

**ASSESSMENT REPORT**  
including  
**Diamond Drilling**  
on the  
**WOODJAM PROPERTY**  
**MTO Events # 4261712 and 4261713**

**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.  
510-510 Burrard Street  
Vancouver, B.C., Canada V6C 3A8**

**By:**

**L.J. PETERS,  
B.Sc., P .Geo. (B.C.)**

**16 February, 2009  
Vancouver, B.C.**

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## **1. INTRODUCTION AND TERMS OF REFERENCE**

This report on technical and reclamation work completed on the Woodjam Property covers MTO Event Numbers 4261712 and 4261713 dated 2 February 2009.

From 4 November to 13 November 2008 a program, consisting of drilling 2 holes, was completed on the Woodjam property on tenure # 412157.

A total of 431.9 metres were drilled in two holes. Drilling was contracted to Cyr Drilling Ltd. of Winnipeg, Manitoba and was supervised in the field by Bruce Laird, PGeo of Mincord Exploration Consultant of Vancouver, BC.

The total cost of the survey was \$110,043.

Respectfully submitted,

L. John Peters, PGeo  
16 February 2009

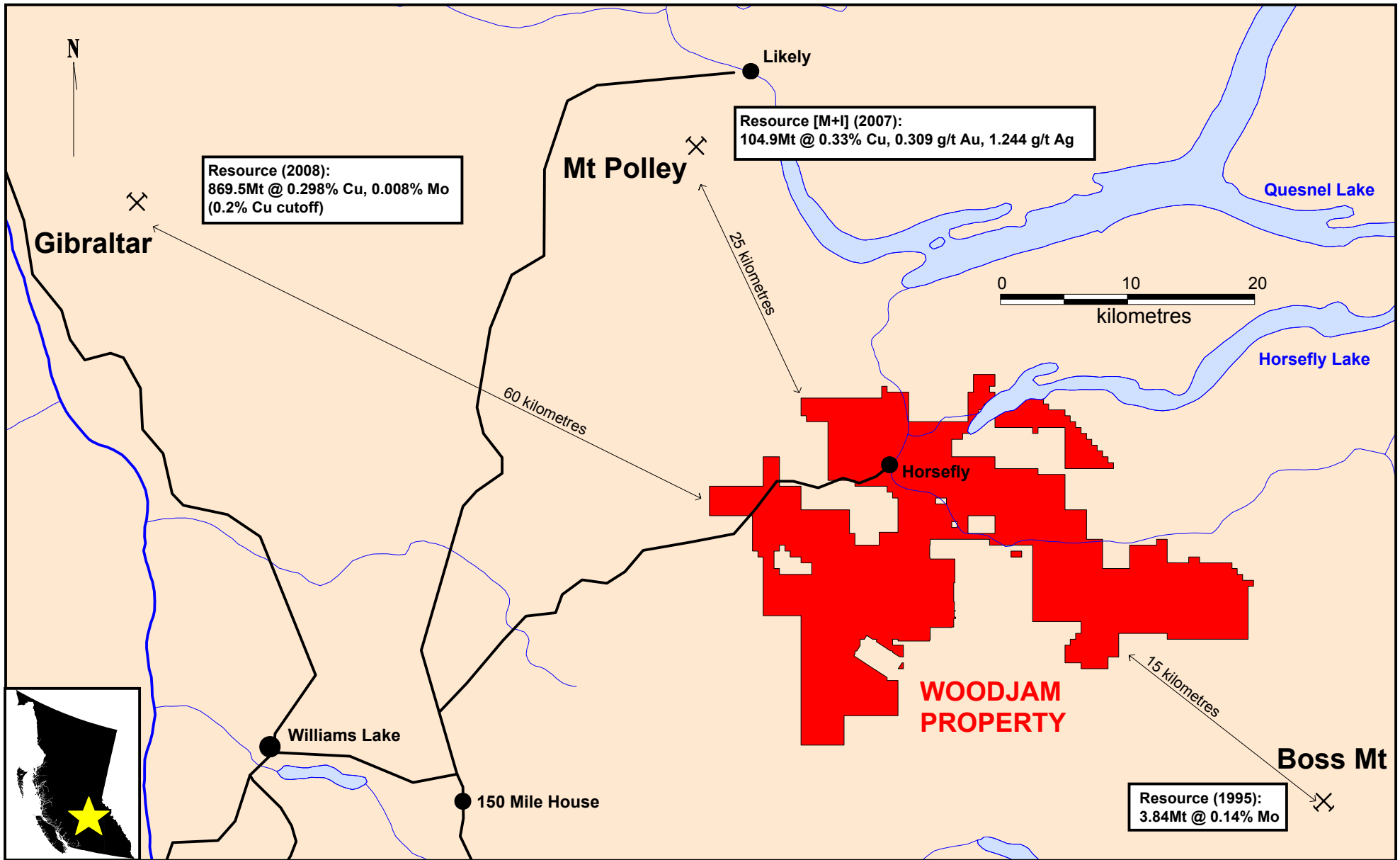


Figure 1: Location Map

## 2.0 PROPERTY LOCATION, SIZE, ACCESS AND PHYSIOGRAPHY

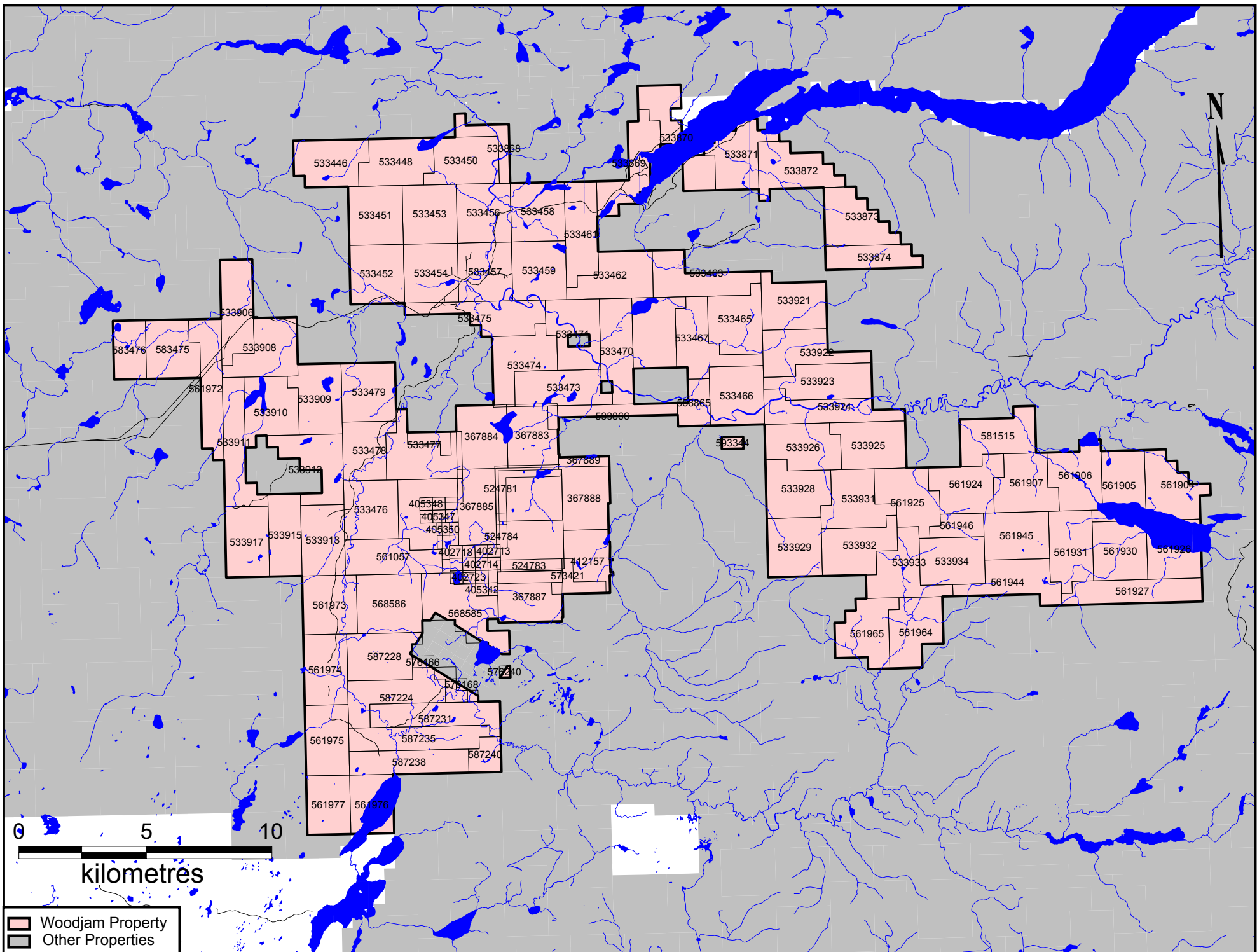
The Woodjam Property is located in the Cariboo Mining Division of central British Columbia, NTS map sheet 93A/3 and 93A/6 at geographic coordinates; latitude 52°16' N, longitude 125°00' W as shown on Figure 1. The Property is located at and around the village of Horsefly, located approximately 50 kilometres east of the City of Williams Lake.

At the date of this report, the Woodjam Property consists of 142 mineral claims with a total area of 48,474.6 hectares. Claim information, as taken from Mineral Titles Online (25 November 2008), is listed in Table 1 and Property outlines are shown in Figure 2.

