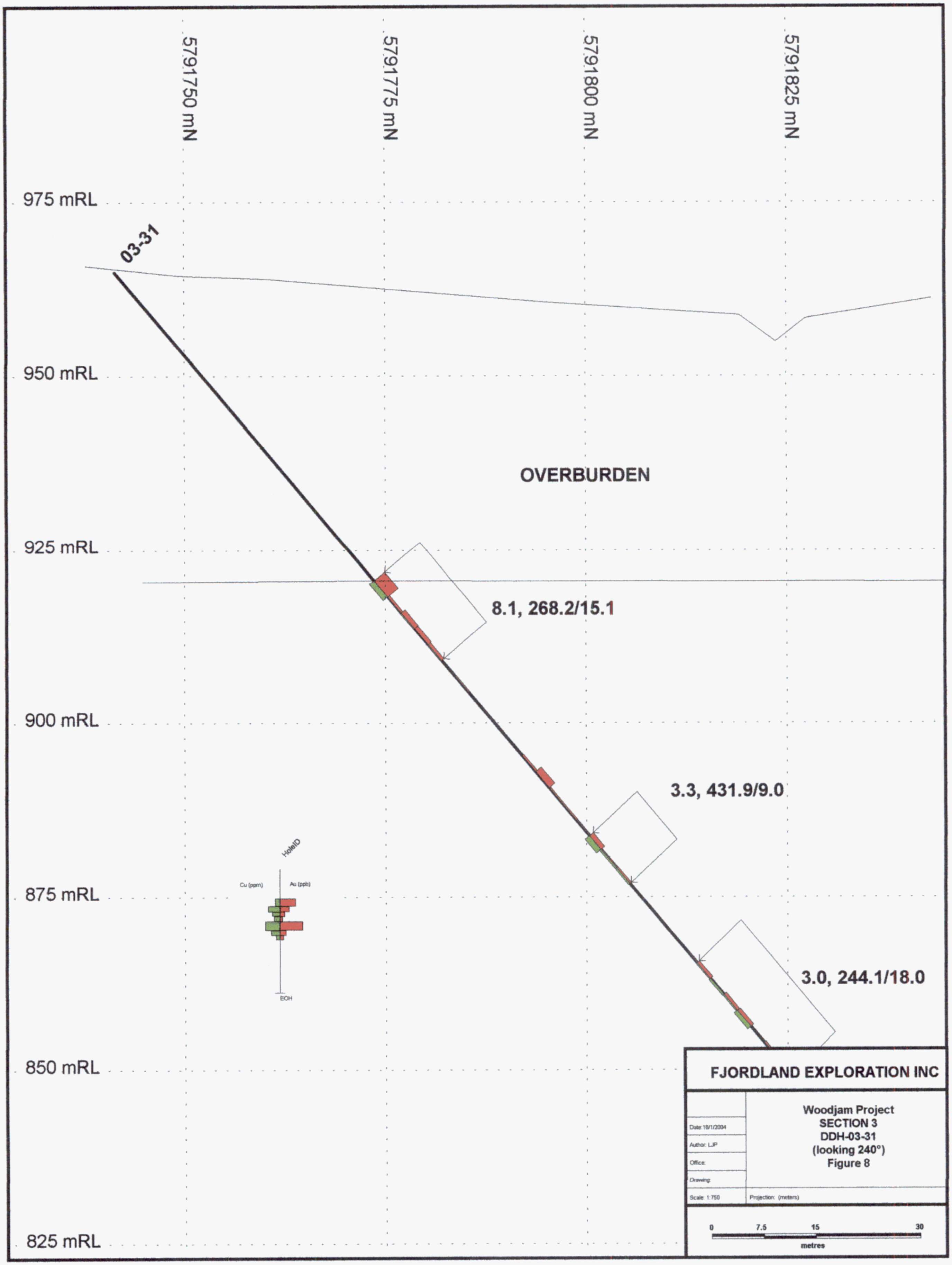


FJORDLAND EXPLORATION INC

Woodjam Project
SECTION 1
DDH-03-29
(looking 275°)
Figure 6

Date: 16/1/2004
Author: LJP
Office:
Drawing:
Scale: 1:750
Projection: (meters)


5791125 mN
5791150 mN
5791175 mN
5791200 mN
5791225 mN
03-30
975 mRL
OVERBURDEN
340, 71920.0/1.14
950 mRL
42.3, 9013.3/15.4
925 mRL
17.2, 2201.6/67.0
900 mRL
875 mRL
157.0m
850 mRL
825 mRL
HoleID
Cu (ppm)
Au (ppb)
EOH
FJORDLAND EXPLORATION INC
Woodjam Project
SECTION 2
DDH-03-30
(looking 285°)
Figure 7
Date:18/1/2004
Author: LJP
Office:
Drawing:
Scale: 1:750
Projection: (meters)
0
7.5
15
30
metres



5791750 mN
5791775 mN
5791800 mN
5791825 mN
975 mRL
950 mRL
925 mRL
900 mRL
875 mRL
850 mRL
825 mRL
03-31
OVERBURDEN
8.1, 268.2/15.1
3.3, 431.9/9.0
3.0, 244.1/18.0
HoleID
Cu (ppm)
Au (ppb)
EOH
FJORDLAND EXPLORATION INC
Date:16/1/2004
Author: LJP
Office:
Drawing:
Scale: 1:750
Woodjam Project
SECTION 3
DDH-03-31
(looking 240°)
Figure 8
Projection: (meters)
0
7.5
15
30
metres

concentrations appear to be lower in the new "Discovery Zone" than encountered in the Megabuck Zone.

DH-03-29 was collared 425 metres to the northeast of DH-02-28, the eastern-most hole drilled in the Megabuck Zone in November 2002. The hole is situated between Lines 4 and 5 north of a recently constructed logging road. The hole was intended to test mineralization on the eastern flank of the 2001 IP chargeability anomaly. The hole intersected weakly magnetic andesitic crystal tuffs, showing intense and pervasive propylitic alteration. Feldspar crystals were altered to epidote and sericite and the fine-grained mafic matrix was altered to chlorite. Mineralization consists of fine-grained pyrite and traces of chalcopyrite.

DH-03-30 was collared 330 metres east-northeast of DH-03-29. The hole is situated 40 metres west of Line 3 approximately 80 metres south of the logging road. The hole was drilled to test the large number of soil anomalies on Line 3 coinciding with the IP anomaly. The hole intersected moderate to intensely altered andesitic crystal tuffs and several breccia zones. Pyrite is commonly present in minor concentrations up to 3%. A breccia zone (Table 6) dominated by quartz-carbonate veining and semi-massive chalcopyrite mineralization was intersected at approximately 43.5 metres downhole. Since only one hole intersected this zone, true thickness could not be calculated for mineralized composites.

DH-03-31 was collared approximately 775 metres northeast of DH-03-30. The hole is located next to the logging road between two small tributaries to Deerhorn Lake. The hole was drilled to test a satellite IP chargeability anomaly. The hole drilled through an assemblage of unsorted pyroclastic tuffs, greywackes, and reworked sediments. The upper part of the hole shows multi-phase brecciation and veining, the proportion of tuff increasing toward the bottom of the unit. Pervasive sericite and carbonated alteration is common with abundant tourmaline alteration in fractures evident. Weak mineralization, consisting mainly of pyrite, increases to the end of the hole.

Sample Handling and Preparation

Soil samples were taken from tills and, where possible, from the local "B" horizon using a hand auger. Samples of no less than 500 grams were placed into "Kraft" paper soil sample bags and each bag was marked with the line and station.

Samples were taken at 50 metre intervals along 4 lines (Lines 2-5) spaced approximately 200 metres apart to the east of the Megabuck Zone. Samples along an additional line (Line 1) were taken to the north of the Megabuck Zone. UTM coordinates were recorded at each location using a Garmin 12Map GPS. Descriptions and analytical results of soil samples are presented in Appendix A.

Rock samples were selectively chosen for the presence of mineralization or alteration. They were chipped off rocks found in the field using a hammer and placed in plastic sample bags for transport. Sample tags were placed into sample bags with rocks and the sample number was written on the outside of the bag using indelible marker.

A total of 93 soil samples and 12 rock samples were taken and transported by the author to the laboratory for geochemical analyses. An additional 7 rock samples were taken and transported to the laboratory by W. Morton.

A total of 126 intervals from the 375.5 metres of core obtained were split, sampled and shipped to Acme Analytical Laboratories Ltd. for analyses. Handling of core prior to sampling consisted of moving the core from the drill sites to a logging facility onsite. All core handling was done by or under the supervision of J. Page or J.P. Charbonneau.

Core was cleaned and split using a conventional core splitter by J.P. Charbonneau and one half placed into a plastic sample bag and closed using plastic tyvex closures, the remaining half placed back into the core box for archiving. Both J. Page and J.P. Charbonneau were contracted by Mincord Exploration for this project. No sample preparation was conducted by an employee, officer, director or associate of Fjordland prior to delivery to the laboratory for analyses. Core samples were shipped by bus to Acme Analytical Laboratories Ltd. Sample intervals and results are recorded on the drill logs in Appendix B.

Care was taken to eliminate sampling biases that could impact the analytical results. All jewelry was removed prior to handling core, rocks or soils and the work area was kept clean during splitting and sampling.

Sample quality was found to be acceptable during sampling of the 2003 soils, rocks and drill core. Determined from historic drilling, gold-copper mineralization is generally consistent over large intervals. Historic drill grades were, however, analyzed by differing methods and laboratories and as such, it is expected that comparisons of analytical results between present and historic would vary.

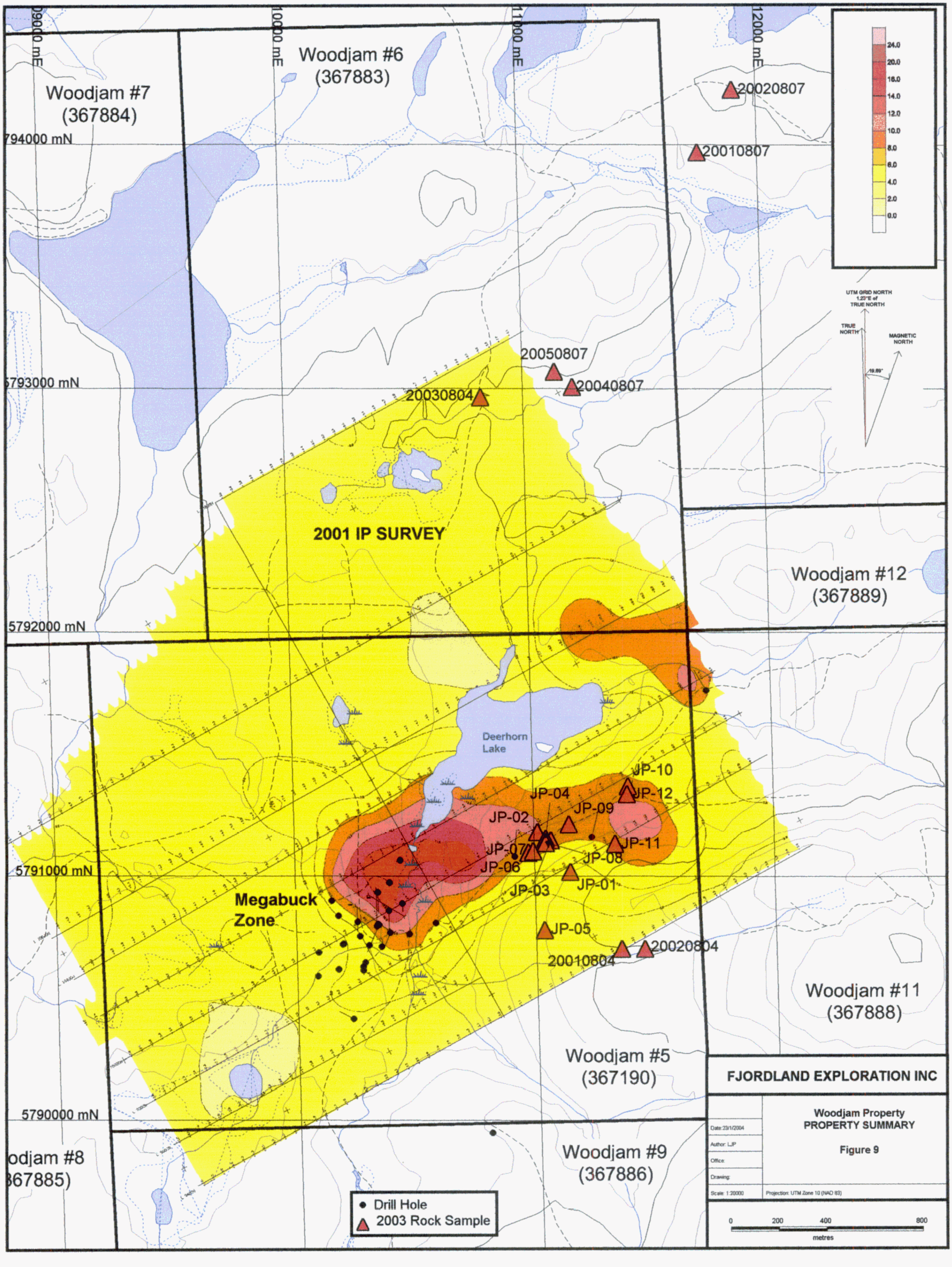
Acme Analytical Laboratories Ltd, fully accredited under ISO 9002, is located at 852 East Hastings St., Vancouver, BC, V6A 1R6. Preparation and analyses of samples at the lab consisted of the following:

Type	Method Code	Procedure
Soil prep	SS80	Dry at 60°, sieve 100 g to -80 mesh
Rock/core prep	R150	crush (4 kg to -10 mesh (70%), split, pulverize 250 g to -150 mesh (95%).
Analyses	1DX	15 g sample split leached with 90 ml 2-2-2 HCl-HNO3-H2O at 95°C for 1 hour, diluted to 300 ml, analyzed by ICP-MS for 35 element suite.
Analyses	7AR	100 g sample split leached with 2-2-2 HCl-HNO3-H2O, diluted to 100 ml, analyzed by ICP-ES for Au + Cu

Table 7: Sample Preparation and Analyses

Rock, soil, and core analyses were all analyzed by Acme's 1DX method. Seven contiguous sample intervals from DH-03-30 were analyzed by Acme's "7AR" method due to the high visible copper content.

No duplicate check analyses were completed on any of the samples except for the labs routine checks. It is the author's opinion that the sample interval, preparation, security and analytical procedures were adequate for this stage of exploration.



9000 mE
10000 mE
11000 mE
12000 mE
794000 mN
5793000 mN
5792000 mN
5791000 mN
5790000 mN
Woodjam #7
(367884)
Woodjam #6
(367883)
Woodjam #12
(367889)
Woodjam #11
(367888)
Woodjam #5
(367190)
Woodjam #9
(367886)
odjam #8
367885)
2001 IP SURVEY
Deerhorn
Lake
Megabuck
Zone
20020807
20010807
20050807
20040807
20030804
20020804
20010804
JP-01
JP-02
JP-03
JP-04
JP-05
JP-06
JP-07
JP-08
JP-09
JP-10
JP-11
JP-12
24.0
20.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
TRUE NORTH
MAGNETIC NORTH
Drill Hole
2003 Rock Sample
FJORDLAND EXPLORATION INC
Woodjam Property
PROPERTY SUMMARY
Figure 9
Date: 23/1/2004
Author: LJP
Office:
Drawing:
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)
0
200
400
800
metres

6. INTERPRETATION AND CONCLUSIONS

The Woodjam Property is situated in the Intermontane Belt of the Quesnel Trough hosting numerous alkaline porphyry deposits. The Woodjam Property encompasses several copper-gold, copper only and gold only occurrences hosted by subvolcanic alkalic intrusives. Economic gold grades have been intersected by previous diamond drilling and trenching over considerable widths in the Megabuck Zone.

An IP survey, completed in 2001, defined a large, 1650 x 780 metre, chargeability anomaly extending northeast from the Megabuck Zone analogous to historical IP surveys (Figure 9). The chargeability high corresponds with a moderate to low resistivity feature. A second chargeability anomaly, located 300 metres to the northeast across a small lake, measures 700 x 500 metres (and extends off the grid area to the east), may be a part of the first anomaly and additional surveying is required to determine this. This corresponds with a low to moderate resistivity feature. Both geophysical anomalies encompass previously untested targets.

The chargeability highs likely define the pyritic halo associated with and adjacent to the gold-copper mineralization evident in the Megabuck Zone. The propylitic zone of the QR deposit, for example, gives a strong persistent chargeability anomaly (maximum 60 m/s). As demonstrated in the portion of the survey covering the Megabuck Zone, gold mineralization occurs on the periphery of the strong chargeability highs.

The 2002 diamond drill program tested possible extensions of gold mineralization to the north, northeast and southwest of the Megabuck Zone. A high-grade example of a narrow, higher gold grading fault-controlled interval was intersected in DH-02-26 north of the Megabuck Zone.

The 2003 diamond drill program tested a new "Discovery Zone" of mineralization, consisting of anomalous soil and rock samples taken in 2003 in the proximity of the 2001 IP chargeability anomaly located east of the Megabuck Zone. A breccia zone dominated by quartz-carbonate veining and semi-massive chalcopyrite mineralization grading 42.3 ppb Au and 0.9% Cu over 15.4 metres was intersected at approximately 43.5 metres downhole in DH-03-30.

Gold and copper mineralization is demonstrated in the Megabuck Zone with 15 of 26 holes intersecting highly mineralized rock. Drilling by Fjordland has shown that gold and copper mineralization extends outward from the Megabuck Zone to the north and east. The mode of occurrence, alteration features, geophysical results and location of gold deficient pyritic halos suggest potential for additional mineralization.

7. RECOMMENDATIONS

The objective of the proposed exploration program outlined below is to allow evaluation of gold-copper mineralization in the area defined by the 2001 IP survey as well as delineate new areas of mineralization. The following work is recommended:

- Check road construction associated with logging activity for new bedrock exposures.
- Conduct a program of surface soil geochemistry over the IP anomalies.

- Additional diamond drilling across geophysically and geochemically defined targets keeping in mind that, in the case of the high-grade Ridgeway deposit in Australia, that discovery occurred after persistent drilling was initiated outbound and at depth from the lower grade adjacent Cadia deposit.
- Re-examine drill core from all previous holes for compilation
- Prospect the property

Should results from the next phase of exploration be encouraging, additional diamond drilling should be considered to increase the size potential of the deposit. It is estimated that the next phase of exploration will cost approximately $100,000.

Budget

Geological Support	15,000
Food & Accommodation @ $120/manday	6,000
Truck Rental & Fuel	4,150
Analytical 400 core samples @ $22/ea, 300 soil samples @ $16/ea	13,600
Drilling 750 m @ $75/m	56,250
Report Writing	5,000
TOTAL	$100,000

Table 8: Exploration Budget

8. STATEMENT OF EXPENDITURES

Item	Total Cost
FIELD PERSONNEL	
Supervision-B.Morton	$ 2,700.00
Project Geologist-J.Page	$ 6,750.00
Field Personnel-F.Larocque	$ 1,120.00
Core Splitter-J.Charbonneau	$ 3,080.00
Consultant-L.Peters	$ 5,700.00
Food	$ 1,366.67
Accommodation	$ 3,516.32
Diamond Drilling	$ 45,222.60
Vehicle Rental + Expenses	$ 2,843.61
Equipment + Supplies	$ 769.88
Rentals	$ 230.00
Telephone	$ 2.86
Laboratory Analyses	$ 5,067.80
Report Preparation	$ 2,750.00
Management	$ 4,750.00
TOTAL (not including GST)	$ 85,869.74

Table 9: Statement of Expenditures

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10. AUTHOR'S STATEMENT OF QUALIFICATIONS - L. John Peters

I, **L. John Peters, P.Geo** do hereby certify that:

a. I am a consulting geologist with addresses 88-6700 Rumble Street, Burnaby, BC, Canada, V5E 4H7.

b. I graduated with a Bachelor of Science degree (Geology) from the University of Western Ontario in 1984.

c. I am a Professional Geoscientist (P.Geo.) in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (#19010).

d. I have worked as a geologist for a total of 19 years since my graduation from university.

e. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

f. I am responsible for the preparation of all sections of the technical report titled "ASSESSMENT REPORT including Diamond Drilling on the WOODJAM PROPERTY" and dated 29 January 2004 relating to the Woodjam Property. I visited the Woodjam Property on numerous times since 2001.

g. I was not involved in any of the historic work programs on the Woodjam Property, however, I have been involved in all aspects of Fjordland's exploration activities on the Property since 2001.

h. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

i. I am not independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101. I am not a shareholder of Fjordland Exploration Inc., however, I hold incentive stock options in the Company. I regularly contract my services to Fjordland.

Dated this 29th day of January 2004.

