Blackstone Resources Inc.

093945

1998 DIAMOND DRILLING PROGRAM ON THE DROMEDARY PROPERTY, ACE, NORA, QUEEN, AND KING CLAIMS. September 29 to October 17, 1998

Located near Dromedary Mountain
Whitehorse Mining District
NTS 105L/15
62° 54' North Latitude
134° 45' West Longitude

-prepared for-

BLACKSTONE RESOURCES INC.
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February 1999

1998 EXPLORATION PROGRAM ON THE DROMEDARY PROPERTY

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SUMMARY

The Dromedary property is located east of the Tintina Trench in the western Selwyn Basin, 240 kilometres north of Whitehorse in the central Yukon. The property is situated on the slopes of Kalzas and Dromedary Mountains and covers a portion of the low-lying MacMillan River valley between these two mountains. The 1998 exploration program on the Dromedary Project consisted of 534.6 metres of diamond drilling in three holes in the François Grid area of the Ace and Nora Claims, northwest of Dromedary Mountain. The work was intended to follow up on earlier drilling in the area which encountered two massive sulphide horizons, with narrow widths of ore grade zinc-lead-silver mineralization and gold-enriched massive sulphides, associated with a large coincident gravity-magnetic anomaly.

The Dromedary property has been explored for SEDEX Pb-Zn mineralization intermittently since 1980. Blackstone Resources Inc. obtained an option on the project in 1996 and has evaluated the properties with systematic exploration since then. Ground geophysical surveying has defined an 8 kilometre long magnetic anomaly, with coincident gravity anomalies locally, on the poorly exposed François Grid. In 1996, Blackstone Resources Inc. conducted a five hole, 939 metre drill program to test geophysical anomalies, including four holes on François Grid. This drilling intercepted two horizons of syngenetic massive sulphide mineralization associated with a coincident magnetic-gravity anomaly on line 4000W. Results from this drilling includes 8.42%Zn, 2.43% Pb, and 29.8 g/t Ag over 2.0 metres, 5.48% Zn and 6.13% Pb, and 136.7 g/t Ag over 0.8 metres in the Upper Sulphide Zone, as well as precious metal enriched massive sulphides in the Lower Sulphide Zone, such as 1.22 g/t Au, 5.1 g/t Ag, 0.11% Zn, and 0.13% Pb over 8.6 metres.

The 1998 drill program consisted of three drill holes for a total of 534.6 metres (1754 ft.). The holes were planned to test the continuity of mineralization intersected in 1996 on Section 4000 West and investigate the source of the coincident magnetic-gravity geophysical anomaly. The first hole, FRN98-05 (Section 4000 West), was drilled to intersect the mineralized horizons down-dip from the 1996 holes, whereas the second (FRN98-06, Section 4100 West)) and third (FRN98-07, Section 3900 West) holes were drilled as 100 metre step outs to the west and east, respectively. All three holes intersected the mineralized horizons, extending the zones 200 metres in strike and 60 metres (upper horizon) and 90 metres (lower horizon) down-dip. Assay results from the 1998 drilling denote continuity of base and precious metal mineralization similar in character to the mineralization intersected in 1996. Although the overall tenor of the mineralized intervals is substantially lower, the 1998 results indicate an increase in the thickness of alteration and sulphide mineralization to the west in both mineralized zones (FRN98-06) which remain open in this direction and down-dip. The sulphide zones in FRN98-06 are characterized by extremely high magnetic susceptibility and very dense mineralogy (dominantly pyrrhotite-Fe carbonate-magnetite plus barite(?)) which explains the coincident, strong magnetic and gravity responses in this area. To date, only approximately 300 metres of the greater than 500 metre extent of this geophysical anomaly has been tested. As well, numerous other similar geophysical anomalies along the prospective stratigraphic horizon remain to be tested in the François Grid area.

Comparison with empirical models of SEDEX deposit morphology and zonation indicates that the mineralization and alteration intersected to date is likely peripheral to a major hydrothermal vent. The full extent of the coincident gravity-magnetic anomaly drilled in 1996 and 1998 should be tested for zinc-lead-silver massive sulphide mineralization. This would involve further step out holes, to the west in particular, and down dip. Systematic investigation of the other geophysical anomalies in the François Grid area should be done as the connection between these anomalies and massive sulphide mineralization is now established. This would require a large drilling program, totalling at least 3000 metres.

1.0 INTRODUCTION

The Dromedary property is situated in the western portion of the Selwyn Basin on the east side of the Tintina Trench in the central Yukon (Figure 1). The property was originally staked by Anaconda Canada Exploration Ltd. in 1980 following a regional exploration program directed towards sedimentary exhalative (SEDEX) Pb-Zn-Ag deposits. In 1996, Blackstone Resources Inc. acquired an option on the property from Gerry Carlson, who controlled the property after title transfer or options to Fleck Resources Ltd., Dromedary Exploration Company Ltd. and Energold Minerals Inc.. Blackstone subsequently entered into an option agreement with Geologix Explorations Inc. who funded an exploration program in 1997.

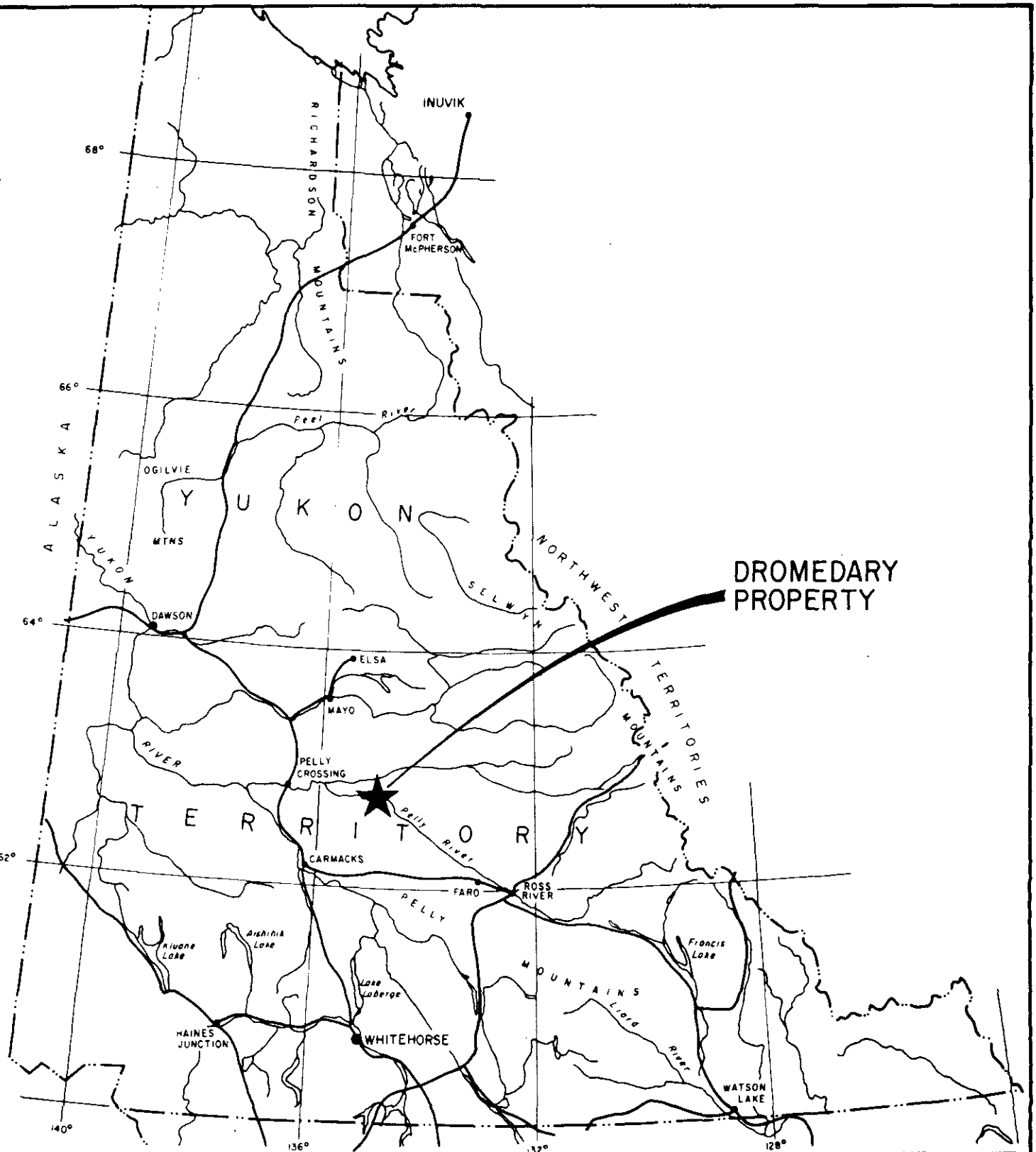
In October of 1998, Blackstone Resources Inc. conducted an exploration program of diamond drilling in the François Grid area of the Ace, Nora, Queen and King Claims group. This work was completed by Equity Engineering Ltd. and funded by Geologix under their option agreement with Blackstone Resources Inc.. Equity has also been retained to report on the results of the fieldwork.

2.0 LIST OF CLAIMS

The Dromedary property comprises two blocks of contiguous claims; one, made up of the Ace, Queen and King Claims, is located in Whitehorse Mining District (Figure 2a), and the other, comprising the DMC claims, is located in the Mayo Mining District (Figure 2b). The registered owner of the Ace, Nora 1-34 and DMC 1-36 claims is Gerry Carlson. Blackstone Resources Inc. has an option to earn a 100% interest in the Nora, Ace and DMC claims by expending $500,000 in exploration work and making stock payments totaling 200,000 shares over a three year period. The King 1-16 and Queen claims were staked after the 1996 field program, and the Nora 35 to 40, King 17-20 and DMC 37 to 155 claims were staked during the 1997 field program; those claims that fall within three kilometres of the original Ace, Nora and DMC claims become part of the property under option and those outside of three kilometres are owned 100% by Blackstone Resources Inc.. Claim data for the Dromedary Property is summarized in Table 2.0.1.

Table 2.0.1
CLAIM DATA

Claim Name	Grant Number	No. of Claims	Expiry Date*
Ace 5'	YA52059	1	May 1, 2010
Ace 7-12'	YA52061-66	6	May 1, 2010
Ace 23-28'	YA52077-82	6	May 1, 2010
Ace 39-44'	YA52093-98	6	May 1, 2010
Ace 55-60'	YA52109-14	6	May 1, 2010
Ace 69-76'	YA51442-49	8	May 1, 2010
Ace 85'	YA51458	1	May 1, 2010
Ace 87'	YA51460	1	May 1, 2010
Ace 89-92'	YA51462-65	4	May 1, 2010
Ace 105-108'	YA52127-30	4	May 1, 2010
Ace 121-122'	YA52143-44	2	May 1, 2010
Ace 123-124'	YA52145-46	2	May 1, 2006
Ace 137-140'	YA52159-62	4	May 1, 2002
Ace 153-156'	YA52175-78	4	May 1, 2002
Ace 169-172'	YA52191-94	4	May 1, 2002
Ace 277-284'	YA52335-42	8	May 1, 2010
Ace 293-300'	YA52351-58	8	May 1, 2010
Ace 309-316'	YA52367-74	8	May 1, 2010
Nora 1'	YB26763	1	May 1, 2006



BLACKSTONE RESOURCES INC.

DROMEDARY PROPERTY
PROPERTY LOCATION MAP

EQUITY	Date DEC. 1997	Scale As shown	Figure 1.
	U.T.M Zone	Mining Dist. Mayo, Whitehorse	
	N.T.S 105 L/14,15	State/Prov YUKON	

134°45'W

62° 55'N

R-36A
(SFN)

-36A
FN)

QUEEN

NORA

ACE

KING

BOUNDARY

3000

4000

4500

5000

3500

N

NATIVE LAND CLAIM WITHDRAWAL
-SELKIRK FIRST NATION

0 .5 1 2 3
KILOMETRES

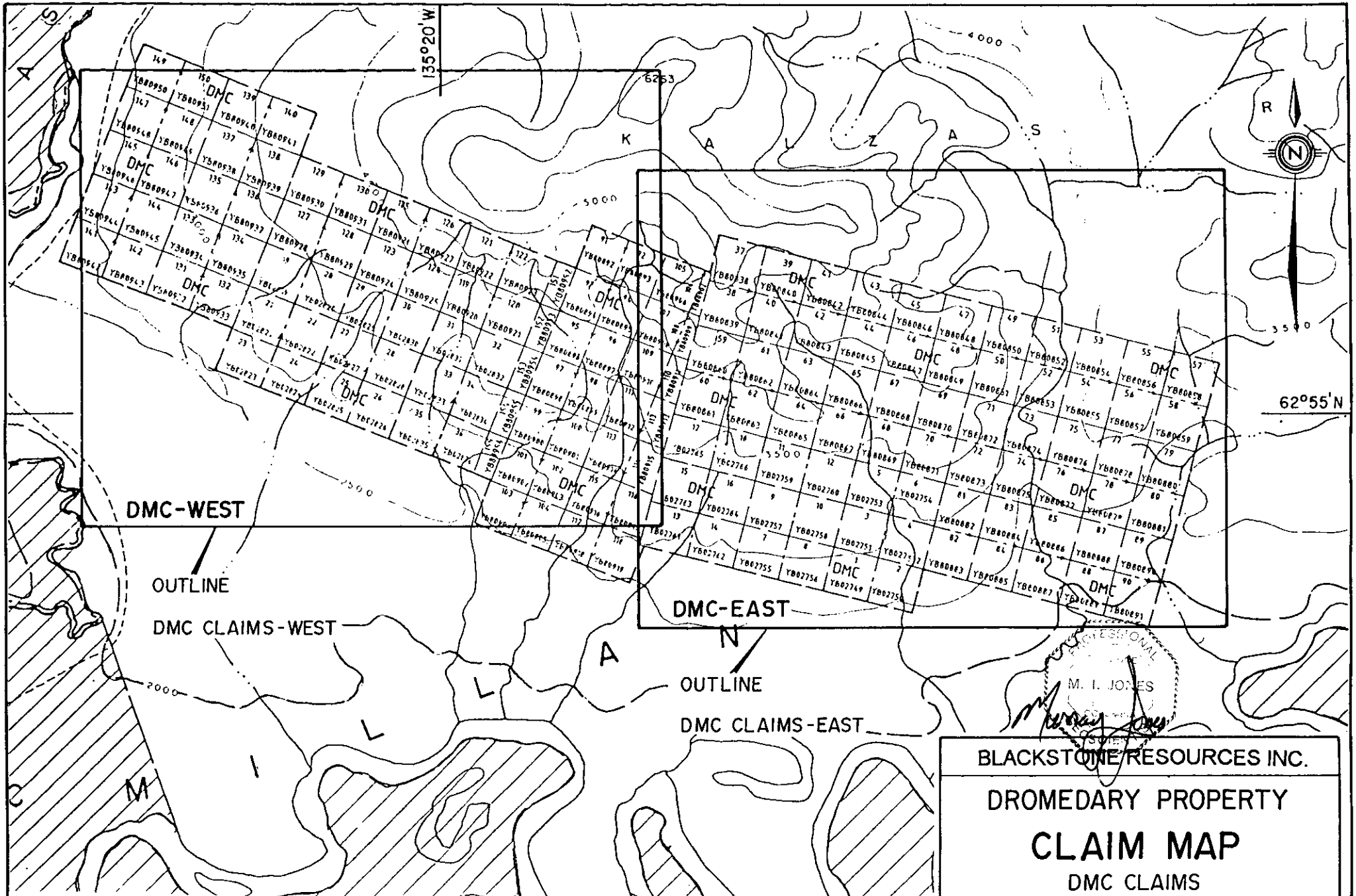
BLACKSTONE RESOURCES INC.

DROMEDARY PROPERTY

CLAIM MAP

ACE, NORA, QUEEN, KING CLAIMS

EQUITY	Date DEC. 1997	Scale As shown	Figure 2
	U.T.M. Zone	Mining Dist. Whitehorse	
	N.T.S. 105L/15	State/Prov. YUKON	



Native Land Claims Withdrawn.

0 .5 1 2 3
KILOMETRES

BLACKSTONE RESOURCES INC.

DROMEDARY PROPERTY

CLAIM MAP

DMC CLAIMS

EQUITY

Date DEC. 1997	Scale 1: 50,000	Figure	
U.T.M. Zone	Mining Dist. MAYO	2b	
N.T.S. 105L/14	State/Prov. YUKON		

Table 2.0.1, con't
CLAIM DATA

Claim Name	Grant Number	No. of Claims	Expiry Date*
Nora 2'	YB26764	1	May 1, 2010
Nora 3'	YB26765	1	May 1, 2006
Nora 4'	YB26766	1	May 1, 2010
Nora 5'	YB26767	1	May 1, 2006
Nora 6'	YB26768	1	May 1, 2010
Nora 7'	YB26769	1	May 1, 2006
Nora 8'	YB26770	1	May 1, 2010
Nora 9'	YB26771	1	May 1, 2006
Nora 10'	YB26772	1	May 1, 2010
Nora 11'	YB26773	1	May 1, 2006
Nora 12-19'	YB26774-81	8	May 1, 2010
Nora 20'	YB267782	1	May 1, 2006
Nora 21-34'	YB26783-96	14	May 1, 2010
Nora 35-40'	YC07959-64	6	January 24, 2004
DMC 1-18*	YB02749-66	18	March 31, 2002
DMC 19-36*	YB02819-36	18	March 31, 2002
DMC 37-155*	YB80838-956	119	March 30, 2003
King 1-16'	YB96649-64	16	April 9, 2002
King 17-20'	YC07965-68	4	January 24, 1999
Queen 1-46'	YB96665-710	46	April 9, 2006
		344	

'-Whitehorse Mining District
*-Mayo Mining District

* The expiry dates for the Ace, Nora, King, Queen, and DMC claims are subject to approval of assessment work covered by this report.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Dromedary property is located on the slopes of Kalzas Mountain and Dromedary Mountain, some 240 kilometres north of Whitehorse in the central Yukon (Figure 1). The center of the property is approximately equidistant from the towns of Mayo (95 km), Carmacks (115 km) and Faro (110 km). The nearest community is Pelly Crossing on the Klondike Highway, located 85 kilometres to the west. The MacMillan River separates the DMC claims from the Ace-Nora-Queen-King claims to the east; the Pelly River flows south of the project area. The area falls within the Mayo and Whitehorse Mining Districts, centred at 62° 55' north latitude and 135° 00' west longitude.

The project is located in the Yukon Plateau physiographic province on the northern side of the Tintina Valley. Topography varies in the area of the Dromedary property from nearly flat on the François Grid, to relatively rugged on Dromedary Mountain. Elevations range from below 600 metres on the François grid to over 1800 metres at the peak of Dromedary Mountain. Above treeline, at approximately 1400 metres, alpine vegetation predominates; lower elevations are covered by mixed forest of spruce, pine, alder, poplar and willow. Outcrop exposure is extensive above treeline, but becomes more scarce further down the mountain slopes and is almost nonexistent on the flats of the François Grid. Permafrost is developed in poorly drained north-facing slopes and in valley bottoms covered by thick moss.

The area has a continental climate with low levels of precipitation and a wide temperature range. Summers are typically pleasant with long daylight hours, whereas winters are long and may be extremely cold. Snow cover usually disappears by the start of June and returns by the middle of September.

The 1998 exploration program was supported by a fly-in base camp in the south-central part of the Francois Grid on the Dromedary property. Mobilization and demobilization was via the 760 metre long Clear Lake airstrip (6961600N, 491500E - UTM Zone 8) which is suitable for a Shorts Skyvan aircraft. Final mobilization to the camp and servicing of the camp was done by helicopter, supplied by Trans North Turbo Air, which was based in camp for the program. A winter road exists into the Clear Lake area from Pelly Crossing. Float-equipped aircraft access the Pelly and MacMillan Rivers as well as the many lakes in the area.

4.0 PROPERTY EXPLORATION HISTORY

The Dromedary property was acquired by Anaconda Canada Exploration Ltd. during a regional exploration program for SEDEX Pb-Zn-Ag in 1980. During the early stages of the program, massive sulphide mineralization with lead, zinc and silver values was found in an extensive gossan zone on Dromedary Mountain while following up anomalous stream sediment geochemistry. A total of 728 claims were staked by Anaconda to cover this discovery and favourable stratigraphy. There is no record of exploration having been undertaken in this area prior to the work undertaken by Anaconda. A summarized history of the property after the discovery in 1980 up to the present is as follows:

- 1981(spring): Helicopter-borne magnetometer and EM survey followed by additional claim staking.
- 1981(summer): Line-cutting, geological mapping, soil sampling, ground geophysics (MaxMin II & magnetometer) and prospecting surveys. Reconnaissance prospecting resulted in the discovery of the Cave showing on Kalzas Mountain and additional staking. Seven diamond drill holes were completed on the Dromedary Mountain showing and three more on the Dromedary Creek target, for a total of 1900 metres.
- 1982(spring): Gravity survey.
- 1982(summer): Geological mapping, soil sampling, EM, gravity and magnetometer surveys on the Ace, Bush and Clare claims. Percussion hand drill soil sampling was undertaken to test geophysical anomalies in overburden covered areas on the François Grid.
- 1984: Anaconda closes Vancouver office and ceases exploration activities in Canada.
- 1985: Fleck Resources Ltd. acquires a total of 1,436 claims from Anaconda.
- 1988: Dromedary Exploration Company Ltd. acquired the Ace and Bum claims by option agreement from Fleck Resources Ltd. and conducted claim staking along with prospecting, soil sampling, geological mapping, geophysics and trenching. Rebagliati Geological Consulting Ltd. was commissioned to conduct a review of the Dromedary Project.
- 1990: Dromedary Exploration Company Ltd. conducted 434 metres (2 holes) of diamond drilling on the Francois Grid (Ace Claims). Placer Dome Inc. examined the property, including limited assaying of drill core, and recommended a large drill program. Due to a shift away from base metal exploration, the program was not undertaken.
- 1992: Kennecott Canada Inc. examined the property and conducted a small soil sampling program on the Cave showing area, which returned encouraging results. Kennecott did not continue, likely in response to sudden changes in management and a brief policy shift away from SEDEX targets.
- 1993: Energold Minerals Inc., owner of the Clear Lake deposit, optioned the property and carried out additional mapping, hand auger geochemical sampling and some ground magnetics. Energold was not able to raise sufficient financing to carry out their proposed drilling program.
- 1996: Blackstone Resources Inc. optioned the property and conducted a diamond drilling program (939 metres in 5 holes) and mapping and rock sampling program in the DMC Claims area.
- 1997: Blackstone Resources Inc., operated a program funded by Geologix Explorations Inc., which included claim staking, gravity and magnetic geophysical surveying, rock and soil sampling, hand

trenching, geological mapping and prospecting on the Francois Grid area, the King Claims, and the DMC Claims.

The Dromedary property is located 15 kilometres north of the Clear Lake SEDEX Pb-Zn deposit. Although exploration in this area stretches back to 1965 following the discovery of the Faro orebody 80 kilometres to the south, the Clear Lake massive sulphide deposit was not discovered until 1978 by drilling. The deposit is hosted by carbonaceous argillite, siltstone, chert and tuff of the Devono-Mississippian Earn Group with geological reserves of 6.1 million tonnes grading 11.34% Zn, 2.15% Pb and 40.8 g/t Ag, using a cut-off of 7% combined Zn-Pb.

5.0 1998 EXPLORATION PROGRAM

The 1998 exploration program consisted of 534.6 metres (1754 ft.) in three diamond drill holes, FRN98-05, FRN98-06, and FRN98-07, numbered in sequence from the last drilling in the François Grid area in 1996. The diamond drilling was contracted to Falcon Drilling Ltd. of Prince George, B.C.. The drill core was flown by helicopter back to base camp where it was logged and sampled. The core was measured for core recovery, rock quality descriptor (RQD), and magnetic susceptibility before it was logged. Samples were selected from sections of interest and split on site using a standard wheel-type core splitter. Half of the core was placed in a plastic sample bag for transport to the analytical lab. The other half of the core was retained and returned to the core box for future examination. The core was dead stacked at the base camp and covered to prevent deterioration of the core boxes. A total of 163 samples of selected intervals of core were taken. The samples were shipped to Chemex Labs in North Vancouver, B.C. for multi-element analysis; specifically for gold by fire assay-atomic absorption, and 32 elements by inductively coupled plasma-atomic emission spectroscopy (ICP-AES). Barium was also determined quantitatively by X-ray Fluorescence (XRF) analysis of a pressed pellet. Results which returned greater than detection limits for lead and zinc were subsequently assayed for the overlimit element.

6.0 REGIONAL GEOLOGY

The Dromedary property is located within the Selwyn Basin terrane near the boundary with the Cassiar Platform. Reconnaissance geological mapping of the Glenlyon 1:250,000 map sheets (105L) was carried out by the Geological Survey of Canada (GSC) from 1949 to 1956 (Campbell, 1967). Anaconda mapped the property at 1:5,000 (Hall, 1983). The following discussion and Figure 3 are based on Anaconda's mapping, but in order to be consistent with the GSC mapping, Campbell's unit numbers are *used except for that of the Road River Group. The oldest units include minor exposures of* Upper Proterozoic-Cambrian 'Grit Unit' (**Unit 1**) and extensive areas of Cambro-Ordovician Kechika Group phyllite and limestone (**Unit 4**), which is time correlative with stratigraphy hosting the Anvil deposits at Faro (Figure 3). Campbell (1967) and later, Gabrielse et al (1977), assigned the phyllite and limestone to the Anvil Range Group which is Mississippian or younger in age. These rocks are presumed to be erosional windows below unconformably overlying rocks (Hall, 1983). Although not recognized by Campbell, minor exposures of Ordovician Road River Group (**Unit 9**) are exposed in a few localities. The most extensive unit on the property is the west-northwesterly trending strata of the Mississippian Earn Group (**Unit 13u**). The Earn Group includes extensive chert-pebble conglomerate of the Crystal Peak Formation (**Unit 11**), a proximal facies of turbidite fan complexes deposited in troughs developed by early to middle Paleozoic rifting. Fossiliferous limestone (**Unit 12**), unnamed middle Mississippian chert-siltstone, containing massive barite (**Unit 13**), and Permian-Triassic sandstone-shale-limestone (**Unit 10**) blanket the earlier Paleozoic strata.

Middle Cretaceous subvolcanic intrusions and volcanic rocks of the South Fork Formation (**Unit 21**) and quartz monzonite-granodiorite (**Unit 20a**) of Cretaceous (90-120 Ma) age intrude and overly the above stratigraphy. Age dates indicate that these intrusive suites may be comagmatic. Sedimentary units in *intrusive contact aureoles are metamorphosed to biotite and calc-silicate hornfels and skarn, rendering*

identification of the protolith difficult. The magnetic signature of the South Fork intrusive plugs is subdued and has an annular magnetic pattern, and is likely caused by pyrrhotite hornfels surrounding the quartz monzonite.

TABLE 6.0.1
TABLE OF FORMATIONS

Intrusive Units

Cretaceous to Tertiary

South Fork Formation

Unit 21: Hornblende plagioclase and quartz biotite porphyry, intrusive breccia

Cretaceous

Unit 20a: Granodiorite, quartz monzonite

Stratigraphic Units

Permian-Triassic

Unnamed

Unit 10: Calcareous sandstone, micaceous silty shale (with minor fossil plant remains), arenaceous limestone (rare brachiopods). This unit was assigned a Mississippian or earlier age by Campbell; conodonts collected from the property by Hall (1983) give a Triassic age.

EARN GROUP

Devonian - Mississippian

Unit 13u: Undivided, may include Units 13, 12, & 11

Unnamed

Unit 13: Chert with silty shale partings, lenses of massive barite and nodular barite, argillite and limestone.

Kalzas Formation

Unit 12: Fossiliferous limestone (abundant crinoid and spirifer brachiopods), laminated fossiliferous sandy limestone, black silty shale (brachiopods), and crinoidal quartz sandstone.

Crystal Peak Formation

Unit 11: Chert pebble conglomerate, chert lithic sandstone, interbedded siltstone-shale

ROAD RIVER GROUP

Ordovician to Silurian

Unit 9: Graptolitic, siliceous and graphitic shale, siltstone

KECHIKA GROUP

Cambrian-Ordovician

Unit 4: Calcareous muscovite phyllite and wavy banded limestone, calcareous siltstone

Lower Cambrian or Earlier

Unit 1: Quartzite, interbedded sandstone and limestone

7.0 PROPERTY GEOLOGY

The geology of the Dromedary property is dominated by the Devono-Mississippian Earn Group sedimentary rocks and Cambro-Ordovician Kechika Group sedimentary rocks that are arranged in thrust panels, which result in repetitions of the stratigraphic sequence (Figure 3). These thrust sheets are northwest-trending, dipping to the south as part of a major imbricate thrust and fold belt (Hall, 1983).

Cretaceous-aged granodiorite intrusions metamorphose and deform the sedimentary rocks in intrusive contact aureoles.