Tenure #	Claim Name	Good To Date	Area	Tenure #	Claim Name	Good To Date	Area
367190	WOODJAM 5	2015/feb/19	500.0	533872	SG-28	2011/feb/19	493.4
367883	WOODJAM #6	2015/feb/19	500.0	533873	SG-29	2011/feb/19	493.6
367884	WOODJAM # 7	2015/feb/19	500.0	533874	SG-30	2011/feb/19	335.8
367885	WOODJAM #8	2015/feb/19	450.0	533906	WW-5	2011/feb/19	494.0
367886	WOODJAM # 9	2015/feb/19	500.0	533908	WW-6	2011/feb/19	494.2
367887	WOODJAM # 10	2015/feb/19	500.0	533909	WW-7	2011/feb/19	494.3
367888	WOODJAM # 11	2015/feb/19	500.0	533910	WW-8	2011/feb/19	494.4
367889	WOODJAM #12	2015/feb/19	100.0	533911	WW-9	2011/feb/19	494.5
402712	MAGALLOY-1	2011/sep/21	25.0	533912	WW-10	2011/feb/19	494.6
402713	MAGALLOY-2	2011/sep/21	25.0	533913	WW-11	2011/feb/19	475.1
402714	MAGALLOY-3	2011/sep/21	25.0	533915	WW-12	2011/feb/19	415.7
402715	MAGALLOY-4	2011/sep/21	25.0	533917	WW-13	2011/feb/19	475.1
402716	MAGALLOY-5	2011/sep/21	25.0	533921	SG-31	2011/feb/19	494.0
402717	MAGALLOY-6	2011/sep/21	25.0	533922	SG-32	2011/feb/19	494.2
402718	MAGALLOY-7	2011/sep/21	25.0	533923	SG-33	2011/feb/19	494.3
402719	MAGALLOY-8	2011/sep/21	25.0	533924	SG-34	2011/feb/19	494.4
402720	MAGALLOY-9	2011/sep/21	25.0	533925	SG-35	2011/feb/19	494.5
402721	MAGALLOY-10	2011/sep/21	25.0	533926	SG-36	2011/feb/19	494.5
402722	MAGALLOY-11	2011/sep/21	25.0	533928	SG-37	2011/feb/19	494.7
402723	MAGALLOY-12	2011/sep/21	25.0	533929	SG-38	2011/feb/19	495.0
405342	MAGALLOY-13	2011/sep/21	25.0	533931	SG-39	2011/feb/19	494.8
405343	MAGALLOY-14	2011/sep/21	25.0	533932	SG-40	2011/feb/19	495.0
405344	MAGEX-1	2011/sep/21	25.0	533933	SG-41	2011/feb/19	495.1
405345	MAGEX-2	2011/sep/21	25.0	533934	SG-42	2011/feb/19	475.3
405346	MAGEX-3	2011/sep/21	25.0	558865	HORSEHEAD	2011/feb/19	197.7
405347	MAGEX-4	2011/sep/21	25.0	561056	WW-14	2011/feb/19	494.8
405348	MAGEX-5	2011/sep/21	25.0	561057	WW-15	2011/feb/19	475.2
405349	MAGEX-6	2011/sep/21	25.0	561904	WE-1	2011/feb/19	494.7
405350	MAGEX-7	2011/sep/21	25.0	561905	WE-2	2011/feb/19	494.7
405351	MAGEX-8	2011/sep/21	25.0	561906	WE-3	2011/feb/19	494.7
405352	MAGEX-9	2011/sep/21	25.0	561907	WE-4	2011/feb/19	494.8

Tenure #	Claim Name	Good To Date	Area	Tenure #	Claim Name	Good To Date	Area
405353	MAGEX-10	2011/sep/21	25.0	561924	WE-5	2011/feb/19	494.8
405354	MAGEX-11	2011/sep/21	25.0	561925	WE-6	2011/feb/19	494.8
405355	MAGEX-12	2011/sep/21	25.0	561926	WE-7	2011/feb/19	494.9
412157	WOODJAM 14	2015/feb/19	500.0	561927	WE-8	2011/feb/19	495.1
524781	WOODJAM X	2015/feb/19	178.1	561930	WE-9	2011/feb/19	495.0
524783	WOODJAM Y	2015/feb/19	118.8	561931	WE-10	2011/feb/19	495.0
524784	WOODJAM Z	2015/feb/19	39.6	561944	WE-11	2011/feb/19	475.4
524820	WOODJAM W	2014/feb/19	118.8	561945	WE-12	2011/feb/19	475.2
533446	SG-1	2011/feb/19	493.4	561946	WE-13	2011/feb/19	178.2
533448	SG-2	2011/feb/19	493.4	561964	WE-14	2011/feb/19	495.3
533450	SG-3	2011/feb/19	493.4	561965	WE-15	2011/feb/19	495.3
533451	SG-4	2011/feb/19	493.6	561972	WW-16	2011/feb/19	494.3
533452	SG-5	2011/feb/19	493.8	561973	WW-17	2011/feb/19	495.2
533453	SG-6	2011/feb/19	493.6	561974	WW-18	2011/feb/19	475.6
533454	SG-7	2011/feb/19	493.8	561975	WW-19	2011/feb/19	475.9
533456	SG-8	2011/feb/19	493.6	561976	WW-20	2011/feb/19	396.7
533457	SG-9	2011/feb/19	493.8	561977	WW-21	2011/feb/19	396.7
533458	SG-10	2011/feb/19	493.6	568585	BIG HORN MOOSE HORN	2011/oct/01	614.0
533459	SG-11	2011/feb/19	493.8	568586		2011/oct/03	594.2
533461	SG-12	2011/feb/19	493.7	573421	WOODJAM V	2011/jan/10	138.6
533462	SG-13	2011/feb/19	493.9	576166	SWJ1	2009/feb/14	39.6
533463	SG-14	2011/feb/19	493.9	576167	SWJ2	2009/feb/14	39.6
533465	SG-15	2011/feb/19	494.1	576168	SWJ3	2009/feb/14	19.8
533466	SG-16	2011/feb/19	494.3	576169	SWJ4	2009/feb/14	19.8
533467	SG-17	2011/feb/19	494.1	576170	SWJ5	2009/feb/14	39.6
533469	SG-18	2011/feb/19	494.1	576240	SWJ6	2009/feb/15	19.8
533470	SG-19	2011/feb/19	494.1	581515	WE-16	2009/apr/16	494.6
533471	SG-20	2011/feb/19	494.1	583475	WW-22	2009/may/01	454.6
533473	SG-21	2011/feb/19	494.3	583476	WW-23	2009/may/01	296.5
533474	SG-22	2011/feb/19	494.2	587224	WJ-100	2009/jul/02	475.7
533475	SG-23	2011/feb/19	494.0	587228	WJ-101	2009/jul/02	495.4
533476	WW-1	2011/feb/19	494.8	587231	WJ-102	2009/jul/02	495.6
533477	WW-2	2011/feb/19	494.6	587235	WJ-103	2009/jul/02	495.7
533478	WW-3	2011/feb/19	415.4	587238	WJ-104	2009/jul/02	436.3
533479	WW-4	2011/feb/19	494.3	587240	WJ-105	2009/jul/02	158.6
533866	WOODJAM 2	2011/feb/19	257.1	591472	WJX	2009/sep/16	19.8
533868	SG-24	2011/feb/19	197.3	591544	WJZ	2009/sep/18	59.5
533869	SG-25	2011/feb/19	493.4	593343	WJ106	2009/oct/24	98.9
533870	SG-26	2011/feb/19	493.3	593344	M1	2009/oct/24	39.6
533871	SG-27	2011/feb/19	493.4	594132	S1	2009/nov/11	39.6

**Table 1: List of Claims**



The claims are co-owned by Fjordland (60%) and Cariboo Rose Ltd (40%) respectively. Mineral Titles Online records the above claims are owned by Fjordland Exploration Inc as the recorded owner, however, this is to expedite maintenance on the claims, as Fjordland is the Operator. Fjordland is a public company incorporated in Canada, with offices at #510-510 Burrard Street, Vancouver, BC, Canada, V6C 1Z7.

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 advance appears to have been toward the northwest.

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.

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 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.

The village of Horsefly is a supply centre for the local logging population and has readily available skilled labour as well as board, lodging, fuel and other supply outlets. Field operations are generally conducted with crews lodged in Horsefly or in nearby fishing lodges. Residential power lines run to Starlike Lake on the northwestern edge of the property. Year round work conditions for diamond drilling and geophysical surveys are hampered only by snow accumulation or spring melt.



### 3.0 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	24.1 line-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
2003	Fjordland Exploration Inc	Diamond Drilling	3 holes - 461 m	Megabuck east
2004	Fjordland Exploration Inc	Diamond Drilling	11 holes - 3968 m	Megabuck
2005	Fjordland Exploration Inc	Diamond Drilling RC Drilling	6 holes - 2018 m 10 holes - 907 m	Megabuck, Takom, M. East
2006	Fjordland Exploration Inc.	Diamond Drilling	21 holes- 7654.7m 1 hole – 136.3m 1 hole – 526.4m	Megabuck Megabuck East Takom
2007	Fjordland Exploration Inc.	Diamond Drilling I.P. Survey	8 holes- 2387.9m 101 line-km IP	Megabuck, SE Megabuck East Takom, Deerhorn

**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. Fjordland drilled a total of 1,009.4 metres in 5 holes in the Megabuck Zone in August and October 2002. Gold-copper 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 in 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.

In 2004 Fjordland drilled 11 diamond drill holes totaling 3,967.6 metres in the Megabuck Zone. The 2004 diamond drilling program focused on systematically testing the Megabuck Zone to depth. Notable intersections included 0.81 g/t Au and 0.12% Cu over 378.0 metres (04-32) and 0.77 g/t Au and 0.13% Cu over 397.5 metres (04-37) from holes drilled perpendicular to each other.

The 2004 drilling program delineated a large, irregular and complex tabular-shaped gold-copper mineralized system trending northeast and dipping approximately 45° to the southeast. Although the complex geology and numerous fault offsets complicate the picture, the system remains open in all directions and to depth.

The objective of Fjordland's 2005 drilling program was to allow a property-wide examination of the distribution of gold-copper mineralization on the Megabuck, Megabuck East, and Takom Zones. 10 short reconnaissance holes totaling 907.4 metres tested copper-in-soil anomalies using a Reverse Circulation drill. One hole was drilled in the western portion of the Megabuck Zone, one hole in the Megabuck East Zone, and 8 holes were drilled in the Takom Zone.

The second phase consisted of drilling 6 holes totaling 2017.6 metres using a diamond drill. Notable composites included 0.064 g/t Au and 0.13% Cu over 178.9 metres from the Megabuck Zone and 0.06 g/t Au and 0.11% Cu from the Takom Zone.

The 2006 drilling program was designed to test the southerly down dip extension of known mineralization in the Megabuck Zone. Twenty one holes totaling 7,654.7 metres were drilled, showing that the mineralized trend continued albeit at reduced grade.

One hole was drilled in the Megabuck East Zone but was lost at 136.3 metres due to bad ground conditions. An additional 526.4 metre hole was drilled in the Takom Zone to test for the extension of hole 74-3 and encountered weak mineralization. The Takom Zone remains open due to the historically sparse drilling.