"Lawrence John Peters"

APPENDIX A

DRILL LOGS

Property: Woodjam	**Total Length:** 153.31 m	DIP TESTS Depth (m)	Dip Meas.	Dip Cor.	**Start Date:** November 9, 2003
Grid Cord:	**Core Size:** NQ	153.31	48.5°	41°	**Completion:** November 11, 2003
Elevation:	**Azimuth:** 005°				**Logged By:** Jay W. Page
Section:	**Inclination:** -45° to -41°				**Date logged:** November 10-14, 2003

NOTES: Hole spotted by Bill Morton. Core split by J.P. Charbonneau. Water line length 425 m (1,400'). GPS (NAD 83) coordinates for collar: 10U 610918 5791081

Depth (metres) From	To	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag (ppm)
0	18.29	CASING (Later extended to 26.81).								
18.29	24.86	Till with minor weakly-bedded water-lain silt. Till includes both rounded and angular gravel, and ranges up to 0.5 metre boulders. Casing was initially set in a boulder. Approximately 90% of rock fragments comprising till is locally derived, consists of intensely and pervasively propylitically-altered crystal, andesitic tuff. Remainder of till hosted rock fragments are vesticular basalt.								
24.86	25.25	Regolith and / or washed till. An assortment of ground pebbles, made up entirely of the underlying crystal tuff.								
25.25	153.31	Andesite crystal tuff - showing intense and pervasive propylitic alteration. Minor lithic fragments. Plagioclase crystals to 2 mm are sub-euhedral and most appear to be broken shards. All plagioclase crystals are intensely altered to epidote + minor sericite. No k-feldspar crystals seen. Pervasive chlorite alteration of fine-grained mafic - rich "matrix". Intervals of most intense epidote alteration have large spots of epidote to 1 cm. These epidote replacements include small specks of chlorite-altered pyroxene(?) have diffuse boundaries and are associated with moderate magnetism. Also associated with 2-4% irregular replacement spots to 3 mm of fine-grained pyrite and traces of chalcopyrite. Overall this unit is only weakly magnetic.								
		25.25 - 28.00 Fractures at 15 to 30° to core axis commonly carry brown hematite coatings. Large epidote spots to 1 cm comprise 10-15% of rock from 26.85 to 28.00	160551	25.25	28.00	2.75	95	268.00	18.40	0.30
		28.00 - 31.00 A few large replacement patches of epidote to 2 cm. The amount of pyrite and the size of pyrite spots have decreased to 1-2% and to about 2 mm in diameter.	160552	28.00	31.00	3.00	96	36.80	3.30	< .1
		31.00 - 34.00 Epidote replacement patches to 1 cm comprise about 10% of rocks. Moderately magnetic. Low angle (5-10° to core axis). Hematitic fractures are prominent between 31.55 and 32.04.	160553	31.00	34.00	3.00	99	3.40	1.20	< .1
		34.00 - 37.00 As above, epidote replacement patches to 1 cm, 5-10% of rock. Minor traces of pyrite. Minor lithic fragments to 2 mm.	160554	34.00	37.00	3.00	99	2.70	< .5	< .1
		37.00 - 40.00 As above, continuing 5-10% epidote replacement patches to 1 cm in diameter. Minor specks of pyrite. Continuing pervasive epidote alteration of tiny 0.5 to 2 mm plagioclase crystals.	160555	37.00	40.00	3.00	99	2.50	2.20	< .1
		40.00 - 43.00 Continuing 1 cm diameter epidote replacement patches and pervasive epidote alteration of plag crystals in tuff results in epidote comprising about 40-50% of rock. Continuing traces of pyrite.	160556	40.00	43.00	3.00	99	2.40	9.30	< .1
		43.00 - 46.00 As described above, but with a slight decrease in epidote patches and alteration. Minor increase in pyrite to approximately 1/2%. Low angle fractures (0-10° to core axis) commonly carry coatings of hematite and minor gypsum to 1 mm thick.	160557	43.00	46.00	3.00	100	104.90	6.60	0.10

Depth (metres) From	To	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag (ppm)
		46.00 - 49.00 As above, continuing decrease in epidote alteration through run. There are few patches of epidote present in this interval. Continuing pervasive alteration of plagioclase crystals but intensity of epidote alteration has decreased to moderate. Epidote has appeared as a coating on high angle (60-80° to core axis) fractures. Pyrite is commonly associated with epidote on fractures and has over all increased to about 0.5 to 1%. Possible traces of chalcopyrite. Colour of the core has become a darker grey than above.	160558	46.00	49.00	3.00	100	515.70	2.70	0.10
		49.00 - 52.00 Continuing dark-grey colour, and also softer. Feldspar appears to be more sericitic altered but at the expense of epidote alteration (although the epidote alteration continues at a moderate rate). In addition, there may be a decrease in the amount of chlorite alteration of fine-grained mafics. Pyrite has decreased to a minor amount. Thin (0.5 - 1.0 mm) white carbonate veining is becoming common on 5° to 45° fractures. Also, weakly developed irregular horsetails of carbonate veinlets.	160559	49.00	52.00	3.00	99	63.40	3.70	< .1
		52.00 - 55.00 Crystal component of crystal tuff is decreasing. Continuing moderate epidote + chlorite and sericite alteration. Pyrite blebs (replacements) form pseudo "net-textured" patches to 5 mm where the mafic-rich "matrix" in the crystal tuff has been replaced. 2-4% pyrite, trace chalcopyrite. Amount of pyrite is increasing.	160560	52.00	55.00	3.00	100	70.20	1.40	< .1
		55.00 - 58.00 Epidote alteration has decreased to weak/moderate strength. Pyrite continuing at 3-4%. Interval is broken by many 30-60° fractures which contain gypsum ± talc(?). Pyrite locally reaches 10% at bottom of interval.	160561	55.00	58.00	3.00	100	60.40	< .5	< .1
		58.00 - 61.00 Abrupt increase in epidote alteration to pervasive strongly altered, epidote alteration patches to 1 cm dia. with associated pyrite spots to 4 mm dia. Strongly pyritic at 5%. Patches of epidote die out by 59.25.	160562	58.00	61.00	3.00	100	52.00	2.80	< .1
		61.00 - 64.00 Continuing moderate to strong epidote alteration especially between 62.50 and 64.00. Pyrite found as disseminated patches to 3 mm at 3-5%. Epidote patches reach 10-20% of core in lower part of interval plus pervasive epidote alteration of plagioclase for a total of about 40% epidote. Low-angle fractures (15 - 30° to core axis) commonly have coatings of hematite and calcite.	160563	61.00	64.00	3.00	100	41.30	1.70	< .1
		64.00 - 67.00 Continuing moderate to strong epidote alteration with numerous epidote replacement patches to 3 cm. Pyrite replacements 2-4%, non-magnetic hematite coatings on fractures 15 - 45° to core axis common. Minor pink k-feldspar(?) noted, also minor metallic specks, possibly specular hematite.	160564	64.00	67.00	3.00	99	137.00	6.90	0.10
		67.00 - 70.00 Pink k-feldspar as broken crystals in tuff, 1/2 - 1 mm in size increasing to 2-4%. Epidote alteration includes 45° fracture fillings to 1 mm. Other fracture fillings include gypsum-calcite and hematitic clay, all generally in the 30-60° range. Pyrite to 5% tends to be associated with richer patches of epidote.	160565	67.00	70.00	3.00	100	121.10	9.10	0.10
		70.00 - 73.00 As above, continuing strong epidote-pyrite ± chlorite ± sericite alteration. Epidote alteration very pervasive. Minor chalcopyrite specks noted in one spot.	160566	70.00	73.00	3.00	100	66.70	10.80	0.10
		73.00 - 76.00 As above, with a short brecciated section from 73.20 - 73.50 which is weakly cemented by quartz-carbonate. Minor chalcopyrite blebs to 4 mm noted in veining. Zone cuts core axis at about 45° and includes pasty chlorite-clay marking a fault. Pyrite locally reaches 10%, hematite on most fracture surfaces, often accompanied by thin layers of gypsum + chlorite. Minor specks of chalcopyrite.	160567	73.00	76.00	3.00	100	456.10	11.40	0.30
		76.00 - 79.00 As above. Continuing intense epidote-pyrite alteration. Pyrite about 3-5% locally reaches 10%. No k-feldspar noted. Minor chalcopyrite to 1/4%.	160568	76.00	79.00	3.00	100	71.50	3.60	< .1
		79.00 - 82.00 As above. Patchy intense epidote alteration, but on average strong alteration and accompanied by 4-8% pyrite. Minor chalcopyrite which locally reaches	160569	79.00	82.00	3.00	100	69.90	5.60	0.10
		82.00 - 85.00 Between 82.20 - 82.40 a low angle fracture (about 10° to core axis) and minor fault breccia is cemented by a few quartz stringers, and pasty chlorite-hematite-clay material. No sulphides obviously associated with veining. Minor amount of carbonate present (reacts to Hcl). Amount of pyrite has dropped to 1%. Many small carbonate stringers <1 mm	160570	82.00	85.00	3.00	100	177.30	7.80	0.10

Depth (metres) From	To	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag (ppm)
		85.00 - 88.00 As above, continuing strong epidote alteration, minor pyrite (less than 1%). Epidote alteration of plagioclase crystals not as intense as above. Weak to moderately magnetic toward bottom of interval. Short sections (eg. 10 cm) contains 1-2% pyrite, 1/2-1% chalcopyrite.	160571	85.00	88.00	3.00	100	52.60	0.60	< .1
		88.00 - 91.00 As above, continuing strong and pervasive epidote alteration, some replacement patches of epidote reach to 10 cm. Minor pyrite. Weak to no magnetism. Numerous fractures at 45° to core axis contain hematite coatings.	160572	88.00	91.00	3.00	100	124.20	11.70	0.10
		91.00 - 94.00 Continuing strong and pervasive epidote alteration. K-feldspar as tiny broken crystals appear to have little or no alteration, comprise 10-35% of rock. Thin (about 1 mm) carbonate veinlets at 30-45° to core axis are common and frequently include a hematite selvage. Only minor pyrite is present, but it increases in the occasional patch of intense epidote alteration. The amount of k-feldspar (pinkish-brown crystal shards and may include matrix) increases dramatically through this interval to about 35% pushing rock composition from nominally an andesite to a latite.	160573	91.00	94.00	3.00	100	40.10	2.00	< .1
		94.00 - 96.00 K-feldspar contentt decreases through interval to 15-20% and hematitic alteration becomes noticeable, altering mafic-rich matrix in tuff and in small patches, giving it a reddish brown colour. Hematite is also very prominent on many fracture surfaces (15-60° to core axis). Pyrite has increased to about 2-3%. Continuing strong epidote and moderate-to-strong sericite alteration.	1650574	94.00	96.00	2.00	100	195.70	2.70	0.10
		96.00 - 98.50 As above. Thin carbonate veinlets (1 mm and less) cut the core at 60° to core axis. They commonly have hematite selvages, with weak hematitic alteration envelopes to 1 cm on each side of the veinlets.	160575	96.00	98.50	2.50	100	29.70	11.40	0.20
		98.50 - 99.20 Interval begins with carbonate-hematite veinlets / fractures at 20° and 80° to core axis, followed by moderate epidote-sericite ± chlorite altered andesitic tuff. Minor k-feldspar present. Non-magnetic. Several thin (<0.5 mm) 15-20° to core axis carbonate (± minor quartz) veinlets carry blebs and fracture fillings of chalcopyrite in upper 28 cm of interval. Between 98.78 and 98.93 is a dark zone of pyrite and fine mafics (?) now displaying strong epidote-sericite alteration. Abrupt contact (irregular) suggests that it could be a breccia / intrusive. Pyrite in this zone comprises 10-15%. A dark mineral present is fine grained, with a needle-like habit and may be tourmaline (?). Zone is broken by a minor fault (brecciated but poorly cemented by carbonate-hematite-pyrite cement). Fault breccia is from 98.85 to 99.00. Within this zone are several blebs of chalcopyrite which appear to be associated with the earlier pyrite/mafic/tourmaline alteration event. The last 20 cm of this sample interval has several 1 cm zones of fault gauge/clay which cut the	160576	98.50	99.20	0.70	95	738.30	81.10	2.90
		99.20 - 101.50 Similar to the interval above from 98.50 to 98.78. Cut by many thin 1 mm and two 1 cm thick carbonate veinlets at generally 45-60° to core axis. Several veinlets carry a few blebs of chalcopyrite. At 101.31 a 1 cm thick, vughy carbonate veinlet carries large (5 mm x 10 mm) blebs of chalcopyrite as a selvage on footwall and / or in a 1 cm intensely epidote-pyrite-chlorite-sericite alteration envelope.	160577	99.20	101.50	2.30	100	387.60	14.40	0.50
		101.50 - 104.00 Andesitic tuff displaying moderate epidote and weak sericitic alteration. Disseminated pyrite locally reaches 2% but the average is much less. A few patches of disseminated tiny specks of chalcopyrite are associated with irregular closed fractures. At 102.50 to 102.75, a low-angle (5 - 10° to core axis) fracture is filled with chlorite-carbonate-clay fault gauge. Through-out this sample interva Irregular low-angle 1 mm fractures with carbonate fillings are common. In the last metre of this interval several hematitic fractures cut the core at 30° to 60° to core axis.	160578	101.50	104.00	2.50	99	101.10	5.70	0.10
		104.00 - 107.00 As above. Moderate to strong epidote alteration, pyrite replacement patches to 4 mm and to 2-5% of rock. Minor specks of chalcopyrite noted. Minor epidote veining also.	160579	104.00	107.00	3.00	100	208.70	9.70	0.20

Depth (metres) From	To	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag (ppm)
		107.00 - 107.25 A breccia between 107.04 and 107.24 contains highly sericitic-clay-epidote-chlorite altered tuff (?) fragments although most are unrecognizable, fragments are rounded. Matrix is darker, fine-grained and mostly altered to chlorite-epidote. Cubic pyrite as well as irregular blebs of chalcopyrite are common. Chlorite and carbonate cement hold much of it together but difficult to say if they are primary. Contact with hosting tuff is at 40° to core axis. Hematitic fractures at 45° with fault gouge (1 cm) cut through at 107.15.	160580	107.00	107.25	0.25	100	1472.50	38.40	1.00
		107.25 - 110.00 Similiarly to above the breccia at 107.00, there is a slight increase in k-feldspar (as crystal shards < 1 mm) to 10-15%. Continuing 3-5% pyrite as small 2-4 mm replacements.	160581	107.25	110.00	2.75	100	65.30	3.20	0.10
		110.00 - 113.00 A fairly rapid change to a less altered tuff with a minor crystal component. Epidote alteration is weak to moderate with occasional patches of epidote spots. Prominent epidote veining at 45° to core axis and up to 6 mm thick is notable in several spots. Core is darker with moderate sericite and perhaps fine grained biotite alteration. Moderately magnetic. Pyrite is variable from minor amounts to 3%. No chalcopyrite seen.	160582	110.00	113.00	3.00	100	105.40	5.70	0.20
		113.00 - 116.00 Epidote alteration is variable but overall it is moderate with a number of epidote veinlets. One irregular 8 mm veinlet of epidote terminates abruptly and carries blebs of chalcopyrite. Tiny 1-2 cm long by 0.5 mm wide gashes are filled with calcite and carry small blebs of chalcopyrite. The gashes have many orientations, but most commonly at 45° to core axis. A short interval of breccia from 114.85 to 114.94 is similar to that above from 107.00 to 107.25 and carries blebs of pyrite and chalcopyrite. Many of the weakly altered sections carry up to 3-5% pyrite as replacement rosettes. These sections are moderately magnetic.	160583	113.00	116.00	3.00	100	158.80	16.20	0.20
		116.00 - 119.00 Continuing variable, moderate to strong epidote alteration. But also sections with little obvious epidote alteration with little in the way of identifiable crystals, and on a metre-scale look like a fine-grained extrusive rock. In the absence of visible contacts or any meaningful thickness, these intervals are identified as a less obvious phase of the crystal tuff. Minor chalcopyrite noted.	160584	116.00	119.00	3.00	100	133.20	5.00	0.10
		119.00 - 122.00 As above. Patchy strong epidote alteration alternating with weak sections, but all sections are readily scratched with a knife producing a white streak. Moderate sericitic alteration pervasive pyrite alteration, traces of chalcopyrite.	160585	119.00	122.00	3.00	100	84.20	4.80	0.10
		122.00 - 125.00 As above. Andesitic crystal tuff showing moderate to patchy strong epidote alteration along with moderate sericitic alteration. Pyrite to 1%. Low angle fractures carry thin calcite coatings, high angle (60 - 80° to core axis) include the layers of calcite + gypsum. One 80° fracture is hematitic and includes a 3 mm thick layer of pasty hematite-clay.	160586	122.00	125.00	3.00	100	83.20	2.70	< .1
		125.00 - 128.00 As above, low angle fractures carry thin coatings of clay-gypsum + chlorite. Patchy strong epidote alteration yielding epidote replacement spots to 1.5 cm. Minor pyrite.	160587	125.00	128.00	3.00	99	287.00	31.80	0.10
		128.00 - 131.00 As above, calcitic coatings on fractures common. Low-angle fractures (5 - 20° to core axis) carry mixtures of epidote-calcite ± gypsum. There is a weakly cemented fault breccia between 130.30 - 130.40 with a pasty hematite gouge. Minor pyrite noted.	160588	128.00	131.00	3.00	98	58.50	7.90	< .1
		131.00 - 134.00 As above, core has a dark fine-grained appearance but still is easily scratched yielding an off-white streak. Moderate sericitic alteration, along with weak to moderate epidote alteration. Possibly some very fine-grained biotite (?). Epidote altered crystals (1-2 mm) comprises 4-6% of the rock, decreasing to 1-2% at bottom.	160589	131.00	134.00	3.00	100	24.60	4.60	< .1

Depth (metres) From	To	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag (ppm)
		134.00 - 137.00 As above. Dark fine-grained, moderately-altered core, easily scratched, epidote altered crystals which are only a minor component at this interval. Pyrite as irregular replacement patches to 3 mm in diameter and 2-3%. A hematitic fracture at 135.50 carries 2-3 mm of clay/fault gouge.	160590	134.00	137.00	3.00	99	77.50	5.50	0.10
		137.00 - 140.00 As above, perhaps a slight increase in epidote alteration and pyrite to 3-4%. Moderately strong magnetism.	160591	137.00	140.00	3.00	100	45.30	3.30	< .1
		140.00 - 143.00 As above, minor specks of chalcopyrite noted.	160592	140.00	143.00	3.00	100	43.50	4.70	0.10
		143.00 - 146.00 Interval begins with 26 cm of broken / ground core from a minor fault / vein breccia estimated to be 10 cm thick, cemented with quartz, calcite, chlorite and hematite. Minor pyrite, no chalcopyrite seen in veining. Strong sericitic alteration of breccia. Interval from 143.26 - 146.00 is as described above. Calcitic and hematitic coated fractures, generally 30-60° to core axis are common.	160593	143.00	146.00	3.00	96	33.20	4.30	< .1
		146.00 - 149.50 As described above. Fractures at 25-30° to core axis are common with coatings of calcite and epidote - chlorite. Minor chalcopyrite noted.	160594	146.00	149.50	3.50	100	33.90	3.10	< .1
		149.50 - 153.31 As described above. Midway through interval, a small fault with a strongly-altered (sericite-chlorite-hematite) crush zone 10 cm thick, cuts the core at 30° to core axis. Approx. 30 cm above in hanging wall of fault there are many carbonate stringers and horse tails but without associated sulphides. Pyrite replacement spots continue at about 2%. Core is strongly magnetic.	160595	149.50	153.31	3.81	99	45.20	2.60	< .1
	153.31	END OF HOLE								

Property: Woodjam	**Total Length:** 156.97 m		**Start Date:** November 11, 2003
Grid Cord:	**Core Size:** NQ		**Completion:** November 13, 2003
Elevation:	**Azimuth:** 15°		**Logged By:** Jay W. Page
Section:	**Inclination:** -45°		**Date logged:** November 14-17, 2003

DIP TESTS		
Depth (m)	Dip Meas.	Dip Cor.
151.18	52°	44.5°

NOTES: Hole spotted by Bill Morton. Core split by J.P. Charbonneau. Water line length 520 m (1,700'). GPS (NAD 83) coordinates for collar: IOU 611241 5791160

Depth (metres)		LITHOLOGICAL DESCRIPTION	SAMPLES				Rec.	ASSAYS		
From (m)	To (m)		Sample #	From (m)	To (m)	Metres	%	Cu (ppm)	Au (ppb)	Ag)ppm)
0	9.75	CASING (32 feet) through overburden.								
9.75	10.51	Pebbles of andesite / basalt to granite composition. Most show epidote alteration.	160596	9.75	13.00	3.25	80	101.80	2.00	0.10
10.51	156.97	Andesitic crystal tuff - with moderate to intense pervasive epidote ± chlorite alteration. Pervasive sericitic alteration is weak to moderate. Pyrite is commonly present in minor to 3% several breccia zones are noted.								
		10.51 - 13.00 Andesitic crystal tuff as described above. Non-magnetic. 1-2% pyrite as small replacement patches. Short intervals of about 10 cm carry up to 1% chalcopyrite but average is much less. Moderately low-angle fractures (20-30° to core axis) carry thin deposits of calcite and hematite.								
		13.00 - 16.00 As above, continuing intense and pervasive epidote alteration 1-2% pyrite replacements. Hematite coated fractures common. Traces of chalcopyrite. Pinkish brown k-feldspar noted in amounts of about 5-10%. A fault cuts the core at 80° to core axis at 15.45 with 1 cm of pasty hematite - clay filling the fracture. Epidote - pyrite veins also cut this spot.	160597	13.00	16.00	3.00	100	71.90	15.00	0.20
		16.00 - 19.00 As above, fine disseminated pyrite in amounts of 2-3% noted. Hematite coats all fracture surfaces to 1 mm thick. Continuing intense epidote alteration resulting in a spotted green appearance. Continuing minor traces of chalcopyrite.	160598	16.00	19.00	3.00	100	66.00	8.70	0.20
		19.00 - 21.00 As above, continuing intense epidote alteration. Pyrite has increased to 3-5%, minor chalcopyrite crystal content has increased giving a coarser-grained appearance. In the last 40 cm several epidote veinlets 1-4 mm wide cut the core at 70° to 80° to core axis.	160599	19.00	21.00	2.00	100	60.00	6.50	0.10
		21.00 - 24.00 As above. Pyrite blebs have increased to 2-3 mm, most have a cubic form. Locally pyrite reaches 6-7%. At 23.76 a 1 cm thick quartz-carbonate vein carries blebs of pyrite and chalcopyrite, cuts core at 60° to core axis.	160600	21.00	24.00	3.00	100	144.20	13.20	0.20
		24.00 - 27.00 As described above. At 24.53 a 6 mm epidote vein cuts the core at 75-80° to core axis and carries blebs of chalcopyrite. Continuing fine disseminated cubic pyrite to 5%. At 27.66 there is a 10 cm wide epidote- clay-sericite-pyrite alteration (intense) zone that cuts the core at 45° (top) and 90° (bottom) to the core axis. Minor disseminated chalcopyrite to about 0.25% pyrite as discreet blebs and / or cubes to 1-2%.	160601	24.00	27.00	3.00	100	219.20	20.00	0.40
		27.00 - 30.00 As above, intensely epidote-altered crystal tuff. Increase in disseminated blebs of chalcopyrite to locally 1% but average is much lower. Slight increase in pyrite to locally 1-2%. Minor quartz-epidote veining at 29.75 includes minor pyrite blebs.	160602	27.00	30.00	3.00	100	157.70	5.00	0.10

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag)ppm)
		30.00 - 33.00 As above but this interval is much more broken with hematitic coatings on fractures. At 31.00 begins several cm of quartz-epidote veining which is generally perpendicular to core axis, and carries blebs of pyrite and chalcopyrite to 5 mm. Several epidote veinlets cut the core in the following 20 cm, at about 75-90° to core axis, and carry minor blebs of chalcopyrite. Interval from 31.40 to 33.00 is broken by multiple 45-60° to core axis, with fractures initially carrying carbonate coatings at top and becoming more hematitic toward bottom of broken interval.	160603	30.00	33.00	3.00	100	215.40	12.10	0.20
		33.00 - 36.00 As above, but with fewer hematitic fractures. Plagioclase crystal content of crystal tuff has increased to locally 40-50%. Continuing intense epidote alteration. Traces of sulphides seen.	160604	33.00	36.00	3.00	100	39.50	1.50	< .1
		36.00 - 39.75 As above, continuing intense pervasive epidote alteration with accompanying moderate sericite alteration. Core cut by 3-10 mm wide quartz-carbonate-epidote veinlets at 40-70° to core axis. Minor pyrite seen, but patchy to 2%.	160605	36.00	39.75	3.75	100	47.90	0.70	0.10
		39.75 - 43.52 Interval begins with about 10 cm of vein breccia with quartz-carbonate veining roughly perpendicular to core axis and showing weak to moderate clay-alteration of both fragments and wall rock. Several smaller (2-3 cm) vein / breccias lower down in interval. Veining accompanied by minor blebs of pyrite. Crystal tuff continues intensely and pervasively epidote-altered. Core is still easily scratched but beginning to break with sharper edges suggesting less alteration. Traces of disseminated sulphide.	160606	39.75	43.52	3.77		250.50	0.90	< .1
		43.52 - 45.78 Beginning of vein hosted chalcopyrite. Eight carbonate-quartz veins from 2 mm to 3 cm and cutting core at 45-60° to core axis carry blebs of chalcopyrite to 2 cm long. Veins are vughy with calcite crystals lining vughs. Minor hematite selvages, moderate to locally strong clay alteration as 1-2 cm vein alteration envelopes. Veins carrying chalcopyrite have little pyrite. Overall about 0.5% chalcopyrite. The lower 25 cm of interval is extensively fractured and cemented by calcite with minor quartz. Tuff fragments are moderately clay-carbonate altered and bleached looking. There are several chalcopyrite blebs in this brecciated zone, which begins at about 45.57. Most veining in this interval from 43.52 to 45.78 is carbonate dominant over quartz.	160607	43.52	45.78	2.26	99	2910.00	10.00	
		45.78 - 46.92 This brecciated interval is dominated by quartz veining and short interval of semi-massive chalcopyrite. Quartz veining is dominant over carbonate veining in this interval but there is a large component of carbonate everywhere, especially with the chalcopyrite. The quartz veining is extensively fractured and the chalcopyrite appears to post date this event where it encloses vein fragments. The chalcopyrite is coarse-grained and forms aggregate masses that approach 50% chalcopyrite over several intervals of about 10 cm. Breccia fragments of the hosting tuff at the top of the interval show extensive clay-sericite alteration overprinting epidote alteration. In addition, breccia fragments through the most intensely mineralized section have been silicified. Chalcopyrite is accompanied by a black earthy material believed to be wad. The most intense copper mineralized interval is from 46.00 to 46.60 where it probably averages 15-20% and	160608	45.78	46.92	1.14	95	71920.00	340.00	
		46.92 - 47.92 A weakly brecciated but extensively fractured interval that is dominated by carbonate and clay alteration. Quartz veining is present in upper 20 cm of interval but subordinate to carbonate veining. Large blebs of chalcopyrite associated with cross-cutting quartz-carbonate veins at several locations. All veins cut core at high angles, ~ 60-90° to core axis. The lower 30 cm of the interval is broken and weakly cemented with hematite and fault gouge clay. The interval terminates with a fault at 47.92.	160609	46.92	47.92	1.00	98	4140.00	50.00	