The geology in the François Grid area is not well exposed but apparently consists of at least two thrust panels of Earn Group chert, argillite and limestone of **Unit 13**, **13u**, and lesser **Unit 11** (Figure 4). These have been over thrust by limestone, siltstone and phyllite of the Kechika Group. Most of this interpretation is based on very limited outcrop exposures, as well as extrapolation from the Dromedary Mountain area (Caulfield and Weber, 1997). The limited diamond drilling done on the François Grid has generally corroborated this interpretation and has shown that stratigraphy generally dips to the southwest. It is possible that at least a portion of the stratigraphy in this area is overturned, based on interpretation of footwall-style alteration which occurs in the hanging wall to stratiform mineralization in several drill holes. Mapping, hand trenching and the drill core from within **Unit 13** on the François Grid area show a mixed section of pyritic shaley phyllite and dark chert to siliceous siltstone. Minor, fossiliferous limestone units have also been noted. Narrow beds of disseminated and wispy sulphides, primarily pyrrhotite and/or pyrite, are common in the section.

Overall, the geology in the area of the King Claims is very similar to the François Grid area (Figure 3). The same mixed section of shaley phyllite and siliceous siltstone to quartzite is present (**Unit 13**) overlain by limy, "Swiss cheese", phyllites of the Kechika Group (**Unit 4**). Fossiliferous shale of **Unit 13** with Mn-oxide staining and carbonate alteration (calcite) is also present. In general, bedrock exposure in the King Claim area is quite poor.

In the course of mapping in 1997, some evidence was found that may indicate the stratigraphy of unit 13u is older than Devono-Mississippian (Jones, 1997). Graptolites, characteristic in this area of Silurian aged Road River Group rocks, were found along a ridge top in the Kal-Cave area, well within the mapped extent of unit 13u (near line 4800E, 1750N). This fossil discovery indicates that there may be more thrust panels including Road River rocks present in this area than have been recognized, or, that unit 13u is actually older than Devono-Mississippian.

7.1 Mineralization

Mineralization on the property occurs as four types: syngenetic massive sulphides, bedded barite, skarn and quartz veining (Hall, 1983). From east to west, the mineralized areas are:

Dromedary Creek — massive pyrrhotite mineralization in close association with fossiliferous argillite.

Dromedary Mtn. — poddy, massive pyrrhotite to pyrhhotite-galena-sphalerite mineralization, with a gold signature, in argillite (Unit 13) at the contact with the overlying thrust panel of Kechika Group rocks. Skarn mineralization, weak pyrrhotite-pyrite, can be found in altered rocks of the Kechika Group, characterized by tremolite, chlorite and magnetite. Bedded barite occurs on the north slope of Dromedary Mountain within Earn Group rocks.

François Grid — massive sulphide mineralization including gold-rich pyrrhotite and laminated to massive galena -sphalerite, found in association with cherty argillite (Unit 13) in drill hole intersections over 2 kilometres of strike length. Several gossanous areas on Lone Mountain, in the western part of the François Grid, area have been investigated with the only significant mineralization being quartz-arsenopyrite-galena veining.

Kal-Cave area — stringer and foliation parallel galena-sphalerite mineralization in association with pyrite-pyrrhotite in siliceous siltstone and shaley phyllite (Unit 13u), in showings found along a 7.5 kilometre long Pb-Zn-Ag soil anomaly. Bedded barite is present in

this area associated with Earn Group rocks, in particular Crystal Peak Formation conglomerate.

8.0 DIAMOND DRILLING

Diamond drilling in 1998 was done completely in the François Grid area (Figure 4). The 1998 drill program consisted of three drill holes for a total of 534.6 metres (1754 ft.). The holes were designed to test the continuity of mineralization intersected in 1996 on Section 4000W and investigate the source of the coincident magnetic-gravity geophysical anomaly (Anomaly C, Jones, 1997). Drilling in 1996 on this anomaly intersected ore grade lead and zinc mineralization over narrow intervals including 8.42%Zn, 2.43% Pb, and 29.8 g/t Ag over 2.0 metres, 5.48% Zn and 6.13% Pb, and 136.7 g/t Ag over 0.8 metres (Upper Sulphide Zone), as well as precious metal enriched massive sulphides, such as 1.22 g/t Au, 5.1 g/t Ag, 0.11% Zn, and 0.13% Pb over 8.6 metres (Lower Sulphide Zone). The first hole, FRN98-05 (Section 4000 West), was drilled to intersect the mineralized horizons down-dip from the 1996 holes, whereas the second (FRN98-06, Section 4100 West)) and third (FRN98-07, Section 3900 West) holes were drilled as 100 metre step outs to the west and east, respectively. Highlights of the results from the 1998 drill program are found in Table 8.0.2.

Table 8.0.1.
SUMMARY OF 1998 DRILL HOLES, FRANÇOIS GRID AREA, DROMEDARY PROPERTY.

Drill Hole	Azimuth (°)	Dip (°)	Total Depth (m)	Collar Elevation	Grid Coordinates
FRN98-05	018	-65	257.20	685 m	3996W, 551S
FRN98-06	018	-45	131.83	678 m	4100W, 470S
FRN98-07	018	-45	145.54	690 m	3900W, 470S

DDH FRN98-05

Drill hole FRN98-05 was completed on the same section as the mineralized holes FRN96-02, 04, on Line 4000W (Figure 5). The hole intersected the mineralized stratigraphy with very little change in the geology from the previous holes (Caulfield and Weber, 1997). Both the Upper and Lower Sulphide Zones were observed in FRN98-05, 65 metres and 95 metres downdip, respectively. The hole collared in limy to argillaceous siltstone before encountering a graphitic, locally siliceous, argillite which is extremely conductive. The lower contact of the graphitic argillite is marked by an alteration zone in a wide section of interbedded siltstone and argillite (turbiditic?). The alteration assemblage consists primarily of pyrrhotite-chlorite-silica-calcite, identical to the two other holes on this section except that chalcopyrite does not seem to be as common in FRN98-05. Below the alteration zone is a siliceous argillite and chert unit. The chert is quite irregular in its occurrence and locally has the appearance of a strongly silicified section of argillite. Massive pyrite-pyrrhotite occurs near the bottom of the siliceous argillite which lies in a section of broken core, possibly representing a fault. The succeeding interval, to the bottom of the hole, consists of shaley argillite. This unit is different than the two upper holes on this section, both of which cut a fossiliferous limestone below the lower massive sulphide horizon.

In FRN98-05, the Upper Sulphide Zone consists of 5-8% pyrite with 2-3% sphalerite as wisps and lenses, as well as disseminations in the massive pyrite sections over about 2 metres (core length). A 5 centimetre wide massive sphalerite band crosses the core at a shallow angle within this zone, which seems to cross-cut the dominant foliation. However, compositional layering is obscured in this section due to offset along several strong foliation planes. This interval lies at the contact between the interbedded siltstone-argillite unit and siliceous argillite. This contact also marks the bottom of the pyrrhotite-silica-chlorite-calcite alteration zone. The Lower Sulphide Zone is also present in FRN98-05 but is quite a bit narrower than in the previous holes on section. This is likely due to the presence of the fault in the section, possibly cutting off the mineralized horizon along with the limestone noted in the holes above. Mineralization in the Lower Sulphide Zone consists of massive pyrite and pyrrhotite. No

other sulphides were noted. Immediately below the Lower Sulphide Zone, there is a small stockwork of quartz veins. These veins are mineralized with pyrite and minor sphalerite and galena plus a sulphosalt(?) mineral as the assay results indicate very high silver and antimony values in this section.

Summary Log, FRN98-05

0.0-18.6	Casing
18.6-41.2	Argillaceous Siltstone, limy
41.2-95.1	Limy Siltstone
95.1-110.0	Graphitic Argillite, sphalerite locally with pyrite
110.0-112.3	Chert
112.3-173.8	Interbedded Siltstone/Argillite, pyrrhotite-silica-chlorite-calcite alteration
173..0-200.9	Siliceous Argillite, locally cherty, laminated bands with pyrite 175.08-177.08-3-8% pyrite, 5% sphalerite as wisps, veins, bands
200.9-235.8	Chert, local siliceous Argillite, minor pyrite, sphalerite
235.8-245.3	Siliceous Argillite, pyrite laminae common
245.3-248.2	Massive Pyrite/Pyrrhotite
248.2-252.0	Siliceous Argillite
252.0-257.2	Shaley Argillite
257.2	End of Hole

Table 8.0.2
SIGNIFICANT INTERSECTIONS, DDH FRN98-05, FRANÇOIS GRID.

Drill Hole	From-To (m)	Interval	Zn (%)	Pb(%)	Ag(g/t)	Au (g/t)	Comment
FRN98-05	175.08-177.08	2.00	3.66%	0.02	2.3	0.02	Upper Sulphide Zone
	245.30-248.15	2.85	0.08	0.04	5.8	0.25	Lower Sulphide Zone
	250.02-252.07	2.05	0.15	0.39	96.8	0.05	

DDH FRN98-06

Hole FRN98-06, drilled to total depth 131.67 metres, is situated 100 metres grid west of FRN98-04, on line 4100W (Figure 6), and was intended to cut the two mineralized holes encountered on section 4000W. Overall, the mineralized section in this hole shows some differences from Line 4000W within Anomaly C. The pyrrhotite-silica-chlorite alteration zone in interbedded Siltstone/Argillite above the Upper Sulphide Zone is not as strong as on Line 4000W, with mineralization restricted to local, massive pyrrhotite, and rare disseminated to wispy sphalerite and galena. A section of concentrated sulphides (5-30% disseminated to banded pyrrhotite) is situated at the contact between interbedded Siltstone/Argillite and Siliceous Argillite, from about 50.0 to 55.8 metres. This zone may in fact represent the Upper Sulphide Zone, although it is considerably different in appearance than in the other holes on this zone. Here, the zone contains minimal sphalerite and galena which are not concentrated in any particular section. As well, there is a strong carbonate (calcite or ankerite?) component to the zone. Textures indicate replacement by sulphides and carbonate of a finely laminated agrillaceous or calcareous rock (Appendix F). This is possibly representative of an Fe-carbonate facies of the SEDEX massive sulphide environment. Disseminated magnetite is common throughout the zone and definitely contributes to the magnetic susceptibility which is an order of magnitude greater than the massive pyrrhotite in this hole. Arsenopyrite was detected by petrographic work occurring as disseminated, subhedral to euhedral crystals (Appendix F).

The Siliceous Argillite/Chert section separating the two sulphide zones is narrower with less obvious chert in hole FRN98-06. It appears that the "chert" may represent stronger silica alteration of the argillite. The Lower Sulphide Zone is situated in very broken ground and is possibly cut off by a fault. The Lower Sulphide Zone consists primarily of pyrrhotite, with traces of sphalerite, galena and arsenopyrite. A strong fault seems to cut off the base of the massive sulphide section and much of the

section below the Lower Sulphide Zone consists of extremely broken ground. Shaley argillite, which is black and weakly graphitic, dominates the rest of the hole. Several foliation directions are apparent indicating considerable deformation. Some of this deformation may be related to the strong faulting in this section. At the bottom of this hole there are at least two wide gouge-sand seams indicating a fault of considerable size.

Summary Log, FRN98-06

0.0-19.2 m	Casing
19.2-45.8	Interbedded Siltstone/Argillite, strong pyrrhotite, trace sphalerite and galena
45.8-47.7	Massive Pyrrhotite Zone, 0.5% sphalerite overall
47.7-57.9	Interbedded Siltstone/Argillite
	50.0-55.8 5-30% finely disseminated pyrrhotite, plus magnetite, carbonate, arsenopyrite
57.9-84.1	*Siliceous Argillite, pyrite laminae common, trace sphalerite*
84.1-93.2	Silicified Siltstone, strong pyrrhotite, finely disseminated, quartz stockwork
	92.4-93.2 8-10% pyrrhotite, minor sphalerite, magnetite
93.2-94.3	Massive Pyrrhotite, brecciated, semi-massive lower in interval
94.3-131.7	Shaley Argillite, minor siliceous beds
131.7	End of Hole

Table 8.0.3
SIGNIFICANT INTERSECTIONS, DDH FRN98-06, FRANÇOIS GRID.

Drill Hole	From-To (m)	Interval	Zn (%)	Pb(%)	Ag(g/t)	Au (g/t)	Comment
FRN98-06	45.79-58.52	12.73	0.25	0.16	6.2	n.s.	Upper Sulphide Zone
including	45.79- 46.54	0.75	2.71	0.32	11.0	0.015	
and	45.79-48.80	3.35	0.87	0.22	7.3	n.s.	
	77.42-78.00	0.58	3.62	0.42	9.4	0.08	
	84.10-94.34	10.24	0.02	0.10	4.22	n.s.	Lower Sulphide Zone
including	84.10-87.45	3.35	0.02	0.13	3.6	0.66	

- n.s. not significant

DDH FRN98-07

This hole was drilled on Line 3900W (Figure 7), 100 metres east of FRN96-04 and 200 metres east of FRN98-06. The hole reached a total depth of 145.5 metres and was intended to test the mineralized stratigraphy of Anomaly C on line 3900W, between sections 4000W and 3800W which were drilled in 1996 (Caulfield and Weber, 1997). The drill hole on 3800W, FRN96-03, did not intersect significant mineralization and it appears that the lower sulphide horizon is cut off on this section by a fault. However, the mineralized section remains intact on section 3900W, with both the upper and lower sulphide horizons intersected in hole FRN98-07. The geology of this section is more similar to section 4000W than in FRN98-06. There is a wide section of siliceous argillite and chert between the two sulphide horizons. As in FRN98-05 and 06, this hole ended in shaley argillite rather than fossiliferous limestone.

The Upper Sulphide Zone is characterized by 0.5-3% sphalerite as wisps along foliation and fracture fillings from 72.3 to 75.6 metres at the contact between the interbedded siltstone/argillite and siliceous argillite. *The zone contains several percent pyrite as lenses and laminae along foliation.* Unfortunately, about 35% of the mineralized section was lost due to ground conditions. The Lower Sulphide Zone consists of massive to semi-massive pyrrhotite and pyrite which is crackle brecciated and sealed by silica veinlets from approximately 127.7 to 133.0 metres. Again, a lot of core was lost in this interval due to ground conditions. There is no sign of base metal mineralization in this zone.

Summary Log, FRN98-07

0.0-16.2	Casing
16.2-72.1	Interbedded Siltstone/Argillite, pyrrhotite with silica, chlorite, and calcite alteration, trace sphalerite and galena
72.1-113.5	Siliceous Argillite, shaley sections, pyrite laminae common 72.3-75.6 Upper Sulphide Zone, 0.5-3% sphalerite, as wisps, lenses
113.5-125.0	Chert, or Silicified Argillite
125.0-127.7	Siliceous Argillite
127.7-133.0	Lower Sulphide Zone, massive to semi-massive pyrrhotite-pyrite, shaley intervals
133.0-145.5	Shaley Argillite, minor siliceous beds
145.5	End of Hole

Table 8.0.4
SIGNIFICANT INTERSECTIONS, DDH FRN98-07, FRANÇOIS GRID.

Drill Hole	From-To (m)	Interval	Zn (%)	Pb(%)	Ag(g/t)	Au (g/t)	Comment
FRN98-07	72.69-74.68	1.99	0.16	0.02	1.8	0.01	Upper Sulphide Zone
	82.18-83.90	1.72	1.01	0.02	1.8	0.01	
	129.54-131.92	2.38	0.13	0.21	5.5	0.35	Lower Sulphide Zone
including	130.94-131.92	0.98	0.14	0.25	6.6	0.71	

9.0 DISCUSSION AND RECOMMENDATIONS

The potential to host large tonnage SEDEX deposits in the western part of the Selwyn Basin was first recognized by Anaconda personnel in the early 1980's. The presence of stratabound sulphides and barite in close association with coarse clastic rocks of the Earn Group indicated a depositional environment and setting not unlike that hosting the Tom and Jason deposits (29 Mt of 6.8% Zn, 5.78% Pb, 64 g/t Ag) in the MacMillan Pass area and the Clear Lake deposit (6.1 Mt of 11.34% Zn, 2.15% Pb, and 40.8 g/t Ag) located 15 kilometres south of the property. Similar to other productive SEDEX camps, stratabound and stratiform mineralization, dominated by pyrrhotite, have been found occurring over a strike length of tens of kilometres at Dromedary. For example, a series of stratiform lead-zinc showings extending along 40 kilometres of strike length were defined prior to discovery of the main deposit at Howard's Pass in the eastern Selwyn Basin.

The François Grid area of the Dromedary Property hosts syngenetic massive sulphide mineralization related to a semi-continuous, linear, coincident gravity-magnetic, geophysical anomaly which stretches over eight kilometres from Dromedary Mountain west to Lone Mountain. Widely spaced drilling on this extensive geophysical target has encountered massive sulphide mineralization in drill holes over two kilometres apart. Interpretation of the distribution of hydrothermal alteration related to this mineralization indicates that the stratigraphy in the François Grid area has been locally overturned, possibly due to thrusting. Drilling in 1998 concentrated on Anomaly C (Figure 4) where drill holes from 1996 intersected two massive sulphide zones including the most significant base and precious metal-rich, massive sulphide mineralization found to date on the property. The 1998 drilling was intended to test the continuity of this mineralization in step out holes of approximately 100 metres.

All three 1998 holes intersected the two mineralized horizons, extending the zones 200 metres in strike and 60 metres (upper horizon) and 90 metres (lower horizon) down-dip (for a total down dip projection from surface of approximately 120 metres and 180 metres respectively). Assay results from the 1998 drilling denote continuity of base and precious metal mineralization similar to that intersected in 1996. Although the overall tenor of the mineralized intervals is substantially lower, the 1998 results indicate an increase in the thickness of alteration and sulphide mineralization to the west in both mineralized zones (FRN98-06). The sulphide horizons are currently open in this direction and down-dip.

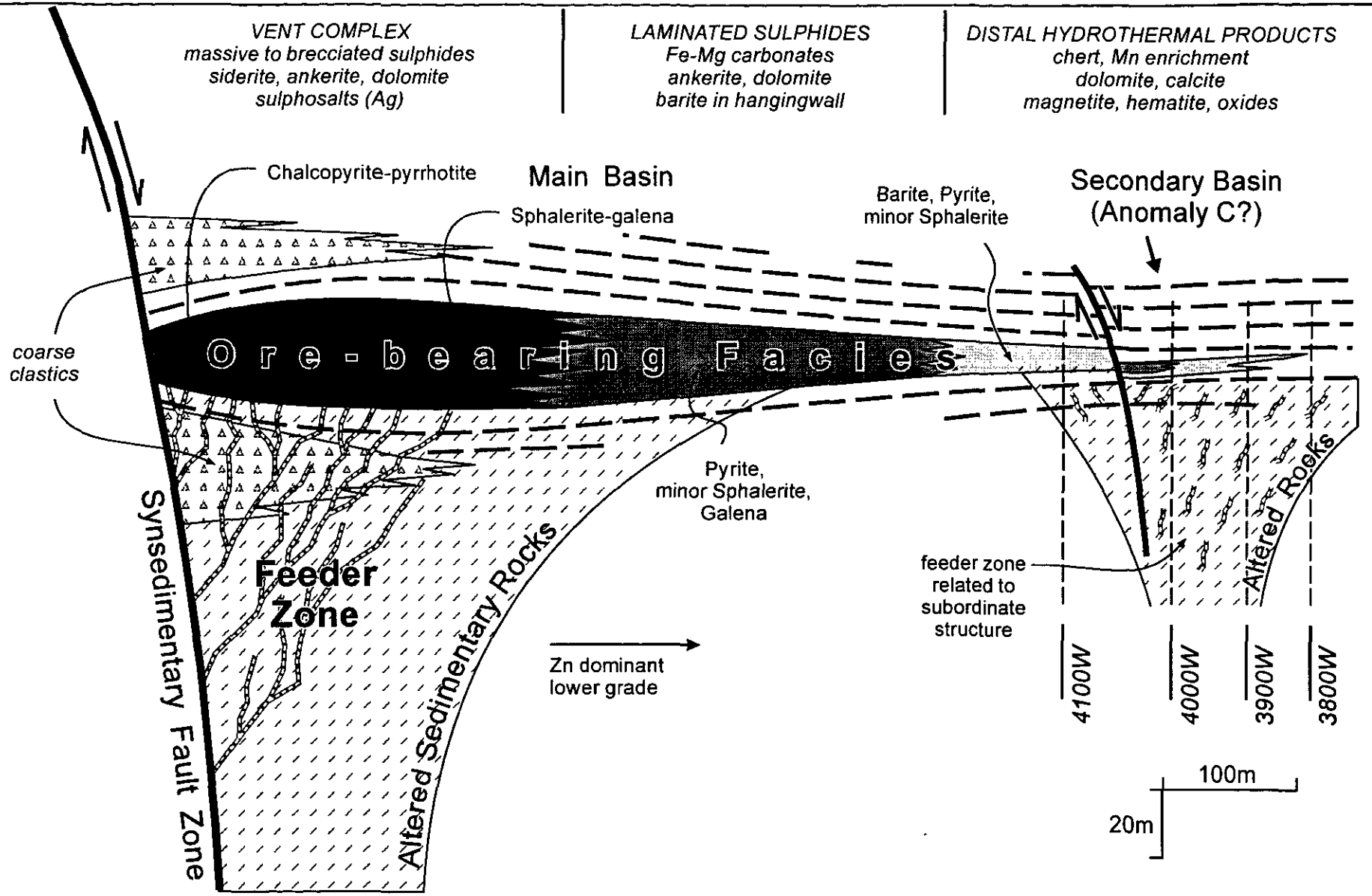


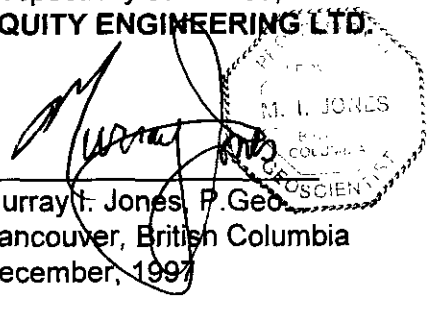
Figure 8 : Schematic illustration of the characteristic features of the idealized SEDEX Deposit (after Lydon, 1996). The diagram shows Anomaly C as an inferred sub-basin along the main gravity-magnetic trend in the Francois Grid area. The drill sections on Anomaly C have been located on the diagram based on interpretation of the alteration and mineralization encountered, indicating a possible progression toward a larger basin (Anomaly B or A?).

The sulphide zones in FRN98-06 are characterized by extremely high magnetic susceptibility and very dense mineralogy (dominantly pyrrhotite-ankerite-magnetite) which helps explain the coincident, strong magnetic and gravity responses in this area. Elevated barite values occur in the structural footwall rocks to mineralization (overturned hanging wall). The presence of barite in the mineralized section would also add to the gravity anomaly. To date, only approximately 300 metres of the greater than 500 metre extent of this geophysical anomaly has been tested. As well, numerous other similar geophysical anomalies along the prospective stratigraphic horizon remain to be tested in the François Grid area.

Comparison to empirical models for SEDEX mineral deposits (Lydon, 1996; Large and McGoldrick, 1998) indicates that the mineralization intersected in FRN98-06 on section 4100W may represent a mineralized zone distal to a main hydrothermal vent system (Figure 8). The prime indicators for this interpretation are the high concentrations of manganese, the presence of iron oxides (magnetite), the dominance of calcic to iron-rich carbonates and elevated barium with the mineralized intervals. However, the presence of massive zinc-lead mineralization and what appears to be a feeder zone style of alteration (pyrrhotite-chlorite-silica) on sections 4000W and 3900W seems to indicate that the mineralization at Anomaly C is proximal to a hydrothermal vent. This apparently conflicting information leads to alternative interpretations of the mineralization at Anomaly C. It is possible that the Anomaly C area represents the outer edge of a larger massive sulphide body, with local, thin layers of base metal mineralization persisting away from the main vent. Alternatively, Anomaly C may represent a sub-basin setting where a small, distinct massive sulphide body has formed, adjacent or along strike from a main vent (Figure 8). The empirical model (Lydon, 1996) points out that SEDEX deposits tend to be associated with a fault creating a linear array of mineral deposits, usually in sub-basins along the trace of the main structure. In this scenario, the linear arrangement of coincident gravity and magnetic geophysical anomalies in the François Grid area takes on added significance, possibly indicating additional mineralized sub-basins along the main trend. Areally, Anomaly C is one of the smaller anomalies along the main geophysical trend on the François Grid. The larger anomalies along this trend may indicate larger basins with greater hydrothermal activity. Additional clues to the whereabouts of one of these larger basins would be stratigraphic disruptions, significant thicknesses of coarse clastic material, as well as widespread footwall alteration similar to that found in the Anomaly C area.

The François Grid area has the potential, based on the work to date, to host a large zinc-lead-silver massive sulphide deposit. All indications are that a huge mineralizing system operated in the area which has mineralized the host stratigraphy up to eight kilometres along strike. Zinc- and lead-rich massive sulphide mineralization has been intersected in drill holes more than two kilometres apart on coincident gravity-magnetic geophysical anomalies. Drilling has tested only a very minor part of this overall system and further drilling on the many targets in this area is warranted. A drill program of at least 3000 metres in approximately 20 drill holes is recommended as the next phase of work on the François Grid area to test the most significant remaining anomalies. Success in this program should encourage work on other areas of the property, particularly the Kal-Cave area on the DMC Claims to the west of the François Grid area, where a 7.5 kilometre lead-zinc soil anomaly is known with numerous mineral showings along its entire length.

Respectfully submitted,
EQUITY ENGINEERING LTD.