The objective of Fjordland's 2007 drilling program was to explore newly generated targets from the expanded IP survey. Four holes (1,157.1 metres) were drilled in the newly discovered (by IP survey) Southeast Zone, one hole (370.9 metres) in the Megabuck Zone, and three holes (859.9 metres) in the Takom Zone.

A notable composite taken from 07-79 in the Southeast Zone includes 0.34% Cu, 0.046g/t Au and 0.014% Mo over 203.55 metres, with the upper 113.8 metres returning 0.40% Cu, 0.052g/t Au and 0.014% Mo.

#### **4.0 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 belt hosts several large tonnage copper-gold "porphyry type" deposits including Afton, Imperial Metal's Mount Polley Mine, Taseko's Gibraltar Mine, Placer Dome's Mt. Milligan deposit and Northgate's Kemess Mine. Outside of British Columbia, alkalic igneous rocks are host to, or generators of, such renowned deposits as Porgera and Ok Tedi in Papua New Guinea and Emperor in Fiji, as well as lesser-known but nevertheless compelling mines such as Cadia in Australia and Cripple Creek in the United States.

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 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 Takomkane Batholith 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). 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).

#### **4.1 Property Geology**

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 a possible 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 to the west of the property and as isolated islands further to the east (Wetherup, 2000).

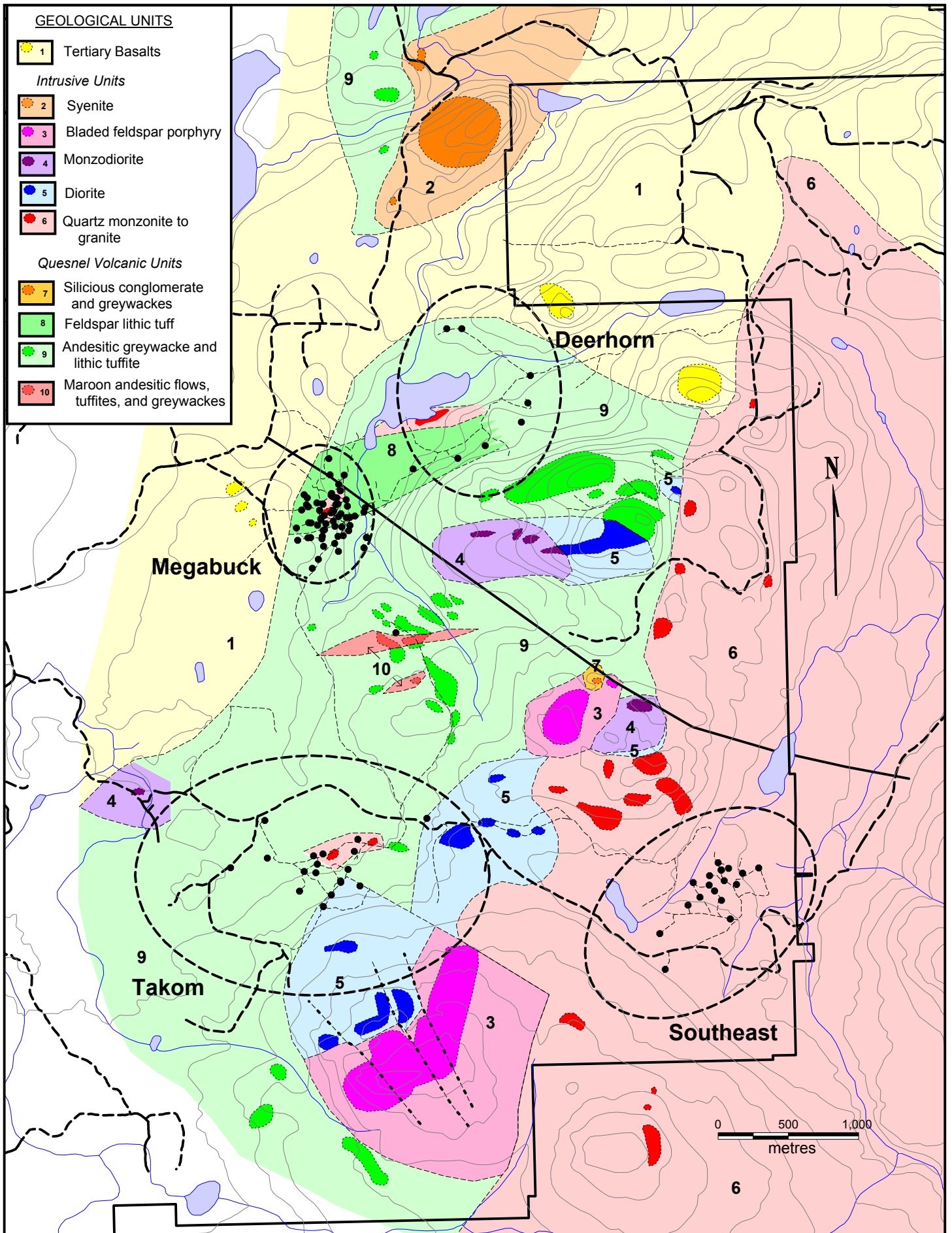
The Takla Group is typified by its preponderance of basalt to trachy-andesitic infill and its co-magmatic alkalic centres. Typical exposures consist of andesitic tuffs, tuffites and flows, greywackes, and minor silicious conglomerates. Detailed work in the vicinity of the Megabuck Zone has shown the Takla rocks to be a complex succession of maroon and green augite and feldspar porphyries, with related tuffs, pyroclastic breccias and related sedimentary rocks. Some altered and brecciated rocks interpreted as sub-volcanic intrusive complexes also occur in the Megabuck Zone. Bedding measurements throughout the property trend west to west-southwest dipping moderately to the north (Wetherup, S. 1998).

In the region of the Woodjam property the Takomkane Batholith is typically an equigranular granite to quartz-monzonite. It is generally a medium to coarser grained, equigranular, white, quartz monzonite to granite. A number of border phases occur adjacent to the batholith including several diorite and monzodiorite plugs and dykes as well as a distinctive bladed feldspar granodiorite porphyry. Diorite and monzodiorite rocks are medium grained, and contain 10-20% hornblende as the dominant mafic mineral.

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.

#### **4.2 Mineralization**

Mineralized occurrences as described by British Columbia Minfile Database and historic exploration, include the following on Table 3.



Woodjam Property, BC

Figure 3: GEOLOGY MAP (after Weatherup, 1999)

Reference #	Name	Status	Metallic Minerals
093A 078	Woodjam	dev prospect	Chalcopyrite, Gold, Pyrrhotite, Pyrite,
093A 124	WL	showing	Molybdenite, Pyrite Chalcopyrite
093A 206	Takom	prospect	Pyrite, Chalcopyrite, Gold
093A 205	Spellbound	showing	Chalcopyrite, Pyrite
093A 204	Discovery	showing	Chalcopyrite
093A 047	Ho	showing	Chalcopyrite, Pyrite
093A 015	Ward's Horsefly	placer pit	Gold
093A 014	Miocene	placer prospect	Gold

**Table 3: Woodjam Property Mineralized Zones**

The Woodjam, WL, Takom, Spellbound, and Discovery occurrences are all situated on the core claims that have received the focus of Fjordland's exploration activities since 2001. It is the authors' opinion that the WL showing is coincident with the Takom showing. The rest of the occurrences are situated on the new claims recently acquired.

Through IP and drilling Fjordland has delineated 5 mineralized zones to date on the Property including the Megabuck, Megabuck East, Deerhorn, Southeast and Takom Zones.

### **Megabuck Zone**

A total of 17,236 metres of drilling in 67 holes have been drilled into the Megabuck Zone from 1974 to the present. Mineralization in the Megabuck Zone apparently occurs as a large, irregular and complex tabular-shaped gold-copper mineralized zone approximately 175 metres thick (true thickness) trending northeast and dipping approximately 45° to the southeast. Drill tested mineralization extends 300 x 300 metres to a depth of 400 metres. At approximately 0+50 N on the Megabuck grid, the mineralized intrusive-volcanic complex appears to pass abruptly into a 70° to 80° striking pile of volcanoclastics, indicating a fault displacement. A prominent gully here mimics this trend. A north-south trending fault system, bounding known mineralization at the eastern extent, is coincident with the proximity of a feeder creek and several marsh complexes. This system has demonstrated post-mineralized mobilized copper mineralization. No determination of displacement has been reached at this time. The continuity of mineralization from drilling to date suggests that the system has a strong likelihood for continued expansion to the south and east and to depth.

Mineralization on the Woodjam property is related to porphyry-type 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. Alteration of the volcanic rocks consists of patchy silicification and chloritization, with local development of epidote, magnetite and pyrite, and 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. 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, however, during drill it appeared that k-feldspar alteration and late clay alteration destroyed the magnetite.

Gold-copper ratios are persistent at approximately 1g/t Au to 0.14% Cu. Chalcopyrite mineralization along fault planes near the main deposit carry elevated copper and depressed gold grades due to copper's greater propensity to remobilize. As well, a bimodal distribution of gold became evident from probability and Cu-Au x-y plots of drill core. An earlier and more extensive variety of gold distribution is associated with potassic flooding and with chalcopyrite that occurs as disseminations and in thin quartz veinlets. A second gold distribution is related to an epithermal system that has introduced quartz veining, brecciation, bleaching, and silicification accompanied by sericitic and argillic alteration. A small (0.4 m) wide, gouge filled fault was intersected by drilling in two holes resulting in gold grades of 8.2 g/t Au over 2.0 metres and 62.7 g/t Au over 0.4 metres.

### **Takom Zone**

The Takom Zone is located approximately 2.5 kilometres south of the Megabuck Zone. The zone is defined by large (~ 500m x 1500m) coincident IP chargeability and copper geochemistry anomalies.

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. Significant shearing is evidenced in the vicinity of known mineralization exposed by the 1996 trenches.

The zone is underlain by hard dark grey andesitic rocks of the Takla Group volcanics composed of partly brecciated augite and feldspar porphyry flows and volcanoclastics containing patchy chlorite and argillic alteration, cut by quartz-carbonate veins. Pyrite is common occurring as very fine disseminations and clots to 1 mm. Epidote alteration is pervasive and pyrite-derived hematite occurs locally in oxidized shear zones.