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag)ppm)
		47.92 - 50.58 A noticeable increase in the k-feldspar content of the crystal tuff pushing composition toward a latite. Pinkish-brown k-feldspar crystal shards comprise 10-20% of core, but vary 10-35%. Disseminated pyrite is common to 1-3% in association with intense epidote alteration. In the lower 40 cm of interval several carbonate ± quartz veinlets carry blebs of chalcopyrite at 35-45° to core axis. One veinlet at 50.50 includes a 1 cm thick bleb of chalcopyrite. No chalcopyrite seen disseminated in host tuff Core is non-magnetic.	160610	47.92	50.58	2.66	99	3540.00	20.00	
		50.58 - 53.00 As above, hematite coatings are common on fracture surfaces at 30-45° to core axis. K-feldspar content still about 10-15%. Disseminated sulphides rare. Chalcopyrite-rich veinlets to 1 cm thick noted in 3 locations within interval.	160611	50.58	53.00	2.42	99	5020.00	20.00	
		53.00 - 56.08 As above. Two chalcopyrite-rich quartz-veinlets cut core at 40-50° to core axis and are 8 mm and 2.4 cm rich respectively. Disseminated blebs / cubes of pyrite to 1%.	160612	53.00	56.08	3.08	100	4600.00	20.00	
		56.08 - 58.92 An interval of bleached, clay-altered core in which the plagioclase crystals are bleached but not epidote altered (or at least overprinted by clay alteration). Numerous calcite veinlets, most < 1 mm cut core at all orientations. Much of this interval is fractured and hematite coatings are common on fracture surfaces. A low angle (about 5° to core axis) at 58.00 carries about 1 cm thick filling of hematite-chlorite-clay fault gouge. A low angle quartz-carbonate vein between 58.50 and 58.85 carries many large blebs of chalcopyrite. Calcite-lined vughs and dark earthy wad are common in this 1 cm wide vein and associated carbonate 1 mm veinlets and stringers.	160613	56.08	58.92	2.84	96	3650.00	10.00	
		58.92 - 62.00 Interval begins with weakly developed carbonate fracturing and several 45-60° to core axis fractures filled with hematite. Host crystal tuff shows little clay alteration but by midway through interval shows pervasive intense epidote-alteration as seen higher in this hole. Minor to 1% disseminated pyrite, trace chalcopyrite.	160614	58.92	62.00	3.08	100	226.80	17.50	0.50
		62.00 - 65.00 Continuing intensely and pervasively epidote altered tuff with epidote spots and veinlets at 60° to core axis. Minor to 1% disseminated pyrite.	160615	62.00	65.00	3.00	100	28.80	5.70	< .1
		65.00 - 68.00 As above. Continuing intense pervasive epidote alteration with minor to 1% disseminated pyrite. Interval terminates with several low-angle (<5° to core axis) hematitic fractures. Chalcopyrite blebs in a 4 mm quartz-carbonate vein at 60° to core axis at 65.74	160616	65.00	68.00	3.00	100	439.60	11.70	0.20
		68.00 - 69.50 As above with increasing amount of carbonate veinlets toward fault contact at bottom of interval. Minor disseminated pyrite common.	160617	68.00	69.50	1.50	100	241.30	38.00	0.50
		69.50 - 71.96 Fault zone, contact at 5° to core axis over 35 cm is broken tuff rubble weakly held together with clay ± chlorite ± hematite. Below initial contact zone rock is highly fractured, moderately clay-altered and carbonate-cemented. Carbonate-clay alteration follows an irregular vertical contact and varies over 1-2 cm. No sulphides are associated with alteration or carbonate veining.	160618	69.50	72.80	3.30	95	161.10	34.70	1.50
		71.96 - 72.58 Host epidote-alteration tuff with carbonate veinlets.								
		72.58 - 72.80 A short interval of clay and carbonate altered fractured rock as if in a fault zone. Again, no sulphides seen.								
		72.80 - 76.00 Strong to intensely epidote altered tuff / crystal. Tuff as described above. Minor to patchy strong (5-10%) pyrite as discrete blebs. Epidote replacement spots common to 2 cm. No chalcopyrite seen.	160619	72.80	76.00	3.20	100	44.30	5.60	0.10
		76.00 - 79.00 As above, continuing intense epidote alteration of plagioclase crystals and forming up to 1-2 cm replacement patches. Pyrite patches replacing mafic matrix to 2 cm and forming pseudo-net textures around crystals in crystal tuff. Pyrite averages 2-5%. Minor carbonate veinlets. Minor to 10% k-feldspar. Hematitic fractures cut core at 30° to core axis.	160620	76.00	79.00	3.00	100	93.70	5.70	0.10

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag)ppm)
		79.00 - 82.00 As above, continuing epidote altered tuff. Pyrite variable from trace to 5%. Trace to 1/4% chalcopyrite.	160621	79.00	82.00	3.00	100	173.70	5.70	0.10
		82.00 - 85.00 As above, pervasive and intense epidote alteration weak-moderate sericitic alteration. Variable pyrite minor to 5%, sections with weak pyrite carry up to 1/2% disseminated chalcopyrite.	160622	82.00	85.00	3.00	99	67.20	< .5	< .1
		85.00 - 88.00 As above, continuing intense pervasive epidote alteration. Minor to 2% pyrite and 1/4% chalcopyrite as disseminated 1 mm blebs.	160623	85.00	88.00	3.00	100	369.90	4.00	0.10
		88.00 - 91.00 As above, intense epidote alteration. A slight increase in pink k-feldspar to about 15%. Very little sulphide, minor pyrite very weak magnetism.	160624	88.00	91.00	3.00	100	17.60	0.70	< .1
		91.00 - 94.00 As above, no change. Continuing 10-20% k-feldspar content. Minor pyrite. Low angle fractures beginning at 93.50 are filled with 1-2 mm deposits of calcite, hematite and possibly gypsum(?).	160625	91.00	94.00	3.00	99	44.40	0.80	< .1
		94.00 - 97.00 Continuing as described above, intense epidote alteration. Trace sulphides, increasing to 1-2% pyrite by end of interval.	160626	94.00	97.00	3.00	100	55.60	1.60	< .1
		97.00 - 100.00 As above, but much more broken with hematitic fault gauge about 1 cm thick on 30-40° to core axis fractures at 98.10, 98.54 and 98.81. Hematite and calcite coatings on all fracture surfaces. 1-2% disseminated pyrite very common.	160627	97.00	100.00	3.00	99	86.50	6.00	0.10
		100.00 - 103.00 As above. Includes a fault zone between 101.20 and 102.00 where the [illegible]	160628	100.00	103.00	3.00	98	635.00	27.10	0.60
		103.00 - 106.00 As above, continuing intense epidote alteration and variable pyrite from 1/2 to 4% and a trace of chalcopyrite. A 1-2 cm wide calcite vein cuts core at 45° and has large (4 cm long) crystal lined vughs.	160629	103.00	106.00	3.00	100	45.00	1.90	0.10
		106.00 - 109.00 As above, variable pyrite content from 1/2% to 3%. Minor chalcopyrite.	160630	106.00	109.00	3.00	100	75.60	0.80	< .1
		109.00 - 112.00 As above, chalcopyrite content is 1/4 - 1/2% and appears independent of pyrite content. A 1 cm calcite veinlet cuts the core at 65° to core axis at 110.48.	160631	109.00	112.00	3.00	100	41.80	1.70	< .1
		112.00 - 115.00 Strong epidote altered crystal tuff as described above. Variable pyrite from 1/2% to 1%, trace to minor chalcopyrite. Most pyrite is cubic.	160632	112.00	115.00	3.00	100	39.10	0.90	< .1
		115.00 - 118.00 As above, pyrite as disseminated cubes has increased to 2-4%. Trace chalcopyrite to 1/2%. Cross-cutting calcite veinlets at 60-70° to core axis are 4 to 6 mm thick.	160633	115.00	118.00	3.00	100	125.70	1.50	0.10
		118.00 - 121.00 Very little change from above, perhaps slightly more pyrite. Continuing minor chalcopyrite calcite-hematite veins cut core at 40° and 60° and are up to 2 cm thick.	160634	118.00	121.00	3.00	100	80.70	4.80	0.10
		121.00 - 124.00 As above, continuing strongly epidote-altered tuff, but with somewhat less alteration than above. Pyrite 1-2% minor chalcopyrite perhaps 0.25 to 0.5%. Last metre of interval is fractured and shows extensive veining by calcite and a very minor stringer of quartz. Pyrite increases to 5% in hosting tuff but none in veining suggests it pre-dates the veining. Hematite common on all fracture surfaces.	160635	121.00	124.00	3.00	100	33.00	2.70	< .1
		124.00 - 127.00 As above, but regularly fractured every 0.5 to 1 metre by 30 to 45° to core axis. Carbonate veinlets to 1 cm thick. From 125.35 to 125.80 is a fault breccia strongly cemented by carbonate which carries blebs of pyrite to 5 mm. Weak bleaching of tuff fragments along with weak clay-carbonate alteration of breccia + wall rock tuff. Hematite selvages on some fracture surfaces / veins pyrite has decreased to 1%, trace chalcopyrite.	160636	124.00	127.00	3.00	100	57.00	2.10	0.10
		127.00 - 130.00 Continuing crystal tuff showing intense epidote alteration and little sulphide. A 1 cm wide carbonate veinlet cuts the core at 30° to core axis at 128.50	160637	127.00	130.00	3.00	100	16.80	1.40	< .1

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag)ppm)
		130.00 - 133.00 Continuing intense epidote alteration resulting in epidote patches to 2 cm. There has been a slight increase in k-feldspar to 10-20% but variable. Very little sulphide seen in upper part of interval. Carbonate veining at 132.45 for 2 cm at 35° to core axis. Pyrite to 3% at bottom of interval.	160638	130.00	133.00	3.00	100	127.10	6.00	0.10
		133.00 - 136.00 As above, continuing intensely epidote altered tuff. Intermittent sulphides 0-4% pyrite, minor chalcopyrite. K-feldspar content appears to be more variable through here, locally reaching 20-25% but commonly in the 10-15% range.	160639	133.00	136.00	3.00	100	54.50	2.80	0.10
		136.00 - 139.00 As above, broken fault zone between 136.30 and 136.80 with poorly cemented rubble over 2-3 cm with extensive hematite. Slightly less epidote alteration in this interval but more pyrite as irregular replacement patches comprising up to 5% of core, but averaging ~ 2%.	160640	136.00	139.00	3.00	100	372.20	6.60	0.10
		139.00 - 142.00 Strongly epidote altered tuff. Very little change from above. K-feldspar content has decreased to about 5-10% (?) rare 1-2 mm lithic fragments noted. No chalcopyrite seen.	160641	139.00	142.00	3.00	100	49.50	9.30	0.30
		142.00 - 145.00 As above but much more fractured, especially by low angle (5 - 20° to core axis) fractures that carry hematite coatings. Sulphide poor. Minor specks of pyrite in a few spots.	160642	142.00	145.00	3.00	100	72.90	5.40	0.10
		145.00 - 148.00 As above, continuing strong epidote alteration highly variable sulphide mineralization with pyrite ranging from 0% to 6% over short intervals.	160643	145.00	148.00	3.00	100	32.60	3.50	< .1
		148.00 - 151.00 As above with some variable / irregular replacement patches of pyrite where it replaces mafic "matrix" in crystal tuff, much of interval has no sulphides.	160644	148.00	151.00	3.00	100	65.40	4.40	0.10
		151,00 - 154.00 As above, minor chalcopyrite to 1/2% noted in sections with up to 2-3% pyrite, but many sections are barren of sulphides.	160645	151.00	154.00	3.00	100	38.10	6.20	0.20
		154.00 - 156.97 As described above. Variable but generally low pyrite content. Many irregular hairline carbonate veinlets. A few larger ones (2-3 mm thick) are 45-60° to core axis and have associated with them a few blebs of pyrite.	160646	154.00	156.97	2.97	100	6.90	8.90	0.10
	156.97	END OF HOLE.								

Property: Woodjam	**Total Length:** 150.57 m	DIP TESTS Depth (m)	Dip Meas.	Dip Cor.	**Start Date:** November 13, 2003
Grid Cord:	**Core Size:** NQ	142.04	58°	50.5°	**Completion:** November 15, 2003
Elevation:	**Azimuth:** 330°				**Logged By:** Jay W. Page
Section:	**Inclination:** -50°				**Date logged:** November 17, 2003

NOTES: Hole spotted by Bill Morton based on IP and Mag anomalies, no outcrop in area. Core split by J.P. Charbonneau. Water line length 520 m (1,700'). GPS (NAD 83) coordinates for collar: 10U 611733 5791762

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag)ppm)
0	57.91	CASING through overburden.								
57.91	151.18	GREY WACKE AND VOLCANIC TUFF an unsorted, unbedded sedimentary unit with a large component of volcanic tuff / crystal tuff material. The upper part of the hole shows multi-phase brecciation and veining. The proportion of tuff increases toward the bottom of unit.								
		57.91 - 61.00 Grey wacke - volcanic wacke displaying weak to moderate sericitic and clay - carbonate alteration. Most of interval is rubble / fault breccia that is held together by clay and hematite. Between 59.15 and 59.50 is a vein breccia of greywacke fragments in quartz-carbonate veins and cut by later carbonate veins. Pyrite is associated with the earlier quartz-carbonate veining as are a few blebs of chalcopyrite. A similar quartz-carbonate breccia follows at 59.80 - 59.95 but carbonate veining is dominant. A few specks of a bright metallic (specular hematite?) are associated with the carbonate veining. Minor pyrite, trace covelite (?)	160647	57.91	61.00	3.09	98	848.90	19.80	19.10
		61.00 - 64.00 As above, but the fault breccia / rubble is subordinate to greywacke cut only by small carbonate veins. Weak to moderate sericitic and moderate carbonate alteration of the greywacke is pervasive. Toward to bottom of the interval pyrite is present as disseminated specks in amounts of 0.5 to 1.0%.	160648	61.00	64.00	3.00	99	95.00	3.20	1.50
		64.00 - 67.00 As above, continuing felsic greywacke and / or crystal-rich (plagioclase) volcanic wacke pervasively altered by moderate sericitic and carbonate alteration. Fault brecciation is pronounced through much of this interval, with the fault contact varying from 0 to 30° to core axis. Fragments within the clay-hematite fault gouge show moderate clay alteration. Some fragments are dark green / blebs and may be chlorite-altered. Continuing weak disseminated fine pyrite to 0.5%. No chalcopyrite seen. No sulphides seen in fault gouge or carbonate veining.	160649	64.00	67.00	3.00	100	183.80	7.00	3.30
		67.00 - 70.00 As above, continuing greywacke and felsic tuff which is highly fractured and weakly cemented by clay - hematite and carbonate. Pervasive sericite and carbonate alteration is locally intense.	160650	67.00	70.00	3.00	99	42.90	5.90	1.60
		70.00 - 73.00 As above, continuing fault rubble / breccia with fragments held together with clay - hematite - carbonate. Fault contact is low angle (0 to 10° to core axis) and most evident between 70.15 and 71.50. Strong carbonate alteration of all fragments. Possible minor clay-alteration also. Very little sulphide noted in this interval, none in the breccia and only minor amounts in the host rock. None is associated with veining (carbonate) or fault	160651	70.00	73.00	3.00	98	152.90	4.30	5.70
		73.00 - 76.00 As above continuing highly, carbonate and hematite altered grey - volcanic wacke. At 74.10 there is a 2 cm thick carbonate vein. Fault rubble between 74.70 and 75.95 is weakly cemented with clay and hematite, oriented at 0 - 5° to core axis. Hosting rock is carbonate and hematite - MnO altered. Possible underlying weak epidote alteration. Almost all alteration seen here is low temperature.	160652	73.00	76.00	3.00	96	16.10	0.90	0.50

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag (ppm)
		76.00 - 79.00 Continuing highly fractured core, but with only a small amount of fault rubble. A multitude of fracture orientations. Carbonate veinlets are most common at angles >45° to core axis, and often have hematite selvages. Low angle fractures are marked by hematite coatings on a soft dark substance - wad MnO (?). Alteration envelopes are very common to 1 cm thick. Hematite - MnO are most common followed by and cut by carbonate alteration envelopes. Host rock is moderately to strongly carbonate altered, ± sericite ± clay (?) / bleaching. No sulphide seen.	160653	76.00	79.00	3.00	98	3.80	1.80	0.10
		79.00 - 82.00 As above, strongly carbonate - hematite ± MnO altered wacke. Carbonate veinlets and irregular hairline fracture fillings are common. The hematite - MnO seems to be selectively replacing a mineral yielding a dark spotted appearance but it is unclear what mineral is being replaced. This alteration forms up to 4 cm wide alteration envelopes which are soft - No evidence that there is any biotite. Carbonate veining to 3 cm thick is low angle (0 - 5° to core axis) and has very irregular scalloped edges to the veining and fragments, and to the sides of vein walls suggesting some carbonate-replacement. No sulphides seen. The above veining occurs between 80.00 and 80.65 and between 81.40 and 82.20.	160654	79.00	82.00	3.00	99	2.40	0.50	0.10
		82.00 - 85.00 As above, continuing irregular carbonate veining to 82.20. Thin carbonate veinlets are common through most of the interval. Most of these veinlets are < 1mm; however, one at 83.00 is at 75° to core axis and is 4 mm thick. This interval is dominated by multiple cross-cutting black alteration envelopes 1-4 cm wide. These dark zones appear to be mainly the result of hematite alteration. They are non-magnetic, soft, fine-grained replacements that carry minor carbonate and include some sericitic alteration of felsic minerals. MnO maybe present. Biotite is not present, nor is tourmaline.	160655	82.00	85.00	3.00	99	0.80	1.20	< .1
		85.00 - 88.00 As above, but core is becoming harder, more competent, although continuing highly fractured. Thin, 1 mm carbonate veinlets are common, as are numerous dark veinlets, alteration envelopes and big angular patches to 10 cm. In rare locations where primary textures are preserved, the dark minerals appear to be lath-like, or stubby, needle-shaped and form felted masses. Possible that they could be tourmaline which has since been altered as they are a bit too soft now and can be faintly scratched by a knife. In other places, it looks like it is altered magnetite. Hematite continues to be common and present on most late fracture surfaces. The black mineral (once tourmaline?) is most commonly found on 60° to core axis fractures and is commonly is cut by calcite veining. No sulphides seen.	160656	85.00	88.00	3.00	99	4.70	0.90	< .1
		88.00 - 91.00 As above, continuing dark alteration zones (tourmaline) cutting core and leaving hairline to 1-2 cm wide alteration envelopes most commonly in the 45 to 60° to core axis range. Much of this interval is fractured and broken into fault rubble that is weakly held together by clay and hematite. The "Tourmaline" altered fractures appear to be two sets of parallel fractures intersecting at about 90° to each other, rather than a "stockwork". This continues to be cut by irregular thin carbonate veinlets.	160657	88.00	91.00	3.00	96	4.90	0.80	< .1
		91.00 - 94.00 As described a above, dark, tourmaline (?) alteration envelopes from 1 mm to 2 cm wide cut the core every few cm, and cross-cut each other. Core is in general much harder with less carbonate alteration. Intense sericitic alteration along some fractures is still noted. Continuing high density of calcite veinlets also. No fixed orientation for any particular veinlet or alteration although tourmaline (?) veinlets are dominantly >45° to core axis.	160658	91.00	94.00	3.00	100	1.20	2.80	0.10
		94.00 - 97.00 As above to a fault at 94.82 - 94.95 with rubble and hematitic clay. Footwall of fault is much lighter sandy-grey in colour, bleached looking and softer. Moderate carbonate alteration. Core slowly grades back into a harder, darker (medium-grey) coloured core with only minor carbonate alteration over the next 3 metres, and with only minor hairline tourmaline alteration along infrequent fractures. Every 2-15 cm core continues to be cut by late, frequent carbonate veinlets. Interval terminates with a 1 cm	160659	94.00	97.00	3.00		49.40	10.20	0.50

Depth (metres) From (m)	To (m)	LITHOLOGICAL DESCRIPTION	SAMPLES Sample #	From (m)	To (m)	Metres	Rec. %	ASSAYS Cu (ppm)	Au (ppb)	Ag)ppm)
		97.00 - 100.00 As described above, core progressively gets harder, darker and shows less carbonate alteration. Weak epidote-alteration is first noted in this hole primarily as 2 mm to 1 cm alteration envelopes on 30° and 50° to core axis fractures. Rock type appears to continue to be volcanic wacke or crystal lithic tuff. Rock is very felsic, but contains about 5% black bits that maybe lithic / mudstone fragments. Thin, irregular carbonate veinlets are very frequent. Softness of rock appears to be due to weak sericitic and / or carbonate alteration. Little epidote alteration of rock outside of fracture controlled alteration envelopes (except for weak epidote alteration below 99.50). No sulphides seen.	160660	97.00	100.00	3.00	99	35.30	1.90	< .1
		00.00 - 103.00 As described above but with increasing epidote alteration to moderate by bottom of interval. Weaker carbonate alteration, although carbonate veinlets continue to cut the core every one to few centimeters. Density of tourmaline fractures increases toward bottom of interval to one every few cm. No sulphides.	160661	100.00	103.00	3.00	100	30.50	2.10	0.10
		103.00 - 106.00 As above, although upper section is a bit lighter in colour and shows a bit more carbonate alteration. Density of tourmaline-fractures is high, every cm, many cross cut each other. Most in the 30-60° to core axis range. All of the dark mineral has been altered and is soft (hardness may be 4) and somewhat earthy, so difficult to ID as originally tourmaline. Pervasive weak to moderate carbonate alteration. No sulphides seen.	160662	103.00	106.00	3.00	100	15.00	1.50	< .1
		106.00 - 108.55 As above, continuing high density of dark, cross-cutting fractures, with the dark mineral tentatively ID'd as originally being tourmaline and forming alteration envelopes from 1 mm to 1 cm. This does not look like it was biotite. Associated with two fracture sets: one at 45° and the other cross-cutting at about 60°. Most fall into this range but there is a wide overall range of orientations. Continuing pervasive carbonate alteration. Increasing amount of epidote-alteration through interval to moderate pervasive and locally intense. Central part of interval is fractured and shows fault contact at 20-30° to core axis to a more bleached, carbonate alteration and more weakly epidote altered wacke / volcanic tuff below, but grades back into same rock type / characteristics.	160663	106.00	108.55	2.55	100	826.30	6.60	0.30
108.55	151.18	ANDESITE FLOWS WITH MINOR TUFF. Fine grained flows developing a pronounced hornfels with depth.								
		108.55 - 112.00 Epidote altered. Beginning of sulphide as a fracture controlled and a weakly developed sx alteration envelopes dominantly pyrite but includes chalcopyrite blebs on fractures with epidote. The tourmaline fracture set is dying out rapidly and by 109.00 is only a minor detail. Sulphide-mineralized fractures are generally at high angles, about 60-80° to core axis and some times occupy the same fractures as tourmaline. Ratio of pyrite to chalcopyrite is less than 6:1 and many fractures are pyrite only. By bottom of this interval disseminated pyrite averages 3%. Core is not magnetic.	160664	108.55	112.00	3.45	100	261.10	1.60	0.10
		112.00 - 115.00 As described above, continuing pervasive epidote alteration, disseminated 1-3% pyrite with much higher percent near high angle fractures. Minor disseminated chalcopyrite, may be with local concentrations to 1/2 % ratio pyrite to chalcopyrite is less than 10:1 continuing weak carbonate alteration and thin carbonate veinlets. Chlorite-epidote ± carbonate ± gypsum fracture fillings becoming common.	160665	112.00	115.00	3.00	100	293.10	2.30	0.20
		115.00 - 118.00 As above rock is much more competent, hard and more similar to the crystal tuff in previous holes than the wacke above. Continuing pervasive epidote-alteration and disseminated pyrite although pyrite has decreased (minor to 2% present). Epidote alteration on fractures is pronounced. By this interval, the rock has developed a more aphanitic - crystalline appearance (hornfels), it is likely a andesitic flow. Core has also developed tiny dark spots, in amounts of about 2% (fine botite?). Continuing	160666	115.00	118.00	3.00	100	9.30	0.60	< .1