Murray I. Jones, P.Geo.
Vancouver, British Columbia
December, 1997

APPENDIX A

BIBLIOGRAPHY

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APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Murray I. Jones (Project Geologist)
8606 144A St.
Surrey, B.C.
V3S 2Y2

Matt Henry (Camp Manager, Senior Sampler)
301-725 West 70th Ave.
Vancouver, B.C.
V6P 2Y5

Ed Sinnot (Sampler, Pad Builder)
P.O. Box 277,
Mayo, Yukon
Y0B 1M0

Malonie Rose (Cook)
P.O. Box 92
Carcross, Yukon
Y0B 1B0

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
DROMEDARY PROPERTY
ACE, NORA, QUEEN, AND KING CLAIMS
September 29 to October 17, 1998

CANADA) In the matter of an evaluation program on the Dromedary property

I, Murray I. Jones, of Equity Engineering Ltd., 207, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of diamond drilling was carried out on the ACE, NORA, QUEEN and KING Mineral Claims between September 29 and October 17, 1998. The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

see table on following page

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

Declared before me at Vancouver in the)
Province of British Columbia this)
10th day of FEBRUARY, 1999)

Murray Jones

Notary Public for the Province of British Columbia

IAN J. TALBOT
Barrister & Solicitor
657 [illegible] Granville Street
Vancouver, B.C. V6C 1T2

EQUITY ENGINEERING LTD.
EXPENDITURE SUMMARY
Project: Dromedary
Date: September - October, 1998

		UNITS	RATE	SUBTOTAL	TOTAL
WAGES:					
Project Geologist, Murray Jones (incl. pre, post field)		38.25	$ 425	$ 16,256.25	
Padbuilder, Ed Sinnot		2	300	600.00	
Project Manager, Matt Henry		21.375	350	7,481.25	
Senior Sampler, Ed Sinnot		16	275	4,400.00	
Cook, Malonie Rose		16.5	300	4,950.00	
First Aid Attendant, Malonie Rose		15	25	375.00	
Clerical		8	25	200.00	
					34,262.50
RENTALS (EQUITY AND NON EQUITY)					
Camp (mandays)		120	$ 25.00	$ 3,000.00	
Chainsaw		12	15.00	180.00	
Core Splitter		7	5.00	35.00	
Generator (5kvA)		14	20.00	280.00	
Magnetic Susceptib.		8	10.00	80.00	
Pentium Notebook		13	15.00	195.00	
Hand-held radios(non EEL)		63	3.23	203.49	
Truck 1(Speedy Van)		19	35	665.00	
Truck 2(non EEL)		3	80	240.00	
Kilometre Charges		1055	0.3	316.50	
					5,194.99
SUBCONTRACTS					
Drilling, Falcon Drilling Ltd.				63,455.87	
Fixed Wing, Summit Air				27,174.00	
Helicopter, Trans North Helicopters				34,523.16	
					125,153.03
ANALYSES					
Assays		6	6	36.00	
Core 1		163	22.95	3,740.85	
					3,776.85
EXPENSES					
Accomodation				$ 723.65	
Airfare	*@25% Vancouver-Whitehorse return*			608.50	
Automotive Fuel				37.73	
Bulk Fuel				8,299.38	
Camp Food				3,205.28	
Camp Supplies				782.16	
Communications				2,327.32	
Core Boxes				1,222.00	
Courier, Air Freight				627.52	
Expediting				3,225.00	
Materials and Supplies				587.58	
Freight				1,721.85	
Meals				394.48	
Petrography				972.00	
Printing & Repro				282.70	
Reclamation				213.80	
Taxis, Parking, Tolls				79.56	
Storage (Mayo Caselot)				105.00	
					$ 25,415.51
ESTIMATED POST-FIELD EXPENSES					
Report Drafting, Reproduction				$ 680.00	
					680.00
SUBTOTAL					194,482.88
PROJECT SUPERVISION CHARGE					
12% on expenditures up to $100,000				$ 12,000.00	
10% on expenditures $100,001 to $500,000				9,448.29	
					21,448.29
	TOTAL				$ 215,931.17
G.S.T.			7%		15,115.18
	GRAND TOTAL				$ 231,046.35

APPENDIX D

DIAMOND DRILL LOGS

MINERAL ABBREVIATIONS

AK	ankerite	AS	arsenopyrite	BA	barite
BI	biotite	CA	calcite (or CC)	CL	chlorite
CP	chalcopyrite	CY	clay	EP	epidote
GE	goethite	GL	*galena*	HE	*hematite*
HS	specularite	JA	jarosite	KF	K-feldspar
MG	magnetite	MN	Mn-oxides	MS	sericite (or SE)
PO	pyrrhotite	PY	pyrite	QZ	quartz
SI	silica	SL	sphalerite	SM	smithsonite

ABBREVIATIONS USED IN DRILL LOG TEXT

Abbreviation	**Word**	**Abbreviation**	***Word***
alt'n, 'd	alteration, ed	minlz'n, 'd	mineralization, ed
bx, 'n, 'd	breccia, ation, ed	mx	massive
cm	centimetre	poss.	Possible
conc'n, 'd	concentration, ed	rel.	relatively
diss'n, 'd	dissemination, ed	silic'n, 'd	silicification, silicified
dk	dark	stkwk	stockwork
esp.	especially	t/o	throughout
f.gr.	fine grained	tr	trace
fol'n, 'd	foliation, ed	vn, vnlt	vein, veinlet
frac.	fracture	w/	with
lam'n, 'd	lamination, ed	wk	weak
lt	light	x-cutting	cross-cutting
med.	medium		

EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: DROMEDARY	COLLAR ELEVATION: 685 m
HOLE: FRN98-05	AZIMUTH: 018°
LOCATION GRID: L3996W / 551S (@ FRN96-02)	DIP: -65°
LOGGED BY: MURRAY JONES	LENGTH: 257.20m
DRILLED BY: FALCON DRILLING	HORIZONTAL PROJECTION: 122.2 m
ASSAYED BY: CHEMEX LABS	VERTICAL PROJECTION: 226.6m
CORE SIZE: BTW	
DATE STARTED: OCT 3, 1998	DATE COMPLETED: OCT 7, 1998

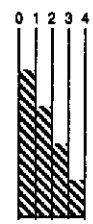
DIP TESTS BY: ACID

DEPTH	DIP	AZIM	DEPTH	DIP	AZIM
169.78	-60.5°				
252.07	-59.5°				

ALTERATION SCALE

absent
slight
moderate
intense

SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

OBJECTIVE

TO CUT SECTION UNDER FRN96-02 AND 04, RESOLVE STRUCTURAL SITUATION (RE: ZIP OF 2 SULPHIDE BODIES), TEST FOR DOWN DIP CONTINUATION OF MINERALIZATION

SUMMARY LOG

0 - 18.6m - CASING

18.6 - 41.2 m - ARGILLACEOUS SILTSTONE, limy

41.2 - 95.1 m - LIMY SILTSTONE

95.1 - 110.0m - GRAPHITIC ARGILLITE, SL locally, with PY

110.0 - 112.3 m - CHERT

112.3 - 173.8m - INTERBEDDED SILTSTONE / ARGILLITE, PO w/ SI, CL ALT'N, CA LOCALLY

173.8 - 200.9 m - SILICEOUS ARGILLITE, LOCALLY CHERTY, lam & bands w/ PY

- 175.08 - 177.08 - 3-8% PY, SL as veins, bands, wisps

200.9 - 235.8m - CHERT, LOCAL SILICEOUS ARGILLITE, minor SL, PY MINERALIZATION

235.8 - 245.3m - SILICEOUS ARGILLITE, PY LAMINAE COMMON

245.3 - 248.2m - MASSIVE PYRITE / PYRRHOTITE

248.2 - 252.0m - SILICEOUS ARGILLITE

252.0 - 257.2m - SHALEY ARGILLITE

257.2m

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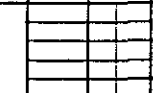
DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	ALTERATION SI	ALTERATION CL	FRACTURE INTENSITY
0					0 - 18.59 CASING				
17.5									
20					18.59 - 32.90 - ARGILLACEOUS SILTSTONE - dark grey, fine grained, relatively homogeneous bed, foliation obvious, bedding less so, - calcite t/o unit, weakens toward bottom of interval - - layering defined by wispy segregations dark and lighter coloured - mostly dark - section is generally very broken, small core pieces, foliation not highly weathered apparently. - rock is weakly to moderately conductive				
25									
30									
35					32.90 - 35.68 - SAND SEAM - fault? or break to surface - compact sand.				
					35.68 - 41.15 ARGILLACEOUS SILTSTONE - darkly coloured, similar to unit above fault - core generally more competent - rock is moderately conductive, minor graphite on foliation				



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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
0						
17.5						
18.59 - 32.90 0.25 - 0.5% PY as disms and tiny blebs along foliation - minor PY as blebs and xtals in Qz - CA veins/bx matrix						
20						
25						
30						
32.90 - 35.68 - no sulphides						
35						
35.68 - 41.15 0.5% PY as disms, blebs along foliation - minor PY in veinlets w/ Qz-CA.						

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
				S_1 35°	- CA is moderate to strong							
				41° - Q2-CA vnlt	- fault contact at bottom of interval, sub-parallel to foliation							
40				fault								
					LIMY SILTSTONE							
				S_1 = 60°	- lt grey to black, variable composition,							
				S_2 = 55°	- lighter beds slightly coarser grainsize (siltstone) w/ blocky, shaley partings							
					- layering is wispy on the small scale, but looks like bedding on larger scale							
45					- S_1 foliation (compositional layering) cross cut by S_2							
					- Q2-CA vnlts commonly irregular, sub-parallel to core axis							
					- possible clasts(?) of argillite noted locally - rip-up clasts!! in siltstone, or may be just the wispy nature of S_1							
				S_1 = 60°								
50												
					54.02 - 60.60 - graphitic section, more darkly coloured, still strong CA altn							
					- very minor Q2-CA vnlts							
55					- couple gouge sections							
					- S_1 is locally contorted,							
				S_1 = 65°								
60												

 PROJECT DROMEDARY HOLE FRN98-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
		38.71	39.71	1.00	109101	10	0.8	36	58	22
41.15 - 60.60 - trace to 0.5% PY, as dissins along foliation - local concins in QZ-CA veinlets, commonly irregular.		41.56	42.98	1.43	02	<5	<0.2	9	<2	16

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
60			Bx		60.60 - 70.00 - predominantly med to light grey colour, darker bands							
				S_2 ?-53°								
				S_2 ?-38°								
65					65.84 - 67.20 - interval approximate - broken core, local gouge, bx/veins filled by QZ - CB? (grey, vitreous)							
				72° - S_2								
				68° - S_1?								
70				74° - pyritic gouge	70.00 - 73.44 darker coloured rock, relatively homogeneous - weakly conductive							
				70° - S_1								
					73.44 - 75.99 generally black core, S_1 still visible, moderately conductive - graphite occurs on slip planes - strong fizz - pervasive CA alt'n, primarily in lighter coloured sections							
75				55° - gouge								
					75.99-79.04 DF to med grey, more coarse grained silicified - anastomosing sheers cut core (S_1 + S_2?) - moderate pervasive CA - minor CA + QZ veinlets, weak bxn locally							
				60° - S_1								
				65° - S_1								
				S_2 - 70								
				S_1 = 73°	79.04 - 88.53 - core is darker again - moderate pervasive CA - minor CA-QZ veinlets.							
80												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
60.60 - 70.00 - trace to 0.25% PY as disseins, minor amount										
		65.68	67.16	1.48	109103	<5	<0.2	8	4	12
70.00 - 73.44 - trace PY, fine disseins										
73.44 - 75.99 trace to 0.5% PY, as disseins blebs, along foln, and concentrated in gouge zones										
75.99 - 95.10 - trace PY, as fgr. well scattered disseins, locally concid bands of disseins (<1cm wide)										

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DEPTH (m)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
85												
					-Qz-ch? veins							
					70° - S_1							
					88.53 - 91.95 - strong CA alt'n in lt coloured section, CA weakens after 91.10.							
90					- faint foliation. Ch or shaley partings at irregular attitudes.							
					91.95 - 95.10 - Qz veining common immediately above fault (no recovery), which end set at 95.10							
95												
					95.10 - 109.98 - ARGILLITE -							
				45° - gouge contact	- locally silicified, generally graphitic, strongly conductive H/O - black							
					- foliation is pronounced and shows folding, locally contorted							
					- 40 cm wide gouge / Qz zone at top of interval							
				S_1 = 25°	- rock is black, foliation surfaces shiny from graphite & mica?							
				S_1 - 18°	- wispy and ladder-type Qz (CA) veinlets							
100					- alternating hard siliceous sections w/less competent, more shaley(?) sections							
					- hard sections show intense, healed frac's							
					- CA primarily in fractures							
				S_1 = 25°								
105												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
88.53 - 91.95 - nil sulphide										
95.10 - 109.98 - overall about 0.5 - 1.0% PY, generally as discrete bands (mx) and stringer veinlets, w/ some halo as Q2 - CA stringers		95.10	96.62	1.52	109104	20	4.0	288	586	5630
- locally mx PY bands sub-parallel to S.		96.62	98.15	1.53	05	<5	1.6	141	136	7250
- Sh also occurs, generally conc'd over short intervals, as stringers and in PY bands . . to ~0.25% overall		98.15	99.87	1.72	06	<5	1.2	131	96	6750
		99.87	100.90	1.03	07	<5	1.4	144	124	7100
3 @ 3.33 ppm Zn / 12.82 m		100.90	101.90	1.00	08	<5	1.0	151	196	3320
		101.90	102.90	1.00	09	<5	0.4	43	32	1725
		102.90	104.24	1.34	10	<5	0.4	36	22	1930
		104.24	105.60	1.36	109111	<5	0.6	33	16	1430

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
105												
				55° Py band								
					109.55 - 109.98 - fromitic int? to next unit							
				50° fault contact	-							
110					109.98 - 112.29 - CHERT							
					lt to med grey, patchy appearance due to frac/bx'n - Q2 veins, minor CL on fracs - fault contact at base.							
					112.29 - 173.75 - INTERBEDDED SILTSTONE / ARGILLITE							
				45 - Py band	- siltstone dominates, f to med. grained generally grey to greenish colour.							
				60°	w/ darker shaley (argillite) partings.							
115					- Q2 veinlets common t/o - generally unfocused or offset along hairline fractures							
					- Sf is normally present, variable intensity							
					- sulphides in veins t/o							
					112.29 - 113.50 - intense SI alt'n blue grey colour.							
					113.50 - 119.14 - moderate SI weak CL, Q2 veinlets t/o, locally broken core.							
					- bedding largely obscured.							
120					119.14 - 123.18 weak CA, locally pervasive, generally fracture controlled.							
					- green colour due to CL?							
				75								
				Py	123.18 - 127.18 - moderate to strong pervasive CA alt'n, causes lighter colour - generally siltstone w/ minor argillaceous partings							
					- CA in siltstone only.							
125				31 ? - 40	- weak SI, CL							
					- gash type Q2 veinlets							
					127.18 - 129.04 - bxid core, Q2 - CA matrix, weak to moderate SI, wk CA							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
		105.60	106.38	0.78	109112	<5	0.8	60	30	2750
		106.38	107.80	1.42	13	<5	0.8	49	22	3460
		107.80	108.50	0.70	14	<5	1.2	64	28	1440
		108.50	109.98	1.48	15	<5	0.8	46	12	558
109.98 - 112.29 - 5-8% patchy and vein PØ, veins to 2cm thickness - almost stockwork of PØ veins in b.tble rock.		109.98	111.00	1.02	16	5	0.2	126	26	394
		111.00	112.29	1.29	17	10	0.6	146	80	28
112.29 - 117.35 - 2-5% PØ, minor PY as bands to 10cm wide, and stockwork style veins to 2cm. - generally massive texture, w/ fx clasts common.		112.29	113.50	1.21	18	10	0.6	209	82	56
		113.50	115.00	1.50	19	<5	0.4	366	10	88
		115.00	117.00	2.00	20	<5	1.2	272	270	624
117.35 - 123.18 - 1-2% PØ, similar occurrence overall, but less common veins/bands - almost no disss		117.00	118.50	1.50	21	<5	0.6	84	128	464
		118.50	120.00	1.50	22	<5	0.2	80	8	270
		120.00	121.50	1.50	23	<5	0.4	217	10	112
		121.50	123.18	1.68	24	<5	0.2	59	<2	382
123.18 - 127.18 2-3% PØ as above		123.18	125.00	1.82	25	<5	0.2	88	<2	38
		125.00	126.40	1.40	26	<5	<0.2	33	<2	42
127.18 - 129.04 - 0.5% PØ as disss										

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DEPTH (m)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	ALTERATION SI	ALTERATION CL	ALTERATION GF	FRACTURE INTENSITY
				40° S1	- spotty CL in section					
					129.04-129.69 - two 7-10cm wide mx FG bands					
130				53° - vein						
				50° S1	131.63-132.12 - moderate SI alt'n					
				S1:50°	132.20-133.47 - weak to moderate CL alt'n - layering in rock fairly well defined - poss. cross-bedding observed - CL concentrated in argillaceous layers, but green colour is pervasive					
135										
					136.85-137.92 - moderate SI alt'n, w CL					
				S1 45°	137.92-142.37 - moderate CA alt'n, pervasive trace CL, wk SI +/- - also CA veins common - CA veinlets near bottom of interval					
140										
				10° - P vein	142.37-143.50 - moderate SI alt'n, weak CA					
					143.50-146.04 - grey core, wk CA, wk SI very minor CA veinlets					
145										
					146.04-150.60 - wk to mod. CL, pervasive - trace to wk CA, pervasive - dark grey-green colour					
				45° S.?	- CA moderate, pervasive below 147.60					
150										

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
129.04 - 129.69 - 30% mx PØ, (plus disins) in two bands		129.04	129.69	0.65	109127	80	1.4	721	2	1460
129.69 - 137.02 - 0.5 - 10% PØ, as disins primarily, minor veinlets.		131.37	132.37	1.00	28	15	0.6	343	60	36
		136.85	137.92	1.07	29	20	0.4	1155	8	54
137.02 - 137.92 - 5-8% PØ, as massive veins, strong disins/patches										
137.92 - 142.37 1-2% PØ, as scattered disins, local blebs, concid layers - trace PY, on fractures										
142.37 - 143.50 - 5-8% PØ, as massive veins, concid disins		142.31	143.50	1.19	30	25	1.0	480	62	242
143.50 - 147.88 - 1-3% PØ, minor PY? as scattered mx veinlets, disid bands, small masses (clasts?) - concid at margins of CL zone		143.50	145.00	1.50	31	5	<0.2	128	<2	134
		145.00	146.04	1.04	32	75	0.2	490	6	78
		146.04	147.50	1.46	33	<5	0.2	111	<2	328
147.88 - 148.60 - 5-8% PØ, mx veins, to 1cm wide, disid blebs in bands		147.50	148.60	1.10	34	<5	<0.2	306	<2	138
148.60 - 151.30 - 0.5-10% PØ, as small masses, scattered veinlets										

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
150					150.60-156.21 wk-mod CA, wk SI altn, pervasive - locally development of CA porphyroblasts							
155				27° - SL-QL-Py vein								
				70° - S1	156.21-157.30 - strong, pervasive CA altn							
				60° - mx Py band	157.30-157.42 - mx Py layer/vein?							
				63° S1	157.30-162.80 - wk SI, wk CA wk CL - CL is patchy, crosses foliation locally.							
160				78° - S1								
				75° - mx Py vein								
				26° - S1								
					162.80-167.65 - lt to med grey section - mod. CA patches of strong - foliation more variable, locally parallel core - CA-Qz veins common, locally strong cmin of stronger veins							
165												
					167.65-169.80 weak CA, weak SI altn. dark grey colour							
170				65° - S1	169.80-173.75 - mod. SI altn, CA veins common, weak CA altn, small patches - veining is quite irregular							
				25°								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
151.30 - 154.63 - 3-8% PY, primarily as mx veinlets, several generations, and mx veins.		151.30	152.23	0.93	109135	10	0.4	401	12	24
		152.23	153.15	0.92	36	<5	0.6	95	86	90
		153.15	154.63	1.48	37	<5	0.8	178	52	120
154.63 - 155.00 - 20% PY as mx veins, dsvd blebs (clasts?) - 1cm wide PY - SL - GL - QZ vein: ~2% SL, 0.5% GL overall		154.63	155.00	0.37	38	50	19.6	301	6470	6530
		155.00	156.00	1.00	39	5	1.2	200	148	142
		156.00	157.03	1.03	40	<5	0.4	137	72	44
155.00 - 157.03 - 3-5% PY, diss'n, blebs in conc'd layers		157.03	157.65	0.62	41	90	2.4	968	166	332
157.03 - 157.65 20% PY, mostly in mx band (12cm), plus dsvd layers. - 2-3% CP mixed in mx PY layer		157.65	159.30	1.65	42	<5	0.4	148	<2	164
157.65 - 166.00 - 2-3% PY, diss'n t/o, plus locally mx veins, bands - diss'n also in conc'd patches, esp around CA altn.		159.30	160.30	1.00	43	15	0.6	502	8	122
		164.50	166.00	1.50	44	15	0.6	295	8	162
166.00 - 169.80 - 1-2% PY, primarily as massive veins.										
169.80 - 173.75 - 3-5% PY, mainly as diss'n, conc'd bands		169.80	171.30	1.50	45	35	1.0	433	90	416
		171.30	172.75	1.45	46	135	0.6	668	12	184

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	ALTERATION SI	ALTERATION CL	ALTERATION	ALTERATION	ALTERATION GF	FRACTURE INTENSITY
					173.75 - 200.92 - SILICEOUS ARGILLITE							
				50° - fol'n - s.?	- black to grey, locally cherty							
175				20° - fol'n	- laminations common, very faint normally - sulphide laminations?							
				40° - fol'n	- laminae commonly offset along fracs and/or foliation planes.							
				20° - fol'n	- sulphide laminations are fine to med grained occasionally layered.							
				40° - fol'n	- very minor QZ-CA veining, except in broken sections							
				45° fol'n								
					173.75 - 174.35 - brecciated section, healed by CA veins - vuggy - leached?							
180					174.35 - 177.08 - well folded mineralized argillite, black, moderately hard (SI?)							
				85° QZ vein	- PY and SL common t/o							
					- multiple foliation, 2 or 3, make distinguishing compositional layering difficult, disaggregate bedding - sulphides along layering, axial planes, or ??							
				80° fol'n or frac	- QZ-CA veinlets common, gash filling							
				70° - PY lamin	177.08 - 179.33 - black, siliceous, argillite massive appearance - lt grey, cherty(?) contorted layers t/o							
185					- also lenses PY - 1-5 cm thick, common - broken growth in upper section.							
					179.33 - 180.44 - QZ veining, lighter coloured (silicic?) argillite							
				S1=78°	180.44 - 181.92 - intensely QZ veined section - to point of bxn							
					181.92 - 183.50 - CHERT							
					183.50 - 193.40 - siliceous ARGILLITE, laminations common, especially PY bands							
190					- becoming conductive below 186.50							
					189.50 - 193.40 - strongly conductive							
				61 = S0								
				55° lamination								
					193.40 - 196.75 - fault zone - QZ vein/bx common							
195												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
		172.75	173.75	1.00	109147	70	0.2	340	12	102
173.75 - 174.35 - trace - 0.5% PY, PØ		173.75	175.08	1.33	48	15	0.4	181	60	248
174.35 - 175.08 - 2-3% PY, trace SL?, as fgr. dissins, patches along fract's										
175.08 - 177.08 - 3-8% PY, SL as lenses along foln, x-cutting veinlets, fgr dissins in host rocks, -quite subtle mintz'n		175.08	175.58	0.50	49	10	0.6	100	24	4490
		175.58	176.08	0.50	50	55	3.4	104	58	10.5%
		176.08	177.08	1.00	51	10	2.6	59	314	1.84%
- crosscutting mx SL, w/ PY, PØ from 175.70 - 175.96 - looks like low angle vein.		177.08	178.08	1.00	52	10	3.4	67	28	438
177.08 - 179.33 - 1% PY, generally as mx lenses/bands along foln. Also, fgr dissins in rock		178.08	179.08	1.00	53	30	4.0	52	26	198
179.33 - 183.50 - 0.25 - 0.5% PY, as lenses, bands, minor blebs, generally widely scattered		179.08	180.44	1.36	54	20	3.8	37	68	924
		180.44	181.90	1.46	55	5	0.8	18	108	54
183.50 - 200.92 0.25 - 1.0% PY, generally as laminae - to 0.5 cm wide, minor diss'd bands										
		185.94	186.94	1.00	56	<5	1.2	32	60	364
		186.94	188.64	1.70	57	<5	1.4	43	84	660
		191.90	193.40	1.50	58	20	1.6	50	168	752
		193.40	196.18	2.78	59	50	2.0	34	88	376

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
195												
				40	- margin of gouge							
					196.18 - 198.17 - siliceous argillite, strong fracturing w/ silica veinlets.							
					198.17 - 200.92 - brecciated, silicified argillite. - lt grey siliceous matrix - PY lenses, laminations also brkd							
200				40° - contact								
					200.92 - 235.79 - CHERT							
					- fairly coloured, homogeneous, laminations or foliation not apparent generally							
					- QTZ or silica veinlet swarms common							
					- unit is generally quite broken							
					- also, local Brecciation is common							
					- sections of silicified argillite common as usually where S, measured							
205					- QTZ veining common also							
					-							
					- overall, impression is gained that this unit is an alteration product (silicification) of the overlying siliceous argillite.							
					- presence of sections of argillite, w/ PY laminae within the chert and gradational contacts, associd w/ strong silica stockwork							
				50	S,							
				32	- PY band - irregular							
210												
				75	- S, ? - layering							
215												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
		196.18	197.68	1.50	109 160	15	1.4	29	60	112
		197.68	199.34	1.66	61	<5	1.0	29	150	350
		199.34	200.92	1.58	62	<5	1.4	52	126	302
200A2 - 0.25% PY, as lenses, minor bands, minor disseminations in chert.										

PROJECT DRDMCOARY

HOLE FRN98-05

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
				62° - QZ veinlet								
				25° - S1								
220				30° - gouge - slip								
				45° - PY seam	224.64 - 225.25 - several PY layers in banded siliceous argillite - PY bodies laminated - f to coarse grained.							
225												
					228.75 - several bleach zones assoc'd w/ fract's, veins, or brin - locally mnly'd w/ PY.							
230				47° - QZ vein 45° - PY seam								
				60° - contact of narrow bleached band								
				47° - S1 -	234.50 - 235.79 - broken ground - fault gouge							
235				63° S1 - bleach 38°								
					235.79 - 238.15 - SILICEOUS ARGILLITE - black, very hard, mod. SI - fract'd comfmly - layering evident but obscured by colour - foliation only moderate - PY laminations quite common, mnly sharp contact w/ argillite laminations - section is generally quite broken.							
				60° - S1? bleached								
				30° - PY lamin								
240				45° - S1? - bleach band.								

PAGE 20 OF 22 | PROJECT DROMEDARY | HOLE FEN98-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
219.80 - 220.35 - 2-3% Sh, in frac/bx zone above small clip		219.80	220.35	0.55	109163	10	1.6	63	86	1.72%
220.35 - 235.79 - 0.25 - 1.0% PY as discreet fgr mx bands, 0.1 to 1cm wide, also concretions? - tr Sh? - in fractures - what is Stibby mineral assoc'd w/ PY - BA?										
235.79 - 245.30 - 1% PY, as bands along S_1 laminae? generally fgr. - locally nbbs and disMs - laminae up to 1.5 cm wide.		236.30	237.80	1.50	64	5	1.6	40	42	3160
		237.80	239.30	1.50	65	<5	1.4	35	54	56
		239.30	240.79	1.49	66	10	1.8	48	146	44

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PROJECT DROMEDARY

HOLE FRN98-05

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
240												
					241.25 - 241.71 - broken core							
				35° - PY lamin								
					244.75 - 245.30 - broken core							
245					245.30 - 248.15 - MASSIVE SULPHIDE - mixed PY and PO, bands recrystallized - bedding not apparent, remobilized? - argillite intervals - Qz-CA veins, stringers esp. in argillite - core is very broken, poor recovery - yellowish coating on fractures							
				60° - CA vein								
				60°	248.15 - 252.00 - SILICEOUS ARGILLITE - as above, black, PY laminations - very broken ground, gouge - Qz-CA-sulphide veins common							
250				80° - early Qz-CA veins								
				Qz-CA-Si-CA vein	248.40 - 248.67 - bx - Qz-CA veins							
				CA vein	250.02 - 252.62 - Qz-CA-sulphide veining common - two phases - early irregular, later regular - lost core							
				60°	252.00 - 257.25 - SHALEY ARGILLITE - black w/ lt grey striping (discontinuous) - not very hard at all => CA alt'n - quite well regular foliation							
				65° - PY lamin S1								
				45° - S1	- interrupted by CA altd stockwork zones which are bleached to med grey colour							
255				45° - lower cont. of alt'n zone 60° - S1	- very minor sulphide along layering							
				45° - S1	254.34 - 255.00 - Qz-CA stockworking CA altd argillite							
				EOH	255.54 - 255.97 - strong CA, stkwk veining 255.97 - 256.54 - broken core - gouge, lost core 256.95 - 257.20 - strong CA, stkwk veining							
					257.20 END OF HOLE							

PAGE 22 OF 22 | PROJECT DROMEDARY | HOLE FRN98-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
		240.79	242.32	1.53	109167	<5	1.0	48	116	24
		242.32	244.0	1.68	68	20	1.2	35	84	8
		244.00	245.30	1.30	69	80	2.2	34	106	102
245.30 - 248.15 - massive PY PØ, fine to med grained - possibly remobilized textures, locally semi-massive dissins.		245.30	246.58	1.38	70	305	6.8	113	564	958
weakly banded locally		246.58	247.19	0.61	71	190	2.0	27	118	118
		247.19	248.15	0.96	72	190	6.2	69	444	934
248.15 - 252.00 - 1-3% PY, w/ SL GL? in late QZ-CA veins - fg PY on bands, lenses		248.15	249.33	1.18	73	65	3.8	45	142	196
		249.33	250.02	0.69	74	35	5	46	22	128
		250.02	252.07	2.05	75	55	96.8	153	3900	1510
252.00 - 257.20 - 0.5% PY, minor PØ as bnd bands/lenses		252.07	253.65	1.58	76	35	58.2	100	398	602
		253.65	255.35	1.70	77	10	2.6	13	130	156
		255.35	257.20	1.85	109178	10	0.6	7	4	150

PAGE OF | PROJECT | HOLE

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION	FRACTURE INTENSITY

DIAMOND DRILL CORE RECOVERY LOG

Prospect : DROMEDARY Hole No : FRN98-05 Page 1 of 3

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc
17.39	18.59	1.20	0.55	46	0.10	8	0.01	72.85	74.83	1.98	1.35	68	0	0	0.0
18.59	20.12	1.53	1.17	76 } 85	0.53	35	0.01	74.83	75.29	0.46	0.18	39	0	0	0.0
20.12	20.42	0.30	0.38	126 }	0.28	93	0.0	75.29	76.50	1.21	1.70	140 } 77	0.15	12	0.00
20.42	23.47	3.05	0.88	30	0	0	0.00	76.50	78.33	1.83	0.66	36 }	0	0	0.00
23.47	26.52	3.05	0.95	31	0	0	0.00	78.33	79.55	1.22	0.91	75	0	0	0.01
26.52	29.57	3.05	0.53	17	0	0	0.02	79.55	80.77	1.22	0.88	72	0.13	11	0.03
29.57	32.61	3.04	1.79	59	0	0	0.00	80.77	81.08	0.31	0.31	100	0	0	0.02
32.61	35.66	3.05	1.50	49	0	0	0.05	81.08	81.99	0.91	0.72	79	0	0	0.02
35.66	38.10	2.44	1.68	69	0	0	0.01	81.99	83.21	1.22	0.85	70	0	0	0.00
38.10	38.71	0.61	0.41	67	0.10	16	0.01	83.21	84.73	1.52	1.25	82	0	0	0.00
38.71	41.15	2.44	1.60	66	0	0	0.02	84.73	85.95	1.22	1.29	106	0.43	35	0.00
41.15	42.98	1.83	1.65	90	0.23	13	0.01	85.95	87.48	1.53	1.12	73	0.10	7	0.01
42.98	44.20	1.22	0.52	43	0	0	0.00	87.48	89.00	1.52	1.04	68	0	0	0.00
44.20	47.85	3.65	1.18	32	0.10	3	0.02	89.00	92.05	3.05	2.14	70	1.52	50	0.00
47.85	50.96	3.11	1.79	58	0.11	4	0.01	92.05	95.10	3.05	1.02	33	0.35	11	0.00
50.96	52.43	1.47	0.59	40	0	0	0.00	95.10	96.62	1.52	1.31	86	0.38	25	0.02
52.43	53.95	1.52	1.96	130 } 100	0.72	48	0.02	96.62	98.15	1.53	1.24	81	0.61	40	0.00
53.95	54.86	0.91	0.45	49 }	0	0	0.01	98.15	101.19	3.04	3.04	100	2.68	88	0.00
54.86	57.00	2.14	1.55	72	0.20	9	0.01	101.19	104.24	3.05	2.77	91	1.83	60	0.00
57.00	60.05	3.05	1.45	48	0.10	3	0.01	104.24	106.38	2.14	2.14	100	1.82	85	0.00
60.05	62.18	2.13	1.91	90	0	0	0.04	106.38	108.20	1.82	1.70	93	1.11	61	0.00
62.18	63.70	1.52	1.10	72	0.26	17	0.01	108.20	109.73	1.53	1.36	89	0.11	7	0.00
63.70	64.31	0.61	0.64	105	0	0	0.02	109.73	111.56	1.83	1.49	81	1.01	55	0.12
64.31	65.84	1.53	1.26	77	0	0	0.03	111.56	113.08	1.52	1.80	118 } 100	1.18	77	0.12
65.84	67.06	1.22	0.88	72	0	0	0.05	113.08	114.91	1.83	1.56	85 }	0.79	43	0.59
67.06	68.58	1.52	1.11	73	0	0	0.04	114.91	117.35	2.44	2.25	92	1.59	65	0.52
68.58	69.19	0.61	0.38	62	0	0	0.00	117.35	117.96	0.61	0.37	60	0	0	0.16
69.19	70.71	1.52	1.26	83	0	0	0.02	117.96	119.48	1.52	1.37	90	0.25	16	0.44
70.71	71.63	0.92	0.76	83	0	0	0.03	119.48	121.01	1.53	1.63	106	0.49	32	1.1
71.63	72.85	1.22	0.89	73	0	0	0.0	121.01	122.83	1.82	1.65	91	1.00	55	1.3