The volcanics are intruded by granodiorites, biotite-quartz diorites and monzodiorites that may be related to the Takomkane Batholith. Both biotites and amphiboles show alteration to chlorite. Pyrite is present to 5% and appears to mainly replace biotite or amphibole.

Unlike the Megabuck Zone, chalcopyrite mineralization in the Takom Zone co-exists with pyrite mineralization. From 1974 to the present a total of 9 diamond drill holes and 8 reverse circulation holes totaling 3,068 metres have been drilled into the zone. A 10.6 metre intercept grading 1.27 g/t gold and 0.13% copper was obtained from Exploram's hole 74-03 where granodiorite and hornblende quartz-diorite intrude the volcanics. Fjordland's 2005 diamond drill hole returned 0.10 g/t gold and 0.12% copper over 82.6



metres and ended in mineralization that appeared to be strengthening. At this time the potential for a copper-gold system is open laterally and to depth.

### **Southeast Zone**

The Southeast zone was discovered during the 2007 IP surveys. Glacial till in excess of 100 metres mask all areas of the zone. Reported drilling to date has delineated a large area of copper-molybdenum mineralization. Mineralization is typified by large intervals (hundreds of metres) of consistent copper-molybdenum mineralization in monzonite intrusives. Areas of higher grading copper mineralization are typified by reduced molybdenum and increased gold mineralization.

The best reported results to date include hole WJ07-79, averaging 0.34% Cu, 0.046g/t Au and 0.014% Mo over 203.55 metres, with the upper 113.8 metres returning 0.40% Cu, 0.052g/t Au and 0.014% Mo.

### **Megabuck East Zone**

Drilling on the eastern periphery of IP anomalies, discovered during Fjordland's 2001 and further defined during the 2007 IP geophysical programs, 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.

In 2005 Fjordland completed a regional scale soil sampling program over the zone. An anomalous copper-in-soils anomaly was delineated to the northeast of current drilling. No follow-up work has been completed to date.

### **Deerhorn Zone**

The Deerhorn Zone is located 1.5 kilometres northeast of the Megabuck Zone. The zone was delineated by the 2007 IP survey and was drill tested in 2008.

## **5.0 2008 EXPLORATION PROGRAM**

### **5.1 Diamond Drilling**

#### **Scope and Method**

The objective of Fjordland's 2008 drill program was to test mineralization in the recently discovered Southeast Zone. The drilling was contracted to Cyr Drilling Ltd of Winnipeg, Manitoba to drill NQ sized core and a dozer was used to construct drill pads and access trails. Geological support was contracted to Mincord Exploration Ltd of Vancouver, BC. Drill collar locations were measured by GPS on UTM Nad83 projection, Zone 10.

The diamond drilling program being described in this report, conducted from 4 to 13 December 2008, consisted of: drilling two holes (WJ-08-97 and 97a) totaling 431.9 metres in the recently discovered Southeast Zone. The program was supervised and

the core was logged by Bruce Laird P Geo, of Grand Forks, BC and was split and sampled by R Balmer, R Windeler, J MacLeod, and M Kozenko of Horsefly BC.

### **Sample Handling and Preparation**

Handling of core prior to sampling consisted of the project geologist or drillers representatives delivering the core from the drill sites to a secure rented logging facility owned by Gary Clark and located at 3062 Boswell St, Horsefly, BC. The core was then logged, split, and stored on premises. All core handling was done by or under the supervision of the project geologist or representatives of Cyr Drilling. 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.

A total of 49 intervals from the 139.3 metres of core obtained were split into halves using a conventional manual core splitter, one half placed into sequentially numbered and tagged plastic sample bags and closed using plastic strap closures. The remaining drill core half was left in labeled core boxes at the core logging facility. Samples were selected at approximately 2 to 3 metre downhole (dh) intervals or less depending on geology and mineralization. Sample bags were placed into larger rice sacks were driven by the geological crew or Cariboo Freightways to Williams Lake where the sacks were shipped directly to the lab via Van-Kam Freightways.

Analytical standards obtained from Canadian Resource Labs were inserted into the sample sequence at a ratio of approximately one every thirty samples.

The intervals were deemed adequate given the broad extent of mineralization demonstrated from historic drilling. 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 to Acme Analytical Laboratories Ltd. (Acme) for analyses. Acme, fully accredited under ISO 9002, is located at 852 East Hastings St., Vancouver, BC. Preparation and analyses of samples at the lab are included in Appendix II and are summarized below:

Type	Method Code	Procedure
Core prep	R150	crush (4 kg to -10 mesh (70%), split, pulverize 250 g to -150 mesh (95%).
30-element ICP	1D	50 g sample split leached with 3 ml aqua regia (2-2-2 HCl-HNO <sub>3</sub> -H <sub>2</sub> O) at 95°C for 1 hour, diluted to 10 ml, analyzed by ICP-ES for 35 element suite.
Fire Assay (Au)	3B	30 g sample analyzed by FA/ICP for Au.
Cu Analyses (> 10000 ppm)	7AR	1 g sample split leached with 2-2-2 HCl-HNO <sub>3</sub> -H <sub>2</sub> O, diluted to 100 ml, analyzed by ICP-ES for Au + Cu

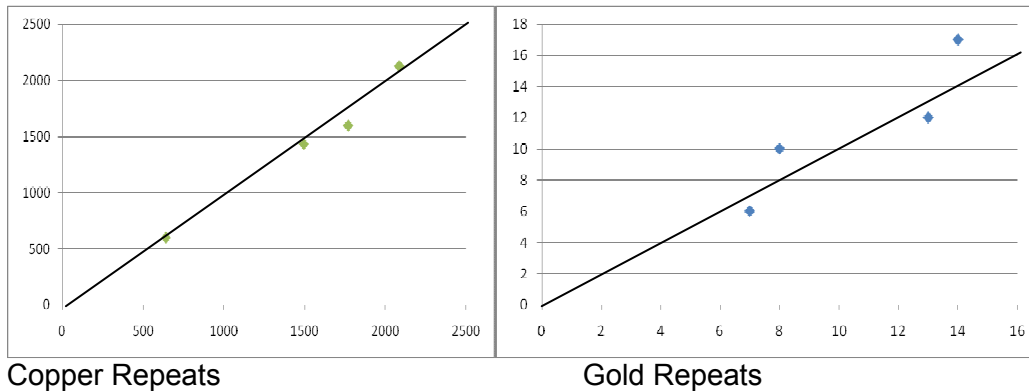
**Table 4: Sample Preparation and Analyses (Acme)**

## QA/QC

Samples were sent to Acme Analytical Laboratories Ltd (Acme). Acme performs routine check analyses during sample runs including in-house standards and duplicates. Two prepared standard were introduced into the sample stream during logging on site at approximately one every thirty samples. The following table describes the frequency of sample repeats and standards:

Lab	# Sample Intervals	Repeats		Standards	
		Au	Cu	Au	Cu
Acme Labs	49	4	4	7	8

**Table 5: Sample Checks Frequency**



**Figure 4: Sample Analyses Repeatability**

Sample repeatability for gold and copper were found to be acceptable. Standards were analyzed and averaged within 97.3% repeatability in copper analyses and 98.9% repeatability in gold analyses.

## Results

A plan map showing drillhole locations relative to previous drilling is presented on Figure 5. A cross-section of drilling, showing Cu-Au-Mo grade histograms for hole WJ08-97 is presented on Figure 6. Logged descriptions of diamond drill core and accompanying analytical results are presented in Appendix I. Analytical certificates are located in Appendix II. Reclamation, including limbing and bucking of fallen timber, was completed by R Windeler and M Kozenko.