Depth (metres)		LITHOLOGICAL DESCRIPTION	SAMPLES				Rec.	ASSAYS		
From (m)	To (m)		Sample #	From (m)	To (m)	Metres	%	Cu (ppm)	Au (ppb)	Ag)ppm)
		118.00 - 121.00 As above continuing volcanic flow / tuff. Epidote alteration is pervasive but has decreased to weak-moderate and is only intense along fractures. Continuing pervasive carbonate alteration but it has decreased also, and is only weak. Core is much harder and breaks with a sharp edge. Continuing dark specks which have been altered to chlorite, pyrite has decreased to a trace. Core is not magnetic.	160667	118.00	121.00	3.00	100	6.30	1.00	< .1
		121.00 - 124.00 As above, the continuing pale grey colour and sharp breakage suggests that the composition could be moving into more of a latite-quartz latitie / andesite composition. Still possible to scratch with a knife. Small patches of epidote testify to continuing epidote alteration but it is no pervasive and largely confined to fractures and spots. Wide spread minor carbonate alteration, which is largely confined to fractures. No sulphides [illegible]. Core is not magnetic.	160668	121.00	124.00	3.00	100	3.30	0.50	< .1
		124.00 - 127.00 Continuing as above, intermediate volcanic flows. Hard, but can still scratch with knife. Pervasive minor carbonate alteration patchy weak - moderate epidote alteration. Continuing light - medium sandy-grey colour. Tiny dark spots may be biotite altered mafics(?). No sulphides seen. Core is not magnetic.	160669	124.00	127.00	3.00	100	3.10	0.70	< .1
		127.00 - 130.00 As above with an increase in epidote alteration to pervasive moderate with patchy intense epidote alteration. Dark spots of mafic occasionally form larger clots to 1 cm and are often associated with epidote alteration. No sulphides.	160670	127.00	130.00	3.00	100	3.10	1.00	< .1
		130.00 - 133.00 As described above, very little change except for appearance of pyrite and minor chalcopyrite associated with epidote veining along fractures in the 50 - 70o to core axis range. Mineralized fractures are infrequent.	160671	130.00	133.00	3.00	100	186.60	4.20	0.20
		133.00 - 136.00 As above, but rock becoming more crystallic looking darker, fresher and less altered. Can still be scratched but difficult to break, and when broken has sharp edges. Probably a andesite-latite flow. Minor carbonate alteration. Pyrite and minor chalcopyrite noted with epidote along some fractures generally in the range of 60o to core axis. Core is weakly magnetic.	160672	133.00	136.00	3.00	100	290.50	0.70	0.20
		136.00 - 139.00 As above, dark grey aphanatic andesite - latite flows. Very homogenous looking. Minor patchy epidote and as fracture fillings on 35° to core axis fractures. Core is moderately magnetic. Minor pyrite on some fractures. Possible weak pervasive chlorite - epidote alteration giving weak greenish - grey colour to core. Carbonate alteration limited to a few irregular fracture fillings. Weakly magnetic.	160673	136.00	139.00	3.00	100	226.10	4.10	0.10
		139.00 - 142.00 As above. Intermediate volcanic flows with pyritic stringers and blebs of chalcopyrite on a few 1-2 mm epidote fractures at 70-80° to core axis. The somewhat aphanitic appearance of rock continues to suggest some degree of hornfelsing. Mineralized (pyrite) fractures are for the most part dry with minor calcite, are commonly oriented at about 70-80° to core axis and are found every few cm in a few sections. Very thin hairline fractures. Thicker (about 1mm) fracture, commonly with epidote also usually include blebs of chalcopyrite and are well mineralized within the fracture, but these fractures are infrequent and represent only a minor amount of the 3 m interval. Weakly	160674	139.00	142.00	3.00	100	619.20	5.10	0.20
		142.00 - 145.00 As above, dark grey volcanic hornfels. Minor hairline carbonate veinlets. One thin (< 1mm) chalcopyrite-rich, pyrite - epidote veinlets noted at 142.10. The amount of fracturing has decreased to only a minor amount over this and the last sample interval. Pyrite rare on few remaining fractures. Although this hornfels has developed a dark greyish colour, no biotite is evident suggesting a more intermediate than basic composition.	160675	142.00	145.00	3.00	100	41.90	1.30	< .1
		145.00 - 148.00 As above, volcanic hornfelds. Continuing minor carbonate alteration. Moderately magnetic, which is gradually increasing. Trace of pyrite on fractures.	160676	145.00	148.00	3.00	100	100.20	2.50	< .1
	151.18	END OF HOLE.								

APPENDIX B

ANALYTICAL CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Fjord Land Minerals PROJECT Woodjam File # A301676 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: John Peters

SAMPLE#	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
L1-1	1.2	26.2	8.7	235	.1	20.0	9.2	2040	2.75	3.8	.3	1.9	.7	40	.8	.2	.2	53	.63	.089	10	19.0	.34	643	.030	6	1.36	.008	.16	.1	<.01	3.0	.1	<.05	5	.5
L1-2	1.0	33.8	11.3	169	.2	12.4	11.5	1400	4.06	7.7	.2	4.7	1.3	39	.6	.2	.1	61	.57	.134	5	14.4	.37	463	.022	<1	1.34	.006	.15	.1	.01	3.0	.1	<.05	5	<.5
L1-3	1.0	28.9	6.9	68	.1	8.3	6.9	806	2.33	6.5	.2	2.3	1.1	26	.3	.2	.1	53	.31	.102	4	15.2	.28	270	.030	1	.85	.007	.07	.1	<.01	2.1	<.1	<.05	3	.5
L1-4	.7	12.8	5.7	86	.2	6.3	5.7	776	1.86	3.6	.2	1.7	.8	32	.3	.1	.1	39	.27	.076	4	13.9	.17	257	.028	5	.75	.010	.10	.1	.01	1.7	<.1	<.05	3	<.5
L1-5	.3	11.0	4.1	55	.1	11.3	5.9	402	1.49	1.9	.2	.7	1.0	27	.2	.2	.1	42	.28	.085	5	24.0	.29	157	.063	<1	1.01	.006	.08	.1	<.01	1.9	<.1	<.05	4	<.5
L1-6	.7	6.5	4.2	59	.1	10.0	5.1	367	1.19	1.3	.2	.6	1.0	28	.1	.1	.1	32	.28	.067	4	17.1	.23	150	.059	3	.85	.008	.07	.1	.01	1.7	<.1	<.05	3	<.5
L1-7	.4	9.6	5.0	78	.1	13.1	5.7	306	1.61	2.4	.3	2.7	1.5	30	.2	.2	.1	43	.28	.136	5	20.7	.29	149	.057	<1	1.32	.009	.06	.1	.01	2.0	<.1	<.05	5	<.5
L1-8	.6	7.2	4.4	75	.2	10.6	5.0	317	1.28	1.3	.3	182.4	1.0	32	.2	.1	.1	34	.30	.098	5	20.5	.24	178	.067	1	.95	.008	.09	<.1	<.01	1.7	.1	<.05	4	<.5
L1-9	.3	17.2	5.6	64	.2	15.1	5.8	503	1.34	1.8	.3	.6	1.4	37	.2	.2	.1	38	.29	.059	10	22.1	.32	142	.071	<1	1.10	.009	.08	.1	.01	2.2	.1	<.05	4	<.5
L1-10	.4	7.5	5.2	52	.2	11.3	4.3	288	1.31	1.5	.2	11.6	1.3	28	.1	.1	.1	32	.23	.123	5	21.9	.21	185	.067	<1	1.06	.007	.07	.1	.01	1.7	.1	<.05	4	<.5
L1-11	.3	5.4	4.0	62	.1	8.6	4.5	246	1.21	1.2	.2	<.5	1.2	25	.1	.1	.1	33	.21	.095	5	20.0	.21	150	.066	3	.93	.007	.05	.1	<.01	1.7	<.1	<.05	3	<.5
L1-12	.2	6.2	4.9	25	.1	5.9	2.8	121	.81	1.0	.2	1.0	1.1	22	.1	.1	.1	25	.20	.050	5	14.7	.14	92	.066	3	.62	.007	.05	<.1	<.01	1.2	<.1	<.05	3	<.5
L1-13	.3	7.7	4.8	65	.2	8.6	3.9	374	1.31	1.9	.3	3.4	1.1	34	.1	.4	.1	36	.30	.084	5	16.4	.24	161	.049	<1	1.06	.008	.06	.1	<.01	1.8	<.1	<.05	4	<.5
L1-14	.5	21.5	6.4	101	.2	21.4	7.1	417	1.77	2.6	.5	1.9	1.4	43	.1	.2	.1	43	.36	.116	9	28.6	.39	209	.062	3	1.71	.009	.08	.1	.01	3.0	.1	<.05	6	<.5
L1-15	.4	5.7	4.0	48	.1	8.1	4.0	303	1.11	1.1	.3	1.7	.9	26	.1	.1	.1	32	.25	.040	5	21.5	.21	110	.072	<1	.76	.007	.05	.1	<.01	1.3	<.1	<.05	3	<.5
L2-16	.6	7.3	5.7	71	.2	9.6	5.9	311	1.59	2.8	.2	<.5	1.3	32	.2	.1	.1	34	.22	.359	4	20.9	.20	226	.059	6	1.40	.007	.07	.1	.02	2.0	<.1	<.05	5	<.5
L2-17	.5	7.3	5.0	29	.1	10.2	3.9	144	1.30	2.2	.3	1.6	1.1	27	.1	.1	.1	28	.26	.187	4	18.3	.21	105	.051	4	1.06	.011	.05	.1	.01	1.5	<.1	<.05	4	<.5
L2-18	.6	6.7	4.5	18	.1	3.8	2.1	84	.75	.8	.2	5.2	.4	24	.3	.1	.1	22	.24	.045	3	13.2	.11	59	.047	1	.47	.007	.04	<.1	.01	.9	<.1	<.05	3	<.5
L2-19	.4	8.2	4.6	29	.1	10.3	4.7	305	1.31	2.1	.3	1.4	1.2	29	.2	.2	.1	38	.30	.078	5	22.2	.25	110	.065	1	1.00	.009	.06	.1	<.01	1.3	<.1	<.05	3	<.5
L2-20	.7	10.5	4.5	31	.1	14.7	6.2	200	1.62	2.4	.5	5.7	1.2	36	.1	.2	.1	48	.34	.040	6	27.6	.40	100	.084	3	1.32	.011	.07	<.1	.01	1.8	<.1	<.05	4	<.5
L2-21	.9	52.1	7.2	51	.1	43.7	14.7	595	2.78	8.7	.9	4.3	3.4	79	.1	.5	.2	71	.72	.069	16	43.8	.78	186	.097	3	1.71	.029	.17	.1	.02	6.1	.2	<.05	5	.5
L2-22	.2	79.3	5.9	40	.2	32.6	11.3	266	2.48	3.8	.8	2.9	2.9	85	.1	.3	.1	51	.79	.065	14	51.2	.76	162	.090	3	1.74	.030	.17	.1	.02	6.3	.2	<.05	5	.5
RE L2-22	.2	78.7	5.8	41	.1	34.3	11.3	264	2.44	3.6	.8	3.7	2.9	88	.1	.3	.1	52	.79	.063	14	51.0	.76	154	.088	4	1.69	.029	.17	.1	.03	6.3	.2	<.05	5	.5
L2-23	.4	6.9	3.7	23	.1	8.9	4.5	218	1.21	1.5	.2	.5	1.2	23	.1	.2	.1	33	.24	.070	5	20.2	.26	77	.067	4	.86	.009	.05	<.1	<.01	1.4	<.1	<.05	3	<.5
L2-24	.7	2.8	4.1	13	.1	2.8	2.6	673	.64	<.5	.2	3.6	.4	24	.1	.1	.1	21	.24	.024	3	10.9	.10	76	.054	3	.35	.006	.04	<.1	<.01	.7	<.1	<.05	2	<.5
L2-25	.3	6.1	3.4	15	.1	5.9	2.7	343	.89	1.2	.2	2.2	.8	21	.1	.2	.1	26	.20	.036	4	15.7	.17	105	.059	2	.58	.005	.05	<.1	<.01	1.3	<.1	<.05	2	<.5
L2-26	.5	5.3	3.2	14	.1	5.4	3.5	458	.82	.9	.2	<.5	.4	24	<.1	.1	.1	24	.25	.040	3	15.1	.16	76	.045	<1	.52	.005	.04	.1	.01	.9	<.1	<.05	2	<.5
L2-27	.3	2.8	3.6	13	.1	2.5	1.9	321	.51	.5	.1	.6	.5	16	.1	.1	.1	16	.19	.037	3	9.3	.09	44	.046	<1	.32	.005	.05	<.1	<.01	.6	<.1	<.05	2	<.5
L2-28	.4	4.3	3.5	23	.1	6.4	3.3	289	.96	1.0	.2	<.5	.9	16	.1	.1	.1	27	.19	.049	4	16.7	.18	65	.056	<1	.63	.006	.04	.1	.01	1.3	<.1	<.05	3	<.5
L2-29	.4	4.5	3.2	21	.1	6.8	4.0	230	1.05	1.1	.2	<.5	.8	18	<.1	.1	.1	28	.20	.045	4	17.6	.21	71	.058	1	.67	.007	.05	<.1	.01	1.0	<.1	<.05	2	<.5
L2-30	.2	5.5	3.1	22	<.1	6.0	3.0	218	.94	1.1	.2	2.6	.9	17	.1	.1	.1	27	.17	.054	3	17.0	.18	71	.056	2	.57	.006	.05	<.1	<.01	1.2	<.1	<.05	2	<.5
L2-31	.4	8.3	3.6	19	.1	9.9	5.4	197	1.13	1.8	.3	.6	1.3	31	<.1	.1	.1	31	.31	.024	5	23.5	.32	90	.063	3	.74	.008	.06	<.1	.01	1.6	<.1	<.05	3	<.5
L2-32	.4	11.0	3.7	28	<.1	16.1	7.8	302	1.50	4.1	.3	<.5	2.1	32	<.1	.2	.1	48	.32	.077	8	31.7	.43	89	.086	<1	.89	.012	.11	.1	.01	2.0	.1	<.05	3	<.5
L2-33	.3	3.7	3.5	12	.1	2.8	2.0	336	.47	.5	.1	1.1	.5	15	.1	.1	.1	15	.14	.017	3	9.0	.10	70	.042	1	.32	.005	.05	<.1	.01	.7	<.1	<.05	2	<.5
STANDARD	6.8	129.2	30.9	158	.3	33.6	11.6	779	3.14	22.5	6.3	28.9	3.8	27	5.4	4.7	5.1	79	.52	.081	16	165.1	.61	138	.086	3	1.73	.029	.16	4.2	.29	3.8	1.1	<.05	6	1.3

Standard is STANDARD DS4.

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 26 2003 **DATE REPORT MAILED:** June 5/03 **SIGNED BY** .... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

SAMPLE#	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
L2-34	.8	6.3	4.9	27	.1	5.2	4.2	324	.70	.6	.2	.8	.5	27	.1	.1	.1	21	.27	.038	4	10.8	.16	128	.039	2	.64	.009	.05	.1	<.01	1.2	<.1	<.05	4	<.5
L3-35	.7	22.5	6.8	97	.1	16.2	8.7	1523	2.05	4.0	.3	<.5	1.1	19	.2	.4	.2	54	.26	.122	5	18.5	.42	279	.045	3	1.94	.007	.05	.1	.01	2.4	.1	<.05	7	<.5
L3-36	.9	23.0	5.5	62	.1	16.3	7.6	934	1.63	4.7	.3	<.5	1.0	44	.3	.3	.1	42	.50	.080	5	19.7	.41	221	.051	1	1.20	.008	.06	.1	<.01	2.1	.1	<.05	4	<.5
L3-37	.7	10.6	5.2	67	.2	11.7	5.6	476	1.38	1.8	.3	.9	1.0	31	.2	.3	.1	33	.37	.130	5	18.5	.30	267	.048	1	1.06	.009	.06	.1	<.01	1.8	.1	<.05	4	<.5
L3-38	.8	16.3	4.6	78	.2	9.7	6.9	1884	1.28	2.5	.2	.8	.6	20	.5	.2	.1	33	.26	.135	4	15.6	.19	219	.039	1	.86	.006	.05	.1	<.01	1.5	<.1	<.05	4	<.5
L3-39	.5	65.9	5.3	34	.1	18.1	8.1	202	2.05	5.5	.4	18.7	1.4	34	.1	.5	.1	54	.34	.071	4	22.9	.63	112	.066	2	1.47	.008	.13	.1	.01	2.5	.1	<.05	4	<.5
L3-40	.8	96.2	6.4	48	.2	29.6	9.4	221	2.33	4.8	.4	1.3	2.6	42	.1	.4	.1	50	.49	.202	7	35.2	.55	190	.072	2	1.83	.010	.12	.1	<.01	3.4	.1	<.05	5	<.5
L3-41	1.1	367.7	44.7	113	.8	38.0	11.2	593	2.81	48.3	.5	44.7	2.6	44	.3	5.0	.3	55	.51	.230	8	33.2	.63	280	.076	3	2.25	.011	.13	.1	.05	4.0	.1	<.05	7	<.5
L3-42	.9	77.4	22.3	73	.2	20.4	7.8	863	1.76	3.5	.4	1.1	1.8	46	.3	.7	.2	41	.64	.131	7	25.6	.46	237	.066	3	1.37	.009	.11	.1	.02	2.7	.1	<.05	5	<.5
L3-43	.8	26.5	6.7	48	.2	30.8	8.8	415	2.15	4.7	.5	1.1	2.3	54	.1	.5	.1	52	.60	.236	8	31.9	.61	251	.071	2	1.92	.018	.09	.1	<.01	3.2	.1	<.05	5	<.5
L3-44	.6	78.9	6.5	57	.3	31.2	10.1	431	2.36	5.0	.7	1.5	2.7	47	.1	.4	.1	58	.59	.062	14	39.9	.60	170	.087	2	1.69	.016	.13	.1	.01	4.6	.1	<.05	5	<.5
L3-45	.7	18.4	6.2	41	.1	25.2	8.6	284	1.96	3.2	.6	<.5	2.2	37	.1	.3	.1	46	.43	.111	8	34.7	.47	139	.084	1	1.62	.010	.08	.1	<.01	2.6	.1	<.05	5	<.5
L3-46	.7	30.6	6.1	45	.1	31.5	11.2	364	2.19	4.7	.8	3.0	3.3	47	<.1	.3	.1	62	.43	.047	12	41.5	.64	115	.118	1	1.43	.017	.11	.1	<.01	3.7	.1	<.05	4	<.5
L3-47	.9	21.7	5.9	37	.2	19.9	9.6	244	1.92	3.3	.8	5.0	2.2	41	.1	.3	.1	53	.38	.029	9	34.7	.54	81	.093	1	1.31	.014	.10	.1	<.01	3.0	.1	<.05	4	<.5
L3-48	1.1	15.9	5.6	40	.2	19.7	8.5	216	1.99	2.7	.4	<.5	1.6	35	.1	.3	.1	58	.33	.052	7	34.8	.48	95	.085	2	1.45	.009	.07	.1	<.01	2.2	<.1	<.05	5	<.5
L3-49	.7	25.1	5.3	40	.2	20.4	7.2	307	1.88	4.2	.6	5.4	2.0	36	.1	.3	.1	51	.34	.072	8	37.1	.48	99	.080	1	1.26	.013	.10	.1	<.01	2.7	.1	<.05	4	<.5
L3-50	.6	10.2	5.9	48	.2	11.3	6.8	226	1.32	1.5	.3	.7	1.0	41	.2	.1	.1	32	.42	.119	6	21.0	.35	122	.066	3	1.07	.009	.15	<.1	.01	2.1	<.1	<.05	4	<.5
RE L3-50	.6	10.0	5.8	47	.2	11.1	6.3	227	1.33	1.2	.3	.6	1.0	41	.2	.1	.1	32	.41	.114	6	21.2	.34	117	.068	2	1.08	.010	.14	<.1	<.01	2.0	<.1	<.05	5	<.5
L3-51	.7	9.2	6.2	72	.2	13.4	6.1	303	1.44	1.5	.3	1.6	1.6	26	.1	.3	.1	33	.21	.169	7	27.1	.27	206	.062	2	1.27	.010	.07	.1	<.01	2.4	.1	<.05	5	<.5
L3-52	.5	7.7	5.8	56	.1	12.1	4.8	328	1.30	1.8	.3	1.4	1.5	27	.3	.2	.1	31	.23	.108	7	26.3	.24	146	.069	2	1.08	.009	.06	<.1	<.01	2.2	<.1	<.05	4	<.5
L3-53	1.0	6.9	5.8	39	.2	9.3	4.3	208	1.21	.9	.3	1.7	1.3	21	.3	.2	.1	36	.19	.040	7	25.7	.24	97	.065	2	.76	.009	.05	.1	<.01	1.5	<.1	<.05	4	<.5
L3-54	.7	5.5	6.4	44	.1	8.2	4.2	300	1.01	.8	.3	4.4	1.4	20	.1	.1	.1	31	.23	.044	8	23.0	.24	101	.073	2	.80	.009	.07	.1	<.01	1.7	.1	<.05	4	<.5
L3-55	.7	7.0	6.5	108	.3	9.1	4.2	655	1.13	1.0	.3	1.0	1.2	22	.4	.1	.1	31	.23	.053	7	22.9	.22	127	.071	3	.87	.011	.07	<.1	.02	1.7	<.1	<.05	4	<.5
L3-56	.6	23.2	6.4	70	.4	23.7	8.6	367	2.06	3.7	.7	1.8	2.7	43	.2	.3	.1	54	.44	.068	11	38.9	.60	146	.103	3	1.58	.024	.13	.1	<.01	3.6	.1	<.05	5	<.5
L3-57	.9	26.7	8.1	64	.3	20.5	9.7	606	1.79	2.5	1.1	2.3	1.7	62	.7	.3	.1	43	.66	.073	11	33.4	.43	172	.069	3	1.38	.013	.14	.1	<.01	2.7	.1	<.05	5	<.5
STANDARD DS4	6.7	121.7	30.8	158	.3	34.3	11.8	817	3.15	23.0	6.5	26.6	3.8	28	5.3	4.7	5.1	74	.54	.090	16	159.9	.57	140	.081	2	1.72	.030	.15	4.1	.27	3.7	1.1	<.05	6	1.2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD.   852 E. HASTINGS ST. VANCOUVER BC V6A 1R6   PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Fjord Land Minerals PROJECT WOODJAM   File # A302599   Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2   Submitted by: John Peters