* 25.66 36.10 0.01

DIAMOND DRILL CORE RECOVERY LOG

Prospect : DROMEDARY Hole No : FRN98-05

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc	
122.83	126.19	3.36	2.88	86	2.09	62	0.21	187.59	185.01	1.52	1.42	93	0.71	47	0.00	
126.19	127.10	0.91	0.81	89	0.20	22	0.29	185.01	186.53	1.52	1.34	88	0.10	7	0.00	
127.10	129.24	2.14	2.10	98	1.21	57	0.53	186.53	188.06	1.53	1.47	96	0.88	58	0.00	
129.24	130.45	1.21	1.16	96	0.56	46	0.76	188.06	189.59	1.53	1.32	86	0.66	43	0.00	
130.45	132.28	1.83	1.98	108	0.88	50	0.22	189.59	192.63	3.04	2.87	94	1.11	37	0.00	
132.28	134.42	2.14	2.19	102	1.18	55	0.91	192.63	194.46	1.83	1.00	55	0.55	30	0.01	
134.42	136.25	1.83	1.57	86	1.15	63	1.20	194.46	195.38	0.92	0.49	53	0.00	0	0.00	
136.25	137.16	0.91	1.00	110	0.20	22	0.54	195.38	197.21	1.83	1.39	76	0.33	18	0.00	
137.16	139.29	2.13	1.90	89	0.94	44	1.30	197.28	199.34	2.13	2.50	117	1.52	83	0.00	
139.29	140.51	1.22	1.22	100	0.61	50	0.97	199.34	202.69	3.35	3.12	93	1.60	48	0.00	
140.51	141.43	0.92	1.40	150	0.00	0	0.34	202.69	204.83	2.14	2.00	93	0.88	41	0.00	
141.43	142.34	0.91	0.65	70	0.10	11	0.22	204.83	207.57	2.74	2.47	90	1.38	50	0.00	
142.34	144.78	2.44	2.24	92	1.57	64	0.81	207.57	208.18	0.61	1.40	230	0.64	105	0.01	average well
144.78	145.69	0.91	0.80	88	0.59	65	5.0	208.18	211.23	3.05	1.58	51	0.50	16	0.00	
145.69	148.44	2.75	2.70	98	1.96	71	5.19	211.23	212.14	0.91	0.80	88	0.36	40	0.00	
148.44	149.66	1.22	1.18	97	0.84	69	0.54	212.14	213.16	1.02	1.80	175	0.14	14	0.01	+2.5' ?
149.66	150.88	1.22	1.23	100	0.41	34	0.62	213.16	214.43	1.27	0.76	60	0.10	8	0.00	
150.88	153.92	3.04	2.97	98	2.70	89	0.63	214.43	215.04	0.61	0.45	74	0.00	0	0.00	
153.92	156.97	3.05	2.93	96	1.33	44	0.94	215.04	216.10	1.06	0.99	93	0.23	22	0.00	
156.97	160.02	3.05	3.05	100	2.31	43	2.20	216.10	216.87	0.77	0.54	70	0.11	14	0.01	
160.02	163.07	3.05	2.80	92	1.93	63	1.10	216.87	217.32	0.45	0.32	71	0.10	22	0.01	
163.07	166.12	3.05	3.21	105	2.80	92	1.00	217.32	218.99	1.67	1.35	81	0.24	14	0.00	
166.12	168.55	2.43	2.34	96	1.56	64	0.30	218.99	219.30	0.31	0.28	90	0.10	32	0.00	
168.55	171.60	3.05	2.96	97	1.54	50	0.76	219.30	220.68	1.38	1.28	93	0.55	40	0.01	
171.60	174.65	3.05	3.20	105	1.40	46	0.63	220.68	221.89	1.21	1.80	149	0.60	50	0.01	+2.0' ?
174.65	177.24	2.59	2.24	86	1.60	62	0.11	221.89	223.11	1.22	1.15	94	0.85	70	0.00	
177.24	178.46	1.22	1.20	98	0.22	18	0.00	223.11	224.18	1.07	0.85	79	0.21	19	0.01	average
178.46	179.22	0.76	0.78	100	0.00	0	0.00	224.18	224.64	0.46	0.64	140	0.31	67	0.00	
179.22	181.36	2.14	1.17	90	0.80	38	0.01	224.64	225.25	0.61	0.63	100	0.26	43	0.01	
181.36	183.49	2.13	2.20	103	1.40	66	0.00	225.25	226.47	1.22	0.58	48	0.58	48	0.01	

DIAMOND DRILL CORE RECOVERY LOG

Prospect : DROMEDARY **Hole No :** FRN98-05 **Page** 3 **of** 3

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc
226.47	226.92	0.45	0.52	115	0.25	56	0.00								
226.92	227.84	0.92	0.85	92	0.70	76	0.00								
227.84	228.60	0.76	0.66	87	0.48	63	0.00								
228.60	230.73	2.13	2.20	103	1.60	75	0.00								
230.73	231.95	1.22	1.00	82	0.75	61	0.00								
231.95	232.56	0.61	0.61	100	0.27	44	0.03								
232.56	233.17	0.61	0.66	108	0.14	23	0.00								
233.17	235.92	2.75	0.77	28 } 71	0.55	20 } 31	0.02								
235.92	237.74	1.82	2.60	143 }	0.88	48 }	0.01								
237.74	238.96	1.22	1.10	90	0.40	33	0.00								
238.96	240.79	1.83	1.58	86	0.50	27	0.00								
240.79	241.71	0.92	0.81	88	0.33	36	0.00								
241.71	242.62	0.91	0.62	68	0.00	0	0.00								
242.62	244.75	2.13	1.74	82	0.11	5	0.00								
244.75	245.36	0.61	0.19	31	0.00	0	0.30								
245.36	246.58	1.22	0.48	39	0.10	8	0.52								
246.58	247.19	0.61	0.29	48	0.00	0	0.13								
247.19	248.12	0.93	0.57	61	0.00	0	1.0								
248.12	249.33	1.21	0.76	62	0.00	0	0.01								
249.33	252.07	2.74	1.70	62	0.10	4	0.03								
252.07	253.90	1.83	1.48	81	0.45	25	0.00								
253.90	255.42	1.52	1.42	93	1.40	92	0.06								
255.42	256.64	1.22	0.64	52	0.11	9	0.09								
256.64	257.25	0.61	0.50	82	0.26	43	0.13								
E.O.H.															

EQUITY ENGINEERING LTD.

DRILL LOG

PROJECT: DROMEDARY	COLLAR ELEVATION: 678m
HOLE: FRN 98-06	AZIMUTH: 018°
LOCATION: GRID · L 4100W / 470S	DIP: -45°
LOGGED BY: MURRAY JONES	LENGTH: 131.83 m
DRILLED BY: FALCON DRILLING	HORIZONTAL PROJECTION: 98.3 m
ASSAYED BY: CHEMEX LABS	VERTICAL PROJECTION: 87 m
CORE SIZE: BTW	
DATE STARTED: OCT. 7, 1998	DATE COMPLETED: OCT. 10, 1998
DIP TESTS BY: ACID	

DEPTH	DIP	AZIM	DEPTH	DIP	AZIM
131.0 m	-38.5				

OBJECTIVE
- STEP OUT FROM MINERALIZATION ON SECTION 4000W, 100m WEST, INTENDED TO CUT UPPER AND LOWER SULPHIDE ZONES

ALTERATION SCALE

absent
slight
moderate
intense

SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

SUMMARY LOG

0 - 19.20 - CASING

19.20 - 45.79 - INTERBEDDED SILTSTONE - ARGILLITE, strong Po MINERALIZATION, TRACE Sl, GL

45.79 - 47.70 - MASSIVE PYRRHOTITE ZONE, 0.5% Sl OVERALL

47.70 - 57.90 - INTERBEDDED SILTSTONE - ARGILLITE

50.03 - 55.78 - STRONG SULPHIDE (Po) CONTENT IN ARGILLACEOUS SECTION - 5-30% FINELY DISSEMINATED Po, PLUS? - UPPER SULPHIDE ZONE?

57.90 - 84.12 - SILICEOUS ARGILLITE, MINOR PY BANDS, TRACE Sl

84.12 - 93.20 - SILICIFIED SILTSTONE, STRONG Po CONTENT, AS 50.03 - 55.78 ABOVE, Qz STOCKWORK

92.35 - 93.20 - 8-10% Po, MINOR Sl

93.20 - 94.34 - BRECCIATED MASSIVE PYRRHOTITE, Fg SEMI-MASSIVE LOWER IN INTERVAL

94.34 - 131.83 - SHALEY ARGILLITE, RELATIVELY SOFT

131.83 - END OF HOLE

PAGE 1 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
0					0 - 19.20 CASING. - possibly bedrock @ ~17.00 metres							
					19.20 - 45.79 - INTERBEDDED SILTSTONE - ARGILLITE - dark grey to med. grey colour. - rel. homogeneous appearance - bedding not well defined - Qz-CA veining concentrated around broken zones - faults? - variable CA altn, SI weak, CL variable							
20					21.16 - 24.99 - brkd, broken zone, w/ stockwork Qz-CA veining.							
25				60° PØ-PY band ~50°	24.99 - dark homogeneous rock, characterized by repeated bands of distinct blebs of PØ minor PY - generally as discreet bands - rock is predominantly argillaceous - silty sections characterized by strong CA altn - fine Qz-CA stringers common <1%							
30					29.15 - 29.91 - strong CA, weak CL altn 29.91 - 35.13 - weak CA, CL altn							
				60° - S, 50° - PØ band								
35				65° - S,	35.13 - 42.60 - weak to moderate (patchy) CA altn, weak CL altn. - spotty, weak conductivity							
				75° - 10cm - mx PØ - S								
40					39.83 - 40.68 - strong Qz-CA stockwork, fracture veinlets - PY-PØ assoc'd							

PAGE 2 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
19.20-21.16 - 0.25-0.5% PØ as lenses -one tid QZ-CB vein w/ 10% PØ-PY over 5cm		19.20	21.16	1.96	109179	10	1.8	348	62	1515
21.16-24.99 - 5-10% PØ-PY, trace SL? - as irregular veinlets, lenses, and scattered blebs in broken, stockwork zone.		21.16	24.99	3.83	80	155	3.8	457	1575	2800
		24.99	26.00	1.01	81	<5	0.4	187	18	216
24.99-45.79 - 2-3% PØ, very minor PY, trace SL, GL - generally occurs as blebs and disseminated along bands sub-parallel to S1, 1-10 cm wide. - fairly consistent occurrence over wide interval - locally massive bands/veins of mx PØ, PY - CP common in mx PØ - rapid oxidation of sulphides is common - results in orange to silvery tarnish on sulphides - sulphides in bands show unusual morphologies - curves, arcs, etc - possibly replacing earlier features - ? fossils?		33.55	35.13	1.58	82	45	0.2	162	20	34
		35.13	36.63	1.50	83	80	0.2	124	14	40
		39.16	40.68	1.52	84	50	0.6	220	52	188
39.83-40.68 - 10% PØ/PY as lenses in stockwork zone										

PAGE 3 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		GF	FRACTURE INTENSITY
40												
					42.60 - 45.79 weak CA, moderate to strong conductivity - local bxn, CA matrix							
45				-foln								
					45.79 - 47.70 - SULPHIDE ZONE							
				35 - contact zone	- generally massive PO with small sections of 5-20% sulphide, in argillite							
				PY/PO	- QZ veining common							
					47.70 - 57.90 INTERBEDDED ARGILLITE/SILTSTONE							
					- bedding generally well defined : CA altn especially concid in SILTSTONE, moderate overall, extremely magnetic							
50					- med grey rock, argillaceous component seems greater than in previous holes							
					- QZ-CA stringers common.							
				55 - S_1	- strong sulphidic sections - highly conductive 48.24 - 53.80 - moderate CA altn, primarily in siltstone							
				45 - S_1	50.03 - 50.51 - sulphidic argillite - bxn locally w/ CA matrix							
					52.30 - 53.15 - sulphide zone - patchy to lamel sulphides, minor QZ CA veining, strong CB							
55				45 - S_1	53.80 - 57.90 - argillite section, lt to med grey, extremely fg gn, dense rock, foliation visible, locally bxd - soft sediment?							
					- porphyroblasts common - CB? - SD in ground mass							
			Broken Ground		56.90 - 57.38 - broken ground							
				QZ-CA-SL vein	57.64 - 57.90 - bxd, silicd, ltgrey colour							
				0	57.90 - 84.12 - SILICEOUS ARGILLITE							
					- black, very hard throughout							
					- rock is generally broken badly							
					- locally, pitted core surface, similar to other unit in other hole -> altn (silicic)?							
					- wispy lamy PY locally, also, narrow massive bands							
60				40 - vein/bx zone	- QZ veining common, rock commonly bxd w/ QZ-rich matrix							
					- compositional layering or bedding difficult to							

PAGE 4 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
		40.68	42.30	1.62	109185	15	0.4	357	88	560
		42.30	43.80	1.50	86	15	0.2	388	32	424
		43.80	44.80	1.00	87	5	0.6	447	32	536
		44.80	45.79	0.99	88	20	1.0	180	178	1005
45.79 - 46.54 - 50% PØ, 3-5% SL, PY, trace GL - most of PØ in mx vein(?), SL along fol., stringers		45.79	46.54	0.75	89	15	11.0	118	3210	2.71%
46.54 - 47.70 mx PØ, PY, fgr mx to brec w/ GL-CA matrix		46.54	47.70	1.16	90	10	7.0	71	1885	3670
- SL - ~5% - as blebs, wisps locally - trace GL		47.70	48.80	1.10	91	<5	5.2	30	1895	1590
47.70 - 50.03 - 0.5-1.0% PØ, SL as disin's, minor laminations in argillite, in veinlets		48.80	50.03	1.23	92	<5	5.4	52	1835	1320
50.03 - 50.51 - fine grained sulphide along foln, and pervasive in rock - 10-20% PØ		50.03	50.51	0.48	93	5	6.2	84	2110	482
50.51 - 52.30 - 2-3% PØ as disins in rock, minor layers, in veinlets		50.51	52.30	1.79	94	<5	4.6	32	1555	228
SL in veinlets - trace		52.30	53.15	0.85	95	<5	8.6	57	2640	1125
52.30 - 53.15 - 10% PØ - PY, w/ 1-2% SL and trace GL, as disin blebs, veinlet layers		53.15	54.69	1.54	96	<5	3.0	35	666	234
53.15 - 54.69 - 3-5% very finely disin PØ, PY in argillite, also minor narrow massive bands		54.69	55.78	1.09	97	10	5.8	63	1025	152
54.69 - 55.78 - strongly sulphidic zone, 20-70% finely disin PØ, also mx irregular bands. trace GL, SL?		55.78	57.30	1.52	98	<5	2.4	34	392	118
55.78 - 57.90 3-5% finely disin, to mx bands of PØ - tr GL, SL in fractures, veinlets		57.30	58.52	1.22	99	10	13.8	44	2620	1160
57.90 - 71.42 - 0.25-1.0% PY, as isolated lenses, mina bands also in Qz veinlets - tends to concentrated lenses and layers over short intervals										
		61.87	63.45	1.58	109200	15	2.2	48	52	510

PAGE 5 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL			GF	FRACTURE INTENSITY
					Sne in rock, only visible locally							
					59.10 - 59.62 - CHERT? - strongly silicified HEMATITE							
					64.64 - 77.42 - extremely broken core, locally just rubble							
65				40° silicified fract								
				60° Qz vein/fbx								
70					72.09 - 73.16 - small rubble pieces							
75				60° - fbx	77.42 - 78.00 - strong sulphide section, fbx strongly contorted disaggregates sulphides, - SI & cross cutting veinlets, patchy in mx PY.							
				40° - mx PY vein layer								
80					79.30 - 83.02 - cherty section, marked by Qz stockwork veinlets at both ends. - intense silicification							
				40° Qz vein								
				50° - PY layer	83.02 - 84.12 - Qz veinlet stockwork; broken core.							
				55° CA (fault?)								
85				84.12 - 93.20 (fault?)	SILICIFIED SILTSTONE(?) TO MASSIVE SULPHIDE - layers to 1cm, slightly coarse grain size than unit above. - CB alt'n as above							
				20° S.?								

PAGE 6 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
74.69 - 75.05 - 0.5-1.0% SL, in fracs as wisps in veinlets										
		76.72	77.42	0.70	109201	20	2.4	74	70	366
77.42 - 78.00 - 15-20% PY as bands, bands along foliation veinlets - 1% SL as bands and bands w/ PY, arsid in lower half of section - trace GL		77.42	78.00	0.58	02	80	9.4	108	4210	3.42%
		78.00	79.25	1.25	03	30	1.8	47	164	2240
78.00 - 84.12 - 0.25 - 1.0% PY generally as bands/lenses along foln., also in QZ veins/bx zones - w/ trace SL, GL										
		82.30	83.65	1.35	04	45	2.6	47	50	188
		83.65	84.10	(0.97)	05	30	7.2	49	164	592
84.12 - 87.45: semi-massive to massive sulphide - dominantly PY, w/? - patchy, fracid appearance, QZ stockwk		84.10	85.37	1.27	06	225	4.2	38	1165	162

PAGE 7 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	ALTERATION SI	ALTERATION CL	ALTERATION	ALTERATION	ALTERATION GR	FRACTURE INTENSITY
85					-bedding locally apparent - turbidite?							
					- Qz vnlet stockwork throughout - w/ associd pervasive silicin - moderate to strong.							
				55° - foln	- pervasive sulphide - overcrystallized?							
				81° - S1 ?	- unit is generally extremely conductive - why? - Py is patchy, pipped for the most part - SI in matrix? - lt colour due to leaching of Fe?							
90				foln	- section is extremely magnetic							
					87.45 - 89.15 - only minor Qz veining							
					90.40 - 92.35 - minor Qz veining							
				35° foln								
					93.20 - 93.83 - mx sulphide - weakly brecciated							
					93.83 - 94.34 - semi-mx sulphide, well foln, CA fault? at base.							
				65° - S1								
95					94.34 - 131.83' - SHALEY ARGILLITE							
					- black, massive to lt/dark layering							
				S2°	- generally fairly soft (good scratch)							
				70° along foln	Qz vnlt - only CA on fractures							
				55° - S1	- weakly conductive - nil to moderate							
					- strongly foln locally, 2 or 3 foln directions - especially at top of interval related to fault?							
				55° - S1								
					94.34 - 100.02 Qz vnlets common - locally stockwork, commonly early deformed veins cut by later, high angle tocore veins.							
100				65° - S1								
			B									
			R		100.02 - 102.25 - lt grey siltstone/ argillite - strong CA alt'n							
			O		- core is generally broken							
			K									
			E		102.25 - 104.00 - broken core, dark grey silty argillite, abundant Qz-CA veins/vnlets							
			N									
					104.00 - 104.64 - intense Qz stkwk, strong SI							
105				45° - 10°	104.64 - 111.65 dark grey silty argillite, with bluish caste, variable Qz-CA vnlets to Qz-CB stkwk/bx zones common.							
					- weak CA alt'n weak SI							
					- foln commonly disrupted, interfering foln common also.							

PAGE 8 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
85										
- PO. locally massive, ranging down to 2-3% diss'n.		85.34	86.40	1.06	109207	980	3.8	43	1365	248
- extremely fgr. sulphide through out this section		86.40	87.45	1.05	08	865	2.8	32	1395	66
87.45 - 89.15 3-8% PO, fgr diss'n - more?		87.45	89.15	1.70	09	35	3.6	39	460	212
89.15 - 90.40 - 20-25% fgr PO as disd patches, narrow mx bands.		89.15	90.45	1.30	10	950	3.8	42	576	156
90										
90.40 - 92.35 - 5-8% PO, diss'n, vnlts		90.45	91.45	1.00	11	75	1.8	22	168	120
		91.45	92.35	0.90	12	65	5.0	36	1450	142
92.35 - 93.20 - 8-10% PO, locally massive - SL along foln?		92.35	93.20	0.85	13	25	7.4	39	2340	780
93.20 - 93.83 - mx sulphide, brkd, weakly comminuted - PO + ?		93.20	93.83	0.63	14	325	8.0	90	1510	486
		93.83	94.34	0.51	15	60	4.6	75	876	528
93.83 - 94.34 - 10-15% PO as masses, fgr diss'n 1% SL as vnlets, diss'n		94.34	96.16	1.82	16	15	0.8	45	40	144
95										
94.34 - 100.02 - 0.25 - 1.0% PY, as fgr diss'n and as small bands along foliation - possible fine SL in early, flamed fractal fillings (foln?)		96.16	97.84	1.68	17	10	1.0	46	16	132
100										
100.02 - 120.40 trace to 0.25% PY, trace SL - minor blebs and lenses, wisps along foln										
		102.72	103.93	1.21	18	20	0.6	4	18	630
		103.93	105.04	1.11	19	10	0.4	1	2	62
105										
		106.98	108.50	1.52	109220	10	0.4	1	10	94

PAGE 9 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		QF	FRACTURE INTENSITY
				20° - S_1								
				30° - SL band								
				55° - Qz vein								
110												
				20° - S_1	111.65 - 116.47 Shaley argillite black quite soft well fol'd w/ interbeds of more siliceous siltstone? (med grey)							
					- foln quite variable							
					- S_1 foln related to fault below?							
				60° - S_1								
115				40° - foln S_2?								
				60° - foln								
					116.47 - 120.40 - sand and rubble, fault zone.							
			F		- black sand w/ white Qz fragments							
			A		rubble pieces generally argillite							
			U									
			L									
			T									
			E									
120												
				60° - S_1	120.40 - black argillite, silty layers not as common							
				30° - Qz S_1 vein	- Qz Ea vein common, local small bx zones							
					- Py laminae, isolated, parallel to S_1							
125				70° - Pl. laminae								
					125.88 - 131.83 - fault zone rubble and sand, argillaceous material							
					- hole stopped in fault.							
130					131.83 END OF HOLE							

PAGE 10 OF 10 | PROJECT DROMEDARY | HOLE FRN98-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn	
120.40 - 131.89 - 0.5 - 1.0% PY, generally as fine grained diss'ns. and in ~~and~~ layers of diss'ns to massive pyrite. - blebs in veins and Qz by zones.		120.40	121.90	1.50	109221	15	0.6	86	10	118	

PAGE	OF	PROJECT	HOLE

DEPTH (M)	% CORE REC	% RQD			LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION						FRACTURE INTENSITY

DIAMOND DRILL CORE RECOVERY LOG

Prospect: DROMEDARY Hole No: FRN98-06 Page 1 of 2

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc
19.20	21.95	2.75	2.03	74	0.12	4	0.93	63.40	64.31	0.91	0.77	85	0.23	25	0.00
21.95	23.77	1.82	0.35	19	0	0	0.41	64.31	64.92	0.61	0.49	80	0	0	0.00
23.77	24.99	1.22	0.33	27	0	0	0.95	64.92	66.45	1.53	1.04	68	0	0	0.00
24.99	26.52	1.53	1.32	86	0.30	20	1.60	66.45	67.67	1.22	0.55	45	0.15	12	0.01
26.52	27.43	0.91	0.85	93	0.20	22	4.00	67.67	68.58	0.91	0.59	65	0	0	0.02
27.43	28.04	0.61	0.36	59	0	0	0.09	68.58	69.49	0.91	0.49	54	0	0	0.00
28.04	28.96	0.92	0.61	66	0.11	12	0.51	69.49	69.80	0.31	0.11	35	0	0	0.00
28.96	29.57	0.61	0.50	82	0.12	20	0.67	69.80	70.71	0.91	0.76	84	0.10	11	0.00
29.57	31.70	2.13	1.40	66	0.23	11	0.49	70.71	71.48	0.77	0.48	62	0	0	0.00
31.70	34.75	3.05	3.05	100	1.98	65	0.83	71.49	72.09	0.61	0.29	48	0	0	0.00
34.75	37.80	3.05	2.88	94	1.96	64	0.86	72.09	72.54	0.45	0.12	27	0	0	0.00
37.80	38.71	0.91	0.91	100	0.10	11	0.19	72.54	73.46	0.92	0.30	33	0	0	0.00
38.71	39.32	0.61	0.42	69	0	0	0.20	73.46	74.07	0.61	0.42	69	0.10	16	0.01
39.32	41.15	1.83	1.65	90	0.55	30	0.61	74.07	74.68	0.61	0.14	23	0	0	0.00
41.15	42.67	1.52	1.54	101	0.91	59	0.46	74.68	75.29	0.61	0.60	98	0.10	16	0.00
42.67	43.59	0.92	0.64	70	0.42	46	0.98	75.29	76.96	1.67	1.04	62	0.31	19	0.00
43.59	45.11	1.52	1.45	95	0.50	33	0.42	76.96	77.42	0.46	0.35	76	0	0	0.00
45.11	46.94	1.83	1.83	100	0.75	41	2.00	77.42	79.25	1.83	1.70	93	0.33	18	0.00
46.94	48.77	1.83	1.65	90	0.60	33	2.20	79.25	81.69	2.44	2.46	101	1.88	77	0.00
48.77	49.68	0.91	0.93	102	0.22	24	11.00	81.69	82.30	0.61	0.54	88	0.12	20	0.00
49.68	51.21	1.53	1.41	92	1.10	72	29.00	82.30	83.52	1.22	1.20	98	0.64	52	0.00
51.21	52.73	1.52	1.52	100	0.71	47	44.00	83.52	84.73	1.21	1.77	146	0.96	79	1.4
52.73	54.25	1.52	1.53	101	0.60	39	40.00	84.73	85.34	0.61	0.57	93	0.10	16	2.8
54.25	55.78	1.53	1.31	86	0.98	60	11.00	85.34	87.48	2.14	1.86	87	1.40	65	2.2
55.78	57.30	1.52	1.45	95	0.39	26	27.00	87.48	88.09	0.61	0.61	100	0.16	26	2.1
57.30	58.52	1.22	1.20	98	0.31	25	1.90	88.09	89.15	1.06	0.95	90	0.27	21	7.6
58.52	59.13	0.61	0.64	105	0	0	0.04	89.15	90.53	1.38	1.34	97	0.58	42	2.0
59.13	60.66	1.53	1.55	102	0.40	26	0.00	90.53	91.59	1.06	0.97	92	0.50	47	5.7
60.66	61.87	1.21	1.14	94	0.36	30	0.00	91.59	92.35	0.76	0.54	71	0.10	13	6.4
61.87	63.40	1.53	1.41	92	0.47	31	0.00	92.35	93.42	1.07	1.01	94	0.23	21	2.9

DIAMOND DRILL CORE RECOVERY LOG

Prospect : DRO MEDAL-Y Hole No : FRN98-06 Page 2 of 2

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc
93.42	94.64	1.22	1.03	84	0.21	17	0.87								
94.64	95.25	0.61	0.52	85	0	0	0.04								
95.25	96.16	0.91	0.79	87	0.16	17	0.00								
96.16	97.08	0.92	0.85	92	0.33	36	0.00								
97.08	97.84	0.76	0.55	72	0.10	13	0.00								
97.84	98.30	0.46	0.30	65	0.11	24	0.00								
98.30	99.06	0.76	0.27	35	0	0	0.00								
99.06	100.58	1.52	1.49	98	0.37	24	0.00								
100.58	101.04	0.46	0.30	65	0.00	0	0.00								
101.04	102.11	1.07	0.90	84	0.00	0	0.00								
102.11	102.72	0.61	0.40	66	0.00	0	0.00								
102.72	103.33	0.61	0.49	80	0.11	18	0.00								
103.33	104.24	0.91	0.58	64	0.18	20	0.00								
104.24	106.98	2.74	2.44	89	1.42	52	0.00								
106.98	108.81	1.83	1.59	87	0.80	44	0.01								
108.81	110.95	2.14	1.77	83	0.24	11	0.00								
110.95	112.17	1.22	0.88	72	0.29	24	0.00								
112.17	115.21	3.05	1.22	40	0.10	3	0.00								
115.21	116.43	1.22	1.70	140	0.00	0	0.00								
116.43	116.74	0.31	0.24	77	0.00	0	0.04								
116.74	117.80	1.06	0.40	38	0.00	0	0.04								
117.80	120.40	2.60	0.35	13	0.00	0	0.06								
120.40	123.14	2.74	2.92	106	1.55	57	0.09								
123.14	123.75	0.61	0.56	92	0.00	0	0.08								
123.75	124.66	0.91	0.77	85	0.12	13	0.14								
124.66	125.88	1.22	1.29	106	0.32	26	0.01								
126.95	128.02	1.07	0.12	11	0.00	0	0.04								
128.02	130.76	1.74	0.18	10	0.00	0	0.02								
130.76	131.83	1.07	0.22	20	0.13	12	0.00								
E.O.H.															