### Capsule Drill Hole Descriptions

#### WJ08-97a – Southeast Zone

Location 613669E, 5788250N Nad83 Zn 10

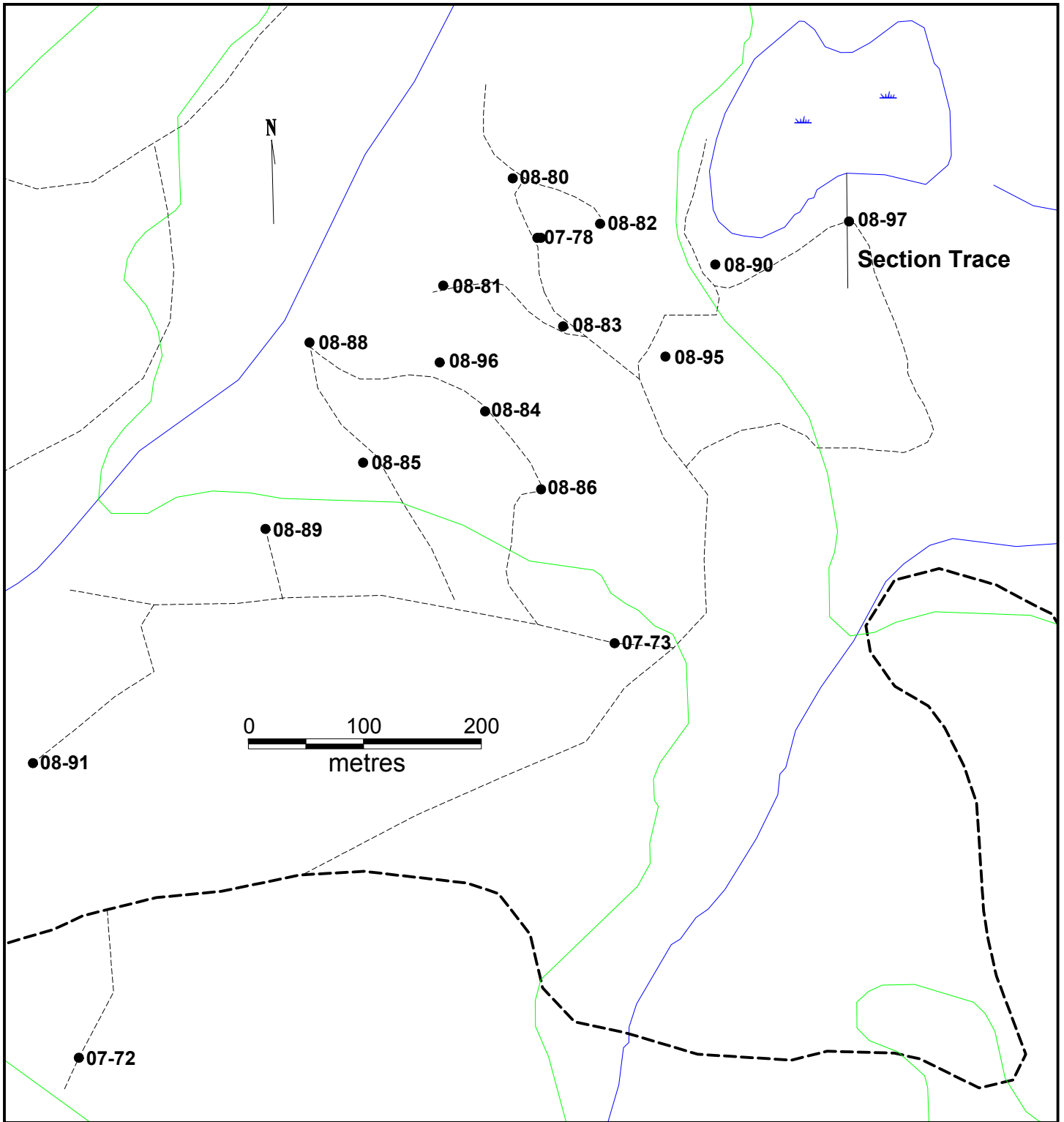
Elevation 994m

Azimuth 0

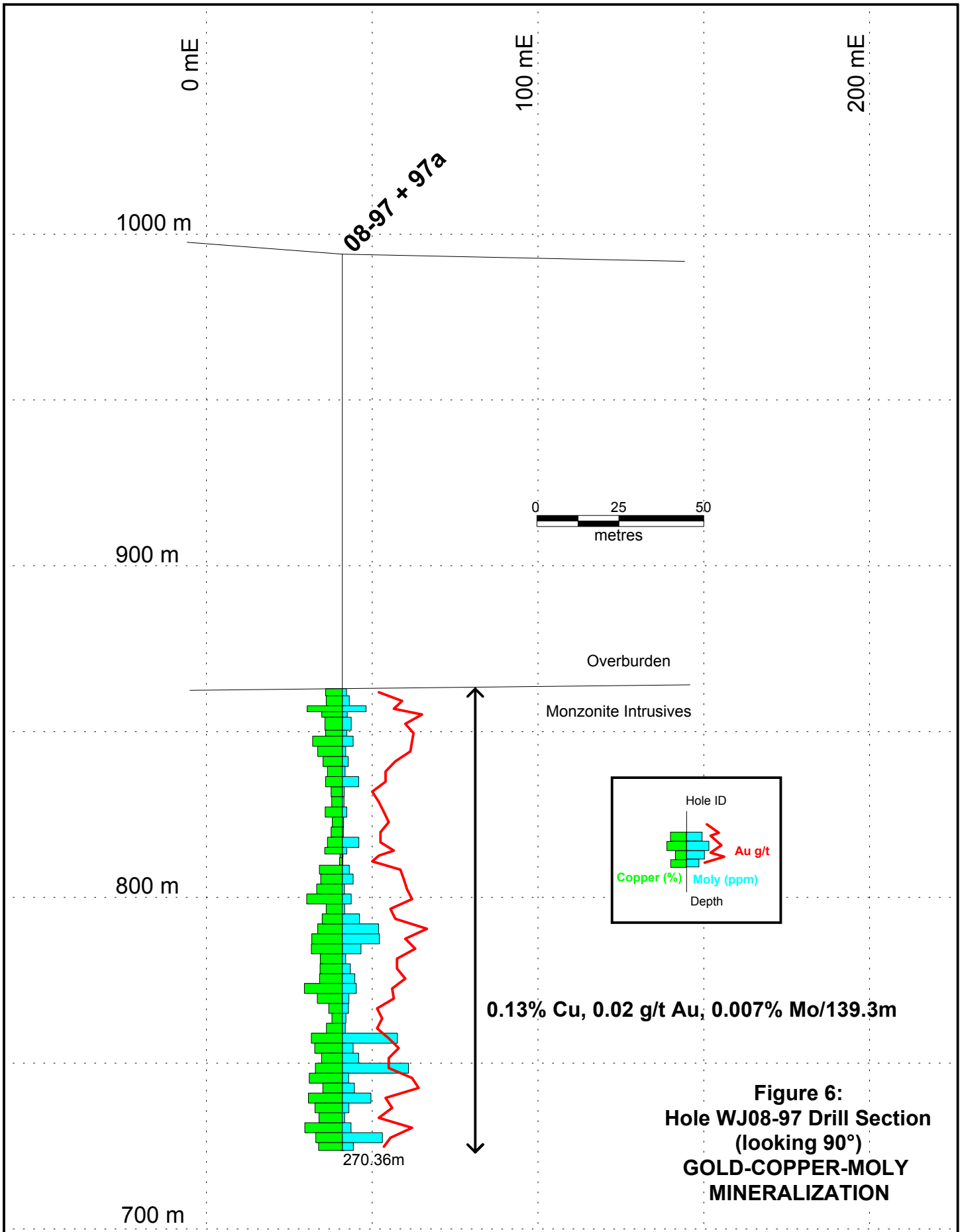
Dip -90

Depth 161.5m

Description: The hole was lost while still in overburden.



**Figure 5:**  
**Southeast Zone Plan View**  
**DRILLHOLE LOCATION MAP**



### **WJ08-97** – Southeast Zone

Location 613672E, 5788254N Nad83 Zn 10

Elevation 994m

Azimuth 0

Dip -90

Depth 270.4m

Description: WJ08-97, the last hole drilled in the 2008 drilling season, was drilled to test the north-eastern portion of the Southeast zone chargeability anomaly. The hole was collared on a constructed trail to facilitate access. Overburden depth was 131.06 metres. Strongly potassic altered quartz monzonite occurred from bedrock surface to the bottom of the hole. There appears to be a later quartz sericite chlorite overprint. Pyrite occurs as local quartz pyrite veins (0.01 mm). Chalcopyrite (0.3%) occurs as fine disseminations commonly associated with the alteration of mafics and within fine quartz carbonate ± gypsum veins and as dry fracture coatings. The veins commonly have narrow K feldspar envelopes and molybdenum selvages. The hole averaged 0.13% Cu, 0.02 g/t Au and 0.007% Mo over its entire 139.3 metres of core.

## **6.0 INTERPRETATION AND CONCLUSIONS**

Results from the 2007 and subsequent 2008 drilling of the Southeast Zone indicate a large porphyry copper-gold-molybdenum system. Large areas of higher chargeability with coincidental low resistivity define the mineralized zones on the property discovered to date.

The increase in copper-molybdenum grade with decreasing pyrite suggests mineral zonation of a large porphyry system. Additional drilling is needed to expand the Southeast Zone and further test the large chargeability anomaly.

## **7.0 RECOMMENDATIONS**

The following exploration programs are recommended for the Woodjam Project as financing becomes available.

- Additional drill testing on the Takom, Deerhorn, and Megabuck East Zones.
- Additional drill testing of the Southeast Zone to define the lateral size potential and any higher grade pockets.
- Combined Induced Polarization Chargeability / Resistivity and Magnetics surveys over additional prospective areas within the property.
- A Titan 24 deep penetrating survey to ascertain relationships between the individual mineralized zones.

## 8.0 STATEMENT OF EXPENDITURES

Item	Company	Amount
Drilling	Cyr Drilling	83,504.45
Geological Support	Mincord Geological Ltd	13,630.00
Supplies/Rentals		5,891.41
Analytical-Acme Analytical Lab Ltd	49 samples @ \$34.14ea	1,672.86
Shipping		484.85
Compilation and Report Writing		3,500.00
<b>Total</b>		<b>108,683.57</b>

### Detailed Expenditures

Geological Support	Description	Days	Rate	Total
B. Laird	Project Geologist	9.5	680	6,460
R. Balmer	Helper	10.5	310	3,255
R. Windeler	Helper	4	290	1,160
J. MacLeod	Helper	9.5	290	2,755
<b>Subtotal</b>				<b>13,630</b>

Supplies/Rentals	Days	Rate	Total
Core Splitter	8	10	80.00
Satellite Dish	10	8	80.00
Sat Phone	1	20	20.00
Truck	13.5	80	1,080.00
Chainsaw	2	25	50.00
Core Facility Rental	1 mo	350	350.00
Travel			1,203.31
Supplies			859.64
Communication			122.62
Food			1,235.84
Accommodation			810.00
<b>Subtotal</b>			<b>5,891.41</b>

### Reclamation Expenditures

Item	Company	Amount
Reclamation - Windeler/Kosenko	2 days each	1,200.00
Rentals – Truck/chainsaws/fuel	2 days	160.00
<b>Total</b>		<b>1,360.00</b>

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## 10.0 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 at 6549 Portland Street, Burnaby, BC, Canada, V5E 1A1.
- 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 22 years since my graduation from university.
- e. I am responsible for the preparation of the report titled " TECHNICAL REPORT including Diamond Drilling on the WOODJAM PROPERTY" and dated 16 February 2008 relating to drilling on the Woodjam Property. I visited the Woodjam Property on numerous times since 2001 and represent Fjordland as the Exploration Manager.
- f. I was not involved in any of the historic work programs on the Woodjam Property prior to Fjordland's involvement, however, I have been involved in all aspects of Fjordland's exploration activities on the Property since 2001.
- g. 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.

Dated this 16<sup>th</sup> day of February 2009.