SAMPLE#	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
G-1	2.3	3.8	2.5	43	<.1	5.1	4.3	570	2.06	.6	1.8	.6	4.2	90	<.1	<.1	.1	43	.60	.080	10	21.0	.54	248	.156	2	1.07	.120	.48	4.1	<.01	2.6	.3	<.05	4	<.5
L4-01	.6	17.1	4.4	31	.1	14.6	6.3	205	1.55	3.9	.3	1.1	1.6	44	.1	.4	.1	44	.39	.085	5	23.6	.31	104	.073	2	.97	.011	.06	.1	.02	2.1	<.1	<.05	3	<.5
L4-02	.5	14.8	4.6	35	.2	15.6	6.3	194	1.57	3.5	.3	1.2	1.6	33	.1	.4	.1	43	.28	.106	6	24.6	.32	108	.076	1	1.18	.011	.06	<.1	.01	2.3	.1	<.05	3	<.5
L4-03	.6	9.8	4.7	39	.1	13.6	6.1	883	1.41	2.4	.3	.7	1.1	56	.2	.3	.1	40	.51	.096	5	22.4	.29	160	.073	2	1.00	.010	.06	<.1	.02	1.9	<.1	<.05	3	<.5
L4-04	.7	6.4	4.5	39	.1	7.1	4.1	521	.94	1.7	.2	<.5	.2	36	.2	.2	.1	26	.39	.078	4	15.3	.19	103	.051	2	.66	.008	.05	<.1	.03	1.1	<.1	<.05	3	<.5
L4-05	.6	23.3	5.2	49	.2	17.0	7.1	363	1.54	3.8	.4	1.6	1.7	43	.2	.3	.1	41	.36	.130	9	25.8	.33	163	.075	2	1.24	.011	.06	.1	.01	2.8	.1	<.05	4	<.5
L4-06	.6	9.5	4.8	47	.1	8.4	5.3	604	1.09	2.2	.2	.7	.9	42	.2	.2	.1	30	.41	.083	4	17.2	.23	108	.065	2	.71	.009	.07	.1	.01	1.6	<.1	<.05	3	<.5
L4-07	.5	16.1	4.4	51	.2	15.9	7.3	233	1.61	3.6	.4	8.7	1.6	35	.1	.4	.1	44	.31	.117	6	25.9	.34	146	.079	2	1.32	.011	.06	<.1	.02	2.4	.1	<.05	4	<.5
L4-08	.4	9.5	5.4	53	.1	10.0	4.9	475	1.07	1.4	.3	<.5	1.0	34	.2	.2	.1	29	.32	.068	7	18.2	.25	154	.067	1	.79	.009	.07	<.1	.01	1.7	<.1	<.05	3	<.5
L4-10	.7	12.1	6.2	105	.3	17.9	7.6	578	1.84	2.9	.4	<.5	1.8	40	.2	.3	.1	41	.37	.292	6	27.3	.35	335	.074	3	1.76	.011	.12	.1	.02	3.1	.1	<.05	5	<.5
L4-11	.5	14.6	5.6	52	.2	16.2	6.9	434	1.68	3.3	.5	.6	1.3	47	.2	.4	.1	43	.53	.156	7	28.4	.37	204	.082	3	1.31	.012	.08	.1	.03	2.5	.1	<.05	4	.5
L4-12	.6	11.0	5.7	34	.1	7.7	4.1	731	.89	1.3	.3	.5	.7	33	.4	.2	.1	27	.50	.036	4	16.5	.22	109	.068	4	.59	.010	.07	.1	.02	1.3	<.1	<.05	3	<.5
L4-13	.5	25.8	5.4	47	.2	14.4	7.4	187	1.80	4.8	.6	.9	1.2	46	.2	.2	.2	44	.56	.144	5	23.0	.36	143	.084	2	1.49	.010	.05	.1	.02	2.2	<.1	<.05	5	<.5
L4-14	.7	10.5	8.0	71	.1	11.5	8.2	669	1.82	2.2	.3	1.5	1.2	37	.3	.3	.1	43	.39	.166	5	24.7	.28	247	.075	2	1.50	.008	.07	.2	.02	2.1	.1	<.05	5	<.5
L4-15	.9	15.5	5.8	33	.2	14.0	7.1	737	1.49	2.5	.4	2.0	1.6	41	.1	.4	.1	43	.44	.083	7	28.0	.37	129	.090	2	.93	.011	.09	.1	.02	2.1	.1	<.05	3	<.5
L4-16	.9	13.2	6.3	65	.2	22.2	8.4	419	2.14	3.0	.4	1.0	2.7	49	.2	.3	.1	46	.46	.185	10	45.9	.60	250	.101	3	1.56	.010	.09	.1	.02	2.9	.1	<.05	6	<.5
L4-17	.7	11.9	6.8	64	.3	17.0	7.5	377	1.63	2.3	.4	.7	1.7	45	.2	.2	.1	37	.48	.124	7	27.6	.37	183	.093	3	1.41	.011	.09	.1	.03	2.6	.1	<.05	5	<.5
L4-18	.6	18.2	6.6	60	.3	17.5	7.4	609	1.56	1.7	.6	.7	1.4	52	.4	.2	.1	39	.71	.047	9	29.8	.36	167	.091	3	1.29	.016	.07	.1	.04	2.2	.1	<.05	3	<.5
L4-19	1.2	34.9	7.1	100	.2	17.0	12.4	508	2.73	10.6	.4	.9	1.0	29	.4	.5	.2	63	.32	.104	8	30.6	.54	178	.072	3	1.74	.011	.07	.1	.02	4.0	.1	<.05	7	<.5
RE L4-19	1.1	34.5	7.1	98	.2	16.4	12.4	515	2.74	11.2	.4	2.0	1.1	31	.5	.5	.2	66	.32	.103	8	29.8	.57	178	.073	3	1.79	.011	.07	.1	.02	4.1	<.1	<.05	7	.5
L5-20	.4	15.8	5.5	49	.1	17.9	5.9	213	1.62	2.9	.4	1.7	2.1	48	.1	.2	.1	40	.41	.166	7	25.1	.32	155	.085	2	1.38	.011	.11	.1	.02	2.3	<.1	<.05	4	<.5
L5-21	.6	4.7	4.4	21	.1	6.4	3.1	190	.85	1.1	.2	.5	.8	26	.1	.1	.1	29	.24	.047	5	16.0	.17	94	.075	2	.59	.010	.04	<.1	.02	1.2	<.1	<.05	3	<.5
L5-22	.5	13.0	5.0	42	.1	16.8	6.7	250	1.55	2.7	.3	1.5	1.5	34	.1	.2	.1	37	.28	.098	6	24.3	.29	145	.081	2	1.16	.010	.06	<.1	.02	1.9	<.1	<.05	4	<.5
L5-23	.6	10.6	4.6	44	.1	13.9	6.3	356	1.38	2.0	.3	1.1	1.3	38	.2	.2	.1	37	.34	.088	5	23.0	.30	118	.082	1	1.06	.011	.06	<.1	.02	2.0	.1	<.05	4	<.5
L5-24	.8	9.0	5.9	67	.2	11.2	6.9	584	1.29	1.4	.2	.8	.6	39	.3	.1	.1	32	.31	.115	5	21.2	.22	166	.073	2	.92	.011	.05	<.1	.02	1.6	<.1	<.05	4	<.5
L5-25	.7	16.7	5.7	56	.2	15.5	7.1	521	1.51	1.9	.3	1.1	1.3	53	.2	.2	.1	39	.46	.083	6	25.8	.29	147	.088	1	1.01	.012	.08	.1	.03	2.1	.1	<.05	4	<.5
L5-26	.4	17.4	4.9	57	.1	17.3	6.8	310	1.51	2.4	.3	1.6	1.5	46	.1	.2	.1	44	.44	.079	7	26.3	.33	126	.092	2	1.04	.012	.08	<.1	.01	2.1	.1	<.05	4	<.5
L5-27	.6	8.8	4.8	60	.1	12.2	5.3	617	1.27	1.8	.2	1.9	.8	51	.2	.2	.1	33	.53	.114	5	20.7	.26	179	.073	3	1.01	.010	.10	<.1	.03	1.7	<.1	<.05	4	<.5
L5-28	.4	11.3	5.0	83	.2	16.6	6.2	442	1.46	2.3	.3	.9	1.7	36	.2	.3	.1	39	.35	.096	6	26.3	.32	168	.097	2	1.26	.013	.09	<.1	.01	2.4	<.1	<.05	4	<.5
L5-29	.5	16.3	5.8	59	.2	15.9	7.0	523	1.75	3.2	.4	1.6	1.8	40	.2	.3	.1	45	.37	.108	8	29.0	.37	175	.100	3	1.22	.014	.10	.1	.01	2.7	.1	<.05	4	<.5
L5-30	.7	17.7	5.3	32	.2	16.9	7.2	393	1.73	4.0	.4	1.9	1.4	43	.2	.4	.1	50	.40	.079	7	28.6	.36	133	.101	3	1.18	.014	.07	.1	.02	2.4	.1	<.05	4	<.5
L5-31	.8	8.8	6.2	27	.1	8.8	4.8	200	1.29	1.4	.3	1.0	.9	26	.1	.2	.1	36	.27	.041	5	21.2	.26	76	.098	2	.84	.010	.06	<.1	.01	1.4	<.1	<.05	4	<.5
L5-32	.6	13.3	5.4	32	.1	15.2	6.7	265	1.67	3.4	.7	1.2	1.6	42	.1	.3	.1	51	.38	.040	7	29.4	.41	113	.101	2	1.22	.014	.08	<.1	.02	2.2	.1	<.05	4	<.5
L5-33	.8	4.6	5.9	13	.1	3.7	1.9	122	.69	.6	.2	1.0	.5	26	.1	.1	.1	24	.25	.028	4	12.8	.11	58	.061	2	.42	.008	.05	<.1	.01	1.0	<.1	<.05	2	<.5
L5-34	.6	11.5	6.2	49	.2	17.3	6.2	205	1.76	1.9	.4	6.0	2.0	51	.1	.3	.1	40	.40	.132	8	31.9	.39	152	.085	1	1.40	.011	.11	.1	.02	2.5	.1	<.05	4	<.5
STANDARD DS5	12.5	137.5	25.5	140	.3	24.9	12.3	790	2.91	17.4	6.3	42.5	2.7	50	5.7	3.8	6.4	59	.76	.090	12	189.3	.66	138	.109	18	2.06	.034	.14	4.9	.17	3.6	1.1	<.05	6	4.9

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C   Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 2003 **DATE REPORT MAILED:** July 28/03 **SIGNED BY** .... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL

Fjord Land Minerals PROJECT WOODJAM FILE # A302599

ACME ANALYTICAL

SAMPLE#	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
G-1	2.3	3.5	2.7	42	<.1	5.6	4.0	549	2.08	1.4	1.9	<.5	4.5	92	<.1	<.1	.1	41	.61	.067	11	20.9	.56	238	.140	<1	1.13	.133	.52	4.2	<.01	2.5	.3	<.05	5	<.5
L5-35	.5	8.9	6.1	49	.2	13.9	6.3	222	1.51	2.5	.4	.9	1.4	28	.1	.2	.1	38	.29	.095	7	26.4	.35	152	.072	1	1.34	.010	.08	.1	.02	2.0	<.1	<.05	5	<.5
L5-36	.8	6.4	5.8	26	.1	10.3	4.5	277	1.30	2.7	.3	<.5	1.4	29	.1	.3	.1	39	.31	.037	7	23.1	.37	72	.088	1	.90	.009	.09	.1	.01	1.8	<.1	<.05	4	<.5
L5-37	.7	11.7	6.5	43	.2	13.9	6.2	358	1.56	3.2	.7	<.5	1.3	39	.2	.3	.1	43	.44	.033	7	27.1	.38	121	.077	2	1.22	.012	.11	<.1	.03	2.0	.1	<.05	4	<.5
STANDARD DS5	12.3	144.3	25.6	138	.3	25.1	12.3	741	3.01	18.2	6.3	41.0	2.7	50	5.7	3.7	6.4	59	.72	.081	12	186.1	.67	134	.096	16	2.13	.034	.14	4.9	.15	3.5	1.0	<.05	7	4.8

Sample type: SOIL SS80 60C.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Fjord Land Minerals PROJECT WOODJAM File # A302598

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: John Peters

SAMPLE#	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	Sample gm
SI	.8	.8	.8	1	<.1	.4	.2	11	.16	.7	<.1	.7	<.1	4	<.1	<.1	<.1	2	.16	<.001	<1	3.9	.01	4	<.001	1	.02	.811	.01	<.1	<.01	.2	<.1	.44	<1	<.5	-
JP-01	1.4	19.8	3.3	64	.1	5.1	8.6	744	3.48	1.1	.4	1.4	.5	69	.2	.1	.1	44	1.68	.069	3	12.4	.85	151	.233	6	2.32	.030	.13	.9	.03	6.2	<.1	.36	5	.5	900
JP-02	.7	1.0	2.7	17	<.1	3.3	4.5	190	3.46	5.0	.5	.7	1.0	234	.1	.2	<.1	119	1.78	.086	3	14.2	.52	128	.142	5	2.57	.373	.11	.1	.01	3.4	<.1	<.05	6	<.5	500
JP-03	1.2	2.2	2.1	34	<.1	15.4	24.9	752	3.47	7.1	.3	1.4	.3	87	.1	.4	<.1	131	1.52	.106	2	23.4	2.28	85	.233	8	2.29	.035	.01	1.6	.01	7.1	<.1	<.05	5	<.5	900
JP-04	2.6	4765.1	2.3	37	1.2	11.1	22.5	613	3.64	5.8	.3	19.7	.7	55	.1	.4	.6	83	1.09	.084	3	12.0	2.04	96	.076	5	2.25	.022	.04	<.1	.01	7.1	<.1	.50	6	.8	2000
JP-05	.9	45.0	2.4	22	<.1	4.8	3.0	172	3.91	14.6	.3	.7	.5	120	<.1	.3	<.1	94	1.19	.076	2	11.4	.23	64	.117	3	1.69	.251	.12	.9	<.01	2.0	<.1	.06	4	<.5	600
JP-06	.7	25.6	1.9	36	<.1	18.0	30.6	859	3.81	6.3	.3	1.4	.3	84	<.1	.4	.1	97	1.31	.111	1	25.3	2.69	32	.087	4	2.69	.015	.03	.1	<.01	7.1	<.1	<.05	6	<.5	1400
JP-07	.7	66.9	2.0	27	<.1	10.5	21.7	704	3.68	5.6	.4	.7	1.1	92	.1	.3	<.1	96	1.27	.082	4	13.7	2.21	92	.054	9	2.67	.024	.02	.1	<.01	7.1	<.1	<.05	7	<.5	1400
JP-08	1.9	922.0	5.1	36	.4	8.2	37.6	608	4.27	3.5	.4	11.4	.6	44	.1	.3	.2	109	.72	.087	2	7.1	2.45	124	.135	4	2.45	.026	.04	.1	<.01	4.9	<.1	.82	6	<.5	600
JP-09	1.1	64.3	1.5	58	.1	15.2	108.4	1149	6.04	5.5	.3	13.9	1.0	57	<.1	.2	.7	116	.80	.095	3	14.1	2.71	99	.061	2	3.06	.012	.03	.2	<.01	8.0	<.1	1.24	9	<.5	1900
JP-10	1.0	277.7	2.7	34	.1	9.6	20.7	567	4.26	8.7	.5	1.0	1.2	150	<.1	.3	.1	117	.97	.088	5	8.3	1.58	352	.178	4	2.08	.067	.08	.2	<.01	4.9	<.1	.26	6	<.5	2300
RE JP-10	1.1	273.4	2.7	35	.1	8.2	19.2	560	4.20	8.9	.5	<.5	1.2	151	.1	.3	.1	112	.96	.082	5	7.9	1.56	380	.175	5	2.02	.068	.08	.2	<.01	4.8	<.1	.22	7	<.5	-
JP-11	2.4	57.1	1.6	25	.1	9.1	22.5	488	3.55	8.7	.3	20.5	.5	62	<.1	.3	.5	78	.72	.072	2	10.7	2.01	92	.141	2	2.19	.030	.06	.4	.01	5.5	<.1	.21	6	<.5	1800
JP-12	.5	1.0	1.3	47	<.1	19.6	23.9	960	4.01	10.8	.3	2.8	.2	59	.2	.9	<.1	148	1.57	.113	1	22.6	2.33	53	.225	2	2.22	.031	.06	.6	.01	11.4	<.1	<.05	6	<.5	1300
STANDARD DS5	12.0	145.2	24.2	133	.3	25.4	12.7	781	2.96	17.5	6.0	42.0	2.7	50	5.4	4.0	5.8	62	.76	.089	13	191.3	.68	138	.107	19	2.13	.034	.15	4.6	.17	3.4	1.0	<.05	7	4.8	-

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: JUL 16 2003 **DATE REPORT MAILED:** July 21/03 **SIGNED BY**......... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Fjord Land Minerals PROJECT Woodjam File # A303437

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: J.W. Morton

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
8-4-1	1	<1	16	7	1.1	3	3	103	3.96	38	<8	<2	<2	303	<.5	<3	<3	115	2.41	.100	1	6	.10	70	.09	<3	3.28	.45	.06	<2	14
8-4-2	1	<1	<3	29	.4	9	18	680	2.98	25	<8	<2	<2	62	<.5	<3	<3	69	1.11	.108	2	10	2.05	120	.12	3	2.40	.02	.06	<2	2
8-4-3	<1	<1	11	136	<.3	3	8	1921	3.10	13	<8	<2	2	43	<.5	4	<3	57	1.66	.076	6	3	.86	106	.01	5	1.52	.04	.12	2	7
8-7-1	<1	<1	4	37	<.3	4	10	703	2.92	17	<8	<2	<2	53	<.5	<3	<3	71	1.22	.085	5	2	1.23	53	.02	10	1.61	.04	.07	<2	12
8-7-2	<1	2	5	49	<.3	13	11	774	2.49	16	<8	<2	<2	77	<.5	<3	<3	65	.90	.085	6	4	1.14	61	.02	7	1.48	.06	.05	<2	5
8-7-4	<1	4	<3	99	<.3	6	15	1701	3.51	13	<8	<2	<2	51	.5	4	<3	60	1.45	.091	4	2	1.46	267	.01	3	2.14	.03	.11	<2	2
8-7-5	<1	<1	<3	60	<.3	8	18	1425	5.01	6	<8	<2	<2	12	<.5	3	<3	39	.43	.090	5	2	1.35	77	.01	3	2.19	.03	.16	<2	5
8-9-1	<1	9	3	58	<.3	7	10	769	1.97	18	<8	<2	<2	25	<.5	<3	<3	45	1.54	.090	9	2	1.07	106	.02	6	1.03	.04	.09	<2	3
STANDARD DS5/AU-R	13	138	27	135	.3	25	12	749	3.04	18	<8	<2	3	50	5.7	4	5	60	.76	.089	11	187	.68	136	.10	16	2.12	.04	.15	5	499

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** GROUP 3B - 50.00 GM SAMPLE ANALYSIS BY FA/ICP.

DATE RECEIVED: AUG 13 2003 DATE REPORT MAILED: Sept 2/03 SIGNED BY C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

- 8 -09- 2002

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Fjordland Exploration Inc. PROJECT Woodjam File # A305792 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Jay W. Page