EQUITY ENGINEERING LTD.

DRILL LOG

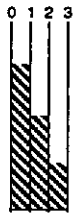
PROJECT: DROMEDARY	COLLAR ELEVATION: 690 m.
HOLE: FRN98-07	AZIMUTH: 018°
LOCATION: GRID · 3900W/4705	DIP: -45°
LOGGED BY: MURRAY JONES	LENGTH: 145.54 m
DRILLED BY: FALCON DRILLING	HORIZONTAL PROJECTION: 109.0 m
ASSAYED BY: CHEMEX LABS	VERTICAL PROJECTION: 96.1 m
CORE SIZE: BTW	
DATE STARTED: Oct 11, 1998	DATE COMPLETED: Oct. 13, 1998

DIP TESTS BY: ACID

DEPTH	DIP	AZIM	DEPTH	DIP	AZIM
145.54	38.5°				

OBJECTIVE
- STEP OUT 100 m EAST ON MINERALIZATION IN FRN96-02,04, TEST FOR ZONATION IN MINERALIZATION IF ANY, TEST NEAR CENTRE OF GRAVITY ANOMALY

ALTERATION SCALE



absent
slight
moderate
intense

SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

SUMMARY LOG

0 - 16.15 - CASING
16.15 - 72.06 - INTERBEDDED SILTSTONE/ARGILLITE, PO, w/ SI-CL-CA ALT'N, TRACE SL, GL
72.06 - 113.50 - SILICEOUS ARGILLITE SHALEY SECTIONS, PY LAMINAE
72.30 - 75.57 - 0.5-3% SL, AS WISPS, LENSES ALONG FOLIATION - UPPER SULPHIDE ZONE
113.50 - 124.97 - CHERT, OR SILICIFIED ARGILLITE
124.97 - 127.70 - SILICEOUS ARGILLITE
127.70 - 132.95 - LOWER SULPHIDE ZONE, MASSIVE TO SEMI-MASSIVE PO, PY, SHALEY SECTIONS
132.95 - 145.54 - SHALEY ARGILLITE, LOCALLY SILICEOUS
145.54 - END OF HOLE

PAGE 1 OF 12 | PROJECT DROMEDARY | HOLE FRN98-07

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		GF	FRACTURE INTENSITY
					0 - 16.15 CASING.							
					16.15 - 72.06 INTERBEDDED SILTSTONE / ARGILLITE - rock is lt gray to dark gray, blue-gray to dark gray-green according to altn - variable CA SI CL altn +/o - interbeds are finely coarse w/ finer laminations w/in sections - QZ-CA veining very common +/o, sulphides present generally - hairlike veinlets to 2cm veins, 0 vein/bx zones.							
					16.15 - 20.72 - moderate CA altn, pervasive and in veinlets							
				17° - CB-PO-CA vein								
					20.72 - 27.42 - moderate SI altn, trace CA							
				55° SI	23.74 - 24.38 - weak CL, in bands, patches							
				35° S1								
				23° - S1?	27.42 - 35.39 weak to moderate CA, CB, weak SI, trace CL - late stringers/veinlets of CA, PO, var. low angle to core axis							
				30° - slip								
				42° S1								
				47° - PO-SI veinlet								
				42° - S1								
					35.39 - 40.01 moderate CL altn, creates spotty texture locally - porphyroblasts of? - coarse CA veins common - also moderate CA altn - sulphides common disg foln							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
16.15 - 18.72 - 3-5% PØ minor PY, trace CP. - as massive veins/stringers and disid blebs along foln. usu. concid in bands		18.10	19.10	1.00	109222	<5	1.0	280	12	68
18.72 - 19.08 - strongly concid band of PØ-PY, plus ? - fgr. sulphides generally - 20%										
19.08 - 22.10 - 2-3% PØ, stringers and veins, disins, blebs		21.79	22.40	0.61	23	<5	8.8	1730	916	3690
22.10 - 23.74 - couple sections of massive PØ - minor CP, also concid band, 30% PØ overall.		22.40	23.74	1.34	24	<5	3.0	551	248	3180
23.74 - 28.60 - 3-8% PØ, as fgr. disins blebs and mx PØ - minor CP in veins.										
		26.20	27.70	1.50	25	<5	1.0	314	66	120
		27.70	28.60	0.90	26	<5	0.2	187	6	78
28.60 - 35.39 - 2-5% PØ as blebs/disins along foln, mx veinlets/stringers - trace Sh as blebs, small masses in PØ veins.										
35.39 - 40.01 - 1-3% PØ mostly as blebs in concid bands, minor mx stringers, veins. - trace Sh as blebs along foln in spotted sections		36.70	38.20	1.50	109227	<5	0.2	81	8	Pb

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		GF	FRACTURE INTENSITY
				40 - CA vein								
				30 - S1	40.01 - 41.45 - mod. SI, wk CL, weak mineralized section							
				55 - mx PB band	41.45 - 45.63 - mod. CL, mod CA alln, relatively homogeneous section.							
					45.63 - 46.94 - CA bx zone coarse grained carbonate matrix supported.							
					46.94 - 49.10 - moderate CL, CA, weak SI alln - locally brec'd zones							
					* Nb: 46.94 to 47.16 - 0.5m more core than interval. *							
					49.10 - 50.24 strong CA alln - bleached light grey wk CL in bands							
					50.24 - 51.65 mod. CL, CA alln, wk SI							
					51.65 - 59.85 - weak SI, trace CA, CL alln - mineralized section. - veining and brecciation common t/o section.							
				45 - slip or clay	53.40 - 53.99 - QZ stockwork, shear zone?							
				35 - S1	54.80 - 56.00 - semi-massive to massive sulphide							
				40 - S1								
				75° - slip?								
				60 - SL-GL-CA vein								
					58.52 - 59.85 - wk banded CL							
				40 - S1? Pbn	59.85 - 60.47 - strong CA alln, wk CL, wk SI							

PAGE 4 OF 12 | PROJECT DROMEDARY | HOLE FRN98-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
40.01 - 41.45 - 5-8% PY, diss and blebs along foln - mx PY band from 40.80-41.04 / 1-2% CP, also 1-2% SL, GL as bands at top of mx PY in band		40.01	41.45	1.44	109228	<5	3.0	397	892	7350
41.45 - 45.63 - 2-3% PY, as diss, blebs and mx stringers.										
45.63 - 46.94 - 0.5% PY-PO in bx fragments		45.63	46.94	1.31	29	<5	<0.2	14	22	514
46.94 - 51.65 - 3-5% PY, trace SL, PO - as blebs, diss and massive veinlets - SL as wisps, blebs along foliation		47.37	48.43	(1.56)	30	<5	0.2	58	24	1995
51.65 - 54.80 - 5-8% PY, as diss/blebs massive to semi-massive layers and veins, and in fracture		51.65	53.40	1.75	31	30	1.6	260	28	204
		53.40	54.00	0.60	32	25	2.6	315	20	122
		54.00	54.80	0.80	33	40	4.8	480	24	260
54.80 - 56.00 - semi-mx to mx PY generally along foliation - crackle brx'n common w/ oxidation of sulphides along fracture		54.80	56.00	1.20	34	100	13.8	1220	140	292
		56.00	57.50	1.50	35	20	3.6	201	882	1395
56.00 - 58.52 - 2-5% PY, trace SL-Cpy as blebs, small masses and veinlets in brx'd, broken section								"		
58.52 - 62.70 - 2-3% diss and blebs of PY, local cavity bands.										

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		GR	FRACTURE INTENSITY
				55° foln - S.?								
				60° foln								
				50° vein - CB								
				62 - S.								
				30 CA veins								
					66.00 - 67.44 . strong CA, wk SI							
				50 · PY band	67.44 - 72.06 mod. CL, wk SI, mod CA alt'n							
				40/45 S.? foln								
					72.06 - 73.50 - SILICEOUS ARGILLITE							
					- black, hard bedding difficult to distinguish homogeneous appearance							
					- characterized by foln(?) w/ stylolitic texture							
					- PY bands, fg, massive, < 1cm common - difficult to say if parallel to S., but they have a relatively consistent attitude							
					- wk SI alt'n							
					72.06 - 72.30 · brx'd section, strongly leached							
				60 - S.? - PY bands/cm	73.50 - 77.72 - very broken core, lost core common.							
					* Nb: lost core in mineralized section from 72.06 - 75.57 ~ 50%							
				80 - gouge 2cm								
					82.18 - 83.97 : mod. SI alt'n, weak QZ stockwork veinlets.							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
62.70 - 66.00 5-8% PO, trace CP, PY - as mx bands, concid dissins/blebs along layers										
66.00 - 67.44 - 8-10% PO as above, lesser blebs.		66.00	67.44	1.44	109236	30	1.2	567	8	116
67.44 - 70.91 5-8% PO as bands of blebs, massive veins/shingers										
		69.40	70.85	1.45	37	35	1.4	471	12	44
70.91 - 72.06 - 2-3% PO, as blebs in concid layers (silty layers)		70.85	72.06	1.21	38	<5	0.2	97	2	64
72.06 - 72.80 - 2-3% SL as wisps and narrow lenses along foln. w/ 1-2% PY as lenses.		72.06	72.69	0.63	39	<5	0.6	120	4	84
		72.69	74.68	1.99 (actually 1.3 m core)	40	10	1.8	70	196	1555
72.80 - 75.57 - 0.5 - 1.0% SL, <0.5% PY - SL in fracs, veinlets, stockwork - PY as lenses along foln		74.68	75.57	0.89	41	<5	0.8	35	22	190
75.57 - 82.18 1-2% PY as very fine diss'n, commonly along foln or S, - locally narrow (generally < 0.5 cm) mx bands or layers or lenses.		75.57	77.11	1.54	42	<5	1.2	26	12	94
- trace SL?		77.11	78.70	1.59	43	<5	1.0	32	18	128
		78.70	80.05	1.35	44	<5	1.8	47	24	142
82.18 - 83.97 - 0.5 - 1.0% SL, in fracture, stockwork veinlets, - 0.5% PY in fine diss'n, minor lenses or chalcopyrite		82.18	83.90	1.72	109245	10	1.8	69	198	1.01%

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		GF	FRACTURE INTENSITY
					83.97 - 94.10 - homogeneous, cherty argillite - bedding quite obscure - PY laminae less often above - locally broken, and also crackle b/x w/ tiny QZ stringers							
				55° - fol'n (slip?)								
				50 - S1								
				65° - S1								
				60° - dom gouge 5cm	94.10 - 113.50 - black argillite, not as hard, easily scratched in sections - PY laminae quite common - otherwise homogeneous rock - broken sections common - QZ veinlets and stockwork locally - also, sections (<50%) of siliceous argillite. - overall the unit is moderately to strongly conductive, the siliceous layers are only very weakly conductive							
				65° - S1								
				52° - S1 - PY laminae								
				70° - small shear								
				45° - S1, PY lam.								
				70° - S1 - PY laminae								

PAGE 8 OF 12 | PROJECT DROMEDARY | HOLE FRN98-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
83.97 - 94.10 · 0.25 - 0.5% PY, as very fine grained disseminations, minor blebs along fractures										
94.10 - 113.50 2-3% PY, laminae and concretions common, but also, abundant fgr. dissem HD rock mass. - platings of PY, PO? on fracture surfaces common.		94.10	95.71	1.61	109246	5	2.2	66	66	276
		95.71	97.20	1.49	47	5	2.0	54	76	122
97.04 - 98.80 / trace SL as stringers in Qz veinlets, small wisps		97.20	98.70	1.50	48	10	2.8	89	66	514
		98.70	100.28	1.58	49	25	4.8	115	82	498
		100.28	101.96	1.68	109250	5	1.8	51	38	110
		103.63	104.85	1.22	109401	10	3.6	114	92	894

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DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		QF	FRACTURE INTENSITY
				60° - fol'n								
				45° fol'n - S?								
				60° Qz veinlet								
					113.50 - 124.97 CHERT - an siliceous ARGILLITE - med grey colour, rel. homogeneous. - Qz stockwork veinlets common							
				75° - S1? 50° - Qz-bx vein	- S1 apparent - usually as light coloured bands - PY layers/laminae also common - crackle bx'n throughout, locally bx'd							
				75° - PY layer S1?								
				85° - PY layer								
				38° - Qz vein/ silicic layer?								
				68° - Qz vein/bx	124.97 - 127.70 - SILICEOUS ARGILLITE black, moderately conductive, relatively hard - PY layers common - section is strongly broken, faulted? - fault contact both ends of section 126.49 - 127.86 - broken, rubble to good, bx't core common.							

PAGE 10 OF 12 | PROJECT DROMEDARY | HOLE FRNTJ-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
113.50 - 124.97 0.5-1.0% PY, primarily as mm. fgr. bands, parallel to S., also as anhd blebs in vein/fx zones.		116.13	117.26	1.13	109402	10	0.8	36	14	52
		117.26	118.26	1.00	03	<5	0.8	48	28	74
124.97 - 127.70 . 2-5% PY, in bands, wisps, fractures, also in fault gouge.		124.97	126.49	1.52	04	80	11.0	116	1760	4100
		126.49	127.70	1.21	05	55	4.8	65	122	510

PAGE 11 OF 12 | PROJECT DROMEDARY | HOLE FRN98-07

DEPTH (M)	% CORE REC	% RQD	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA	SI	CL	CB		GF	FRACTURE INTENSITY
					127.70 - 132.95 LOWER SULPHIDE ZONE. - massive to semi-massive PO, minor PY - crackle brid. silica veinlet stkwk +/- dark material (graphite?) in fractures, also graphitic argillite interlayers							
				26° - foln	129.93 - 131.92 - massive PO section							
					131.92 - 132.95 - strongly sheared, at least 3 foln attitudes, disaggregates sulphide layers - QZ vein stockwork also							
				9° - contact								
					132.95 - 145.54 - SHALEY ARGILLITE							
				43° - S_1	- black to grey, locally alternating							
				28° - S_2	- small, CA-QZ veinlet stockwork/bx zones,							
				60° - S_3	- early deformed and later vein ages							
				30° - S_4	- moderate CA altn overall, varies from							
				55° - S_1	nil to strong							
					- SI only very locally							
					- locally, CA replaced blebs, unusual shapes, fossils?							
				75° - S_1? CA altn	138.45 - 141.65 - massive, black, argillite relatively hard.							
				68° - S_1								
				57° - S_1								
				70° - vein bx								
				48° - S_1								
				43° - QZ-CB units								
					145.54 END OF HOLE							

PAGE 12 OF 12 | PROJECT DROMEDARY | HOLE FRN98-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	Ag	Cu	Pb	Zn
127.70 - ~ 127.90 - mx PO, PY, PYa dsm'd blebs in PO		127.70	129.54	1.84	109406	10	4.8	147	342	894
127.90 - 129.54 - grained ore - black argillite 2-3%, PY, PO as dsms, in fols,										
129.54 - 129.93 - 5-10% PY, PO along fols, in veins, dsms in rock		129.54	129.94	0.40	07	75	7.0	89	3420	2730
		129.94	130.94	1.00	08	110	3.8	73	1290	654
129.93 - 131.92 - mx sulphide, PO, crackle bxd, graphite(?) in fols		130.94	131.92	0.98	09	710	6.6	72	2500	1360
131.92 - 132.95 - 10-20% PO, PY, as massive layers, lenses, stringers, and as dsms in silic'd host.		131.92	132.95	1.03	10	65	3.4	83	336	948
		132.95	134.45	1.50	11	30	1.8	43	48	160
132.95 - 135.90 - 3-5% PY as dsms, small lenses along foln, minor amount in Qz - CA stockwork veinlets		134.45	135.94	1.49	12	30	3.4	49	18	152
135.90 - 145.54 0.5-1.0% PY, as fg dsms along foln, small patches, assoc'd w/ CA alln - trace Sl in fine stringers										
		143.36	144.86	1.50	109413	<5	<0.2	5	8	54

PAGE	OF	PROJECT	HOLE

DEPTH (M)	% CORE REC	% RQD			LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION						FRACTURE INTENSITY

DIAMOND DRILL CORE RECOVERY LOG

Prospect: DROMEDARY Hole No: FRN98-07 Page 1 of 2

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc
16.15	17.98	1.83	1.54	84	0.43	23	0.32	71.63	72.69	1.06	0.96	90	0.17	16	0.13
17.98	20.73	2.75	2.60	95	1.56	57	0.50	72.69	74.68	1.99	1.27	64	0.11	5	0.10
20.73	21.79	1.06	1.40	132	0.72	68	0.63	74.68	75.29	0.61	0.32	52	0.12	20	0.01
21.79	23.77	1.98	1.90	96	1.80	91	0.91	75.29	75.90	0.61	0.56	92	0.22	36	0.00
23.77	25.60	1.83	1.71	93	1.33	73	0.22	75.90	77.11	1.21	0.60	50	0.25	21	0.01
25.60	26.82	1.22	1.21	99	0.67	55	0.37	77.11	77.72	0.61	0.36	59	0.11	18	0.01
26.82	28.96	2.14	2.14	100	1.39	65	0.25	77.72	78.94	1.22	0.97	80	0.13	11	0.00
28.96	29.87	0.91	0.84	92	0.62	68	0.27	78.94	80.92	1.98	1.46	74	0.23	12	0.00
29.87	31.09	1.22	1.60	131	0.62	51	0.52	80.92	81.07	0.15	0.05	33	0.00	0	0.00
31.09	32.92	1.83	1.75	96	0.64	35	0.61	81.07	82.60	1.53	1.38	90	0.13	8	0.01
32.92	34.14	1.22	1.09	89	0.59	48	0.14	82.60	83.97	1.37	1.31	96	0.28	20	0.00
34.14	35.97	1.83	1.92	105	1.33	73	0.12	83.97	86.11	2.14	1.90	89	0.49	23	0.00
35.97	38.10	2.13	2.08	98	1.54	72	2.10	86.11	87.78	1.67	1.66	100	0.53	32	0.01
38.10	39.01	0.91	0.86	95	0.60	66	0.06	87.78	89.61	1.83	1.63	89	0.65	36	0.02
39.01	41.45	2.44	2.47	101	1.48	89	0.26	89.61	90.83	1.22	1.13	93	0.11	9	0.00
41.45	45.11	3.66	2.53	69	1.96	54	0.72	90.83	93.88	3.05	2.64	87	1.36	44	0.01
45.11	46.94	1.83	1.90	104 92	1.48	81	0.07	93.88	94.79	0.91	0.50	55	0.10	11	0.00
46.94	48.16	1.23	1.76	143	0.96	78	2.70	94.79	95.71	0.92	0.72	78	0.00	0	0.00
48.16	50.29	2.13	1.91	90	1.05	49	0.16	95.71	96.62	0.91	0.63	69	0.00	0	0.00
50.29	51.21	0.92	1.08	118	0.68	74	0.57	96.62	97.54	0.92	0.71	77	0.10	11	0.00
51.21	51.82	0.61	0.54	88	0.15	25	0.20	97.54	98.91	1.37	1.11	81	0.10	7	0.00
51.82	54.25	2.43	2.02	83	0.58	24	1.10	98.91	100.28	1.37	1.09	80	0.00	0	0.00
54.25	57.30	3.05	3.00	99	1.40	46	1.70	100.28	100.58	0.30	0.15	50	0.00	0	0.00
57.30	58.52	1.22	1.95	160	0.11	9	0.33	100.58	101.35	0.77	0.49	64	0.00	0	0.00
58.52	60.35	1.83	1.80	98	0.55	30	0.28	101.35	101.96	0.61	0.55	90	0.13	21	0.00
60.35	63.40	3.05	3.02	99	2.09	68	1.50	101.96	103.63	1.67	0.85	51	0.00	0	0.00
63.40	66.45	3.05	3.01	99	2.51	82	0.73	103.63	104.85	1.22	0.88	72	0.10	8	0.00
66.45	68.58	2.13	1.75	82 100	1.28	60	0.57	104.85	106.07	1.22	1.05	86	0.13	11	0.00
68.58	69.49	0.91	1.28	140	0.48	53	0.34	106.07	106.83	0.76	0.46	60	0.00	0	0.00
69.49	71.63	2.14	1.98	92	1.56	73	0.78	106.83	107.28	0.45	0.42	93	0.00	0	0.00

Prospect : Dromedary

DIAMOND DRILL CORE RECOVERY LOG

Hole No : FRN98-07

From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc.	From (metres)	To (metres)	Interval (metres)	Recovery (metres)	Recovery (%)	RQD (metres)	RQD (%)	Mag. Susc
107.28	108.36	1.08	0.51	47	0.12	11	0.00								
108.36	110.03	1.67	1.39	83	0.10	6	0.00								
110.03	110.95	0.92	0.46	50	0.00	0	0.00								
110.95	111.25	0.30	0.24	80	0.00	0	0.00								
111.25	112.17	0.92	0.67	73	0.00	0	0.00								
112.17	113.08	0.91	0.77	85	0.00	0	0.00								
113.08	113.69	0.61	0.17	28	0.00	0	0.00								
113.69	114.45	0.76	0.22	29	0.00	0	0.02								
114.45	116.13	1.68	1.33	79	0.64	38	0.00								
116.13	117.81	1.68	1.58	94	0.79	47	0.00								
117.81	119.18	1.37	1.24	91	0.22	16	0.00								
119.18	120.40	1.22	0.89	73	0.11	9	0.02								
120.40	121.92	1.52	1.42	93	0.37	24	0.01								
121.92	122.53	0.61	0.28	46	0.00	0	0.02								
122.53	123.44	0.91	0.72	79	0.00	0	0.01								
123.44	124.97	1.53	1.30	86	0.44	29	0.01								
124.97	126.49	1.52	0.59	39	0.00	0	0.00								
126.49	126.95	0.46	0.04	9	0.00	0	0.00								
126.95	127.86	0.91	0.37	41	0.00	0	0.19								
127.86	129.54	1.68	0.17	10	0.00	0	0.05								
129.54	131.83	2.29	2.30	100	1.32	57	0.96								
131.83	134.87	3.04	3.04	100	2.02	66	0.37								
134.87	135.94	1.07	0.84	79	0.27	25	0.01								
135.94	137.78	1.84	1.79	97	0.92	50	0.00								
137.78	139.60	1.82	1.52	84	1.01	55	0.01								
139.60	142.04	2.44	2.60	107	1.73	71	0.00								
142.04	142.65	0.61	0.27	44	0	0	0.00								
142.65	145.54	2.89	2.84	98	2.20	76	0.01								

APPENDIX E

PETROGRAPHY

EQUITY ENGINEERING LTD.

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December 2, 1998

John Payne
Vancouver Petrographics
Box 39
8080 Glover Road
Langley, B.C.
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Dear John,

I have included **5 rock samples for 6 polished thin sections** from a recent drill program which Equity completed on the Dromedary Property SEDEX target within the Selwyn Basin in the Yukon. The rocks should be halved along the lines drawn on each and a polished thin section made from the half indicated. The total sections should be six, as sample Drom98-04 has two sections. The remaining halves should have the cut surface polished, but not lacquered. The sections should be numbered as in the descriptions below.

The rocks are all from a section of siliceous argillite to chert (silicified?) and interbedded siltstone/argillite which host a couple mineralized horizons including an extensive pyrrhotite/pyrite zone at the base of the section. Previous drilling intersected laminated to massive pyrite-sphalerite-galena over narrow widths in the same area. We feel that there is considerable potential for a large SEDEX deposit in the vicinity and I am trying to gain as much knowledge as I can to try and fit what we have so far into the bigger picture.

The rocks represent some styles of mineralization which are not necessarily high grade base metal mineralization but which may provide some clues about the mineralizing system. Rocks Drom98-01 and -05 are examples of possibly laminated pyrite mineralization which is commonly concentrated in the section immediately above and below the base metal and massive pyrrhotite-pyrite mineralization. Samples Drom98-02 to -04 are from an unusual alteration(?) zone which corresponds to the mineralized section but which is different in several ways. There appears to be a very high carbonate component (siderite, based on geochem indicating very high Mn and high Fe values) associated with very concentrated, finely disseminated (laminated?) pyrrhotite resulting in a dense rock with extremely high magnetic susceptibility. As well, the section contains anomalous base metal values, particularly in lead (averaging 0.1 to 0.25% Pb). I am speculating that this alteration zone represents a possible lateral facies variation in the overall mineralized system. At any rate, I would be very interested in determining the mineralogy of the rocks and, if possible, some implications of the textures which are observable.

Following is a list of the samples (all polished thin sections):

Drom98-01 DDH FRN98-05, 224.9 metres depth, no geochem sample.

This sample includes two pyrite laminae in a siliceous argillite to chert unit. I am interested in the mineralogy of the layers, and whether there is any evidence of layering within them, such as grain size variation, and their relationship to the host rock. Also, what is the nature of silica in the host rock; cherty sediment or silicified sediment? Can you say anything about the origin of the banding in the rock? Other thoughts?

Drom98-02 DDH FRN98-06, 53.50 metres depth, sample 109196.

This sample is supposedly of altered, interbedded siltstone-argillite. What is the mineralogy of the bands in the rock? In particular, is it carbonate that is found throughout the rock and how is it occurring? Paragenetic information? Any sulphides present? Is the carbonate overprinting primary bedding or was it part of the original bedding i.e. precipitated from seawater?

Drom98-03 DDH FRN98-06, 55.15 metres depth, sample 109197.

Section of heavily concentrated pyrrhotite in laminated, carbonate-altered sediment. Possible graded bedding, if not in the thin section, check the hand specimen. Evidence of brecciation of the sediment, possibly soft sediment slump? There is a cross-cutting massive pyrrhotite and ?? vein in the hand specimen. Lead values are elevated in this section, is there any evidence of galena? Textures? Can you see how the sulphides relate to the laminations in the rock?

Drom98-04A and 04B DDH FRN98-07, 55.35 metres depth, sample 109197.

Laminated to brecciated, sulphidic sediment, as Drom98-03. Should be two polished sections, A and B. Section A should have brecciated and laminated texture. Sulphide textures and mineralogy? Can you see any galena and how it occurs? Any sphalerite? Section B has less brecciation and I am interested in the monomineralic band in the middle of this section.

Drom98-05 DDH FRN98-07, 98.25 metres depth, sample 109248.

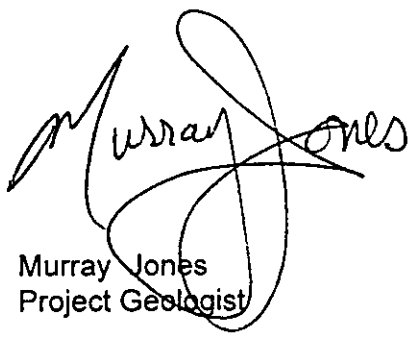
Sample of siliceous to black argillite with very common pyrite laminae in the section. Laminae look to be bedding or foliation parallel. Commonly, the pyrite laminae show deformation. Generally, the rock is conductive. Trace sphalerite has been noted as stringers and small wisps along foliation. I am interested in the nature of the pyrite laminae, bedding or foliation? Mineralogy of the sulphide layers? Other textures, impressions?

Please call me at 688-9806 when you get these samples so I can answer any questions you may have and we can discuss the samples and my objectives in more detail.

Thank you.

Yours truly

EQUITY ENGINEERING LTD.



Murray Jones
Project Geologist

Vancouver Petrographics Ltd.