**"Lawrence John Peters"**

**APPENDIX A –  
DIAMOND DRILL LOG – Hole 08-97**

Hole # WJ08-97				Loc Method: GPS NAD 83			dip tests													
Property: Woodjam				UTM E 613373			depth (m)	dip	az	Start Date: November 4, 2008										
Depth (m): 270.36				UTM N 5788254			270.36	-89	N/A	Completion: November 9, 2008										
Core Size: NQ				Azimuth: N/A						Logged By: B. Laird										
Drilled by: Cyr Drilling International Ltd				Inclination: -90						Date logged: November 2008										
NOTES:				Elevation: 994m																
depth (m)		description		sample #	from	to	interval	rec	litho	qtz veins	alt 1	alt 2	Py	Cp	Mg		Cu	Au	Mo	
from	to				m	m	m	%		%			%	%	%		ppm	ppb	ppm	
0.00	131.06	Casing																		
131.06	180.90	Quartz Monzonite - coarse grained, pink feldspar phenos in clay/sericite altered matrix, chlorite-magnetite altered mafics with local quartz pyrite veins (1/10m) with trace Cp. 0.3% Cp occurs as fine hairline veinlets.		418992	131.06	133.20	2.14	100	qm2	0.2	ser	cly	0.5	0.3	2		1012	7	25	
				418993	133.20	136.25	3.05										977	21	42	
				418994	136.25	138.00	1.75										2124	16	143	
				418995	138.00	139.70	1.70										1240	33	29	
		137.7 - 143.6m - core box was spilt		418996	139.70	143.60	3.90										1052	23	54	
				418997	143.60	145.38	1.78										1008	28	26	
				418998	145.38	148.43	3.05										1789	27	65	
				418999	148.43	151.48	3.05										1485	26	20	
		151.5 - 160m - increase in clay, soft core		419000	151.48	154.53	3.05										1161	17	36	
		157 - 162m - clay gouge with graphitic seams		419801	154.53	157.58	3.05										901	11	16	
				419802	157.58	160.62	3.04										1006	11	98	
				419803	160.62	163.67	3.05										679	3	11	
				419804	163.67	166.72	3.05										644	7	10	
		166.7 - 172m - local graphitic seams to 2mm		419805	166.72	169.77	3.05										1044	10	27	
		172 - 180.9m - increase in pink alteration with chlorite, trace Mo on fractures and slight increase in Cp		419806	169.77	172.82	3.05	100	qm2	0.2	ksp	chl	0.5	0.4	0.5		598	13	8	
				419807	172.82	175.86	3.04										686	8	6	
				419808	175.86	178.91	3.05										893	8	99	
				419809	178.91	180.90	1.99										1064	16	27	
180.90	184.30	Basaltic Dyke - upper contact at 50 degrees to CA		419810	180.90	182.00	1.10	100	bas								146	7	3	
				419811	standard												4232	662	27	

			419812	182.00	184.30	2.30											171	3	2
184.30	270.36	Quartz Monzonite - coarse grained, pink feldspar phenos in clay/sericite altered matrix, chlorite-magnetite altered mafics with local quartz pyrite veins (1/10m) with trace Cp. 0.3% Cp occurs as fine hairline veinlets.	419813	184.30	187.00	2.70	100	qm2	0.2	ser	cly	0.5	0.3	2			1379	20	42
		184.3 - 187m - stronger pink alteration and clay/chlorite in footwall to dyke	419814	187.00	190.00	3.00											1300	22	65
			419815	190.00	193.00	3.00											1549	24	12
			419816	193.00	196.00	3.00											2154	27	54
			419817	196.00	199.00	3.00											980	14	14
		199.5 - 212m - graphitic fractures +/- Mo at 20 degrees to CA	419818	199.00	202.00	3.00											1212	17	103
			419819	202.00	205.00	3.00											1485	36	219
			419820	205.00	208.00	3.00											1847	23	223
			419821	208.00	211.00	3.00											1864	29	112
			419822	211.00	214.00	3.00											1328	18	20
			419823	214.00	217.00	3.00											1346	18	49
		217 - 218m - 1cm carbonate/epidote vein 20 degrees to CA	419824	217.00	220.00	3.00											1369	23	75
		222.5m - 40cm clay crush zone	419825	220.00	223.00	3.00											2293	15	84
			419826	223.00	226.00	3.00											1510	16	39
			419827	226.00	229.00	3.00											826	6	37
			419828	229.00	232.00	3.00											633	9	22
			419829	232.00	235.00	3.00											963	6	18
			419830	235.00	238.00	3.00											1872	13	332
			419831	standard													4257	579	31
		238 - 241.6m - soft clay alteration, crush zone	419832	238.00	241.00	3.00											1661	19	65
		241.6 - 244.3m - bleached footwall to crush zone, local Mo veinlets	419833	241.00	244.00	3.00											1261	13	98
		246.5m - 5cm quartz Py vein with trace Cp, Mo	419834	244.00	247.00	3.00											1628	13	399
		249.7 - 252m - increased ksp alteration with 1cm epidote vein subparallel to CA, alteration may only be envelope to vein?	419835	247.00	250.00	3.00											2002	27	38
			419836	250.00	253.00	3.00											1177	31	73
		255 - 270.36m - fresh looking salt and pepper quartz monzonite with up to 0.3% Cp as fine grain fracture coatings and associated with mafics,	419837	253.00	256.00	3.00											2043	11	173
			419838	256.00	259.00	3.00											1648	15	40
			419839	259.00	262.00	3.00											1413	7	14
		264.26m - rare bornite	419840	262.00	265.00	3.00											2268	27	52
			419841	265.00	268.00	3.00											1595	14	242
		270.36m EOH	419842	268.00	270.36	2.36											1431	10	66

**2008 Woodjam Drilling Results**  
**Hole 08-97**

Hole ID	From	To	Interval	Sample #	Cu %	Au g/t	Mo %	Cu %	Au g/t	Mo %	Interval
08-97	131.06	133.20	2.14	418992	0.101	0.007	0.0025				
08-97	133.20	136.25	3.05	418993	0.098	0.021	0.0042				
08-97	136.25	138.00	1.75	418994	0.212	0.016	0.0143				
08-97	138.00	139.70	1.70	418995	0.124	0.033	0.0029				
08-97	139.70	143.60	3.90	418996	0.105	0.023	0.0054				
08-97	143.60	145.38	1.78	418997	0.101	0.028	0.0026				
08-97	145.38	148.43	3.05	418998	0.179	0.027	0.0065				
08-97	148.43	151.48	3.05	418999	0.149	0.026	0.002				
08-97	151.48	154.53	3.05	419000	0.116	0.017	0.0036				
08-97	154.53	157.58	3.05	419801	0.090	0.011	0.0016				
08-97	157.58	160.62	3.04	419802	0.101	0.011	0.0098				
08-97	160.62	163.67	3.05	419803	0.068	0.003	0.0011				
08-97	163.67	166.72	3.05	419804	0.064	0.007	0.001				
08-97	166.72	169.77	3.05	419805	0.104	0.010	0.0027				
08-97	169.77	172.82	3.05	419806	0.060	0.013	0.0008				
08-97	172.82	175.86	3.04	419807	0.069	0.008	0.0006				
08-97	175.86	178.91	3.05	419808	0.089	0.008	0.0099				
08-97	178.91	180.90	1.99	419809	0.106	0.016	0.0027				
08-97	180.90	182.00	1.10	419810	0.015	0.007	0.0003				
08-97	182.00	184.30	2.30	419812	0.017	0.003	0.0002				
08-97	184.30	187.00	2.70	419813	0.138	0.020	0.0042				
08-97	187.00	190.00	3.00	419814	0.130	0.022	0.0065				
08-97	190.00	193.00	3.00	419815	0.155	0.024	0.0012				
08-97	193.00	196.00	3.00	419816	0.215	0.027	0.0054				
08-97	196.00	199.00	3.00	419817	0.098	0.014	0.0014				
08-97	199.00	202.00	3.00	419818	0.121	0.017	0.0103				
08-97	202.00	205.00	3.00	419819	0.149	0.036	0.0219				
08-97	205.00	208.00	3.00	419820	0.185	0.023	0.0223				
08-97	208.00	211.00	3.00	419821	0.186	0.029	0.0112				
08-97	211.00	214.00	3.00	419822	0.133	0.018	0.002				
08-97	214.00	217.00	3.00	419823	0.135	0.018	0.0049				
08-97	217.00	220.00	3.00	419824	0.137	0.023	0.0075				
08-97	220.00	223.00	3.00	419825	0.229	0.015	0.0084				
08-97	223.00	226.00	3.00	419826	0.151	0.016	0.0039				
08-97	226.00	229.00	3.00	419827	0.083	0.006	0.0037				
08-97	229.00	232.00	3.00	419828	0.063	0.009	0.0022				
08-97	232.00	235.00	3.00	419829	0.096	0.006	0.0018				
08-97	235.00	238.00	3.00	419830	0.187	0.013	0.0332				
08-97	238.00	241.00	3.00	419832	0.166	0.019	0.0065				
08-97	241.00	244.00	3.00	419833	0.126	0.013	0.0098				
08-97	244.00	247.00	3.00	419834	0.163	0.013	0.0399				
08-97	247.00	250.00	3.00	419835	0.200	0.027	0.0038				
08-97	250.00	253.00	3.00	419836	0.118	0.031	0.0073				
08-97	253.00	256.00	3.00	419837	0.204	0.011	0.0173				
08-97	256.00	259.00	3.00	419838	0.165	0.015	0.004				
08-97	259.00	262.00	3.00	419839	0.141	0.007	0.0014				
08-97	262.00	265.00	3.00	419840	0.227	0.027	0.0052				
08-97	265.00	268.00	3.00	419841	0.160	0.014	0.0242				
08-97	268.00	270.36	2.36	419842	0.143	0.010	0.0066	<b>0.13</b>	<b>0.02</b>	<b>0.007</b>	<b>139.30</b>

**APPENDIX B –  
ANALYTICAL CERTIFICATES**



ACME ANALYTICAL LABORATORIES LTD.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

[www.acmelab.com](http://www.acmelab.com)

Client:

**Fjordland Exploration Inc.**

510 - 510 Burrard St.  
Vancouver BC V6C 3A8 Canada

Submitted By:

Tom Schroeter

Receiving Lab:

Canada-Vancouver

Received:

November 14, 2008

Report Date:

November 29, 2008

Page:

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## CERTIFICATE OF ANALYSIS

VAN08010982.1

### CLIENT JOB INFORMATION

Project: WOODJAM  
Shipment ID:  
P.O. Number  
Number of Samples: 51

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Fjordland Exploration Inc.  
510 - 510 Burrard St.  
Vancouver BC V6C 3A8  
Canada

CC: B. Laird  
Bill Morton  
G. Garratt  
Vic Tanaka

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	49	Crush split and pulverize drill core to 150mesh		
3B	51	Fire assay fusion Au by ICP-ES	30	Completed
1D	51	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

“\*\*” asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

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Vancouver BC V6C 3A8 Canada

Project:

WOODJAM

Report Date:

November 29, 2008

Page:

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Part 1

# CERTIFICATE OF ANALYSIS

VAN08010982.1

Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
418992	Drill Core	3.37	7	25	1012	8	79	<0.3	3	6	339	1.57	<2	<8	<2	<2	44	<0.5	<3	<3	32
418993	Drill Core	6.41	21	42	977	3	30	<0.3	3	10	315	1.78	3	<8	<2	2	48	<0.5	<3	3	33
418994	Drill Core	4.29	16	143	2124	<3	22	0.8	3	13	325	2.08	<2	<8	<2	4	76	<0.5	<3	3	40
418995	Drill Core	4.01	33	29	1240	<3	22	0.4	3	7	295	1.93	3	<8	<2	3	67	<0.5	<3	<3	41
418996	Drill Core	8.53	23	54	1052	11	40	0.4	2	7	306	1.44	6	<8	<2	3	79	<0.5	<3	4	24
418997	Drill Core	4.03	28	26	1008	<3	32	<0.3	2	6	290	1.77	<2	<8	<2	<2	69	<0.5	<3	<3	40
418998	Drill Core	6.89	27	65	1789	<3	31	0.7	3	9	364	1.94	<2	<8	<2	<2	53	<0.5	<3	3	40
418999	Drill Core	6.84	26	20	1485	3	31	0.7	3	6	358	1.77	<2	<8	<2	3	71	<0.5	<3	<3	39
419000	Drill Core	6.66	17	36	1161	5	33	0.6	2	6	511	1.66	3	<8	<2	<2	93	<0.5	<3	<3	35
419801	Drill Core	6.37	11	16	901	<3	46	0.3	3	7	504	1.74	4	<8	<2	2	85	<0.5	<3	<3	38
419802	Drill Core	5.86	11	98	1006	<3	49	0.5	3	7	516	1.80	4	<8	<2	3	88	<0.5	<3	<3	31
419803	Drill Core	7.03	3	11	679	<3	49	<0.3	2	5	468	1.89	<2	<8	<2	3	51	<0.5	<3	<3	41
419804	Drill Core	5.65	7	10	644	<3	49	<0.3	2	4	529	1.68	3	<8	<2	3	67	<0.5	<3	<3	37
419805	Drill Core	6.67	10	27	1044	<3	54	1.7	3	7	472	1.93	30	<8	<2	4	54	<0.5	4	<3	40
419806	Drill Core	6.81	13	8	598	<3	37	<0.3	2	5	423	1.92	2	<8	<2	3	39	<0.5	<3	<3	44
419807	Drill Core	6.73	8	6	686	<3	44	0.5	2	5	416	1.58	3	<8	<2	4	52	<0.5	<3	<3	36
419808	Drill Core	6.11	8	99	893	<3	34	0.4	2	5	418	1.56	<2	<8	<2	4	54	<0.5	<3	<3	36
419809	Drill Core	4.21	16	27	1064	3	43	0.5	3	7	488	2.04	5	<8	<2	2	39	<0.5	<3	<3	49
419810	Drill Core	2.55	7	3	146	<3	96	<0.3	18	24	1882	6.33	25	<8	<2	<2	71	1.2	<3	<3	209
419811	Rock Pulp	0.06	662	27	4232	25	173	2.3	18	16	750	4.93	60	<8	<2	<2	128	2.5	5	<3	73
419812	Drill Core	5.59	3	2	171	4	116	0.4	19	26	1910	6.99	30	<8	<2	<2	80	0.9	<3	<3	240
419813	Drill Core	5.95	20	42	1379	8	65	0.8	4	8	697	2.12	16	<8	<2	3	60	<0.5	<3	<3	51
419814	Drill Core	6.27	22	65	1300	9	75	0.3	2	6	426	1.84	<2	<8	<2	3	31	<0.5	<3	<3	43
419815	Drill Core	7.10	24	12	1549	15	94	0.7	2	6	382	1.82	3	<8	<2	4	33	<0.5	<3	<3	41
419816	Drill Core	7.57	27	54	2154	6	58	0.8	3	6	398	1.88	<2	<8	<2	<2	34	<0.5	<3	<3	42
419817	Drill Core	7.81	14	14	980	3	41	0.7	3	7	430	1.80	<2	<8	<2	2	35	<0.5	<3	<3	43
419818	Drill Core	7.50	17	103	1212	<3	77	0.4	3	7	378	1.94	<2	<8	<2	2	45	<0.5	<3	<3	41
419819	Drill Core	7.46	36	219	1485	5	35	0.8	3	6	336	2.00	<2	<8	<2	3	58	<0.5	<3	<3	47
419820	Drill Core	7.16	23	223	1847	<3	25	0.9	3	6	286	1.93	<2	<8	<2	2	111	<0.5	<3	<3	46
419821	Drill Core	7.62	29	112	1864	6	960	0.9	3	7	314	1.58	<2	<8	<2	2	75	4.5	<3	<3	34

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

ACME ANALYTICAL LABORATORIES LTD.

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Client:

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 Vancouver BC V6C 3A8 Canada

Project:

WOODJAM

Report Date:

November 29, 2008

Page:

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Part 2

CERTIFICATE OF ANALYSIS

VAN08010982.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
418992	Drill Core	0.96	0.038	8	6	0.39	82	0.01	<20	0.49	0.04	0.06	<2
418993	Drill Core	1.00	0.038	7	3	0.36	48	<0.01	<20	0.49	0.05	0.09	3
418994	Drill Core	1.20	0.039	9	4	0.43	104	0.03	<20	0.61	0.05	0.16	3
418995	Drill Core	1.10	0.039	7	4	0.36	44	0.02	<20	0.59	0.05	0.12	3
418996	Drill Core	1.18	0.037	7	2	0.26	31	<0.01	<20	0.43	0.04	0.06	3
418997	Drill Core	1.29	0.040	7	4	0.30	36	0.01	<20	0.60	0.05	0.08	4
418998	Drill Core	1.28	0.039	6	6	0.40	34	0.02	<20	0.57	0.05	0.09	9
418999	Drill Core	1.35	0.039	6	4	0.38	32	0.01	<20	0.61	0.04	0.09	4
419000	Drill Core	2.01	0.036	7	3	0.39	21	<0.01	<20	0.66	0.05	0.07	3
419801	Drill Core	1.83	0.042	8	3	0.42	28	<0.01	<20	0.68	0.05	0.07	<2
419802	Drill Core	2.02	0.036	8	4	0.38	25	<0.01	<20	0.82	0.05	0.10	2
419803	Drill Core	1.30	0.041	7	4	0.48	25	<0.01	<20	0.72	0.05	0.08	2
419804	Drill Core	1.82	0.042	8	4	0.41	27	<0.01	<20	0.76	0.05	0.11	<2
419805	Drill Core	1.44	0.044	7	3	0.54	49	<0.01	<20	0.82	0.04	0.11	3
419806	Drill Core	1.10	0.041	6	4	0.48	45	0.02	<20	0.61	0.05	0.09	5
419807	Drill Core	1.23	0.036	7	3	0.48	51	<0.01	<20	0.65	0.04	0.07	<2
419808	Drill Core	1.40	0.037	7	3	0.44	91	<0.01	<20	0.61	0.04	0.07	4
419809	Drill Core	1.27	0.044	7	5	0.53	54	0.01	<20	0.66	0.05	0.08	6
419810	Drill Core	4.40	0.123	11	18	2.46	47	0.08	<20	2.26	0.04	0.09	<2
419811	Rock Pulp	3.87	0.103	8	22	1.23	233	<0.01	<20	1.24	0.07	0.19	2
419812	Drill Core	3.95	0.128	12	20	2.62	72	0.04	<20	2.30	0.04	0.07	2
419813	Drill Core	1.94	0.047	8	5	0.60	79	<0.01	<20	0.78	0.04	0.07	4
419814	Drill Core	1.16	0.042	7	4	0.43	61	0.01	<20	0.54	0.05	0.08	14
419815	Drill Core	1.11	0.041	7	5	0.51	40	<0.01	<20	0.62	0.05	0.07	11
419816	Drill Core	1.23	0.042	7	4	0.50	39	<0.01	<20	0.66	0.04	0.07	6
419817	Drill Core	1.41	0.045	7	5	0.43	42	<0.01	<20	0.60	0.05	0.08	4
419818	Drill Core	1.17	0.043	7	4	0.44	34	<0.01	<20	0.66	0.04	0.07	7
419819	Drill Core	1.03	0.043	6	4	0.50	56	0.02	<20	0.66	0.05	0.09	19
419820	Drill Core	1.07	0.043	6	4	0.49	53	0.02	<20	0.72	0.06	0.09	7
419821	Drill Core	1.42	0.040	6	3	0.41	131	0.01	<20	0.58	0.05	0.08	2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

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Client: Fjordland Exploration Inc.