SAMPLE#	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	Sample gm
SI	<.1	.9	.3	1	<.1	.3	.1	4	.02	<.5	<.1	.5	<.1	2	<.1	<.1	<.1	<1	.09	<.001	<1	<1	.01	3	.001	6	.02	.439	<.01	.1	<.01	.1	<.1	<.05	<1	<.5	-
B 160614	1.3	226.8	9.5	85	.5	9.2	48.4	1311	4.76	13.4	.3	17.5	1.5	59	.1	1.3	.5	117	2.89	.079	7	7.1	2.08	15	.012	6	2.54	.027	.09	.1	.02	8.8	<.1	.64	8	<.5	8500
B 160615	1.1	28.8	1.2	52	<.1	10.9	39.4	978	4.45	6.7	.3	5.7	1.1	56	<.1	.5	.2	101	1.20	.078	5	7.5	2.15	23	.032	4	2.59	.051	.05	.1	<.01	6.1	<.1	.75	8	.5	7500
B 160616	1.1	439.6	1.4	59	.2	10.9	41.8	1046	4.56	6.5	.3	11.7	1.3	60	<.1	.6	.3	106	1.25	.081	5	7.5	2.34	9	.031	5	2.79	.053	.05	<.1	<.01	8.0	<.1	.59	9	1.0	8400
B 160617	1.5	241.3	11.6	74	.5	10.0	35.9	1256	4.94	13.4	.3	38.0	1.3	62	.1	.8	.5	115	2.26	.083	7	8.8	2.26	37	.017	5	2.84	.028	.10	.1	.09	7.8	.1	1.21	9	.6	3700
B 160618	2.3	161.1	48.4	47	1.5	7.2	35.6	1587	4.16	29.7	.5	34.7	1.3	96	.2	.8	.6	88	6.08	.074	13	5.0	.86	42	.004	6	1.40	.016	.11	.1	.03	8.2	<.1	2.68	4	.8	7100
B 160619	1.0	44.3	2.0	54	.1	10.3	29.6	1068	4.68	6.8	.3	5.6	1.2	62	<.1	.4	.1	115	1.36	.076	5	8.3	2.27	87	.037	4	2.63	.048	.03	<.1	.02	7.3	<.1	1.00	8	<.5	8500
B 160620	.8	93.7	2.0	54	.1	10.9	25.1	1041	4.20	6.9	.3	5.7	1.4	66	<.1	.3	.1	103	1.38	.081	7	7.3	2.22	108	.028	5	2.59	.029	.03	.1	.01	6.5	<.1	.47	9	<.5	7900
B 160621	1.3	173.7	1.4	48	.1	10.6	32.2	1020	4.48	4.8	.4	5.7	1.1	59	<.1	.4	.2	100	1.25	.080	4	8.5	2.25	78	.038	3	2.52	.039	.03	.1	<.01	6.5	<.1	1.20	8	.7	8200
B 160622	.8	67.2	4.8	72	<.1	10.9	18.3	1111	3.90	5.8	.3	<.5	1.1	72	.1	.6	<.1	99	1.40	.081	4	7.6	2.17	59	.031	5	2.55	.043	.04	.1	<.01	5.9	<.1	.11	8	<.5	7600
B 160623	.8	369.9	2.5	60	.1	9.1	22.9	1051	3.88	4.7	.3	4.0	1.1	71	.1	.5	.1	95	1.38	.082	4	6.8	2.19	15	.022	4	2.63	.040	.02	<.1	<.01	6.3	<.1	.08	8	.6	7400
B 160624	.3	17.6	1.4	62	<.1	10.7	21.3	1125	4.03	4.7	.3	.7	1.2	78	<.1	.3	<.1	103	1.19	.088	4	8.7	2.26	25	.022	6	2.68	.040	.01	<.1	<.01	5.8	<.1	<.05	8	<.5	7800
B 160625	.7	44.4	1.7	69	<.1	10.5	15.7	1256	4.00	5.5	.3	.8	1.4	92	<.1	.4	<.1	107	1.40	.081	6	8.3	2.21	109	.015	6	2.62	.038	.02	<.1	<.01	6.9	<.1	<.05	8	<.5	7500
B 160626	.7	55.6	3.4	75	<.1	11.2	17.2	1250	3.97	7.6	.2	1.6	1.5	81	<.1	.4	<.1	111	1.13	.085	5	8.3	2.32	56	.018	4	2.65	.036	.03	<.1	<.01	6.4	<.1	.08	8	<.5	7500
B 160627	.6	86.5	2.3	70	.1	10.7	25.2	1232	4.27	7.5	.3	6.0	1.1	67	<.1	.6	.2	113	1.43	.085	5	8.2	2.21	47	.019	4	2.58	.033	.04	<.1	.01	7.4	<.1	.84	9	.5	6700
B 160628	1.4	635.0	4.1	69	.6	9.6	57.3	1239	5.77	13.0	.3	27.1	1.0	70	.1	.8	1.2	123	2.52	.075	4	8.7	1.97	45	.019	7	2.66	.031	.13	.1	.07	8.5	<.1	2.87	8	1.1	7300
B 160629	.6	45.0	5.5	91	.1	10.8	16.2	1314	4.16	7.8	.3	1.9	1.3	78	.2	.8	.1	118	1.79	.084	6	8.1	2.27	87	.034	6	2.72	.030	.04	<.1	.09	7.5	<.1	.34	9	<.5	7700
B 160630	.6	75.6	3.1	78	<.1	10.5	18.5	1278	4.10	6.4	.3	.8	1.6	86	.1	.6	<.1	110	1.78	.083	7	7.5	2.28	146	.018	7	2.65	.036	.03	<.1	<.01	7.8	<.1	<.05	9	<.5	7800
B 160631	.5	41.8	1.9	71	<.1	11.1	16.1	1118	4.05	5.0	.3	1.7	1.4	72	<.1	.3	<.1	107	1.27	.085	5	7.9	2.28	121	.022	5	2.63	.042	.02	<.1	<.01	6.6	<.1	<.05	8	<.5	7500
B 160632	.8	35.0	3.5	68	<.1	10.3	17.9	1098	3.93	5.6	.3	<.5	1.4	82	<.1	.5	<.1	105	1.46	.078	6	7.4	2.11	138	.020	8	2.51	.039	.03	.1	<.01	7.3	<.1	<.05	8	<.5	8200
RE B 160632	.8	37.0	2.8	74	<.1	11.0	19.5	1157	4.15	5.9	.2	.5	1.4	84	<.1	.5	<.1	112	1.58	.084	6	8.1	2.21	137	.024	7	2.67	.041	.03	<.1	<.01	7.5	<.1	<.05	8	<.5	-
RRE B 160632	.8	39.1	2.8	72	<.1	10.8	19.4	1181	4.19	5.8	.3	.9	1.5	89	.1	.5	<.1	112	1.57	.085	6	8.7	2.27	143	.022	7	2.68	.047	.03	.1	<.01	7.9	<.1	<.05	8	<.5	-
B 160633	.7	125.7	2.3	67	.1	10.6	19.5	1039	3.91	5.2	.2	1.5	1.3	65	<.1	.6	.1	94	1.44	.081	6	6.2	2.14	117	.016	6	2.48	.042	.03	.1	<.01	6.2	<.1	.26	8	<.5	6700
B 160634	.8	80.7	5.2	75	.1	9.7	22.7	1241	4.41	6.9	.3	4.8	1.4	104	.1	.7	.2	111	2.04	.086	6	7.2	2.20	161	.014	5	2.66	.030	.03	<.1	.02	7.4	<.1	.46	8	<.5	7500
B 160635	.5	33.0	9.8	74	<.1	10.4	20.7	1250	4.40	11.8	.4	2.7	1.6	110	.1	1.2	.1	129	2.73	.086	6	7.0	2.08	419	.022	10	2.79	.032	.06	<.1	.01	9.9	<.1	.10	9	<.5	7300
B 160636	.7	57.0	37.1	84	.1	9.0	15.5	1916	4.63	16.3	.5	2.1	1.6	140	.5	3.3	.1	139	4.52	.082	8	7.9	1.77	883	.018	15	2.55	.032	.13	.1	<.01	10.7	.1	.21	8	<.5	7600
B 160637	.4	16.8	10.9	76	<.1	8.8	15.2	1390	4.30	8.7	.4	1.4	1.5	106	<.1	1.8	.1	120	2.88	.082	6	5.8	2.02	225	.027	11	2.67	.033	.11	.1	<.01	8.6	.1	.09	8	<.5	7800
B 160638	.7	127.1	5.8	64	.1	9.1	26.5	1272	4.39	10.3	.3	6.0	1.5	94	.1	.9	.1	113	2.37	.093	6	5.6	2.12	140	.023	9	2.66	.043	.05	.1	.01	8.0	<.1	.41	9	<.5	7200
B 160639	.7	54.5	6.0	64	.1	8.0	22.9	1192	4.11	7.2	.4	2.8	1.5	87	<.1	1.0	.1	101	1.97	.086	6	4.6	2.01	14	.024	7	2.57	.034	.06	<.1	<.01	7.5	<.1	.31	8	<.5	7500
B 160640	1.6	372.2	3.6	62	.1	9.3	47.5	1246	4.75	14.6	.3	6.6	1.5	89	.1	.9	.3	113	2.21	.083	6	6.5	1.97	9	.028	7	2.72	.048	.07	.1	<.01	8.5	<.1	.71	8	.5	7500
B 160641	.9	49.5	9.2	71	.3	10.5	26.4	1246	4.37	7.1	.3	9.3	1.5	80	<.1	1.2	.1	107	2.34	.085	6	6.3	2.10	69	.028	6	2.56	.036	.11	<.1	<.01	7.4	<.1	.47	8	<.5	7600
B 160642	.9	72.9	13.2	90	.1	9.9	21.7	1136	4.44	12.2	.4	5.4	1.7	107	.1	1.9	.1	115	1.53	.085	8	6.0	2.12	649	.013	9	2.65	.027	.14	<.1	<.01	8.3	.1	.22	9	<.5	5800
B 160643	.7	32.6	6.0	85	<.1	10.8	27.0	1170	4.33	9.8	.3	3.5	1.6	94	<.1	1.0	.1	110	1.57	.088	7	7.1	2.22	326	.015	8	2.73	.041	.05	<.1	.01	7.6	<.1	.27	9	<.5	7700
B 160644	.9	65.4	4.0	72	.1	9.6	27.4	1183	4.38	10.0	.3	4.4	1.5	79	<.1	.9	.2	108	1.64	.088	5	6.6	2.26	81	.017	6	2.73	.048	.04	.1	.02	7.7	<.1	.35	8	<.5	7300
B 160645	1.0	38.1	5.0	71	.2	9.9	28.6	1285	4.75	11.9	.3	6.2	1.5	79	<.1	1.5	.2	118	2.43	.083	6	6.4	2.19	47	.015	7	2.69	.026	.06	<.1	<.01	8.2	<.1	.49	9	<.5	7400
STANDARD DS5	12.3	138.2	25.4	134	.3	23.2	11.6	742	2.92	18.1	5.8	43.6	2.6	49	5.3	3.5	5.9	58	.71	.085	12	179.5	.65	140	.094	17	2.10	.035	.14	4.6	.16	3.5	1.0	<.05	6	5.1	-

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 21 2003 **DATE REPORT MAILED:** Dec 4/03 **SIGNED BY** C.L.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data FA

ACME ANALYTICAL

SAMPLE#	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	Sample gm
B 160646	.9	6.9	6.1	54	.1	9.4	29.3	1040	4.16	8.1	.3	8.9	1.3	70	<.1	1.2	.3	95	1.66	.082	5	6.1	2.03	94	.025	9	2.42	.039	.07	<.1	.01	6.7	<.1	.54	7	<.5	7200
B 160647	1.1	848.9	284.0	359	19.1	2.0	6.5	4368	1.93	300.1	.7	19.8	1.2	54	5.9	138.1	.9	43	3.26	.076	3	3.7	.48	248	.002	8	.50	.008	.21	.2	.78	4.6	.1	.26	1	.7	7200
B 160648	.6	95.0	96.2	317	1.5	3.1	6.9	6980	2.33	22.4	.4	3.2	1.4	54	1.4	10.6	.2	49	3.93	.100	3	2.4	.68	485	.001	8	.60	.008	.24	.1	.07	8.1	.1	.10	2	<.5	7500
B 160649	.5	183.8	63.2	151	3.3	1.0	4.6	2056	1.76	27.5	.3	7.0	1.4	46	1.0	13.2	.7	44	2.61	.096	3	2.6	.46	598	.002	10	.55	.008	.27	.2	.14	5.1	.1	.19	1	<.5	7000
B 160650	.6	42.9	60.0	278	1.6	2.2	6.2	2892	2.21	11.5	.2	5.9	1.5	76	.8	5.1	.3	53	3.31	.096	3	2.5	.63	951	.001	12	.61	.011	.24	.1	.04	7.1	.1	.12	1	<.5	7500
B 160651	.8	152.9	52.8	158	5.7	2.2	4.6	1831	2.21	34.5	.5	4.3	1.5	76	.8	8.3	.5	51	4.10	.081	5	3.3	.87	1176	.004	12	.54	.019	.24	.2	.11	5.1	.1	.13	2	<.5	7400
B 160652	1.6	16.1	42.1	91	.5	1.8	3.3	1217	2.22	17.9	.4	.9	1.9	84	.7	6.5	.6	85	4.75	.082	7	3.6	.43	666	.005	19	.80	.022	.34	.1	.02	7.3	.2	.09	2	<.5	6800
B 160653	2.0	3.8	40.4	140	.1	3.8	5.2	1553	2.35	11.4	.3	1.8	2.0	96	.5	3.4	.2	89	5.65	.115	8	4.6	.52	136	.003	17	.93	.032	.22	<.1	.01	11.1	.1	<.05	2	<.5	5600
B 160654	1.1	2.4	38.2	200	.1	2.9	4.1	5588	2.91	11.8	.3	.5	1.2	147	.8	6.1	.1	66	7.17	.076	10	2.6	.93	1820	.004	13	.50	.024	.22	.4	<.01	6.0	.1	.11	1	<.5	8200
B 160655	1.2	.8	31.0	106	<.1	2.6	3.0	1808	2.30	19.7	.2	1.2	2.2	126	.3	9.7	.3	99	4.46	.096	6	4.7	.47	2092	.005	18	.96	.034	.18	.1	<.01	10.1	.1	.07	2	<.5	7000
B 160656	1.7	4.7	32.1	110	<.1	2.0	3.0	2037	1.83	10.1	.2	.9	1.7	83	.5	4.2	.2	50	4.93	.095	5	2.5	.46	1039	.004	17	.67	.021	.24	.1	<.01	6.6	.1	.06	2	<.5	7200
B 160657	1.7	4.9	36.4	107	<.1	1.0	2.5	1989	1.84	10.8	.3	.8	1.5	126	.4	5.4	.2	31	4.20	.082	4	2.0	.37	2250	.005	31	.49	.019	.26	.2	<.01	4.1	.1	.06	1	<.5	8000
B 160658	1.1	1.4	17.5	119	<.1	1.0	2.6	2005	1.50	6.7	.2	1.1	1.6	39	.4	2.3	.1	24	2.62	.090	3	2.9	.32	68	.003	20	.44	.017	.29	.3	<.01	3.2	.1	<.05	1	<.5	6500
RE B 160658	1.1	1.3	18.4	121	<.1	.6	2.3	2010	1.50	6.7	.2	2.3	1.7	41	.5	2.4	.1	24	2.62	.090	3	2.4	.32	69	.003	18	.43	.017	.33	.3	<.01	3.5	.1	.06	1	<.5	-
RRE B 160658	1.2	1.2	18.4	126	.1	.9	2.7	2109	1.55	6.9	.2	2.8	1.7	42	.4	2.9	.1	25	2.69	.098	3	2.5	.33	92	.003	28	.46	.019	.31	.2	<.01	3.4	.1	<.05	1	<.5	-
B 160659	10.8	49.4	37.4	134	.5	2.6	4.7	1370	1.52	13.2	.6	10.2	2.2	83	.8	1.7	.4	50	4.18	.112	3	3.3	.67	36	.002	15	.79	.067	.17	.1	.02	8.5	.1	.11	2	<.5	6600
B 160660	5.9	35.3	14.6	79	<.1	4.8	3.8	657	1.40	16.7	.5	1.9	2.1	115	.2	1.6	.1	73	3.68	.104	4	5.2	.74	139	.078	18	.94	.118	.06	<.1	.01	11.0	<.1	<.05	3	<.5	7200
B 160661	13.4	30.5	12.8	74	.1	3.4	3.1	585	1.45	12.0	.4	2.1	1.7	89	.1	1.3	.1	76	3.37	.098	3	5.8	.77	165	.054	12	.89	.097	.06	.1	.01	9.1	<.1	.06	3	<.5	7300
B 160662	8.7	15.0	7.6	64	<.1	4.0	4.5	989	2.75	5.4	.7	1.5	2.2	61	.2	.5	.1	47	4.12	.104	3	3.2	.36	46	.012	37	.48	.048	.21	.1	<.01	8.5	.1	<.05	1	<.5	7800
B 160663	2.2	826.3	9.1	63	.3	2.9	4.0	1001	2.06	28.5	.8	6.6	2.1	88	.3	1.4	.1	45	4.56	.101	5	4.2	.84	191	.005	27	.62	.077	.27	.1	.02	6.7	.1	.23	2	.7	6200
B 160664	.5	261.1	3.2	22	.1	6.9	8.0	456	2.36	11.9	1.7	1.6	2.0	111	.1	.5	.1	75	2.74	.103	5	6.9	.83	57	.029	20	1.09	.173	.05	<.1	.01	10.6	<.1	1.24	4	1.9	8000
B 160665	.3	293.1	2.3	17	.2	9.0	12.8	301	2.59	17.1	.6	2.3	1.8	101	<.1	.4	.1	62	2.15	.103	3	5.9	.66	48	.072	10	.97	.172	.04	.2	<.01	9.3	<.1	1.72	3	2.6	7300
B 160666	.2	9.3	2.2	18	<.1	3.1	2.5	467	1.19	7.0	.3	.6	1.8	114	<.1	.4	.1	68	3.10	.093	3	4.8	.69	71	.084	11	1.05	.172	.03	<.1	<.01	10.3	<.1	<.05	3	<.5	6800
B 160667	.2	6.3	1.7	18	<.1	1.9	2.0	365	1.04	6.1	.3	1.0	1.6	99	<.1	.5	<.1	57	2.38	.104	3	4.2	.56	64	.102	9	.93	.146	.03	.1	<.01	7.1	<.1	<.05	3	<.5	6600
B 160668	.4	3.3	2.1	25	<.1	2.4	3.3	437	1.15	6.9	.9	.5	2.0	90	<.1	.4	<.1	70	2.50	.110	4	6.6	.92	104	.084	11	1.26	.135	.03	<.1	<.01	8.2	<.1	<.05	4	<.5	6600
B 160669	.5	3.1	3.1	31	<.1	2.1	4.5	451	1.38	8.3	1.5	.7	2.2	86	<.1	.4	<.1	63	2.64	.109	4	6.9	1.08	124	.060	14	1.38	.132	.03	.1	<.01	7.9	<.1	<.05	4	<.5	7000
B 160670	1.0	3.1	2.2	25	<.1	4.1	4.9	449	1.41	6.9	.8	1.0	2.0	74	<.1	.4	<.1	67	2.37	.108	4	6.0	1.08	77	.058	11	1.32	.099	.02	<.1	.01	6.2	<.1	<.05	4	<.5	6000
B 160671	1.8	186.6	1.5	16	.2	3.8	10.9	266	1.55	7.4	.4	4.2	1.9	82	<.1	.4	.1	74	1.57	.105	2	5.2	.73	115	.117	6	1.07	.161	.02	.1	<.01	5.6	<.1	.54	3	1.1	6300
B 160672	.9	290.5	1.8	17	.2	4.5	5.2	254	1.64	7.8	.4	.7	2.0	103	<.1	.4	<.1	85	1.45	.102	3	5.6	.66	64	.124	8	1.10	.213	.03	<.1	<.01	6.3	<.1	.09	3	.8	6400
B 160673	1.1	226.1	1.5	15	.1	4.9	5.2	245	1.50	7.7	.4	4.1	1.9	92	<.1	.2	<.1	82	1.51	.103	3	5.5	.65	81	.116	5	1.11	.211	.02	.1	.02	6.5	<.1	.16	3	.8	6400
B 160674	1.4	619.2	1.8	14	.2	6.3	11.1	176	1.92	13.5	.7	5.1	2.4	107	<.1	.3	.1	89	1.15	.104	4	7.3	.78	87	.102	9	1.30	.237	.06	<.1	<.01	6.7	<.1	.65	4	1.7	6000
B 160675	.5	41.9	1.5	14	<.1	4.7	3.0	316	2.28	14.9	.4	1.3	2.0	282	.1	.4	<.1	98	2.32	.097	6	8.1	.44	70	.105	10	1.06	.201	.03	.1	<.01	6.4	<.1	.06	3	<.5	6400
B 160676	.2	100.2	1.4	11	<.1	4.1	3.2	184	2.11	11.6	.5	2.5	2.1	182	<.1	.3	<.1	93	1.46	.113	4	6.6	.50	95	.105	8	1.22	.257	.04	.1	<.01	5.2	<.1	.07	3	<.5	6800
B 160677	.2	2.6	1.1	15	<.1	4.9	4.1	231	2.29	8.6	.4	1.9	1.9	161	<.1	.2	<.1	84	1.24	.089	4	6.9	.64	69	.092	7	1.28	.230	.04	.1	<.01	4.0	<.1	<.05	4	<.5	7000
STANDARD DS5	12.4	144.6	25.2	133	.3	24.8	12.3	783	3.01	19.7	6.1	41.0	2.7	50	5.7	3.7	6.4	59	.72	.098	13	186.9	.68	146	.092	16	2.14	.034	.14	5.1	.16	3.5	1.1	<.05	7	5.1	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Fjordland Exploration Inc. PROJECT Woodjam File # A305791 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Jay W. Page

SAMPLE#	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	Sample gm
SI	.1	1.7	.5	1	<.1	.3	<.1	5	.02	.8	<.1	<.5	<.1	2	<.1	<.1	<.1	<1	.08	<.001	<1	<1	<.01	2	.006	<1	.01	.347	<.01	.2	<.01	<.1	<.1	.10	<1	<.5	-
B 160551	1.5	268.0	6.1	77	.3	12.4	35.8	1083	5.51	8.1	.4	18.4	1.0	38	.1	.6	.5	120	1.39	.098	3	10.4	2.38	35	.042	4	2.67	.031	.08	.2	<.01	8.7	<.1	1.61	10	.7	6800
B 160552	.7	36.8	2.6	63	<.1	13.0	24.4	1081	4.70	3.6	.2	3.3	.8	42	<.1	.2	.1	121	1.99	.088	3	10.8	2.13	204	.061	3	2.43	.031	.05	.2	<.01	8.2	<.1	.41	9	.9	7800
B 160553	.4	3.4	2.8	62	<.1	12.7	20.7	1052	4.64	3.9	.5	1.2	.9	43	<.1	.3	.1	120	1.79	.091	3	10.4	2.10	100	.057	6	2.37	.023	.03	.1	<.01	8.6	<.1	<.05	9	<.5	7400
B 160554	.4	2.7	1.6	56	<.1	12.2	22.4	1060	4.71	2.8	.3	<.5	.9	42	.1	.1	<.1	123	1.88	.089	4	10.6	2.20	96	.079	4	2.40	.029	.03	.1	<.01	8.6	<.1	<.05	9	<.5	8700
B 160555	.3	2.5	1.5	60	<.1	12.1	24.4	1044	4.57	2.9	.4	2.2	.9	47	<.1	.1	<.1	113	1.75	.090	4	10.1	2.19	76	.063	4	2.45	.028	.03	<.1	<.01	8.2	<.1	<.05	9	<.5	8500
B 160556	.3	2.4	1.4	58	<.1	11.8	22.8	1039	4.47	3.1	.2	9.3	.9	49	<.1	.1	<.1	107	1.76	.087	4	10.2	2.19	63	.059	4	2.50	.031	.04	<.1	<.01	8.2	<.1	<.05	9	<.5	7700
B 160557	.5	104.9	2.3	59	.1	12.3	24.0	1078	4.66	3.1	.3	6.6	.9	49	.1	.2	<.1	110	2.08	.094	5	10.4	2.26	110	.053	4	2.62	.028	.05	.1	.02	9.0	<.1	.15	10	<.5	8100
B 160558	.5	515.7	2.1	61	.1	11.7	23.1	1050	4.33	2.3	.3	2.7	.9	47	<.1	.2	.1	101	2.13	.088	4	8.7	2.05	79	.053	3	2.48	.026	.10	.1	<.01	8.7	<.1	.29	8	1.1	8200
B 160559	.9	63.4	3.6	75	<.1	11.5	21.7	1030	4.83	2.8	.2	3.7	.8	50	<.1	.1	<.1	121	2.03	.094	4	10.0	2.36	72	.076	3	2.61	.034	.04	.1	.01	8.9	<.1	.27	10	.5	7800
B 160560	.7	70.2	3.5	56	<.1	12.0	24.4	1001	4.91	2.2	.2	1.4	.8	44	.1	<.1	<.1	125	2.19	.091	3	11.4	2.11	80	.099	5	2.44	.032	.05	.2	<.01	9.0	<.1	.33	9	.6	8500
B 160561	.7	60.4	2.1	57	<.1	12.3	26.3	1010	5.13	2.2	.3	<.5	.9	45	<.1	<.1	<.1	127	2.22	.093	4	11.4	2.23	91	.099	2	2.49	.032	.05	.1	<.01	8.9	<.1	.84	9	1.3	9000
B 160562	.7	52.0	1.9	59	<.1	12.9	26.1	963	4.83	3.2	.3	2.8	.9	46	.1	.1	<.1	120	1.94	.091	4	10.9	2.19	180	.088	5	2.43	.036	.04	.1	.01	9.1	<.1	.70	9	.7	8200
B 160563	.7	41.3	1.4	54	<.1	12.6	28.0	1043	4.97	3.0	.2	1.7	1.0	50	<.1	.3	.1	123	1.90	.091	4	10.3	2.27	42	.058	3	2.58	.030	.04	.1	.01	9.3	<.1	.23	9	<.5	7700
B 160564	.9	137.0	.9	51	.1	13.0	59.6	1001	4.97	4.5	.2	6.9	1.0	55	.1	.4	.3	109	1.35	.089	4	9.9	2.25	81	.029	4	2.62	.023	.05	.1	.01	9.3	<.1	.95	9	1.4	8400
B 160565	.8	121.1	1.0	53	.1	12.4	28.2	1092	4.70	4.7	.2	9.1	1.0	54	<.1	.2	.1	106	1.83	.092	4	8.7	2.37	154	.027	3	2.56	.023	.07	<.1	<.01	9.4	<.1	.98	9	1.5	7600
B 160566	.6	66.7	1.2	58	.1	13.3	34.4	1043	5.38	5.1	.3	10.8	1.1	55	.1	.4	.2	123	1.68	.090	5	11.3	2.35	49	.022	3	2.55	.026	.05	<.1	<.01	10.5	<.1	1.95	9	3.9	8300
B 160567	1.1	456.1	2.7	54	.3	11.2	32.7	1091	5.24	11.6	.8	11.4	1.1	60	.1	.4	.3	124	3.39	.084	6	9.7	1.99	65	.015	4	2.31	.024	.06	<.1	<.01	11.2	<.1	2.46	8	2.1	8000
B 160568	.4	71.5	.7	57	<.1	11.8	21.9	1159	4.91	4.1	.2	3.6	1.1	57	<.1	.2	<.1	127	2.05	.091	5	10.5	2.47	81	.012	4	2.59	.028	.04	.1	<.01	10.9	<.1	.10	9	<.5	8000
B 160569	.4	69.9	1.0	54	.1	13.1	24.8	1162	4.97	5.7	.2	5.6	1.2	57	<.1	.2	<.1	130	2.11	.087	5	11.2	2.30	54	.027	3	2.55	.030	.03	<.1	<.01	10.7	<.1	.16	9	<.5	8000
B 160570	.5	177.3	.6	53	.1	12.3	28.4	1249	4.97	6.2	.2	7.8	1.2	66	<.1	.3	<.1	127	2.29	.090	5	10.6	2.52	63	.015	5	2.68	.032	.04	<.1	<.01	11.4	<.1	.27	10	<.5	7100
RE B 160570	.7	182.0	.8	57	.1	13.0	28.9	1285	5.08	6.4	.2	9.9	1.1	68	<.1	.3	<.1	130	2.35	.093	5	11.3	2.54	66	.015	4	2.73	.032	.04	<.1	<.01	11.6	<.1	.27	10	<.5	-
RRE B 160570	.6	168.6	.9	55	.1	11.9	27.8	1229	4.91	6.2	.3	9.3	1.1	69	<.1	.3	<.1	127	2.30	.088	5	10.4	2.35	67	.013	4	2.67	.031	.04	<.1	<.01	11.5	<.1	.25	10	<.5	-
B 160571	.6	52.6	.9	57	<.1	13.1	28.0	1280	4.85	5.0	.2	.6	1.2	67	<.1	.2	<.1	125	2.39	.085	6	10.4	2.37	139	.013	5	2.62	.025	.04	<.1	<.01	11.5	<.1	<.05	10	<.5	7600
B 160572	.6	124.2	.9	57	.1	13.0	30.4	1223	4.65	8.0	.2	11.7	1.3	77	<.1	.4	.1	118	1.96	.088	6	9.0	2.55	178	.006	4	2.74	.025	.04	<.1	.01	11.8	<.1	.27	10	<.5	8300
B 160573	.5	40.1	.9	52	<.1	12.0	23.9	1251	5.02	16.0	.2	2.0	1.4	88	<.1	.8	.1	129	2.46	.089	7	8.2	2.43	334	.005	6	2.82	.024	.03	<.1	<.01	14.4	<.1	.08	9	<.5	7600
B 160574	.7	195.7	1.0	61	.1	13.8	41.1	1316	5.53	13.1	.2	2.7	1.4	73	<.1	1.4	.2	133	2.28	.094	7	8.4	2.57	34	.005	6	2.98	.027	.04	<.1	<.01	15.0	<.1	.35	11	<.5	4000
B 160575	1.2	29.7	1.8	64	.2	10.8	49.5	1429	5.80	16.4	.3	11.4	1.4	101	<.1	1.0	.3	134	2.62	.082	6	8.4	2.20	38	.022	6	2.92	.023	.05	<.1	<.01	14.0	<.1	1.21	9	.6	6500
B 160576	1.7	738.3	3.1	79	2.9	13.1	154.4	1649	7.74	20.8	.4	81.1	1.5	79	.3	1.4	5.8	114	3.52	.088	7	8.3	2.05	50	.013	4	2.84	.013	.16	.1	<.01	11.2	.1	4.31	8	2.3	4800
B 160577	1.0	387.6	1.1	71	.5	10.3	56.3	1535	6.06	10.7	.2	14.4	1.2	66	<.1	1.2	.4	117	2.51	.091	6	7.9	2.46	65	.009	4	3.01	.017	.11	.1	<.01	11.6	<.1	1.02	10	.7	5400
B 160578	.7	101.1	2.3	68	.1	11.6	28.2	1368	5.23	5.9	.2	5.7	1.0	65	<.1	.5	.1	116	2.05	.089	5	8.2	2.10	196	.012	3	2.61	.025	.07	<.1	<.01	9.9	<.1	.39	9	<.5	6400
B 160579	.8	208.7	1.3	65	.2	14.1	37.0	1453	5.89	9.2	.2	9.7	1.3	71	<.1	.9	.3	131	2.40	.094	6	9.6	2.53	217	.008	4	2.90	.022	.08	<.1	.01	12.4	<.1	.79	9	.7	7700
B 160580	4.7	1472.5	1.7	50	1.0	6.4	64.1	1696	7.47	41.6	.3	38.4	.8	71	<.1	2.1	1.0	86	4.01	.047	9	3.6	1.65	73	.010	4	2.58	.008	.13	.1	<.01	7.7	<.1	2.15	7	2.2	8000
B 160581	.8	65.3	.8	64	.1	9.6	33.2	1336	5.31	7.6	.2	3.2	1.1	71	<.1	.8	.2	120	1.97	.090	6	7.9	2.36	261	.013	2	2.82	.021	.07	.1	<.01	10.5	<.1	.42	10	.5	6100
B 160582	.6	105.4	.7	63	.2	13.0	32.7	1376	6.05	4.0	.3	5.7	.9	64	<.1	.2	.1	149	2.09	.093	5	10.8	2.07	214	.019	3	2.52	.024	.07	<.1	.01	10.0	<.1	.56	9	1.0	7300
STANDARD DS5	12.4	140.6	23.7	132	.3	24.3	12.0	769	2.98	18.7	6.2	44.5	2.7	46	5.6	3.8	6.0	60	.73	.094	12	189.3	.67	140	.098	16	2.14	.032	.14	5.2	.16	3.3	1.0	<.05	6	5.1	-