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Report for:

Murray Jones,
Equity Engineering Ltd.,
207 – 675 West Hastings Street,
Vancouver B.C., V6B 4N2

December, 1998

Project: **Dromedary Property, Selwyn Basin, Yukon**

Samples:

Drom Series:	**98-01:**	**DDH FRN-98-05 224.9 m**
	98-02:	**DDH FRN-98-06 53.50 m**
	98-03:	**DDH FRN-98-06 55.15 m**
	98-04A:	**DDH FRN-98-07 55.35 m**
	98-04B:	**DDH FRN-98-07 55.35 m**
	98-05:	**DDH FRN-98-07 98.25 m**

Summary:

Drom 98-01 is a finely laminated argillite containing a few layers rich in sedimentary pyrite. The argillite contains minor detrital quartz grains in a cryptocrystalline groundmass of sericite and quartz. A few thin, discontinuous layers are of recrystallized (possibly replacement) quartz, and a few diffuse replacement patches are of quartz-sericite. A set of discontinuous, irregular veinlets and veins at a high angle to bedding are dominated by one or more of sericite, quartz, and plagioclase. Late wispy seams of carbonaceous opaque and minor pyrite veinlets truncate some of the quartz veinlets.

Sample Drom 98-02 is a finely banded rock containing disseminated euhedral grains of magnetite in a groundmass of recrystallized, porphyroblastic calcite and minor lenses and patches of quartz. The rock may have formed by replacement of finely banded argillite or recrystallization of micritic, carbonaceous limestone. Scattered replacement patches are of coarser-grained calcite and minor galena. Veins and veinlets are of calcite with minor quartz, pyrrhotite, and Mineral X.

Sample Drom 98-03 contains a large fragment dominated by cryptocrystalline ankerite with irregular patches and seams of pyrrhotite and much less abundant magnetite and arsenopyrite. The main rock is well banded and composed of ankerite with lesser quartz and pyrrhotite, and much less abundant magnetite and arsenopyrite. No evidence was seen of graded bedding. A few recrystallized patches are of ankerite. Veins and replacement patches are of quartz, ankerite, and apatite(?). A veinlike zone is dominated by pyrrhotite with less abundant ankerite, magnetite, and arsenopyrite.

Sample Drom 98-04A is a massive to weakly banded rock dominated by ankerite with disseminated patches and lenses of pyrrhotite and magnetite. A few bands are of isotropic silica with patches of very fine-grained quartz. Abundant replacement patches are of slightly coarser-grained ankerite and quartz, and interstitial patches and veinlets are dominated by very fine-grained quartz. A veinlet is of pyrrhotite. A few veinlets are of quartz. A late seam contains abundant carbonaceous opaque. No galena or sphalerite were identified.

Sample Drom 98-04B is a well and very finely banded rock dominated by ankerite with wispy lenses of pyrrhotite and magnetite. Cherty silica is concentrated in a few bands up to a few mm thick with minor to moderately abundant, disseminated patches of ankerite. One of these contains abundant dusty pyrobitumen. Recrystallized patches are of slightly coarser-grained ankerite and much coarser-grained quartz. A few veinlets of quartz-ankerite are most abundant cutting the silica-rich layers. A few irregular seams are of pyrobitumen and minor pyrrhotite. No galena or sphalerite were identified.

Sample Drom 98-05 is a well foliated, cherty argillite consisting of cryptocrystalline silica and moderately abundant to very abundant, dusty carbonaceous opaque. Pyrite and carbonaceous opaque are concentrated moderately to strongly in bands parallel to foliation. Pyrite shows abundant, primary spheroidal textures. The rock was brecciated, and fragments were healed by quartz with disseminated patches of pyrrhotite-(chalcopyrite), pyrite, and of pyrobitumen. Fragments are cut by numerous veinlets of quartz with minor to moderately abundant patches of pyrrhotite, pyrite, and pyrobitumen. Late seams are of carbonaceous opaque and minor pyrrhotite.

Several photographs were taken to illustrate some of the textures.

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Drom 98-01 DDH FRN-98-05 224.9 m Banded Argillite, Pyrite-rich Layers; Veins: Sericite-Quartz

The sample is a finely laminated argillite containing a few layers rich in sedimentary pyrite. The argillite contains minor detrital quartz grains in a cryptocrystalline groundmass of sericite and quartz. A few thin, discontinuous layers are of recrystallized (possibly replacement) quartz and a few diffuse replacement patches are of quartz-sericite. A set of discontinuous, irregular veinlets and veins at a high angle to bedding are dominated by one or more of sericite, quartz, and plagioclase. Late wispy seams of carbonaceous opaque and minor pyrite veinlets truncate some of the quartz veinlets.

detrital quartz minor

groundmass

sericite	50-55
quartz	20-25
pyrite	5- 7
carbonaceous opaque	0.3

pyrite-rich bands

sericite	5- 7	chalcopyrite	trace
pyrite	4- 5	sphalerite	trace
quartz	0.3	tourmaline	trace
plagioclase	0.3		

replacement

quartz-sericite 1- 2

veins, veinlets

1) sericite-quartz-plagioclase-(pyrite) 7- 8
2) carbonaceous opaque-(pyrite) 0.3
3) pyrite 0.1
3) plagioclase 0.2

Quartz forms minor disseminated, detrital grains mainly from 0.03-0.06 mm in size, and a few from 0.1-0.15 mm in size.

These are set in a groundmass of sericite and lesser primary quartz A subhedral, prismatic tourmaline grain 0.07 mm in size is pleochroic from colourless to light green. Pyrite forms minor disseminated grains mainly from 0.005-0.01 mm in size.

One band 2 mm wide consists of slightly coarser grained sericite with moderately abundant to abundant disseminated pyrite grains averaging 0.091 mm in size, with scattered anhedral pyrite grains from 0.03-0.2 mm in size. The content of extremely fine-grained pyrite increases gradually towards one side of the band. Chalcopyrite and sphalerite form minor grains from 0.005-0.0 2 mm in size, in part intergrown with pyrite and in part away from pyrite. Quartz and plagioclase form scattered equant grains from 0.07-0.1 mm in size. Tourmaline forms an anhedral grain 0.05 mm in size.

A band 2 mm wide at one end of the section is contains abundant disseminated pyrite grains mainly from 0.003-0.01 mm in size intergrown with cryptocrystalline sericite. A few spheroidal pyrite patches are from 0.02-0.03 mm across. The band contains a few sericite-rich seams parallel to its length. The part of this band with less abundant pyrite grades texturally into two of the larger some of the sericite-plagioclase veins.

(continued)

A few irregular replacement patches are of extremely fine to very fine-grained quartz and minor sericite. Some of these cut across a few wispy seams of carbonaceous opaque. These patches represent zones of silicification.

Veins and veinlets up to 1 mm wide subperpendicular to foliation are of variable amounts of extremely fine to very fine-grained quartz and extremely fine-grained sericite. In some sericite-rich veins, plagioclase forms disseminated, elongate prismatic grains mainly from 0.1-0.2 mm long.

Discontinuous veinlets perpendicular to bedding from 0.02-0.1 mm in width are of extremely fine to very fine-grained quartz. Most of these are truncated by wispy seams from 0.005-0.05 mm in width of carbonaceous opaque, some of which contain minor pyrite. A few are offset slightly on the seams.

A few veinlets up to 0.03 mm wide are of extremely fine-grained pyrite. Some contain minor patches of chalcopyrite from 0.02-0.04 mm in size.

A few veinlets up to 0.1 mm wide are of very fine-grained plagioclase, in which grains are oriented perpendicular to vein walls.

Sample Drom 98-02 DDH FRN-98-06 53.50 m

Recrystallized, Magnetite-Bearing, Banded, Carbonaceous Limestone; *Calcite-(Quartz-Pyrrhotite-Mineral X) Veins*

The sample is a finely banded rock containing disseminated euhedral grains of magnetite in a groundmass of porphyroblastic calcite and minor lenses and patches of quartz. The rock may have formed by replacement of finely banded argillite or recrystallization of micritic, carbonaceous limestone. Scattered replacement patches are of coarser-grained calcite and minor galena. Veins and veinlets are of calcite with minor quartz, pyrrhotite, and Mineral X.

calcite	80-83%
magnetite	10-12
quartz	2- 3
carbonaceous opaque	0.5
pyrrhotite	0.3
galena	minor
arsenopyrite	minor
veins	
calcite-(quartz-pyrrhotite-Mineral X)	5- 7

Calcite forms anhedral porphyroblastic grains from 0.5-2 mm in size. These contain moderately abundant dusty opaque, which, along with magnetite, gives the rock its black colour.

Magnetite forms euhedral to subhedral grains averaging 0.05-0.15 mm in size. Some of these are disseminated, others are concentrated in magnetite-rich patches up to 0.9 mm across. Grains contain abundant inclusions of non-reflective material (calcite?) and much less abundant ones of pyrrhotite mainly from 0.005-0.015 mm in size. One magnetite-rich band at one end of the section contains 1-2% disseminated, irregular grains of galena mainly from 0.01-0.03 mm in size.

Quartz is concentrated as aggregates of extremely fine, equant grains in lenses up to 0.3 mm long parallel to banding.

Several elongate patches from 0.4-0.8 mm long of pyrrhotite have what appear to be a subhedral outlines, suggesting that pyrrhotite is secondary after another unknown mineral. These patches are porphyroblastic and intergrown with calcite and minor magnetite.

Galena is concentrated in a lens of recrystallized calcite as irregular patches from 0.02-0.05 mm in size.

Arsenopyrite forms disseminated euhedral grains from 0.05-0.15 mm in size.

Veins averaging 0.2-0.8 mm wide and irregular replacement patches up to 2 mm across are of very fine to coarse-grained calcite. Veins contain minor patches of quartz grains mainly from 0.05-0.1 mm in grain size. Some veins contain minor elongate grains of pyrrhotite from 0.1-0.15 mm long. One contains a few subhedral to euhedral grains from 0.05-0.15 mm in size of Mineral X, probably an oxide, with the following properties: light brown, isotropic, opaque, hard.

An irregular, continuous band averaging 0.07 mm wide is of carbonaceous opaque.

Sample Drom 98-03 DDH FRN-98-06 55.15 m Banded Ankerite-Quartz-Pyrrhotite Rock; Fragment of Ankerite-rich rock; Replacement Patches of Ankerite and Quartz, Vein of Pyrrhotite-(Ankerite-Magnetite-Arsenopyrite)

The sample contains a large fragment dominated by cryptocrystalline ankerite with irregular patches and seams of pyrrhotite and much less abundant magnetite and arsenopyrite. The main rock is well banded and composed of ankerite with lesser quartz and pyrrhotite, and much less abundant magnetite and arsenopyrite. No evidence was seen of graded bedding. A few recrystallized patches are of ankerite. Veins and replacement patches are of quartz, ankerite, and apatite(?). A veinlike zone is dominated by pyrrhotite with less abundant ankerite, magnetite, and arsenopyrite.

fragment	
ankerite	35-40%
pyrrhotite	2- 3
quartz	1
magnetite	0.3
banded rock	
ankerite	20-25
quartz	12-15
pyrrhotite	7- 8
magnetite	2- 3
arsenopyrite	1
galena	minor
chalcopyrite	minor

replacement patches, veinlets	
ankerite	5- 7
quartz	1- 2
vein	
pyrrhotite	5- 7
ankerite	1- 2
magnetite	1
arsenopyrite	0.5

In the fragment, ankerite forms cryptocrystalline to extremely fine-grained aggregates that contain dusty opaque, which makes the rock less transparent than normal. Quartz forms disseminated grains from 0.01-0.02 mm in size and forms a few lenses and patches up to 0.2 mm in size of similar grains. Pyrrhotite forms irregular, disseminated patches of slightly interlocking grains mainly from 0.02-0.05 mm in size. Magnetite forms disseminated, subhedral, equant grains mainly from 0.02-0.07 mm in size intergrown with pyrrhotite. Less abundant, similar grains are intergrown with quartz and calcite.

In the main rock, ankerite and quartz are concentrated moderately in separate bands of cryptocrystalline to extremely fine grains. Ankerite is more translucent than that in the fragment.

Pyrrhotite is concentrated slightly to moderately in lenses parallel to foliation, and is concentrated strongly in a few bands up to 0.6 mm wide parallel to foliation.

Arsenopyrite forms disseminated, euhedral to subhedral, equant to elongate grains mainly from 0.05-0.12 mm in size, with a few up to 0.2 mm across. . It is concentrated strongly in one pyrrhotite-rich lens 0.3 mm wide, in which arsenopyrite forms euhedral, rhombic grains mainly from 0.03-0.08 mm in size. Chalcopyrite forms irregular patches of grains from 0.02-0.03 mm in size intergrown with pyrrhotite. Galena forms irregular patches from 0.05-0.1 mm in size intergrown intimately with groundmass carbonate.

The main vein is up to 2 mm wide and is dominated by pyrrhotite grains averaging 0.03-0.05 mm in size. Ankerite forms extremely fine grains interstitial to pyrrhotite. Magnetite forms disseminated grains averaging 0.02-0.03 mm in size. Arsenopyrite forms scattered grains averaging 0.05-0.07 mm long and a few up to 0.2 mm across. The vein is cut by a seam from 0.2-1 mm wide containing moderately abundant carbonaceous opaque.

Sample Drom 98-04A DDH FRN-98-07 55.35 m Ankerite-(Pyrrhotite-Magnetite) Rock; Replacement Patches and Veinlets of Ankerite-Quartz; *Late Veinlet of Carbonaceous Opaque*

The sample is a massive to weakly banded rock dominated by ankerite with disseminated patches and lenses of pyrrhotite and magnetite. A few bands are of isotropic silica with patches of very fine-grained quartz. Abundant replacement patches are of slightly coarser-grained ankerite and quartz, and interstitial patches and veinlets are dominated by very fine-grained quartz. A veinlet is of pyrrhotite. A few veinlets are of quartz. A late seam contains abundant carbonaceous opaque.

ankerite	60-65%
quartz	4- 5
isotropic silica	4- 5
pyrrhotite	3- 4
magnetite	2- 3
arsenopyrite	0.1
chalcopyrite	minor

replacement and veinlets	
ankerite	12-15
quartz	5- 7
pyrrhotite	minor
late seam	
carbonaceous opaque	1- 2

Ankerite forms cryptocrystalline aggregates intergrown with patches and bands of pyrrhotite-magnetite, and in places containing bands and patches of extremely fine-grained quartz.

A few lenses from 0.1 to 0.6 mm wide and a few patches up to 1 mm across are dominated by isotropic, pale to light brownish grey isotropic silica. Some bands and patches contain minor to moderately abundant, disseminated ankerite.

One contorted band up to 1.5 mm wide is of similar isotropic silica, with scattered patches and seams of extremely fine to very fine-grained quartz. Associated with this band are a few patches up to 1.5 mm across of very fine-grained quartz. Also associated with this band is a patch 2.5 mm across of very fine-grained recrystallized ankerite and irregular patches of pyrrhotite-magnetite.

Pyrrhotite forms irregular patches and seams of extremely fine to very fine grains. Coarser grains commonly are poikilitic, with moderately abundant inclusions of ankerite mainly from 0.005-0.01 mm in size. Magnetite occurs with pyrrhotite as anhedral grains from 0.02-0.2 mm in size, with a few magnetite-rich patches up to 0.7 mm in size. Most larger magnetite grains contain abundant inclusions of ankerite and/or quartz averaging 0.005-0.01 mm in size. Some coarser magnetite grains contain disseminated inclusions of pyrrhotite averaging 0.005-0.01 mm in size.

Arsenopyrite forms disseminated, euhedral equant to rectangular grains from 0.1-0.2 mm in size. Chalcopyrite forms a few patches up to 0.05 mm in size associated with arsenopyrite and pyrrhotite.

Numerous discontinuous veinlets from 0.02-0.07 mm wide are of extremely fine-grained ankerite. Some of these contain minor to moderately abundant extremely fine-grained quartz. Discontinuous veinlets up to 0.2 mm wide are dominated by very fine grained, submosaic quartz.

One veinlet 0.05 mm wide is of pyrrhotite. A veinlet 0.03 mm wide is of extremely fine-grained quartz. A contorted seam from 0.1-0.4 mm wide contains abundant carbonaceous opaque and minor to moderately abundant, disseminated patches of pyrrhotite and magnetite.

Sample DROM 98-04B DDH FRN-98-07 55.35 m

Well Banded Ankerite-Cherty Silica-Pyrrhotite-Magnetite Rock;
Quartz-Ankerite Veinlets and Replacement Lenses;
Irregular Seams of Pyrobitumen-(Pyrrhotite-Magnetite)

The sample is a well and very finely banded rock dominated by ankerite with wispy lenses of pyrrhotite and magnetite. Cherty silica is concentrated in a few bands up to a few mm thick with minor to moderately abundant, disseminated patches of ankerite. One of these contains abundant dusty pyrobitumen. Recrystallized patches are of slightly coarser-grained ankerite and much coarser-grained quartz. A few veinlets of quartz-ankerite are most abundant cutting the silica-rich layers. A few irregular seams are of pyrobitumen and minor pyrrhotite.

ankerite	55-60%
cherty silica	12-15
pyrrhotite	3- 4
magnetite	2- 3
quartz	0.5
arsenopyrite	0.1
chalcopyrite	trace

replacement patches, lenses	
ankerite	5- 7
quartz	5- 7
veinlets, seams	
quartz-ankerite	2- 3
pyrobitumen-(pyrrhotite-magnetite)	3- 4

Much of the sample is of cryptocrystalline to extremely fine-grained ankerite with wispy seams and patches of intergrowths of extremely fine-grained pyrrhotite and magnetite. Both iron minerals contain minor to moderately abundant, equant inclusions of ankerite and quartz. Magnetite-rich patches are up to 0.7 mm long.

A few bands up to 2.5 mm wide are of isotropic to cryptocrystalline, light to medium grey silica with minor disseminated patches of cryptocrystalline ankerite. Locally, the largest band is replaced by irregular patches of colourless, extremely fine-grained silica. One band 0.1-0.15 mm wide contains patches of very intimate intergrowths of elongate pyrrhotite grains/patches and silica.

One band up to 1.5 mm wide is dominated by isotropic silica containing very abundant non-reflective opaque, which givens the band an opaque character. Moderately abundant, irregular, disseminated patches mainly from 0.03-0.1 mm in size are of ankerite.

Arsenopyrite forms disseminated, euhedral grains mainly from 0.03-0.08 mm in size, and a few from 0.1-0.2 mm in size. Many larger grains contain extremely fine inclusions of ankerite.

Chalcopyrite forms disseminated patches from 0.02-0.05 mm in size.

A few lenses up to 0.6 mm long are of extremely fine grained, granular quartz with interstitial selvages of opaque.

Quartz occurs in late-formed replacement patches and lenses up to 1.5 mm in size in which grains are mainly from 0.1-0.3 mm in size; a few grains in the largest patches are from 0.5-1 mm across.

Veinlets up to 0.1 mm wide are of cryptocrystalline to extremely fine-grained quartz and ankerite; these are most abundant cutting the silica-rich bands.

Irregular, late seams up to 0.25 mm wide contain abundant carbonaceous opaque and disseminated patches of extremely fine-grained pyrrhotite and magnetite.

Sample Drom 98-05 DDH FRN-98-07 98.25 m Brecciated Cherty Argillite;
Matrix and Veinlets of Quartz-(Pyrobitumen-Pyrrhotite-Pyrite-Chalcopyrite)
Late Seams of Carbonaceous Opaque

The rock is a well foliated, cherty argillite consisting of cryptocrystalline silica and moderately abundant to very abundant, dusty carbonaceous opaque. Pyrite and carbonaceous opaque are concentrated moderately to strongly in bands parallel to foliation. Pyrite shows abundant, primary spheroidal textures. The rock was brecciated, and fragments were healed by quartz with disseminated patches of pyrrhotite-(chalcopyrite), pyrite, and pyrobitumen. Fragments are cut by numerous veinlets of quartz with minor to moderately abundant patches of pyrrhotite, pyrite, and pyrobitumen. Late seams are of carbonaceous opaque and minor pyrrhotite.

silica	50-55%
carbonaceous opaque	10-12
pyrite	2- 3
lenses	
quartz	0.3
pyrrhotite	minor

breccia matrix	
quartz	20-25
pyrrhotite	1
pyrobitumen	1
pyrite	0.5
chalcopyrite	minor
late seams	
carbonaceous opaque	2- 3

The rock is dominated by cryptocrystalline silica with minor to abundant dusty carbonaceous opaque, which is concentrated in wispy lenses parallel to foliation. A few ellipsoidal lenses up to 0.2 mm long are of cryptocrystalline silica with less carbonaceous opaque than the surrounding rock.

Pyrite is concentrated moderately in certain bands, mainly those that also contain moderately abundant carbonaceous opaque. It forms disseminated grains mainly from 0.005-0.02 mm in size. Numerous pyrite patches show delicate, spheroidal textures, suggestive of primary deposition. Pyrite forms a few, dense patches up to 1.2 mm in size of grains averaging 0.01-0.03 mm in size.

A few lenses up to 0.03 mm wide are of cherty quartz and minor patches of pyrrhotite up to 0.03 mm in size.

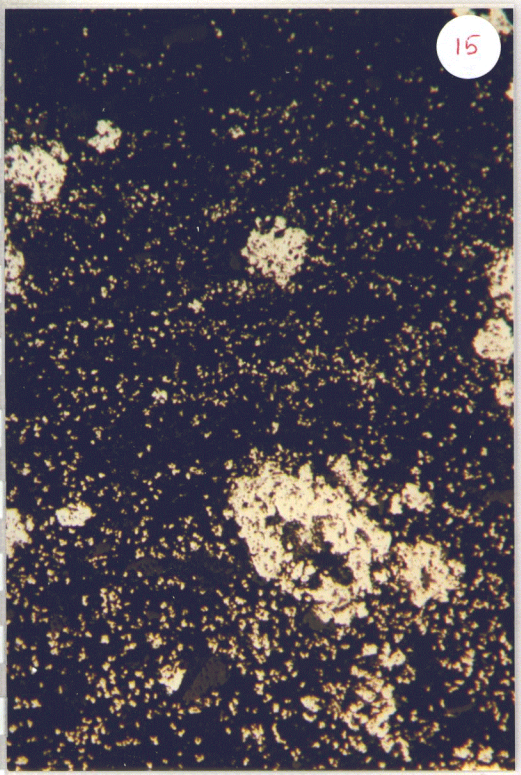
The rock was brecciated moderately. Fragments were cut by abundant veinlets mainly from 0.02-0.3 mm in width of cryptocrystalline to very fine-grained quartz. Many quartz veinlets contain irregular patches of pyrobitumen, pyrrhotite, and pyrite.

Fragments were healed by patches up to several mm across of very fine to medium-grained quartz. Coarser grains commonly are strained moderately and recrystallized slightly to moderately to subgrain aggregates. Locally quartz patches contains abundant irregular patches of pyrobitumen mainly from 0.05-0.15 mm in size. Pyrrhotite forms disseminated patches mainly from 0.1-0.3 mm in size. A few pyrrhotite patches contain a few patches of chalcopyrite mainly from 0.05-0.08 mm in size. Pyrite forms a few anhedral to euhedral grains and patches up to 0.3 mm in size. One euhedral pyrite grain has a few fine growth zones defined by sub-micron-sized non-reflective inclusions.

Late seams mainly from 0.02-0.1 mm wide of carbonaceous opaque and minor pyrrhotite truncate some of the quartz-rich veinlets and offset others up to 0.1 mm.