510 - 510 Burrard St.  
 Vancouver BC V6C 3A8 Canada

Project: WOODJAM

Report Date: November 29, 2008

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN08010982.1

Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
419822	Drill Core	7.29	18	20	1328	8	41	0.6	2	7	332	1.95	<2	<8	<2	<2	43	<0.5	<3	<3	41
419823	Drill Core	7.63	18	49	1346	8	50	0.7	2	6	392	1.72	3	<8	<2	3	53	<0.5	<3	<3	33
419824	Drill Core	6.83	23	75	1369	15	1994	0.9	4	7	417	1.71	5	<8	<2	4	38	8.5	<3	<3	37
419825	Drill Core	6.95	15	84	2293	7	43	1.0	4	6	349	1.90	2	<8	<2	4	76	<0.5	<3	<3	43
419826	Drill Core	7.06	16	39	1510	<3	48	0.9	4	8	458	2.25	3	<8	<2	3	64	<0.5	<3	5	47
419827	Drill Core	6.59	6	37	826	<3	38	0.5	3	5	444	2.10	2	<8	<2	4	55	<0.5	<3	<3	52
419828	Drill Core	6.50	9	22	633	3	28	0.3	3	5	286	2.11	3	<8	<2	5	73	<0.5	<3	<3	54
419829	Drill Core	6.73	6	18	963	<3	25	0.3	3	6	286	2.01	<2	<8	<2	5	49	<0.5	<3	<3	50
419830	Drill Core	6.64	13	332	1872	<3	41	0.8	3	5	346	1.90	3	<8	<2	3	66	<0.5	<3	<3	44
419831	Rock Pulp	0.06	579	31	4257	28	187	2.6	21	18	775	4.85	60	<8	<2	<2	124	2.8	8	4	75
419832	Drill Core	6.76	19	65	1661	6	41	1.2	3	5	445	1.73	<2	<8	<2	4	142	<0.5	<3	3	39
419833	Drill Core	6.34	13	98	1261	<3	29	0.9	2	7	365	1.79	2	<8	<2	3	595	<0.5	<3	<3	36
419834	Drill Core	7.10	13	399	1628	<3	41	0.8	3	7	364	1.94	3	<8	<2	4	177	<0.5	<3	<3	44
419835	Drill Core	6.56	27	38	2002	<3	30	0.6	2	5	248	1.83	<2	<8	<2	4	57	<0.5	<3	<3	46
419836	Drill Core	7.40	31	73	1177	<3	44	0.4	3	4	358	1.68	<2	<8	<2	<2	65	<0.5	<3	<3	42
419837	Drill Core	7.57	11	173	2043	7	53	0.8	3	8	288	1.86	3	<8	<2	3	63	<0.5	<3	<3	47
419838	Drill Core	6.98	15	40	1648	<3	24	0.7	3	7	223	2.12	<2	<8	<2	4	44	<0.5	<3	<3	57
419839	Drill Core	7.59	7	14	1413	<3	22	0.6	2	9	238	2.03	<2	<8	<2	3	49	<0.5	<3	<3	53
419840	Drill Core	7.53	27	52	2268	<3	22	0.9	3	9	293	2.16	3	<8	<2	5	41	<0.5	<3	<3	51
419841	Drill Core	7.09	14	242	1595	<3	14	0.8	3	7	191	1.92	<2	<8	<2	3	52	<0.5	<3	<3	49
419842	Drill Core	5.43	10	66	1431	4	30	0.6	2	8	283	2.09	<2	<8	<2	3	49	<0.5	<3	<3	52



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CERTIFICATE OF ANALYSIS

VAN08010982.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
419822	Drill Core	1.16	0.043	6	4	0.38	42	0.01	<20	0.56	0.05	0.08	3
419823	Drill Core	1.86	0.042	7	4	0.24	73	<0.01	<20	0.56	0.04	0.10	6
419824	Drill Core	1.99	0.041	7	5	0.28	46	<0.01	<20	0.53	0.04	0.10	15
419825	Drill Core	1.58	0.044	7	7	0.38	72	<0.01	<20	0.68	0.04	0.07	17
419826	Drill Core	1.26	0.046	7	7	0.59	71	<0.01	<20	0.86	0.05	0.08	4
419827	Drill Core	1.16	0.045	8	7	0.48	48	0.01	<20	0.75	0.05	0.08	<2
419828	Drill Core	0.90	0.044	6	7	0.40	46	0.03	<20	0.77	0.07	0.08	<2
419829	Drill Core	0.91	0.046	6	6	0.47	39	0.02	<20	0.71	0.05	0.08	7
419830	Drill Core	1.20	0.043	6	4	0.52	78	0.01	<20	0.78	0.04	0.06	19
419831	Rock Pulp	4.06	0.105	8	25	1.22	119	<0.01	<20	1.46	0.07	0.20	<2
419832	Drill Core	1.94	0.041	7	4	0.48	80	<0.01	<20	1.00	0.06	0.06	12
419833	Drill Core	1.78	0.040	6	3	0.55	62	<0.01	<20	1.57	0.12	0.04	9
419834	Drill Core	1.43	0.041	6	5	0.51	76	<0.01	<20	1.00	0.06	0.06	22
419835	Drill Core	0.72	0.042	6	7	0.50	45	0.04	<20	0.72	0.05	0.09	32
419836	Drill Core	1.03	0.046	6	7	0.60	66	0.03	<20	0.84	0.05	0.07	20
419837	Drill Core	0.68	0.046	5	6	0.58	45	0.05	<20	0.70	0.04	0.08	54
419838	Drill Core	0.47	0.044	5	8	0.53	50	0.08	<20	0.68	0.06	0.17	42
419839	Drill Core	0.52	0.046	5	7	0.52	46	0.06	<20	0.63	0.05	0.09	23
419840	Drill Core	0.57	0.046	5	7	0.53	54	0.06	<20	0.65	0.05	0.16	>100
419841	Drill Core	0.51	0.043	5	7	0.46	44	0.06	<20	0.59	0.05	0.12	29
419842	Drill Core	0.66	0.046	5	9	0.47	44	0.05	<20	0.61	0.05	0.08	29



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# QUALITY CONTROL REPORT

VAN08010982.1

Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
Pulp Duplicates																					
418994	Drill Core	4.29	16	143	2124	<3	22	0.8	3	13	325	2.08	<2	<8	<2	4	76	<0.5	<3	3	40
REP 418994	QC			146	2085	<3	22	0.7	3	13	326	2.11	2	<8	<2	3	75	<0.5	<3	6	42
419807	Drill Core	6.73	8	6	686	<3	44	0.5	2	5	416	1.58	3	<8	<2	4	52	<0.5	<3	<3	36
REP 419807	QC		10																		
419839	Drill Core	7.59	7	14	1413	<3	22	0.6	2	9	238	2.03	<2	<8	<2	3	49	<0.5	<3	<3	53
REP 419839	QC		6																		
419842	Drill Core	5.43	10	66	1431	4	30	0.6	2	8	283	2.09	<2	<8	<2	3	49	<0.5	<3	<3	52
REP 419842	QC			72	1493	<3	31	0.9	3	7	281	2.11	<2	<8	<2	3	49	<0.5	<3	<3	53
Core Reject Duplicates																					
419806	Drill Core	6.81	13	8	598	<3	37	<0.3	2	5	423	1.92	2	<8	<2	3	39	<0.5	<3	<3	44
DUP 419806	QC		12	8	642	5	38	<0.3	2	5	431	1.92	<2	<8	<2	2	38	<0.5	<3	<3	45
419841	Drill Core	7.09	14	242	1595	<3	14	0.8	3	7	191	1.92	<2	<8	<2	3	52	<0.5	<3	<3	49
DUP 419841	QC		17	253	1768	<3	15	0.7	3	8	198	2.04	<2	<8	<2	3	54	<0.5	<3	<3	53
Reference Materials																					
STD DS7	Standard			19	100	62	403	1.1	57	9	691	2.55	51	<8	<2	5	73	5.6	4	7	80
STD DS7	Standard			20	105	56	395	0.9	57	9	656	2.44	46	<8	<2	5	69	5.4	4	6	80
STD DS7	Standard			19	106	62	393	0.8	53	9	628	2.39	45	<8	<2	3	65	5.5	<3	4	79
STD DS7	Standard			20	106	58	397	0.9	50	8	638	2.43	46	<8	<2	3	67	5.1	3	8	77
STD DS7	Standard			16	104	58	387	1.0	52	9	625	2.29	42	<8	<2	3	60	5.5	5	3	77
STD DS7	Standard			17	98	59	379	0.7	51	9	629	2.21	44	<8	<2	3	60	5.5	3	4	76
STD OXE56	Standard		607																		
STD OXE56	Standard		596																		
STD OXE56	Standard		594																		
STD OXH55	Standard		1258																		
STD OXH55	Standard		1297																		
STD OXE56 Expected			611																		
STD OXH55 Expected			1282																		
STD DS7 Expected			21	109	71	411	0.9	56	10	627	2.39	48	5	0.07	4	68	6.4	6	5	86	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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# QUALITY CONTROL REPORT

VAN08010982.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
Pulp Duplicates													
418994	Drill Core	1.20	0.039	9	4	0.43	104	0.03	<20	0.61	0.05	0.16	3
REP 418994	QC	1.20	0.039	9	4	0.43	106	0.03	<20	0.64	0.05	0.16	<2
419807	Drill Core	1.23	0.036	7	3	0.48	51	<0.01	<20	0.65	0.04	0.07	<2
REP 419807	QC												
419839	Drill Core	0.52	0.046	5	7	0.52	46	0.06	<20	0.63	0.05	0.09	23
REP 419839	QC												
419842	Drill Core	0.66	0.046	5	9	0.47	44	0.05	<20	0.61	0.05	0.08	29
REP 419842	QC	0.67	0.046	5	8	0.47	44	0.05	<20	0.59	0.05	0.08	26
Core Reject Duplicates													
419806	Drill Core	1.10	0.041	6	4	0.48	45	0.02	<20	0.61	0.05	0.09	5
DUP 419806	QC	1.13	0.042	6	4	0.48	44	0.02	<20	0.64	0.05	0.09	7
419841	Drill Core	0.51	0.043	5	7	0.46	44	0.06	<20	0.59	0.05	0.12	29
DUP 419841	QC	0.51	0.046	6	10	0.48	49	0.06	<20	0.65	0.05	0.14	34
Reference Materials													
STD DS7	Standard	0.93	0.073	13	218	1.12	432	0.13	38	1.09	0.09	0.52	3
STD DS7	Standard	0.93	0.071	12	206	1.08	424	0.13	37	1.08	0.09	0.51	2
STD DS7	Standard	0.85	0.072	11	187	1.03	409	0.11	35	1.01	0.08	0.49	5
STD DS7	Standard	0.87	0.069	11	192	1.06	413	0.12	34	1.05	0.09	0.49	5
STD DS7	Standard	0.82	0.071	9	177	1.01	422	0.11	34	0.96	0.08	0.49	3
STD DS7	Standard	0.81	0.070	9	175	1.01	415	0.11	35	0.97	0.08	0.48	3
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXE56 Expected													
STD OXH55 Expected													
STD DS7 Expected		0.93	0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	4



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		WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
Prep Wash																					
G1	Prep Blank	<0.01	<2	<1	1	<3	43	<0.3	4	4	531	1.80	<2	<8	<2	3	59	<0.5	<3	3	33
G1	Prep Blank	<0.01	<2	<1	2	<3	52	<0.3	5	4	551	1.89	<2	<8	<2	3	52	<0.5	<3	<3	36



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QUALITY CONTROL REPORT

VAN08010982.1

		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
Prep Wash													
G1	Prep Blank	0.46	0.076	12	7	0.56	399	0.11	<20	0.90	0.07	0.50	<2
G1	Prep Blank	0.47	0.077	7	7	0.59	257	0.12	<20	0.94	0.07	0.54	<2