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 21 2003 **DATE REPORT MAILED:** Dec 4/03 **SIGNED BY** .... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

Fjordland Exploration Inc. PROJECT Woodjam FILE # A305791

ACME ANALYTICAL

SAMPLE#	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	Sample gm
B 160583	.5	158.8	1.0	57	.2	10.5	45.3	1436	6.39	8.5	.2	16.2	1.0	63	<.1	.8	.4	130	2.06	.082	6	8.7	2.25	128	.019	5	2.88	.016	.10	.1	.01	9.7	<.1	.90	9	<.5	8100
B 160584	.5	133.2	.7	63	.1	11.3	30.5	1512	6.27	3.8	.2	5.0	.9	61	<.1	.3	.1	167	2.61	.086	5	11.7	2.21	266	.042	4	2.60	.031	.09	<.1	.01	9.9	<.1	.34	10	<.5	7900
B 160585	1.0	84.2	.8	59	.1	11.8	35.0	1475	6.31	3.0	.2	4.8	.8	60	<.1	.2	.2	165	2.69	.086	4	11.3	2.16	261	.049	4	2.47	.030	.08	.1	<.01	8.6	<.1	.30	10	<.5	8100
B 160586	.4	83.2	.5	58	<.1	11.8	21.0	1464	5.93	3.5	.2	2.7	.8	65	<.1	.3	.1	164	2.92	.088	4	11.6	2.18	269	.031	3	2.52	.035	.07	.1	<.01	9.3	<.1	<.05	10	<.5	7000
B 160587	.7	287.0	.5	64	.1	11.6	28.3	1479	5.72	3.3	.2	31.8	.9	62	<.1	.1	<.1	167	2.71	.089	5	11.6	2.23	87	.034	4	2.53	.033	.06	<.1	.01	9.6	<.1	.25	10	<.5	7700
B 160588	.5	58.5	.6	60	<.1	11.9	22.3	1402	5.81	3.3	.2	7.9	1.0	63	<.1	.2	<.1	167	2.43	.083	4	11.1	2.19	126	.024	4	2.53	.030	.05	<.1	<.01	9.1	<.1	<.05	11	<.5	7200
B 160589	.6	24.6	.7	70	<.1	11.3	24.7	1464	5.86	2.8	.3	4.6	.8	59	.1	.1	<.1	178	2.78	.081	4	12.4	2.14	73	.085	4	2.43	.047	.05	.1	<.01	9.2	<.1	.08	10	<.5	8000
B 160590	.7	77.5	.8	63	.1	12.9	30.3	1400	5.86	2.5	.2	5.5	.8	55	.1	.1	.1	168	3.02	.085	4	11.8	2.13	68	.063	3	2.39	.039	.07	<.1	<.01	8.8	<.1	.63	9	<.5	7700
B 160591	.7	45.3	1.1	61	<.1	10.3	22.8	1396	5.50	2.2	.2	3.3	.7	59	<.1	.1	<.1	155	3.04	.084	4	10.0	2.14	70	.069	3	2.36	.042	.07	.1	.03	8.7	<.1	.27	10	<.5	8000
B 160592	.5	43.5	1.0	61	.1	10.3	26.3	1394	5.57	2.4	.2	4.7	.8	60	<.1	.1	<.1	142	3.03	.089	4	9.3	2.14	84	.050	4	2.42	.045	.08	<.1	.01	8.5	<.1	.57	10	.5	8200
B 160593	.7	33.2	.6	70	<.1	10.2	25.2	1441	5.62	3.4	.3	4.3	.7	72	<.1	.2	.1	147	3.20	.086	6	10.0	2.10	103	.031	5	2.36	.039	.08	<.1	<.01	8.6	<.1	.41	9	.5	7500
B 160594	.6	33.9	1.1	74	<.1	10.7	25.7	1523	5.63	2.2	.2	3.1	1.0	68	.1	<.1	<.1	148	3.50	.088	6	10.2	2.03	97	.021	4	2.34	.041	.09	<.1	.01	8.7	<.1	.21	9	<.5	9000
RE B 160594	.7	35.6	.8	77	<.1	11.8	26.1	1570	5.78	2.2	.3	3.0	.9	72	.1	.1	<.1	152	3.59	.088	6	10.4	2.14	104	.015	4	2.40	.042	.09	<.1	.01	8.7	<.1	.22	10	<.5	-
RRE B 160594	.7	35.6	.6	78	<.1	11.4	27.5	1526	5.64	2.0	.2	1.4	1.0	70	.1	.1	<.1	150	3.55	.088	7	10.0	2.09	119	.022	4	2.38	.047	.10	.1	.01	8.8	<.1	.23	9	<.5	-
B 160595	.6	45.2	.8	71	<.1	11.3	26.7	1522	5.82	3.2	.3	2.6	.9	68	<.1	.1	<.1	180	3.50	.086	6	11.6	2.02	89	.056	7	2.37	.038	.09	.1	.01	9.1	<.1	.27	9	.5	9800
B 160596	.8	101.8	2.3	54	.1	10.1	29.8	1213	4.50	4.5	.3	2.0	.8	61	<.1	1.2	.1	104	1.64	.086	3	8.2	2.52	15	.032	4	2.76	.024	.04	<.1	.02	5.7	<.1	.27	8	<.5	6300
B 160597	8.2	71.9	2.2	53	.2	11.0	48.5	1306	5.06	15.6	.2	15.0	.6	45	<.1	.7	.5	97	1.60	.081	3	7.8	2.51	84	.016	2	2.76	.017	.08	<.1	.02	5.5	<.1	.87	8	.9	7500
B 160598	1.2	66.0	2.0	53	.2	11.7	33.5	1274	4.68	4.9	.2	8.7	.5	45	<.1	.6	.3	90	1.41	.081	2	7.9	2.53	35	.063	4	2.75	.014	.10	<.1	.01	4.7	<.1	.67	7	<.5	8300
B 160599	1.8	60.0	1.3	51	.1	12.5	33.8	1353	5.03	4.3	.3	6.5	.6	48	<.1	.6	.3	97	1.39	.081	3	8.3	2.74	25	.073	4	3.15	.018	.09	<.1	.01	5.3	<.1	.59	8	<.5	4800
B 160600	4.6	144.2	1.9	61	.2	13.2	53.0	1472	5.42	5.6	.3	13.2	.7	48	<.1	.6	.5	94	1.35	.080	3	8.2	2.72	63	.045	3	3.22	.014	.10	<.1	.03	4.8	<.1	.74	9	.5	8000
B 160601	5.8	219.2	1.9	57	.4	11.5	66.6	1483	5.93	8.1	.4	20.0	.7	40	<.1	.5	.8	97	1.28	.083	3	7.9	2.67	115	.070	3	3.12	.011	.15	.1	.02	5.2	.1	1.28	8	1.2	7500
B 160602	.7	157.7	2.0	51	.1	10.8	30.0	1256	4.74	4.3	.3	5.0	.6	50	<.1	.6	.3	107	1.17	.084	2	8.6	2.56	148	.085	3	2.84	.021	.06	.1	.04	5.6	<.1	.29	8	<.5	7800
B 160603	1.6	215.4	1.4	54	.2	12.0	30.9	1266	4.72	4.3	.3	12.1	.7	56	<.1	.7	.4	100	1.25	.082	3	8.0	2.59	86	.048	4	2.85	.019	.07	<.1	.04	5.7	<.1	.47	8	.5	7200
B 160604	.3	39.5	2.5	44	<.1	11.2	18.4	1002	3.95	4.1	.3	1.5	.8	64	<.1	.8	.2	113	1.23	.083	3	7.4	2.34	41	.119	6	2.65	.030	.02	<.1	.02	6.2	<.1	<.05	8	<.5	7200
B 160605	5.7	47.9	1.0	56	.1	12.5	25.8	1383	4.63	3.3	.3	.7	.7	49	<.1	.4	.2	105	1.35	.086	3	8.1	2.73	149	.070	3	3.08	.017	.06	.1	.02	5.6	<.1	.20	8	<.5	9900
B 160606	1.7	250.5	5.6	73	<.1	14.8	23.1	1465	4.98	3.5	.3	.9	.7	55	.4	.6	.1	94	1.47	.081	2	7.3	2.87	349	.045	2	3.35	.014	.08	<.1	.01	5.8	<.1	.06	8	<.5	9000
STANDARD DS5	12.2	136.8	23.8	130	.3	22.8	11.9	748	2.90	18.0	5.8	41.4	2.6	46	5.5	3.7	6.0	59	.72	.092	13	178.6	.65	136	.094	17	2.06	.032	.13	4.7	.17	3.4	1.0	<.05	7	5.0	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

Fjordland Exploration Inc. File # A305659
1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Vic Tanaka

SAMPLE#	Cu %	Au** gm/mt	Sample gm
SI	<.001	<.01	-
B 160607	.291	.01	5500
B 160608	7.192	.34	2700
B 160609	.414	.05	3500
B 160610	.354	.02	6700
B 160611	.502	.02	6200
B 160612	.460	.02	8500
B 160613	.365	.01	7300
STANDARD R-2/AU-1	.561	3.43	-

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: CORE R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

DATE RECEIVED: NOV 17 2003 **DATE REPORT MAILED:** Nov 20/03 **SIGNED BY**.......... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

Fjordland Exploration Inc. File # A305660
1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Vic Tanaka

SAMPLE#	Cu %	Au** gm/mt
SI	<.001	.01
WJE-1	.002	.01
STANDARD R-2/AU-1	.564	3.40

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: ROCK R150 60C AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

DATE RECEIVED: NOV 17 2003 DATE REPORT MAILED: Nov 20/03 SIGNED BY..........D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