List of Photographs

Photo	Sample	Description
15	Drom 98-01	pyrite-rich band: disseminated pyrite, patches of coarser-grained pyrite and minor patches of quartz (medium grey) in muscovite (dark grey). Reflected Light. LOP: 1.25 mm.
16	Drom 98-02	magnetite-rich band, with tiny inclusions of calcite and pyrrhotite, and minor euhedral arsenopyrite in calcite-rich host rock with disseminated magnetite; cut by seam with abundant carbonaceous opaque. Replacement patch of coarser calcite with minor elongate pyrrhotite grains. Reflected Light. LOP: 1.25 mm.
17	Drom 98-02	porphyroblasts of pyrrhotite intergrown with calcite and magnetite; minor disseminated magnetite in calcite host rock. Reflected Light. LOP: 1.25 mm.
18	Drom 98-02	host rock: calcite with disseminated magnetite, minor pyrrhotite, and trace chalcopyrite (in corner of photo); replacement zone of coarser calcite with patch of Mineral X and one of pyrrhotite. Reflected Light. LOP: 1.25 mm.
19	Drom 98-03	vein of pyrrhotite-arsenopyrite-magnetite. Reflected Light. LOP: 1.25 mm.
20	Drom 98-03	disseminated patches of galena, sphalerite, and pyrrhotite in ankerite. Reflected Light. LOP: 0.34 mm.
21	Drom 98-03	pyrrhotite-rich band with lesser magnetite, one arsenopyrite porphyroblast in ankerite; cut by band with abundant carbonaceous opaque (similar to the one in Photo 15). Reflected Light. LOP: 1.25 mm.
22	Drom 98-04A	ankerite containing patch with abundant disseminated pyrrhotite, subhedral to euhedral arsenopyrite, and much less abundant magnetite and chalcopyrite. Reflected Light. LOP: 1.25 mm.
23	Drom 98-04B	ankerite-rich rock with patches and bands of magnetite-pyrrhotite and minor patches of quartz; cut by irregular stylolitic band of pyrobitumen(?). Quartz-ankerite stringers perpendicular to banding (one cuts v-shaped kink in pyrobitumen band. Reflected Light. LOP: 2.3 mm.
24	Drom 98-05	argillite cut by quartz veinlets; brecciated with matrix of quartz containing abundant patches of pyrobitumen. Reflected Light. LOP: 2.3 mm.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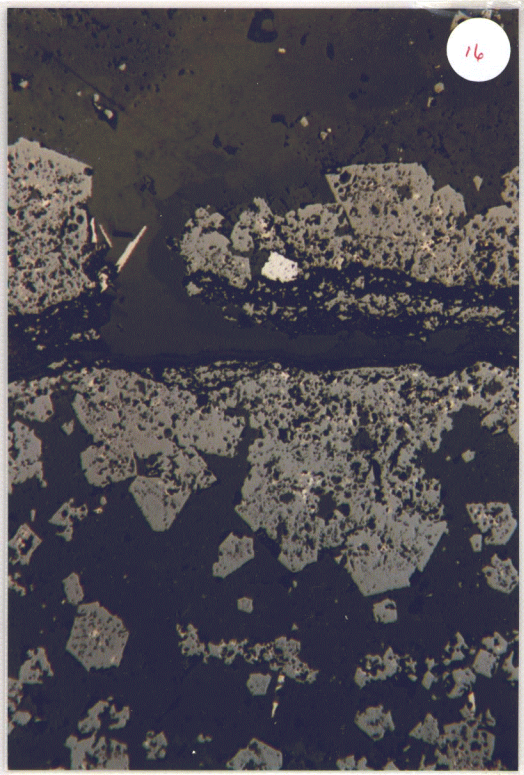
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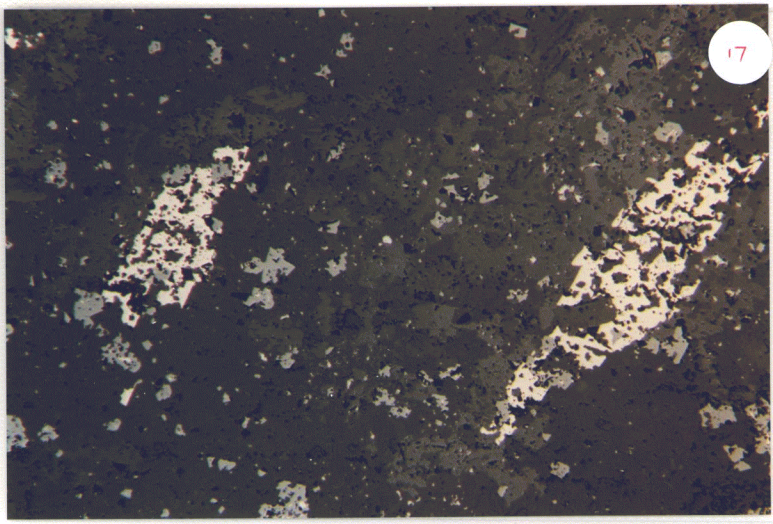
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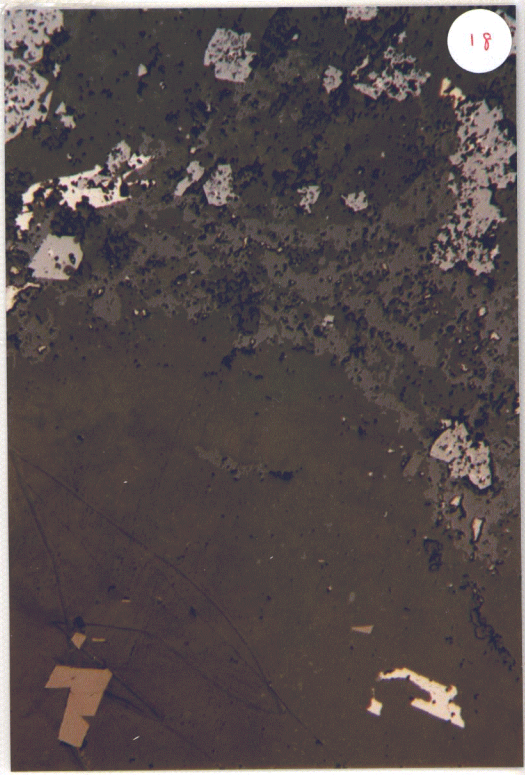
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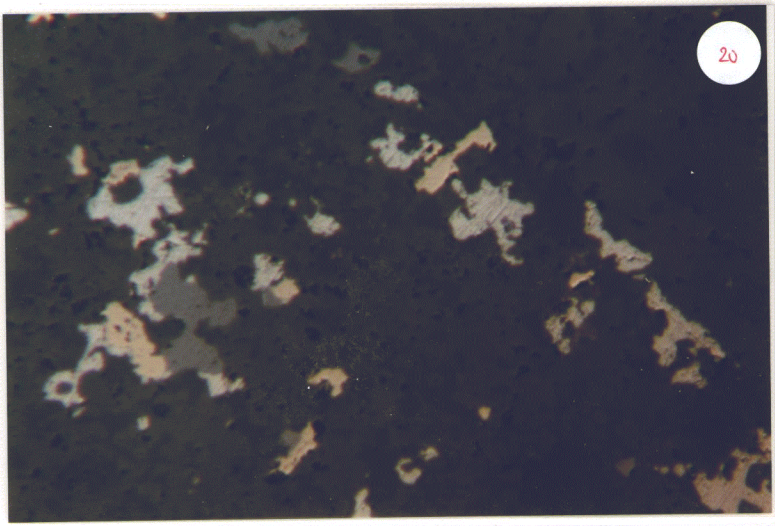
19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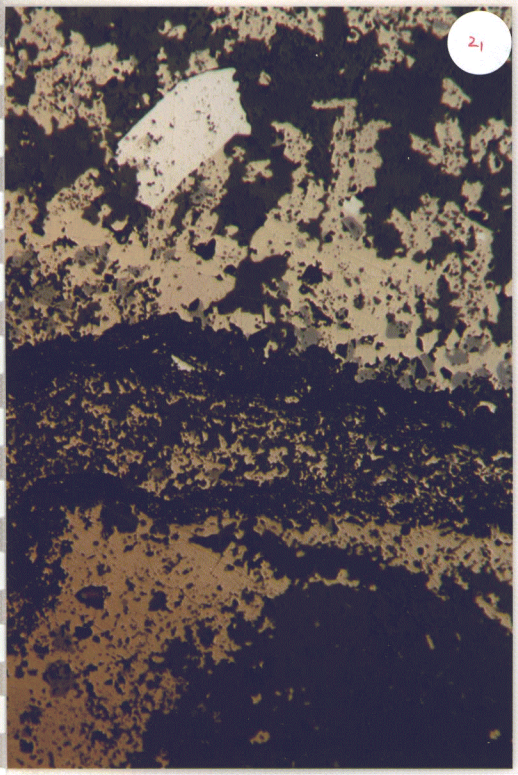
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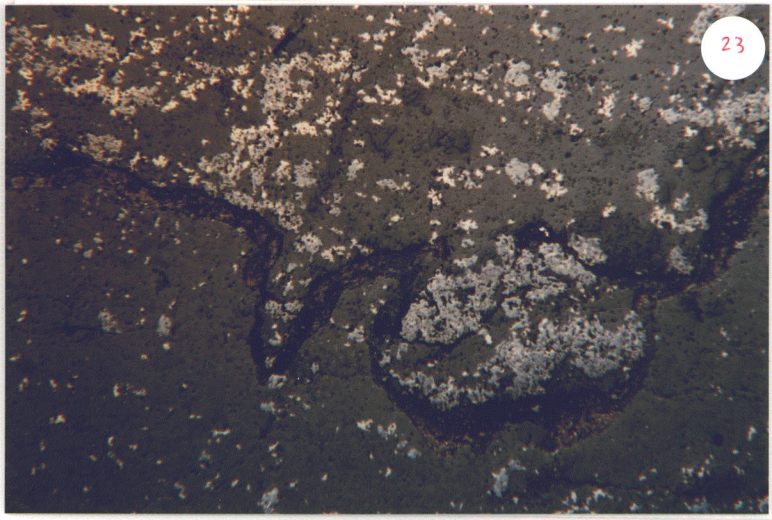
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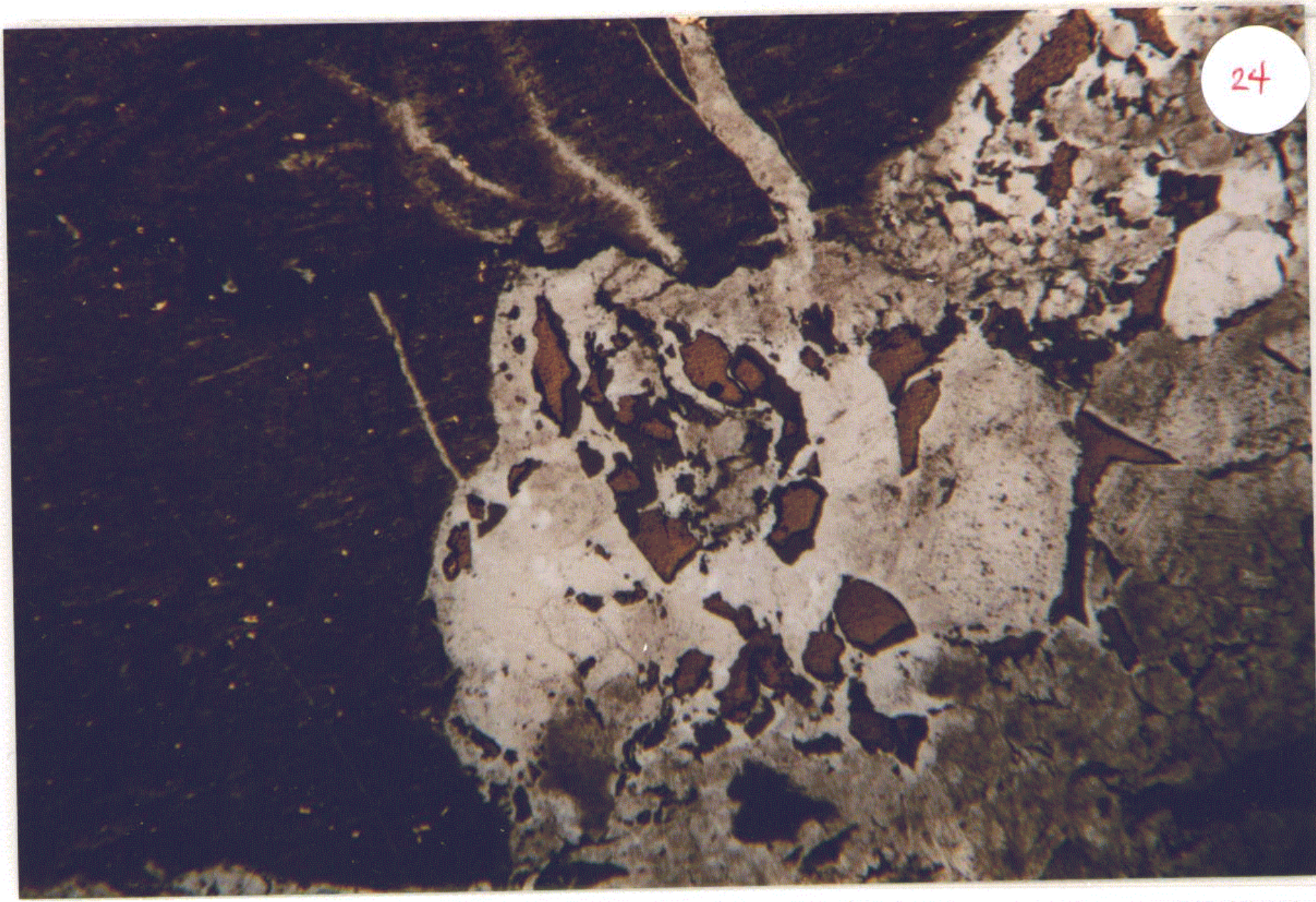
24

APPENDIX F

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9833999

Comments: ATTN:MURRAY JONES

CERTIFICATE A9833999

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK98-05
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-OCT-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	78	Geochem ring to approx 150 mesh
226	78	0-3 Kg crush and split
3202	78	Rock - save entire reject
229	78	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	78	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	78	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	78	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	78	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	78	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	78	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	78	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	78	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	78	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	78	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	78	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	78	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	78	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	78	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	78	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	78	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	78	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	78	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	78	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	78	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	78	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	78	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	78	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	78	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	78	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	78	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	78	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	78	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	78	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	78	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	78	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	78	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	78	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN:MURRAY JONES

Page Number :1-A
Total Pages :2
Certificate Date: 27-OCT-199
Invoice No. :19833999
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9833999

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
109101	205 226	10	0.8	1.55	62	80	0.5	2	4.45	< 0.5	6	78	36	1.65	< 10	< 1	0.78	< 10	2.08	465
109102	205 226	< 5	< 0.2	1.99	42	120	0.5	< 2	8.79	< 0.5	2	39	9	1.44	< 10	< 1	0.64	< 10	3.54	1005
109103	205 226	< 5	< 0.2	0.83	< 2	60	< 0.5	< 2	6.47	< 0.5	3	67	8	1.44	< 10	< 1	0.44	< 10	3.17	725
109104	205 226	20	4.0	0.71	212	50	< 0.5	2	1.17	39.0	27	200	288	4.39	< 10	1	0.30	< 10	0.12	310
109105	205 226	< 5	1.6	0.66	106	130	0.5	< 2	1.45	63.5	7	225	141	1.63	< 10	1	0.31	10	0.09	510
109106	205 226	< 5	1.2	0.54	128	100	0.5	4	0.93	55.0	7	184	131	1.75	< 10	< 1	0.25	< 10	0.06	320
109107	205 226	< 5	1.4	0.46	110	60	0.5	< 2	2.02	77.5	8	216	144	2.40	< 10	< 1	0.21	< 10	0.06	540
109108	205 226	< 5	1.0	0.75	126	140	0.5	2	3.50	32.5	11	233	151	2.26	< 10	< 1	0.33	10	0.08	400
109109	205 226	< 5	0.4	0.44	82	100	< 0.5	< 2	0.62	12.0	5	218	43	1.56	< 10	1	0.19	< 10	0.04	225
109110	205 226	< 5	0.4	0.29	66	60	< 0.5	< 2	0.41	10.5	7	162	36	1.61	< 10	1	0.14	< 10	0.02	170
109111	205 226	< 5	0.6	0.31	46	80	< 0.5	< 2	0.27	21.0	4	184	33	1.13	< 10	1	0.14	< 10	0.01	55
109112	205 226	< 5	0.8	0.34	76	70	< 0.5	< 2	0.36	42.0	7	161	60	2.09	< 10	< 1	0.15	< 10	0.02	115
109113	205 226	< 5	0.8	0.39	48	80	< 0.5	2	0.30	35.5	8	163	49	1.11	< 10	1	0.18	< 10	0.01	60
109114	205 226	< 5	1.2	0.36	98	60	< 0.5	< 2	0.34	22.0	8	112	64	2.24	< 10	< 1	0.17	< 10	0.01	95
109115	205 226	< 5	0.8	0.35	38	80	< 0.5	2	0.37	10.0	7	144	46	1.23	< 10	< 1	0.16	< 10	0.01	185
109116	205 226	5	0.2	0.20	12	40	< 0.5	4	0.64	1.0	44	156	126	4.47	< 10	< 1	0.10	< 10	0.01	650
109117	205 226	10	0.6	0.22	22	40	< 0.5	8	0.57	< 0.5	54	195	146	5.64	< 10	< 1	0.12	< 10	0.01	735
109118	205 226	10	0.6	0.21	38	50	< 0.5	6	0.49	< 0.5	72	203	209	5.28	< 10	< 1	0.11	< 10	0.03	695
109119	205 226	< 5	0.4	1.59	42	10	< 0.5	6	0.37	< 0.5	148	107	366	14.00	< 10	< 1	0.43	< 10	0.22	1920
109120	205 226	< 5	1.2	1.24	60	30	< 0.5	6	0.36	2.0	134	113	272	10.95	< 10	< 1	0.19	< 10	0.22	1725
109121	205 226	< 5	0.6	2.05	34	40	< 0.5	2	0.21	1.0	65	123	84	9.68	< 10	< 1	0.20	< 10	0.34	1815
109122	205 226	< 5	0.2	1.86	28	60	< 0.5	< 2	0.30	< 0.5	57	119	80	8.79	< 10	< 1	0.30	< 10	0.43	1410
109123	205 226	< 5	0.4	2.55	36	60	< 0.5	4	0.36	< 0.5	79	92	217	11.30	10	< 1	0.83	< 10	0.54	1030
109124	205 226	< 5	0.2	1.89	22	60	< 0.5	2	0.36	3.5	35	129	59	8.78	< 10	< 1	0.39	< 10	0.49	1240
109125	205 226	< 5	0.2	1.52	38	120	< 0.5	< 2	2.90	< 0.5	56	129	88	6.91	< 10	< 1	0.44	< 10	0.24	1035
109126	205 226	< 5	< 0.2	2.42	18	210	< 0.5	< 2	2.50	< 0.5	16	99	33	7.28	10	< 1	0.90	< 10	0.30	1210
109127	205 226	80	1.4	1.44	122	20	< 0.5	8	1.79	3.5	203	43	721	>15.00	< 10	< 1	0.14	< 10	0.20	3630
109128	205 226	15	0.6	1.68	44	60	< 0.5	6	1.22	< 0.5	59	107	343	7.98	< 10	< 1	0.16	< 10	0.18	1365
109129	205 226	20	0.4	1.35	14	40	< 0.5	16	1.34	< 0.5	75	117	1155	9.29	< 10	< 1	0.15	10	0.20	1345
109130	205 226	25	1.0	0.90	108	10	< 0.5	10	1.88	1.5	230	75	480	>15.00	< 10	< 1	0.09	< 10	0.16	1670
109131	205 226	5	< 0.2	2.28	18	150	< 0.5	2	2.09	< 0.5	28	131	128	8.98	< 10	< 1	0.50	< 10	0.24	2010
109132	205 226	75	0.2	1.13	118	40	< 0.5	10	1.63	< 0.5	19	116	490	13.45	< 10	< 1	0.24	< 10	0.25	3950
109133	205 226	< 5	0.2	3.26	26	180	< 0.5	< 2	0.95	< 0.5	6	98	111	12.15	< 10	< 1	0.84	< 10	0.29	3400
109134	205 226	< 5	< 0.2	2.11	24	40	< 0.5	6	1.24	< 0.5	14	86	306	14.25	< 10	< 1	0.46	< 10	0.27	3560
109135	205 226	10	0.4	0.48	88	40	< 0.5	4	6.07	< 0.5	50	75	401	10.00	< 10	< 1	0.16	< 10	0.08	4070
109136	205 226	< 5	0.6	0.28	30	30	< 0.5	2	4.09	< 0.5	11	108	95	3.00	< 10	< 1	0.13	< 10	0.04	1945
109137	205 226	< 5	0.8	0.33	52	30	< 0.5	4	5.38	< 0.5	33	94	178	7.22	< 10	< 1	0.13	< 10	0.07	3080
109138	205 226	50	19.6	0.43	888	20	< 0.5	6	2.83	25.5	49	86	301	12.05	< 10	< 1	0.14	< 10	0.09	2050
109139	205 226	5	1.2	0.56	118	30	< 0.5	2	0.57	< 0.5	10	107	200	9.56	< 10	< 1	0.15	< 10	0.12	885
109140	205 226	< 5	0.4	0.33	42	30	< 0.5	< 2	4.69	< 0.5	7	81	137	5.56	< 10	< 1	0.12	< 10	0.07	3120

CERTIFICATION: Hawthickler.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN:MURRAY JONES

Page Number :1-B
Total Pages :2
Certificate Date: 27-OCT-199
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P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9833999

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
109101	205 226	7	< 0.01	32	430	58	6	1	66	0.01	< 10	< 10	65	< 10	22
109102	205 226	2	< 0.01	7	210	< 2	8	2	125	0.01	< 10	< 10	15	< 10	16
109103	205 226	1	< 0.01	12	310	4	< 2	1	85	< 0.01	< 10	< 10	7	< 10	12
109104	205 226	63	< 0.01	241	3120	586	68	1	31	< 0.01	< 10	20	1085	< 10	5630
109105	205 226	75	< 0.01	215	1680	136	46	1	38	< 0.01	< 10	30	1255	< 10	7250
109106	205 226	96	< 0.01	262	1070	96	18	1	33	< 0.01	< 10	30	1070	< 10	6750
109107	205 226	50	< 0.01	234	1150	124	16	1	47	< 0.01	< 10	20	807	< 10	7100
109108	205 226	44	< 0.01	213	>10000	196	14	1	88	< 0.01	< 10	10	1070	< 10	3320
109109	205 226	80	< 0.01	256	450	32	12	< 1	13	< 0.01	< 10	10	456	< 10	1725
109110	205 226	84	< 0.01	243	350	22	8	< 1	9	< 0.01	< 10	10	119	< 10	1930
109111	205 226	39	< 0.01	128	550	16	12	< 1	7	< 0.01	< 10	< 10	200	< 10	1430
109112	205 226	41	< 0.01	270	480	30	22	< 1	7	< 0.01	< 10	10	237	< 10	2750
109113	205 226	37	< 0.01	208	880	22	14	1	9	< 0.01	< 10	10	265	< 10	3460
109114	205 226	31	< 0.01	188	790	28	14	1	7	< 0.01	< 10	< 10	181	< 10	1440
109115	205 226	27	< 0.01	151	1250	12	10	1	8	< 0.01	< 10	< 10	149	< 10	558
109116	205 226	74	< 0.01	17	410	26	2	< 1	10	< 0.01	< 10	< 10	73	< 10	394
109117	205 226	96	< 0.01	19	330	80	2	< 1	11	< 0.01	< 10	< 10	89	< 10	28
109118	205 226	44	< 0.01	15	280	82	2	< 1	10	< 0.01	< 10	< 10	77	< 10	56
109119	205 226	< 1	< 0.01	27	860	10	2	3	10	0.03	< 10	< 10	144	< 10	88
109120	205 226	1	< 0.01	20	270	270	4	1	8	0.01	< 10	< 10	67	< 10	624
109121	205 226	< 1	< 0.01	18	270	128	2	2	5	0.02	< 10	< 10	112	< 10	464
109122	205 226	< 1	< 0.01	26	390	8	2	3	5	0.03	< 10	< 10	145	< 10	270
109123	205 226	1	< 0.01	22	260	10	4	4	6	0.05	< 10	< 10	185	< 10	112
109124	205 226	< 1	< 0.01	13	500	< 2	6	3	27	0.02	< 10	< 10	143	< 10	382
109125	205 226	< 1	< 0.01	12	320	< 2	< 2	1	30	0.03	< 10	< 10	102	< 10	38
109126	205 226	2	< 0.01	11	240	< 2	< 2	3	23	0.04	< 10	< 10	132	< 10	42
109127	205 226	1	< 0.01	35	360	2	2	3	22	0.01	< 10	< 10	119	< 10	1460
109128	205 226	1	< 0.01	18	340	60	2	2	24	0.01	< 10	< 10	126	< 10	36
109129	205 226	< 1	< 0.01	17	780	8	2	3	16	0.01	< 10	< 10	137	< 10	54
109130	205 226	1	< 0.01	11	310	62	8	1	22	< 0.01	< 10	< 10	63	< 10	242
109131	205 226	1	< 0.01	11	310	< 2	2	2	23	0.06	< 10	< 10	124	< 10	134
109132	205 226	< 1	< 0.01	14	300	6	4	1	22	0.03	< 10	< 10	61	< 10	78
109133	205 226	< 1	< 0.01	15	290	< 2	2	4	15	0.10	< 10	< 10	203	< 10	328
109134	205 226	1	< 0.01	16	240	< 2	2	3	22	0.06	< 10	< 10	121	< 10	138
109135	205 226	1	< 0.01	23	250	12	2	< 1	64	0.01	< 10	< 10	24	< 10	24
109136	205 226	1	< 0.01	8	230	86	2	< 1	35	< 0.01	< 10	< 10	13	< 10	90
109137	205 226	< 1	< 0.01	10	230	52	2	< 1	44	< 0.01	< 10	< 10	24	< 10	120
109138	205 226	2	< 0.01	13	200	6470	18	< 1	23	< 0.01	< 10	< 10	30	< 10	6530
109139	205 226	1	< 0.01	14	200	148	2	< 1	7	0.01	< 10	< 10	27	< 10	142
109140	205 226	< 1	< 0.01	10	190	72	4	< 1	35	< 0.01	< 10	< 10	14	< 10	44

CERTIFICATION: Ian Ruddock

Chemex Labs Ltd.

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
109141	205	226	90	2.4	0.70	52	10	< 0.5	18	2.40	1.0	107	44	968	>15.00	< 10	< 1	0.18	< 10	0.12	2600
109142	205	226	< 5	0.4	3.13	20	80	< 0.5	2	0.32	< 0.5	19	81	148	13.15	< 10	< 1	0.75	< 10	0.26	3400
109143	205	226	15	0.6	2.16	18	10	< 0.5	8	0.49	< 0.5	75	75	502	>15.00	< 10	< 1	0.54	< 10	0.20	2780
109144	205	226	15	0.6	1.83	108	20	< 0.5	4	2.02	< 0.5	23	72	295	14.15	< 10	< 1	0.41	< 10	0.24	3730
109145	205	226	35	1.0	1.39	60	20	< 0.5	8	1.93	2.5	45	102	433	11.80	< 10	< 1	0.43	< 10	0.15	3610
109146	205	226	135	0.6	1.52	56	10	< 0.5	8	0.53	0.5	46	107	668	12.00	< 10	< 1	0.47	< 10	0.16	2760
109147	205	226	70	0.2	1.44	52	30	< 0.5	2	0.50	< 0.5	26	143	340	9.09	< 10	< 1	0.47	< 10	0.16	2110
109148	205	226	15	0.4	0.38	80	60	< 0.5	2	2.90	< 0.5	12	130	181	4.51	< 10	< 1	0.19	10	0.05	1725
109149	205	226	10	0.6	0.41	302	70	< 0.5	2	3.75	13.0	4	156	100	4.35	< 10	< 1	0.20	30	0.05	1850
109150	205	226	55	3.4	0.17	6240	20	< 0.5	10	5.43	255	5	64	104	6.52	< 10	28	0.07	< 10	0.04	4030
109151	205	226	10	2.6	0.37	554	50	< 0.5	2	0.61	42.5	3	162	59	4.38	< 10	6	0.14	10	0.05	1505
109152	205	226	10	3.4	0.43	68	10	0.5	< 2	0.05	0.5	11	135	67	6.30	< 10	< 1	0.19	10	0.03	190
109153	205	226	30	4.0	0.36	82	10	< 0.5	2	0.02	< 0.5	8	118	52	7.43	< 10	< 1	0.17	< 10	0.01	65
109154	205	226	20	3.8	0.31	90	50	< 0.5	< 2	0.03	2.0	8	160	37	2.93	< 10	< 1	0.11	< 10	< 0.01	45
109155	205	226	5	0.8	0.10	42	40	< 0.5	< 2	0.01	< 0.5	5	240	18	1.00	< 10	< 1	0.04	< 10	< 0.01	15
109156	205	226	< 5	1.2	0.24	40	50	< 0.5	< 2	0.15	< 0.5	6	148	32	2.46	< 10	< 1	0.09	< 10	< 0.01	50
109157	205	226	< 5	1.4	0.32	28	70	< 0.5	< 2	0.12	0.5	5	124	43	1.98	< 10	< 1	0.13	< 10	< 0.01	85
109158	205	226	20	1.6	0.22	132	60	< 0.5	< 2	0.18	< 0.5	7	98	50	3.91	< 10	< 1	0.09	< 10	0.01	215
109159	205	226	50	2.0	0.23	126	40	< 0.5	< 2	0.07	< 0.5	7	151	34	2.71	< 10	< 1	0.08	< 10	0.01	115
109160	205	226	15	1.4	0.27	52	50	< 0.5	< 2	0.05	< 0.5	6	113	29	3.17	< 10	< 1	0.12	< 10	< 0.01	90
109161	205	226	< 5	1.0	0.25	36	50	< 0.5	< 2	0.08	< 0.5	7	166	29	1.12	< 10	< 1	0.10	< 10	< 0.01	50
109162	205	226	< 5	1.4	0.23	36	50	< 0.5	< 2	0.13	< 0.5	16	153	52	1.76	< 10	< 1	0.09	< 10	< 0.01	105
109163	205	226	10	1.6	0.21	94	50	< 0.5	< 2	0.06	18.0	12	187	63	1.56	< 10	18	0.07	< 10	0.01	55
109164	205	226	5	1.6	0.24	40	50	< 0.5	< 2	0.13	3.0	7	136	40	2.10	< 10	< 1	0.09	< 10	0.01	100
109165	205	226	< 5	1.4	0.41	68	50	< 0.5	2	0.22	< 0.5	5	134	35	2.95	< 10	< 1	0.14	< 10	0.01	205
109166	205	226	10	1.8	0.49	106	40	< 0.5	2	0.30	< 0.5	7	93	48	4.28	< 10	< 1	0.16	< 10	0.01	290
109167	205	226	< 5	1.0	0.63	60	50	0.5	< 2	0.18	< 0.5	6	70	48	3.41	< 10	< 1	0.21	< 10	0.03	430
109168	205	226	20	1.2	0.43	94	60	< 0.5	< 2	0.12	< 0.5	6	104	35	2.62	< 10	< 1	0.17	< 10	0.02	215
109169	205	226	80	2.2	0.18	228	70	< 0.5	< 2	3.49	< 0.5	3	134	34	3.21	< 10	< 1	0.07	10	0.08	4160
109170	205	226	305	6.8	0.17	2700	30	< 0.5	2	5.36	1.5	4	30	113	>15.00	< 10	< 1	0.07	10	0.30	>10000
109171	205	226	190	2.0	0.07	814	70	< 0.5	< 2	>15.00	0.5	2	15	27	6.39	< 10	< 1	0.03	10	0.24	>10000
109172	205	226	190	6.2	0.27	4080	20	< 0.5	2	4.17	2.5	3	63	69	>15.00	< 10	< 1	0.11	< 10	0.43	8930
109173	205	226	65	3.8	0.87	172	80	0.5	< 2	3.09	2.0	7	79	45	2.87	< 10	< 1	0.43	10	0.75	3660
109174	205	226	35	5.0	0.71	116	110	0.5	< 2	0.46	0.5	6	79	46	1.99	< 10	< 1	0.37	20	0.17	320
109175	205	226	55	96.8	0.40	116	110	< 0.5	< 2	3.18	16.5	5	108	153	1.99	< 10	< 1	0.23	10	0.14	1630
109176	205	226	35	58.2	0.35	144	120	< 0.5	2	3.09	7.0	4	86	100	1.36	< 10	< 1	0.22	10	0.19	2740
109177	205	226	10	2.6	0.51	110	110	0.5	< 2	4.66	0.5	5	76	13	1.50	< 10	< 1	0.32	10	0.35	990
109178	205	226	10	0.6	0.74	146	80	< 0.5	< 2	7.00	< 0.5	4	72	7	1.82	< 10	< 1	0.43	10	0.78	950

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN:MURRAY JONES

Page Number :2-B
Total Pages :2
Certificate Date: 27-OCT-199
Invoice No. :I9833999
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9833999