APPENDIX C

SOIL SAMPLE DESCRIPTIONS

Sample	Easting	Northing	Depth (")	Color	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)
L1-1	610282	5790964	29	br-gy	1.2	26.2	8.7	235	0.1	20	9.2	2040	2.75	3.6	0.3	1.9	0.7	40	0.6	0.2	0.2	53	0.83	0.089	10	19	0.34	843	0.03	6	1.36	0.006	0.16	0.1	<.01	3	0.1	<.05	5	0.5
L1-2	610244	5790978	8	br	1	33.8	11.3	169	0.2	12.4	11.5	1400	4.06	7.7	0.2	4.7	1.3	39	0.6	0.2	0.1	81	0.57	0.134	5	14.4	0.37	465	0.022	<1	1.34	0.008	0.15	0.1	0.01	5	0.1	<.05	5	<.5
L1-3	610273	5790986	10	br	1	26.9	8.9	68	0.1	9.3	6.9	606	2.33	6.5	0.2	2.3	1.1	26	0.3	0.2	0.1	53	0.31	0.102	4	15.2	0.28	270	0.03	1	0.85	0.007	0.07	0.1	<.01	2.1	<.1	<.05	3	0.5
L1-4	610288	5791020	10	br	0.7	12.8	5.7	86	0.2	6.3	5.7	778	1.86	3.6	0.2	1.7	0.8	32	0.3	0.1	0.1	39	0.27	0.078	4	13.9	0.17	257	0.028	5	0.75	0.01	0.1	0.1	0.01	1.7	<.1	<.05	3	<.5
L1-5	610308	5791030	8	br-gy	0.3	11	4.1	55	0.1	11.3	5.9	402	1.49	1.9	0.2	0.7	1	27	0.2	0.2	0.1	42	0.28	0.085	5	24	0.29	157	0.063	<1	1.01	0.006	0.06	0.1	<.01	1.9	<.1	<.05	4	<.5
L1-6	610300	5791044	12	gy	0.7	6.5	4.2	59	0.1	10	5.1	367	1.19	1.3	0.2	0.6	1	26	0.1	0.1	0.1	32	0.26	0.067	4	17.1	0.23	150	0.059	3	0.85	0.008	0.07	0.1	0.01	1.7	<.1	<.05	3	<.5
L1-7	610298	5791069	10	br	0.4	9.6	5	78	0.1	13.1	5.7	306	1.61	2.4	0.3	2.7	1.5	30	0.2	0.2	0.1	43	0.28	0.138	5	20.7	0.29	149	0.057	<1	1.32	0.009	0.06	0.1	0.01	2	<.1	<.05	6	<.5
L1-8	610280	5791092	8	gy-br	0.6	7.2	4.4	75	0.2	10.6	5	317	1.28	1.3	0.3	182.4	1	32	0.2	0.1	0.1	34	0.3	0.096	5	20.5	0.24	178	0.067	1	0.95	0.008	0.09	<.1	<.01	1.7	0.1	<.05	4	<.5
L1-9	610281	5791115	12	gy-br	0.3	17.2	5.9	64	0.2	15.1	5.6	503	1.34	1.8	0.3	0.8	1.4	37	0.2	0.2	0.1	38	0.29	0.059	10	22.1	0.32	142	0.071	<1	1.1	0.009	0.08	0.1	0.01	2.2	0.1	<.05	4	<.5
L1-10	610293	5791147	12	br	0.4	7.5	5.2	52	0.2	11.3	4.3	298	1.31	1.5	0.2	11.6	1.3	26	0.1	0.1	0.1	32	0.23	0.123	5	21.9	0.21	185	0.067	<1	1.06	0.007	0.07	0.1	0.01	1.7	0.1	<.05	4	<.5
L1-11	610300	5791179	10	gy-br	0.3	5.4	4	62	0.1	6.6	4.5	248	1.21	1.2	0.2	<.5	1.2	25	0.1	0.1	0.1	33	0.21	0.095	5	20	0.21	150	0.066	3	0.93	0.007	0.05	0.1	<.01	1.7	<.1	<.05	3	<.5
L1-12	610309	5791201	8	br-gy	0.2	6.2	4.9	25	0.1	5.9	2.8	121	0.81	1	0.2	1	1.1	22	0.1	0.1	0.1	25	0.2	0.05	6	14.7	0.14	92	0.066	3	0.62	0.007	0.05	<.1	<.01	1.2	<.1	<.05	3	<.5
L1-13	610314	5791217	10	br	0.3	7.7	4.8	65	0.2	8.6	3.6	374	1.31	1.9	0.3	3.4	1.1	34	0.1	0.4	0.1	36	0.3	0.084	6	16.4	0.24	161	0.049	<1	1.06	0.008	0.06	0.1	<.01	1.6	<.1	<.05	4	<.5
L1-14	610313	5791249	12	br wet	0.5	21.5	8.4	101	0.2	21.4	7.1	417	1.77	2.8	0.5	1.9	1.4	43	0.1	0.2	0.1	43	0.38	0.118	9	28.6	0.39	209	0.062	3	1.71	0.009	0.08	0.1	0.01	3	0.1	<.05	6	<.5
L1-15	610312	5791274	12	br	0.4	5.7	4	46	0.1	8.1	4	303	1.11	1.1	0.3	1.7	0.9	26	0.1	0.1	0.1	32	0.25	0.04	5	21.5	0.21	110	0.072	<1	0.76	0.007	0.05	0.1	<.01	1.3	<.1	<.05	3	<.5
L2-16	610810	5790786	10	o-br	0.8	7.3	5.7	71	0.2	9.8	5.9	311	1.59	2.8	0.2	<.5	1.3	32	0.2	0.1	0.1	34	0.22	0.359	4	20.9	0.2	226	0.059	6	1.4	0.007	0.07	0.1	0.02	2	<.1	<.05	5	<.5
L2-17	610801	5790796	6	gy-o	0.5	7.3	5	29	0.1	10.2	3.9	144	1.3	2.2	0.3	1.6	1.1	27	0.1	0.1	0.1	28	0.26	0.187	4	18.3	0.21	105	0.051	4	1.06	0.011	0.05	0.1	0.01	1.5	<.1	<.05	4	<.5
L2-18	610796	5790818	14	gy	0.6	8.7	4.5	18	0.1	3.8	2.1	84	0.75	0.8	0.2	5.2	0.4	24	0.3	0.1	0.1	22	0.24	0.045	3	13.2	0.11	59	0.047	1	0.47	0.007	0.04	<.1	0.01	0.9	<.1	<.05	3	<.5
L2-19	610781	5790845	10	o-br	0.4	8.2	4.6	29	0.1	10.3	4.7	305	1.31	2.1	0.3	1.4	1.2	29	0.2	0.2	0.1	38	0.3	0.078	6	22.2	0.25	110	0.065	1	1	0.009	0.06	0.1	<.01	1.3	<.1	<.05	3	<.5
L2-20	610788	5790868	8	o-br	0.7	10.5	4.5	31	0.1	14.7	6.2	200	1.62	2.4	0.5	5.7	1.2	36	0.1	0.2	0.1	48	0.34	0.04	8	27.6	0.4	100	0.064	3	1.32	0.011	0.07	<.1	0.01	1.8	<.1	<.05	4	<.5
L2-21	610788	5790898	24	gy	0.9	52.1	7.2	51	0.1	43.7	14.7	595	2.78	8.7	0.9	4.3	3.4	79	0.1	0.5	0.2	71	0.72	0.069	16	43.8	0.78	186	0.097	3	1.71	0.029	0.17	0.1	0.02	6.1	0.2	<.05	6	0.5
L2-22	610770	5790912	39	gy	0.2	79.3	5.9	40	0.2	32.6	11.3	266	2.48	3.8	0.8	2.9	2.9	85	0.1	0.3	0.1	51	0.79	0.085	14	51.2	0.76	182	0.09	3	1.74	0.03	0.17	0.1	0.02	6.3	0.2	<.05	5	0.5
L2-23	610728	5790922	10	o-gy	0.4	8.9	3.7	23	0.1	8.9	4.5	218	1.21	1.5	0.2	0.5	1.2	23	0.1	0.2	0.1	33	0.24	0.07	5	20.2	0.26	77	0.087	4	0.86	0.009	0.05	<.1	<.01	1.4	<.1	<.05	3	<.5
L2-24	610712	5790953	8	gy	0.7	2.8	4.1	13	0.1	2.8	2.6	873	0.64	<.5	0.2	3.8	0.4	24	0.1	0.1	0.1	21	0.24	0.024	3	10.9	0.1	76	0.054	3	0.35	0.006	0.04	<.1	<.01	0.7	<.1	<.05	2	<.5
L2-25	610706	5790979	6	gy-br	0.3	6.1	3.4	15	0.1	5.9	2.7	343	0.89	1.2	0.2	2.2	0.8	21	0.1	0.2	0.1	26	0.2	0.036	4	15.7	0.17	105	0.059	2	0.58	0.005	0.05	<.1	<.01	1.3	<.1	<.05	2	<.5
L2-26	610695	5791002	8	gy-o	0.5	5.3	3.2	14	0.1	5.4	3.5	458	0.82	0.9	0.2	<.5	0.4	24	<.1	0.1	0.1	24	0.25	0.04	3	15.1	0.16	76	0.045	<1	0.52	0.005	0.04	0.1	0.01	0.9	<.1	<.05	2	<.5
L2-27	610673	5791019	8	gy-o	0.3	2.6	3.6	13	0.1	2.5	1.9	321	0.51	0.5	0.1	0.6	0.5	16	0.1	0.1	0.1	16	0.19	0.037	3	9.3	0.09	44	0.046	<1	0.32	0.006	0.05	<.1	<.01	0.6	<.1	<.05	2	<.5
L2-28	610651	5791021	10	o-br	0.4	4.3	3.5	23	0.1	6.4	3.3	289	0.96	1	0.2	<.5	0.9	16	0.1	0.1	0.1	27	0.19	0.049	4	16.7	0.16	65	0.056	<1	0.63	0.008	0.04	0.1	0.01	1.3	<.1	<.05	3	<.5
L2-29	610638	5791038	10	br	0.4	4.5	3.2	21	0.1	6.8	4	230	1.05	1.1	0.2	<.5	0.8	18	<.1	0.1	0.1	28	0.2	0.045	4	17.6	0.21	71	0.058	1	0.67	0.007	0.05	<.1	0.01	1	<.1	<.05	2	<.5
L2-30	610611	5791037	8	gy-o	0.2	5.5	3.1	22	<.1	6	3	218	0.94	1.1	0.2	2.6	0.9	17	0.1	0.1	0.1	27	0.17	0.054	3	17	0.18	71	0.056	2	0.57	0.006	0.06	<.1	<.01	1.2	<.1	<.05	2	<.5
L2-31	610600	5791076	7	o-br	0.4	8.3	3.6	19	0.1	9.9	5.4	197	1.13	1.8	0.3	0.6	1.3	31	<.1	0.1	0.1	31	0.31	0.024	5	23.5	0.32	90	0.063	3	0.74	0.008	0.06	<.1	0.01	1.6	<.1	<.05	3	<.5
L2-32	610600	5791094	16	gy-br	0.4	11	3.7	28	<.1	16.1	7.8	302	1.5	4.1	0.3	<.5	2.1	32	<.1	0.2	0.1	48	0.32	0.077	8	31.7	0.43	89	0.086	<1	0.89	0.012	0.11	0.1	0.01	2	0.1	<.05	3	<.5
L2-33	610590	5791131	6	gy	0.3	3.7	3.5	12	0.1	2.8	2	336	0.47	0.5	0.1	1.1	0.5	15	0.1	0.1	0.1	15	0.14	0.017	3	9	0.1	70	0.042	1	0.32	0.005	0.06	<.1	0.01	0.7	<.1	<.05	2	<.5
L2-34	610570	5791148	8	gy	0.8	6.3	4.9	27	0.1	5.2	4.2	324	0.7	0.6	0.2	0.6	0.5	27	0.1	0.1	0.1	21	0.27	0.038	4	10.8	0.16	128	0.039	2	0.64	0.009	0.05	0.1	<.01	1.2	<.1	<.05	4	<.5
L3-35	611378	5790999	10	br	0.7	22.5	6.8	97	0.1	16.2	8.7	1523	2.05	4	0.3	<.5	1.1	19	0.2	0.4	0.2	54	0.26	0.122	5	18.5	0.42	278	0.045	3	1.94	0.007	0.06	0.1	0.01	2.4	0.1	<.05	7	<.5
L3-36	611361	5791016	8	g-br	0.9	23	5.5	62	0.1	16.3	7.8	934	1.63	4.7	0.3	<.5	1	44	0.3	0.3	0.1	42	0.5	0.08	5	16.7	0.41	221	0.051	1	1.2	0.006	0.06	0.1	<.01	2.1	0.1	<.05	4	<.5
L3-37	611349	5791045	10	br-gy	0.7	10.6	5.2	67	0.2	11.7	5.8	476	1.38	1.8	0.3	0.9	1	31	0.2	0.3	0.1	33	0.37	0.13	5	18.5	0.3	267	0.048	1	1.06	0.009	0.06	0.1	<.01	1.8	0.1	<.05	4	<.5
L3-38	611336	5791063	12	br-gy	0.8	16.3	4.6	76	0.2	9.7	6.9	1664	1.26	2.5	0.2	0.8	0.6	20	0.5	0.2	0.1	33	0.26	0.135	4	15.6	0.19	219	0.039	1	0.86	0.006	0.05	0.1	<.01	1.5	<.1	<.05	4	<.5
L3-39	611324	5791074	6	gy	0.5	65.9	5.3	34	0.1	18.1	8.1	202	2.05	5.5	0.4	18.7	1.4	34	0.1	0.5	0.1	54	0.34	0.071	4	22.9	0.63	112	0.068	2	1.47	0.006	0.13	0.1	0.01	2.5	0.1	<.05	4	<.5
L3-40	611307	5791105	14	br	0.8	96.2	8.4	48	0.2	29.6	9.4	221	2.33	4.8	0.4	1.3	2.8	42	0.1	0.4	0.1	50	0.48	0.202	7	35.2	0.55	190	0.072	2	1.63	0.01	0.12	0.1	<.01	3.4	0.1	<.05	5	<.5
L3-41	611308	5791126	8	gy-br	1.1	387.7	44.7	113	0.8	38	11.2	593	2.81	46.3	0.5	44.7	2.6	44	0.3	5	0.3	55	0.51	0.23	8	33.2	0.63	290	0.076	3	2.25	0.011	0.13	0.1	0.05	4	0.1	<.05	7	<.5
L3-42	611300	5791138	8	gy-br	0.9	77.4	22.3	73	0.2	20.4	7.6	663	1.76	3.5	0.4	1.1	1.6	48	0.3	0.7	0.2	41	0.64	0.131	7	25.6	0.46	237	0.086	3	1.37	0.009	0.11	0.1	0.02	2.7	0.1	<.05	5	<.5
L3-43	611287	5791162	16	gy	0.8	26.5	6.7	48	0.2	30.8	8.8	415	2.15	4.7	0.5	1.1	2.3	54	0.1	0.5	0.1	52	0.6	0.236	8	31.9	0.61	251	0.071	2	1.92	0.018	0.09	0.1	<.01	3.2	0.1	<.05	5	<.5
L3-44	611283	5791189	12	br	0.6	78.9	8.5	57	0.3	31.2	10.1	431	2.38	5	0.7	1.5	2.7	47	0.1	0.4	0.1	56	0.59	0.062	14	39.9	0.8	170	0.087	2	1.69	0.016	0.13	0.1	0.01	4.6	0.1	<.05	5	<.5
L3-45	611262	5791198	16	gy	0.7	18.4	8.2	41	0.1	25.2	8.6	284	1.96	3.2	0.6	<.5	2.2	37	0.1	0.3	0.1	46	0.43	0.111	8	34.7	0.47	139	0.084	1	1.62	0.01	0.08	0.1	<.01	2.8	0.1	<.05	5	<.5
L3-46	611244	5791254	24	gy	0.7	30.8	6.1	45	0.1	31.5	11.2	364	2.19	4.7	0.8	3	3.3	47	<.1	0.3	0.1	62	0.43	0.047	12	41.5	0.64	115	0.116	1	1.43	0.017	0.11	0.1	<.01	3.7	0.1	<.05	4	<.5
L3-47	611231	5791274	6	br	0.9	21.7	5.9	37	0.2	19.9	9.6	244	1.92	3.3	0.8	5	2.2	41	0.1	0.3	0.1	53	0.38	0.029	9	34.7	0.54	81	0.093	1	1.31	0.014	0.1	0.1	<.01	3	0.1	<.05	4	<.5
L3-48	611216	5791291	5	br	1.1	15.9	5.6	40	0.2	19.7	8.5	218	1.99	2.7	0.4	<.5	1.6	35	0.1	0.3	0.1	58	0.33	0.052	7	34.6	0.48	95	0.085	2	1.45	0.009	0.07	0.1	<.01	2.2	<.1	<.05	5	<.5
L3-49	611208	5791319	6	o-br	0.7	25.1	5.3	40	0.2	20.4	7.2	307	1.88	4.2	0.6	5.4	2	38	0.1	0.3	0.1	51	0.34	0.072	8	37.1	0.48	99	0.09	1	1.26	0.013	0.1	0.1	<.01	2.7	0.1	<.05	4	<.5
L3-50	611195	5791337	8	o-br	0.6	10.2	5.9	48	0.2	11.3	6.8	228	1.32	1.5	0.3	0.7	1	41	0.2	0.1	0.1	32	0.42	0.119	6	21	0.35	122	0.066	3	1.07	0.009	0.15	<.1	0.01	2.1	<.1	<.05	4	<.5
L3-51	611177	5791357	10	o-br	0.7	9.2	6.2	72	0.2	13.4	6.1	303	1.44	1.5	0.3	1.8	1.6	28	0.1	0.3	0.1	33	0.21	0.169	7	27.1	0.27	208	0.062	2	1.27	0.01	0.07	0.1	<.01	2.4	0.1	<.05	5	<.5
L3-52	611164	5791380	8	o-br	0.5	7.7	5.6	56	0.1	12.1	4.6	328	1.3	1.8	0.3	1.4	1.5	27	0.3	0.2	0.1	31	0.23	0.106	7	26.3	0.24	146	0.089	2	1.08	0.009	0.06	<.1	<.01	2.2	<.1	<.05	4	<.5
L3-53	611151	5791401	6	gy	1	6.9	5.6	99	0.2	9.3	4.3	206	1.21	0.9	0.3	1.7	1.3	21	0.3	0.2	0.1	36	0.19	0.04	7	25.7	0.24	97	0.065	2	0.78	0.009	0.05	0.1	<.01	1.5	<.1	<.05	4	<.5
L3-54	611134	5791422	8	gy	0.7	5.5	6.4	44	0.1	8.2	4.2	300	1.01	0.8	0.3	4.4	1.4	20	0.1	0.1	0.1	31	0.23	0.044	6	23	0.24	101	0.073	2	0.8	0.009	0.07	0.1	<.01	1.7	0.1	<.05	4	<.5
L3-55	611122	5791446	10	br	0.7	7	6.5	108	0.3	9.1	4.2	855	1.13	1	0.3	1	1.2	22	0.4	0.1	0.1	31	0.23	0.053	7	22.9	0.22	127	0.071	3	0.87	0.011	0.07	<.1	0.02	1.7	<.1	<.05	4	<.5
L3-56	611113	5791465	3	br-gy	0.6	29.2	6.4	70	0.4	23.7	8.5	367	2.06	3.7	0.7	1.8	2.7	43	0.2	0.3	0.1	54	0.44	0.068	11	38.9	0.6	146	0.103	3	1.56	0.024	0.13	0.1	<.01	3.6	0.1	<.05	5	<.5
L3-57	611099	5791483	14	br	0.9	28.7	8.1	64	0.3	20.5	9.7	606	1.79	2.5	1.1	2.3	1.7	82	0.7	0.3	0.1	43	0.66	0.075	11	33.4	0.43	172	0.089	3	1.38	0.013	0.14	0.1	<.01	2.7	0.1	<.05	6	<.5
L4-1	611263	5790829		gy-gn	0.6	17.1	4.4	31	0.1	14.8	8.3	205	1.55	3.9	0.3	1.1	1.6	44	0.1	0.4	0.1	44	0.39	0.065	5	23.6	0.31	104	0.073	2	0.97	0.011	0.06	0.1	0.02	2.1	<.1	<.05	3	<.5
L4-2	611234	5790851		gy-gn	3.5	14.6	4.6	35	0.2	15.6	6.3	194	1.57	3.5	0.3	1.2	1.6	33	0.1	0.4	0.1	43	0.28	0.106	6	24.6	0.32	106	0.078	1	1.18	0.011	0.06	<.1	0.01	2.3	0.1	<.05	3	<.5
L4-3	611221	5790883		gy-gn	0.6	9.8	4.7	39	0.1	13.6	8.1	683	1.41	2.4	0.3	0.7	1.1	56	0.2	0.3	0.1	40	0.51	0.096	5	22.4	0.29	180	0.073	2	1	0.01	0.06	<.1	0.02	1.9	<.1	<.05	3	<.5
L4-4	611210	5790902		gy-gn	0.7	6.4	4.5	39	0.1	7.1	4.1	521	0.94	1.7	0.2	<.5	0.2	36	0.2	0.2	0.1	26	0.39	0.078	4	15.3	0.19	103	0.051	2	0.66	0.008	0.05	<.1	0.03	1.1	<.1	<.05	3	<.5
L4-5	611202	5790929		gy-gn	0.6	23.3	5.2	49	0.2	17	7.1	363	1.54	3.8	0.4	1.6	1.7	43	0.2	0.3	0.1	41	0.38	0.13	9	25.8	0.33	183	0.075	2	1.24	0.011	0.06	0.1	0.01	2.8	0.1	<.05	4	<.5
L4-6	611192	5790945		gy-gn	0.6	8.5	4.8	47	0.1	8.4	5.3	604	1.09	2.2	0.2	0.7	0.9	42	0.2	0.2	0.1	30	0.41	0.063	4	17.2	0.23	106	0.065	2	0.71	0.009	0.07	0.1	0.01	1.6	<.1	<.05	3	<.5
L4-7	611176	5790972		gy-gn	0.5	16.1	4.4	51	0.2	15.9	7.3	233	1.61	3.6	0.4	8.7	1.6	38	0.1	0.4	0.1	44	0.31	0.117	8	25.9	0.34	146	0.079	2	1.32	0.011	0.06	<.1	0.02	2.4	0.1	<.05	4	<.5
L4-8	611156	5790989		gy-gn	0.4	9.5	5.4	53	0.1	10	4.9	475	1.07	1.4	0.3	<.5	1	34	0.2	0.2	0.1	29	0.32	0.068	7	16.2	0.25	154	0.067	1	0.79	0.009	0.07	<.1	0.01	1.7	<.1	<.05	3	<.5
L4-10	611135	5791036		dk br	0.7	12.1	8.2	105	0.3	17.9	7.6	578	1.84	2.9	0.4	<.5	1.8	40	0.2	0.3	0.1	41	0.37	0.292	6	27.3	0.35	335	0.074	3	1.78	0.011	0.12	0.1	0.02	3.1	0.1	<.05	5	<.5
L4-11	611122	5791052		lt br	0.5	14.8	5.6	52	0.2	18.2	6.9	434	1.68	3.3	0.5	0.8	1.3	47	0.2	0.4	0.1	43	0.53	0.156	7	28.4	0.37	204	0.082	3	1.31	0.012	0.08	0.1	0.03	2.5	0.1	<.05	4	0.5
L4-12	611108	5791072		br-gy	0.6	11	5.7	34	0.1	7.7	4.1	731	0.89	1.3	0.3	0.5	0.7	33	0.4	0.2	0.1	27	0.5	0.036	4	16.5	0.22	109	0.066	4	0.59	0.01	0.07	0.1	0.02	1.3	<.1	<.05	3	<.5
L4-13	611089	5791095		or-br	0.5	25.8	5.4	47	0.2	14.4	7.4	187	1.8	4.8	0.6	0.9	1.2	48	0.2	0.2	0.2	44	0.56	0.144	5	23	0.36	143	0.064	2	1.49	0.01	0.05	0.1	0.02	2.2	<.1	<.05	5	<.5
L4-14	611074	5791109		or-br	0.7	10.5	6	71	0.1	11.5	8.2	669	1.82	2.2	0.3	1.5	1.2	37	0.9	0.3	0.1	43	0.39	0.168	5	24.7	0.26	247	0.075	2	1.5	0.008	0.07	0.2	0.02	2.1	0.1	<.05	5	<.5
L4-15	611058	5791138		dk br	0.9	15.5	5.8	33	0.2	14	7.1	737	1.49	2.5	0.4	2	1.6	41	0.1	0.4	0.1	43	0.44	0.063	7	26	0.37	129	0.09	2	0.93	0.011	0.09	0.1	0.02	2.1	0.1	<.05	3	<.5
L4-16	611051	5791157		dk br	0.9	13.2	6.3	65	0.2	22.2	8.4	419	2.14	3	0.4	1	2.7	49	0.2	0.3	0.1	46	0.46	0.185	10	45.9	0.6	290	0.101	3	1.56	0.01	0.09	0.1	0.02	2.9	0.1	<.05	8	<.5
L4-17	611037	5791176		dk br	0.7	11.9	6.6	64	0.3	17	7.5	377	1.63	2.3	0.4	0.7	1.7	45	0.2	0.2	0.1	37	0.48	0.124	7	27.6	0.37	183	0.093	3	1.41	0.011	0.09	0.1	0.03	2.6	0.1	<.05	5	<.5
L4-18	611015	5791182		dk br	0.8	18.2	6.6	60	0.3	17.5	7.4	609	1.58	1.7	0.6	0.7	1.4	52	0.4	0.2	0.1	38	0.71	0.047	9	29.8	0.38	167	0.091	3	1.29	0.016	0.07	0.1	0.04	2.2	0.1	<.05	3	<.5
L4-19	611005	5791215		dk br	1.2	34.9	7.1	100	0.2	17	12.4	508	2.73	10.6	0.4	0.9	1	29	0.4	0.5	0.2	63	0.32	0.104	8	30.6	0.54	178	0.072	3	1.74	0.011	0.07	0.1	0.02	4	0.1	<.05	7	<.5
L5-20	611070	5790742		br-gy	0.4	15.6	5.5	49	0.1	17.9	6.9	213	1.92	2.9	0.4	1.7	2.1	48	0.1	0.2	0.1	40	0.41	0.186	7	25.1	0.32	155	0.085	2	1.38	0.011	0.11	0.1	0.02	2.3	<.1	<.05	4	<.5
L5-21	611066	5790763		gy-gn	0.6	4.7	4.4	21	0.1	8.4	3.1	190	0.85	1.1	0.2	0.5	0.8	26	0.1	0.1	0.1	29	0.24	0.047	5	16	0.17	94	0.075	2	0.59	0.01	0.04	<.1	0.02	1.2	<.1	<.05	3	<.5
L5-22	611036	5790783		gn-br-gy	0.5	13	5	42	0.1	18.8	6.7	250	1.55	2.7	0.3	1.5	1.5	34	0.1	0.2	0.1	37	0.29	0.098	6	24.3	0.29	145	0.081	2	1.16	0.01	0.06	<.1	0.02	1.9	<.1	<.05	4	<.5
L5-23	611021	5790804		gy	0.6	10.6	4.6	44	0.1	13.9	6.3	356	1.38	2	0.3	1.1	1.3	38	0.2	0.2	0.1	37	0.34	0.086	5	23	0.3	118	0.082	1	1.06	0.011	0.06	<.1	0.02	2	0.1	<.05	4	<.5
L5-24	611021	5790842		gy	0.8	9	5.9	67	0.2	11.2	6.9	584	1.29	1.4	0.2	0.8	0.6	39	0.3	0.1	0.1	32	0.31	0.115	5	21.2	0.22	166	0.073	2	0.92	0.011	0.05	<.1	0.02	1.6	<.1	<.05	4	<.5
L5-25	611007	5790863		gy	0.7	16.7	5.7	56	0.2	15.5	7.1	521	1.51	1.9	0.3	1.1	1.3	53	0.2	0.2	0.1	39	0.46	0.063	6	25.6	0.29	147	0.066	1	1.01	0.012	0.08	0.1	0.03	2.1	0.1	<.05	4	<.5
L5-26	610994	5790884		or-gy	0.4	17.4	4.9	57	0.1	17.3	6.8	310	1.51	2.4	0.3	1.8	1.5	46	0.1	0.2	0.1	44	0.44	0.079	7	26.3	0.33	126	0.092	2	1.04	0.012	0.08	<.1	0.01	2.1	0.1	<.05	4	<.5
L5-27	610975	5790912		gy	0.6	8.8	4.8	60	0.1	12.2	5.3	617	1.27	1.8	0.2	1.9	0.8	51	0.2	0.2	0.1	33	0.53	0.114	5	20.7	0.26	179	0.073	3	1.01	0.01	0.1	<.1	0.03	1.7	<.1	<.05	4	<.5
L5-28	610963	5790926		dk br	0.4	11.3	5	63	0.2	18.6	8.2	442	1.46	2.3	0.3	0.9	1.7	38	0.2	0.3	0.1	39	0.35	0.099	8	26.3	0.32	166	0.097	2	1.28	0.013	0.09	<.1	0.01	2.4	<.1	<.05	4	<.5
L5-29	610956	5790954		lt br	0.5	18.3	5.8	59	0.2	15.9	7	523	1.75	3.2	0.4	1.6	1.8	40	0.2	0.3	0.1	45	0.37	0.108	6	29	0.37	175	0.1	3	1.22	0.014	0.1	0.1	0.01	2.7	0.1	<.05	4	<.5
L5-30	610932	5790986		lt br	0.7	17.7	5.3	32	0.2	16.9	7.2	393	1.73	4	0.4	1.9	1.4	43	0.2	0.4	0.1	50	0.4	0.079	7	28.6	0.38	133	0.101	3	1.18	0.014	0.07	0.1	0.02	2.4	0.1	<.05	4	<.5
L5-31	610923	5790981		br-gy	0.8	8.6	6.2	27	0.1	8.6	4.8	200	1.29	1.4	0.3	1	0.9	26	0.1	0.2	0.1	36	0.27	0.041	5	21.2	0.28	78	0.096	2	0.84	0.01	0.06	<.1	0.01	1.4	<.1	<.05	4	<.5
L5-32	610907	5791002		lt-dk br	0.6	13.3	5.4	32	0.1	15.2	6.7	265	1.67	3.4	0.7	1.2	1.6	42	0.1	0.3	0.1	51	0.38	0.04	7	29.4	0.41	113	0.101	2	1.22	0.014	0.08	<.1	0.02	2.2	0.1	<.05	4	<.5
L5-33	610894	5791022		gy	0.8	4.9	5.9	13	0.1	3.7	1.9	122	0.69	0.6	0.2	1	0.5	26	0.1	0.1	0.1	24	0.25	0.026	4	12.8	0.11	58	0.081	2	0.42	0.008	0.05	<.1	0.01	1	<.1	<.05	2	<.5
L5-34	610885	5791046		br-gy	0.6	11.5	6.2	49	0.2	17.3	6.2	205	1.76	1.9	0.4	6	2	51	0.1	0.3	0.1	40	0.4	0.132	8	31.9	0.39	152	0.085	1	1.4	0.011	0.11	0.1	0.02	2.5	0.1	<.05	4	<.5
L5-35	610873	5791067		dk br	0.5	6.9	6.1	49	0.2	13.9	6.3	222	1.51	2.6	0.4	0.9	1.4	28	0.1	0.2	0.1	38	0.29	0.086	7	26.4	0.35	152	0.072	1	1.34	0.01	0.08	0.1	0.02	2	<.1	<.05	5	<.5
L5-36	610860	5791086		dk br	0.6	6.4	5.8	26	0.1	10.3	4.6	277	1.3	2.7	0.3	<.5	1.4	29	0.1	0.3	0.1	39	0.31	0.037	7	23.1	0.37	72	0.088	1	0.9	0.009	0.09	0.1	0.01	1.6	<.1	<.05	4	<.5
L5-37	610848	5791106		dk br	0.7	11.7	6.5	43	0.2	13.9	6.2	356	1.58	3.2	0.7	<.5	1.3	39	0.2	0.3	0.1	43	0.44	0.033	7	27.1	0.36	121	0.077	2	1.22	0.012	0.11	<.1	0.03	2	0.1	<.05	4	<.5