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
109141	205	226	1	< 0.01	20	220	166	2	1	18	0.02	< 10	< 10	42	< 10	332
109142	205	226	< 1	< 0.01	17	290	< 2	2	4	8	0.09	< 10	< 10	170	< 10	164
109143	205	226	1	0.01	21	310	8	< 2	3	10	0.06	< 10	< 10	143	< 10	122
109144	205	226	< 1	< 0.01	21	230	8	4	3	28	0.05	< 10	< 10	98	< 10	162
109145	205	226	1	< 0.01	23	210	90	4	3	27	0.04	< 10	< 10	88	< 10	416
109146	205	226	1	< 0.01	29	260	12	2	2	8	0.04	10	< 10	107	< 10	184
109147	205	226	1	< 0.01	21	290	12	4	2	9	0.04	10	< 10	118	< 10	102
109148	205	226	1	< 0.01	34	420	60	12	< 1	46	< 0.01	< 10	< 10	23	< 10	248
109149	205	226	1	< 0.01	28	430	24	10	< 1	46	< 0.01	< 10	< 10	23	< 10	4490
109150	205	226	5	< 0.01	27	170	58	28	< 1	58	< 0.01	< 10	40	14	< 10	>10000
109151	205	226	3	< 0.01	31	360	314	10	< 1	14	< 0.01	< 10	< 10	22	< 10	>10000
109152	205	226	< 1	< 0.01	87	110	28	22	1	5	< 0.01	< 10	< 10	17	< 10	438
109153	205	226	1	< 0.01	74	70	26	18	1	4	< 0.01	< 10	< 10	15	< 10	198
109154	205	226	3	< 0.01	47	110	68	24	< 1	15	< 0.01	< 10	< 10	18	< 10	924
109155	205	226	1	< 0.01	34	60	108	40	< 1	4	< 0.01	< 10	< 10	5	< 10	54
109156	205	226	1	< 0.01	57	680	60	10	< 1	63	< 0.01	< 10	< 10	16	< 10	364
109157	205	226	3	0.01	59	570	84	6	< 1	95	< 0.01	< 10	< 10	14	< 10	660
109158	205	226	10	< 0.01	254	910	168	32	< 1	258	< 0.01	< 10	< 10	38	< 10	752
109159	205	226	5	< 0.01	133	320	88	28	< 1	34	< 0.01	< 10	< 10	24	< 10	376
109160	205	226	3	< 0.01	45	210	60	10	< 1	12	< 0.01	< 10	< 10	15	< 10	112
109161	205	226	1	< 0.01	63	370	150	14	< 1	21	< 0.01	< 10	< 10	9	< 10	350
109162	205	226	1	< 0.01	120	620	126	14	< 1	33	< 0.01	< 10	< 10	13	< 10	302
109163	205	226	3	< 0.01	90	310	86	16	< 1	31	< 0.01	< 10	< 10	9	< 10	>10000
109164	205	226	2	0.01	59	590	42	10	< 1	56	< 0.01	< 10	< 10	17	< 10	3160
109165	205	226	3	0.03	59	1040	54	10	< 1	162	< 0.01	< 10	< 10	24	< 10	56
109166	205	226	2	0.03	82	1430	146	14	< 1	136	< 0.01	< 10	< 10	37	< 10	44
109167	205	226	5	0.04	59	900	116	14	< 1	196	< 0.01	< 10	< 10	25	< 10	24
109168	205	226	3	0.02	71	570	84	16	< 1	99	< 0.01	< 10	< 10	15	< 10	8
109169	205	226	4	< 0.01	95	1520	106	42	1	317	< 0.01	< 10	< 10	49	< 10	102
109170	205	226	1	< 0.01	237	2520	564	212	1	484	< 0.01	< 10	< 10	108	< 10	958
109171	205	226	1	< 0.01	94	1430	118	82	4	1860	< 0.01	< 10	< 10	94	< 10	118
109172	205	226	< 1	< 0.01	82	9830	444	252	1	278	< 0.01	< 10	< 10	173	< 10	934
109173	205	226	8	< 0.01	44	830	142	82	3	160	< 0.01	< 10	< 10	35	< 10	196
109174	205	226	5	< 0.01	50	570	22	36	1	22	< 0.01	< 10	< 10	21	< 10	128
109175	205	226	3	< 0.01	31	190	3900	2770	1	148	< 0.01	< 10	< 10	11	< 10	1510
109176	205	226	1	< 0.01	23	430	398	3690	< 1	169	< 0.01	< 10	< 10	24	< 10	602
109177	205	226	< 1	< 0.01	30	490	130	606	1	293	< 0.01	< 10	< 10	36	< 10	156
109178	205	226	1	< 0.01	20	450	4	26	1	264	< 0.01	< 10	< 10	39	< 10	150

CERTIFICATION: Hawthickles

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9834248

Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

CERTIFICATE A9834248

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK98-05
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 05-NOV-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	85	Geochem ring to approx 150 mesh
226	85	0-3 Kg crush and split
3202	85	Rock - save entire reject
229	85	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	85	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	85	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	85	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	85	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	85	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	85	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	85	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	85	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	85	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	85	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	85	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	85	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	85	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	85	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	85	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	85	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	85	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	85	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	85	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	85	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	85	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	85	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	85	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	85	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	85	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	85	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	85	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	85	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	85	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	85	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	85	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	85	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	85	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
912	85	Ba ppm	XRF	10	50000

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

Certificate Date: 05-NOV-199
Invoice No. :19834248
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9834248

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N109179	205	226	10	1.8	0.56	38	60	< 0.5	< 2	0.40	3.0	49	66	348	6.32	< 10	1	0.19	< 10	0.06	1000
N109180	205	226	155	3.8	0.76	1500	10	< 0.5	2	0.41	5.5	68	74	459	14.00	< 10	2	0.15	< 10	0.12	1650
N109181	205	226	< 5	0.4	2.15	38	160	< 0.5	< 2	0.23	< 0.5	5	79	187	10.40	< 10	< 1	0.57	< 10	0.19	3980
N109182	205	226	45	0.2	0.98	16	80	< 0.5	4	6.78	< 0.5	15	75	162	8.14	< 10	< 1	0.24	< 10	0.15	3700
N109183	205	226	80	0.2	1.73	10	90	< 0.5	< 2	1.55	< 0.5	11	89	124	9.88	< 10	1	0.35	< 10	0.21	3430
N109184	205	226	50	0.6	1.67	18	80	< 0.5	2	6.09	< 0.5	18	70	220	10.55	< 10	< 1	0.22	< 10	0.22	3640
N109185	205	226	15	0.4	1.08	44	60	< 0.5	2	3.75	2.0	11	76	357	12.00	< 10	< 1	0.21	< 10	0.17	4450
N109186	205	226	15	0.2	1.16	44	70	< 0.5	12	2.08	0.5	13	110	388	10.80	< 10	< 1	0.22	< 10	0.14	3310
N109187	205	226	5	0.6	1.33	46	90	< 0.5	6	2.16	2.5	9	97	447	9.66	< 10	2	0.24	< 10	0.14	3430
N109188	205	226	20	1.0	0.95	68	50	< 0.5	< 2	2.31	2.5	16	114	180	9.07	< 10	1	0.18	< 10	0.15	3030
N109189	205	226	15	11.0	0.19	326	10	< 0.5	< 2	1.21	72.5	4	82	118	11.60	< 10	6	0.04	< 10	0.12	4110
N109190	205	226	10	7.0	0.32	440	10	< 0.5	< 2	4.41	10.0	4	89	71	>15.00	10	3	0.01	10	0.41	>10000
N109191	205	226	< 5	5.2	0.16	228	50	0.5	< 2	5.42	4.0	1	70	30	>15.00	< 10	1	0.01	10	0.79	>10000
N109192	205	226	< 5	5.4	0.16	220	60	0.5	< 2	7.89	3.0	2	118	52	>15.00	< 10	1	0.03	10	0.67	>10000
N109193	205	226	5	6.2	0.20	232	40	0.5	< 2	10.65	1.5	3	119	84	>15.00	< 10	1	< 0.01	< 10	0.45	>10000
N109194	205	226	< 5	4.6	0.12	158	50	0.5	< 2	11.30	0.5	2	98	32	>15.00	< 10	1	< 0.01	< 10	0.35	9030
N109195	205	226	< 5	8.6	0.10	310	60	0.5	< 2	9.14	3.5	3	87	57	>15.00	10	1	0.01	< 10	0.54	>10000
N109196	205	226	< 5	3.0	0.07	368	50	0.5	< 2	7.68	1.0	2	79	35	>15.00	< 10	3	< 0.01	< 10	0.56	9810
N109197	205	226	10	5.8	0.07	842	50	0.5	< 2	2.86	< 0.5	3	87	63	>15.00	10	< 1	0.01	< 10	0.68	>10000
N109198	205	226	< 5	2.4	0.08	242	50	0.5	< 2	3.29	< 0.5	3	91	34	>15.00	10	2	0.01	10	0.71	>10000
N109199	205	226	10	13.8	0.69	592	40	0.5	< 2	1.71	2.0	6	106	44	11.75	< 10	1	0.20	10	0.38	3920
N109200	205	226	15	2.2	0.31	18	70	< 0.5	< 2	0.04	3.0	9	180	48	2.32	< 10	< 1	0.11	< 10	0.01	125
N109201	205	226	20	2.4	0.34	74	60	< 0.5	< 2	0.03	3.5	6	143	74	2.97	< 10	< 1	0.11	< 10	0.01	75
N109202	205	226	80	9.4	0.39	222	10	< 0.5	< 2	0.24	25.5	13	80	108	8.12	< 10	26	0.13	< 10	0.01	105
N109203	205	226	30	1.8	0.43	116	90	< 0.5	< 2	0.20	2.5	14	118	47	2.77	< 10	1	0.13	10	0.01	70
N109204	205	226	45	2.6	0.41	84	130	< 0.5	< 2	0.16	< 0.5	11	135	47	2.24	< 10	< 1	0.15	< 10	0.01	30
N109205	205	226	30	7.2	0.47	118	90	< 0.5	< 2	0.26	0.5	12	125	49	3.72	< 10	< 1	0.13	< 10	0.04	285
N109206	205	226	225	4.2	0.19	1270	30	< 0.5	< 2	2.35	1.5	4	106	38	>15.00	< 10	1	0.05	10	0.69	>10000
N109207	205	226	980	3.8	0.13	1610	20	< 0.5	< 2	2.92	1.5	3	78	43	>15.00	< 10	2	0.02	10	0.44	>10000
N109208	205	226	865	2.8	0.11	1900	30	< 0.5	< 2	2.37	0.5	3	90	32	>15.00	< 10	< 1	0.01	< 10	0.31	>10000
N109209	205	226	35	3.6	0.15	234	100	0.5	< 2	2.64	< 0.5	2	90	39	>15.00	< 10	1	0.04	< 10	0.40	>10000
N109210	205	226	950	3.8	0.17	1745	50	< 0.5	< 2	3.11	< 0.5	3	101	42	>15.00	< 10	< 1	0.03	< 10	0.29	8790
N109211	205	226	75	1.8	0.15	486	90	0.5	< 2	3.07	< 0.5	3	78	22	>15.00	< 10	3	0.03	< 10	0.27	>10000
N109212	205	226	65	5.0	0.24	440	100	0.5	< 2	2.62	< 0.5	3	107	36	>15.00	< 10	2	0.06	10	0.24	>10000
N109213	205	226	25	7.4	0.34	388	50	0.5	< 2	3.23	0.5	4	106	39	>15.00	< 10	4	0.05	10	0.31	>10000
N109214	205	226	325	8.0	0.51	2840	30	0.5	< 2	4.31	1.5	6	110	90	>15.00	< 10	1	0.03	10	0.40	>10000
N109215	205	226	60	4.6	0.49	578	30	0.5	< 2	6.65	1.5	4	115	75	>15.00	< 10	2	0.03	10	0.44	>10000
N109216	205	226	15	0.8	0.98	76	40	0.5	< 2	2.22	1.0	10	64	45	3.48	< 10	< 1	0.28	< 10	0.84	830
N109217	205	226	10	1.0	0.73	130	40	< 0.5	< 2	1.93	< 0.5	8	102	46	2.85	< 10	< 1	0.25	< 10	0.51	570
N109218	205	226	20	0.6	0.33	72	140	< 0.5	< 2	2.18	1.5	3	165	4	1.10	< 10	1	0.15	< 10	0.09	335

CERTIFICATION: Ian Fuller

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

Certificate Date: 05-NOV-199
Invoice No. :19834248
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9834248

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ba XRF ppm
N109179	205	226	7	< 0.01	70	980	62	18	< 1	12	0.01	< 10	< 10	43	< 10	1515	925
N109180	205	226	11	< 0.01	95	750	1575	950	1	12	< 0.01	< 10	< 10	50	< 10	2800	580
N109181	205	226	1	< 0.01	29	260	18	8	3	6	0.05	< 10	< 10	106	< 10	216	440
N109182	205	226	1	< 0.01	18	200	20	12	2	81	0.02	< 10	< 10	80	< 10	34	355
N109183	205	226	< 1	< 0.01	22	200	14	8	3	19	0.04	< 10	< 10	113	< 10	40	330
N109184	205	226	< 1	< 0.01	16	200	52	2	3	147	0.03	< 10	< 10	95	< 10	188	240
N109185	205	226	1	< 0.01	20	210	88	2	2	58	0.03	< 10	< 10	70	< 10	560	235
N109186	205	226	1	< 0.01	23	210	32	2	2	28	0.03	< 10	< 10	71	< 10	424	280
N109187	205	226	2	< 0.01	22	160	32	< 2	2	42	0.03	< 10	< 10	71	< 10	536	240
N109188	205	226	1	< 0.01	27	220	178	6	2	50	0.01	< 10	< 10	58	< 10	1005	620
N109189	205	226	2	< 0.01	67	450	3210	86	< 1	33	< 0.01	< 10	< 10	22	10	>10000	370
N109190	205	226	< 1	< 0.01	29	8310	1885	36	3	148	< 0.01	< 10	10	385	< 10	3670	50
N109191	205	226	< 1	< 0.01	12	>10000	1895	16	2	161	< 0.01	< 10	10	393	< 10	1590	45
N109192	205	226	< 1	< 0.01	13	>10000	1835	16	1	228	< 0.01	< 10	< 10	413	< 10	1320	75
N109193	205	226	< 1	< 0.01	19	>10000	2110	10	3	254	< 0.01	< 10	10	458	< 10	482	55
N109194	205	226	1	< 0.01	17	9920	1555	14	1	237	< 0.01	< 10	10	395	< 10	228	80
N109195	205	226	< 1	< 0.01	26	>10000	2640	16	1	230	< 0.01	< 10	< 10	348	< 10	1125	75
N109196	205	226	< 1	< 0.01	33	9660	666	14	1	214	< 0.01	< 10	10	308	< 10	234	55
N109197	205	226	2	< 0.01	47	9940	1025	18	2	125	< 0.01	< 10	< 10	309	< 10	152	45
N109198	205	226	< 1	< 0.01	33	9630	392	12	4	145	< 0.01	< 10	10	321	< 10	118	35
N109199	205	226	3	< 0.01	64	3790	2620	22	3	77	< 0.01	< 10	< 10	110	< 10	1160	1140
N109200	205	226	4	< 0.01	41	60	52	12	1	8	< 0.01	< 10	< 10	26	< 10	510	545
N109201	205	226	6	< 0.01	61	150	70	16	< 1	22	< 0.01	10	< 10	21	< 10	366	700
N109202	205	226	1	< 0.01	115	1030	4210	214	1	54	< 0.01	20	< 10	24	10	>10000	1275
N109203	205	226	3	< 0.01	100	800	164	44	< 1	79	< 0.01	< 10	< 10	15	< 10	2240	1100
N109204	205	226	3	< 0.01	50	600	50	28	< 1	35	< 0.01	< 10	< 10	11	< 10	188	1410
N109205	205	226	5	< 0.01	142	1010	164	90	< 1	65	< 0.01	< 10	< 10	38	< 10	592	1085
N109206	205	226	< 1	< 0.01	41	7250	1165	34	20	183	< 0.01	< 10	< 10	364	< 10	162	105
N109207	205	226	< 1	< 0.01	21	>10000	1365	242	13	242	< 0.01	< 10	< 10	235	< 10	248	85
N109208	205	226	1	< 0.01	12	7810	1395	440	8	171	< 0.01	< 10	< 10	219	< 10	66	90
N109209	205	226	1	< 0.01	15	8590	460	24	5	122	< 0.01	< 10	< 10	342	< 10	212	110
N109210	205	226	1	< 0.01	14	8660	576	94	6	178	< 0.01	< 10	< 10	293	< 10	156	105
N109211	205	226	< 1	< 0.01	9	8340	168	20	3	151	< 0.01	< 10	< 10	350	< 10	120	75
N109212	205	226	5	< 0.01	16	8100	1450	20	4	152	< 0.01	< 10	< 10	395	< 10	142	120
N109213	205	226	3	< 0.01	46	7890	2340	46	11	204	< 0.01	< 10	< 10	422	< 10	780	105
N109214	205	226	< 1	< 0.01	66	>10000	1510	104	6	355	< 0.01	< 10	10	468	< 10	486	55
N109215	205	226	2	< 0.01	42	>10000	876	54	6	484	< 0.01	< 10	< 10	468	< 10	528	75
N109216	205	226	18	0.01	42	1040	40	8	2	82	< 0.01	< 10	< 10	33	< 10	144	8260
N109217	205	226	6	0.01	52	540	16	6	3	67	< 0.01	< 10	< 10	16	< 10	132	7100
N109218	205	226	2	< 0.01	18	310	18	16	< 1	54	< 0.01	< 10	< 10	15	< 10	630	890

CERTIFICATION:

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

Certificate Date: 05-NOV-199
Invoice No. : I9834248
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9834248

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N109219	205	226	10	0.4	0.16	26	40	< 0.5	< 2	4.21	< 0.5	2	126	1	1.07	< 10	< 1	0.07	< 10	0.09	755
N109220	205	226	10	0.4	0.18	18	60	< 0.5	< 2	1.98	< 0.5	1	132	1	1.01	< 10	< 1	0.08	< 10	0.05	265
N109221	205	226	15	0.6	1.68	32	140	0.5	< 2	1.19	0.5	20	49	86	4.63	< 10	< 1	0.38	10	0.94	640
N109222	205	226	< 5	1.0	1.21	32	30	< 0.5	< 2	1.52	< 0.5	137	92	280	12.60	< 10	< 1	0.08	< 10	0.16	1860
N109223	205	226	< 5	8.8	0.57	16	10	< 0.5	18	1.83	12.0	334	34	1730	>15.00	10	< 1	0.08	< 10	0.14	4390
N109224	205	226	< 5	3.0	0.62	8	30	< 0.5	10	1.40	7.0	181	66	551	14.10	< 10	1	0.10	< 10	0.13	2650
N109225	205	226	< 5	1.0	1.29	66	30	< 0.5	2	0.60	< 0.5	169	81	314	11.75	< 10	1	0.09	< 10	0.18	1560
N109226	205	226	< 5	0.2	1.42	46	50	< 0.5	4	1.49	< 0.5	116	92	187	9.55	< 10	2	0.18	< 10	0.18	2210
N109227	205	226	< 5	0.2	2.54	< 2	130	< 0.5	< 2	1.46	< 0.5	44	76	81	11.90	< 10	< 1	0.71	< 10	0.29	4690
N109228	205	226	< 5	3.0	0.87	92	40	< 0.5	6	3.98	21.5	221	67	397	13.65	< 10	2	0.16	< 10	0.14	3020
N109229	205	226	< 5	< 0.2	0.86	< 2	30	< 0.5	< 2	11.30	1.5	14	64	14	3.71	< 10	2	0.08	< 10	0.13	2560
N109230	205	226	< 5	0.2	1.14	22	40	< 0.5	< 2	4.68	4.5	40	77	58	6.46	< 10	< 1	0.12	< 10	0.20	1695
N109231	205	226	30	1.6	0.82	188	50	< 0.5	< 2	1.37	0.5	53	95	260	9.33	< 10	3	0.22	< 10	0.15	2090
N109232	205	226	25	2.6	0.39	196	30	< 0.5	< 2	1.05	0.5	32	121	315	11.00	< 10	< 1	0.11	< 10	0.15	1255
N109233	205	226	40	4.8	0.37	796	40	< 0.5	2	0.87	< 0.5	32	75	480	14.00	< 10	1	0.12	< 10	0.08	1485
N109234	205	226	100	13.8	0.22	1740	10	< 0.5	34	0.99	1.5	53	37	1220	>15.00	< 10	3	0.06	< 10	0.11	2160
N109235	205	226	20	3.6	0.29	280	30	< 0.5	< 2	3.78	9.0	22	65	201	9.47	< 10	1	0.08	< 10	0.09	3030
N109236	205	226	30	1.2	0.85	6	30	< 0.5	6	2.32	< 0.5	66	77	567	13.25	< 10	1	0.08	< 10	0.21	2780
N109237	205	226	35	1.4	1.34	192	20	< 0.5	4	1.36	< 0.5	31	69	471	>15.00	< 10	< 1	0.27	< 10	0.22	3330
N109238	205	226	< 5	0.2	2.45	6	110	< 0.5	< 2	2.39	< 0.5	16	77	97	9.68	< 10	2	0.54	< 10	0.26	4030
N109239	205	226	< 5	0.6	2.02	< 2	80	0.5	< 2	2.67	< 0.5	9	103	120	8.51	< 10	1	0.21	10	0.38	3800
N109240	205	226	10	1.8	0.58	42	80	< 0.5	< 2	0.38	1.5	22	118	70	4.07	< 10	2	0.14	10	0.07	795
N109241	205	226	< 5	0.8	0.24	< 2	50	< 0.5	< 2	0.04	< 0.5	6	171	35	1.68	< 10	< 1	0.07	< 10	0.01	80
N109242	205	226	< 5	1.2	0.22	2	50	< 0.5	< 2	0.02	< 0.5	5	147	26	1.15	< 10	< 1	0.08	< 10	0.01	50
N109243	205	226	< 5	1.0	0.20	4	50	< 0.5	< 2	0.03	< 0.5	5	149	32	1.24	< 10	< 1	0.09	< 10	0.01	50
N109244	205	226	< 5	1.8	0.31	8	70	< 0.5	< 2	0.03	< 0.5	6	130	47	1.50	< 10	1	0.12	< 10	0.02	75
N109245	205	226	10	1.8	0.15	12	90	< 0.5	< 2	0.08	14.5	12	176	69	1.37	< 10	6	0.05	< 10	< 0.01	55
N109246	205	226	5	2.2	0.69	18	60	< 0.5	< 2	0.10	< 0.5	11	61	66	3.89	< 10	< 1	0.23	10	0.03	115
N109247	205	226	5	2.0	0.55	22	80	< 0.5	< 2	0.08	< 0.5	12	56	54	2.96	< 10	< 1	0.19	10	0.03	110
N109248	205	226	10	2.8	0.32	24	50	< 0.5	< 2	0.09	1.0	8	77	89	2.76	< 10	< 1	0.11	10	0.01	75
N109249	205	226	25	4.8	0.37	50	60	0.5	< 2	0.03	1.0	11	63	115	4.36	< 10	< 1	0.15	10	0.02	105
N109250	205	226	5	1.8	0.27	20	40	< 0.5	< 2	0.01	< 0.5	7	117	51	1.52	< 10	< 1	0.10	< 10	0.03	40
N109401	205	226	10	3.6	0.30	36	30	< 0.5	< 2	0.03	1.5	9	78	114	2.63	< 10	< 1	0.10	< 10	0.01	65
N109402	205	226	10	0.8	0.23	24	50	< 0.5	< 2	0.14	< 0.5	8	140	36	1.18	< 10	< 1	0.07	< 10	0.01	55
N109403	205	226	< 5	0.8	0.34	14	70	< 0.5	< 2	0.18	< 0.5	9	114	48	2.09	< 10	1	0.10	< 10	0.01	175
N109404	205	226	80	11.0	0.38	304	40	< 0.5	< 2	0.29	32.5	7	115	116	6.71	< 10	2	0.12	< 10	0.07	1350
N109405	205	226	55	4.8	0.81	226	80	0.5	< 2	1.50	2.0	8	95	65	6.14	< 10	< 1	0.25	10	0.22	5070
N109406	205	226	10	4.8	0.65	422	20	0.5	< 2	2.24	0.5	10	62	147	13.70	< 10	< 1	0.18	10	0.35	>10000
N109407	205	226	75	7.0	0.58	242	20	0.5	< 2	0.92	4.5	6	100	89	12.00	< 10	3	0.16	< 10	0.15	4540
N109408	205	226	110	3.8	0.80	1050	10	0.5	< 2	4.22	1.0	4	171	73	>15.00	10	1	0.20	10	0.50	>10000

CERTIFICATION:

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Page Number :2-B
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CERTIFICATE OF ANALYSIS A9834248

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ba XRF ppm
N109219	205	226	2	< 0.01	11	310	2	8	< 1	140	< 0.01	< 10	< 10	8	< 10	62	385
N109220	205	226	< 1	< 0.01	10	260	10	10	< 1	65	< 0.01	< 10	< 10	7	< 10	94	520
N109221	205	226	4	0.01	39	1270	10	28	5	136	< 0.01	< 10	< 10	52	< 10	118	5120
N109222	205	226	< 1	< 0.01	24	180	12	< 2	1	16	0.01	< 10	< 10	69	< 10	68	185
N109223	205	226	< 1	< 0.01	57	70	916	10	1	47	< 0.01	< 10	10	44	< 10	3690	135
N109224	205	226	< 1	< 0.01	35	90	248	< 2	1	14	< 0.01	< 10	< 10	47	< 10	3180	200
N109225	205	226	< 1	< 0.01	15	120	66	2	1	8	0.01	< 10	< 10	46	< 10	120	230
N109226	205	226	1	< 0.01	14	120	6	4	2	20	0.02	< 10	< 10	63	< 10	78	170
N109227	205	226	< 1	< 0.01	15	170	8	2	3	14	0.06	< 10	< 10	89	< 10	86	200
N109228	205	226	1	< 0.01	26	350	892	6	1	36	0.01	< 10	< 10	46	< 10	7350	230
N109229	205	226	1	< 0.01	5	110	22	< 2	1	191	< 0.01	< 10	< 10	31	< 10	514	170
N109230	205	226	1	< 0.01	12	140	24	2	1	68	0.01	< 10	< 10	36	< 10	1995	285
N109231	205	226	< 1	< 0.01	17	240	28	16	< 1	33	0.01	< 10	< 10	37	< 10	204	345
N109232	205	226	< 1	< 0.01	17	440	20	52	< 1	21	< 0.01	< 10	< 10	28	< 10	122	250
N109233	205	226	< 1	< 0.01	30	440	24	44	< 1	10	< 0.01	< 10	< 10	17	< 10	260	465
N109234	205	226	< 1	< 0.01	24	100	140	56	< 1	20	< 0.01	< 10	10	11	< 10	292	155
N109235	205	226	< 1	< 0.01	43	200	882	504	< 1	78	< 0.01	< 10	< 10	9	< 10	1395	430
N109236	205	226	< 1	< 0.01	15	180	8	2	1	40	0.01	< 10	< 10	44	< 10	116	235
N109237	205	226	< 1	< 0.01	13	230	12	6	1	24	0.03	< 10	< 10	64	< 10	44	240
N109238	205	226	1	< 0.01	10	190	2	6	2	54	0.06	< 10	< 10	81	< 10	64	225
N109239	205	226	1	< 0.01	11	170	4	6	3	41	0.03	< 10	< 10	110	< 10	84	305
N109240	205	226	1	< 0.01	124	380	196	10	1	10	< 0.01	< 10	< 10	34	< 10	1555	630
N109241	205	226	1	< 0.01	35	30	22	4	< 1	5	< 0.01	< 10	< 10	10	< 10	190	325
N109242	205	226	1	< 0.01	30	60	12	< 2	< 1	6	< 0.01	< 10	< 10	8	< 10	94	530
N109243	205	226	2	< 0.01	33	40	18	2	< 1	9	< 0.01	< 10	< 10	11	< 10	128	425
N109244	205	226	3	< 0.01	44	100	24	6	1	11	< 0.01	< 10	< 10	22	< 10	142	505
N109245	205	226	< 1	< 0.01	93	340	198	34	< 1	22	< 0.01	< 10	< 10	10	10	>10000	560
N109246	205	226	6	< 0.01	83	360	66	4	1	49	< 0.01	< 10	< 10	40	< 10	276	735
N109247	205	226	2	< 0.01	78	310	76	< 2	2	57	< 0.01	< 10	< 10	27	< 10	122	640
N109248	205	226	11	< 0.01	90	380	66	4	1	74	< 0.01	< 10	< 10	33	< 10	514	530
N109249	205	226	16	< 0.01	114	100	82	26	1	16	< 0.01	< 10	< 10	43	< 10	498	570
N109250	205	226	3	< 0.01	56	40	38	6	< 1	7	< 0.01	< 10	< 10	21	< 10	110	325
N109401	205	226	12	< 0.01	135	80	92	4	< 1	7	< 0.01	< 10	< 10	34	< 10	894	330
N109402	205	226	< 1	< 0.01	50	600	14	20	< 1	73	< 0.01	< 10	< 10	11	< 10	52	345
N109403	205	226	2	0.02	53	730	28	14	< 1	63	< 0.01	< 10	< 10	8	< 10	74	540
N109404	205	226	4	< 0.01	169	850	1760	576	1	58	< 0.01	< 10	< 10	44	< 10	4100	560
N109405	205	226	6	< 0.01	262	3610	122	94	3	201	< 0.01	< 10	< 10	107	< 10	510	930
N109406	205	226	6	< 0.01	430	1960	342	84	3	257	< 0.01	< 10	< 10	152	< 10	894	865
N109407	205	226	1	< 0.01	203	2590	3420	32	2	145	< 0.01	< 10	< 10	115	< 10	2730	1065
N109408	205	226	1	< 0.01	57	>10000	1290	14	6	615	0.01	< 10	10	493	< 10	654	145

CERTIFICATION: Hawthfichler.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

Page Number :3-A
Total Pages :3
Certificate Date: 05-NOV-199
Invoice No. :19834248
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9834248

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N109409	205	226	710	6.6	0.74	2610	10	0.5	< 2	4.33	2.5	5	173	72	>15.00	< 10	3	0.22	10	0.43	>10000
N109410	205	226	65	3.4	0.59	228	40	0.5	< 2	6.35	1.5	7	85	83	11.55	< 10	4	0.22	10	0.51	>10000
N109411	205	226	30	1.8	0.68	96	150	0.5	< 2	1.95	1.5	11	54	43	3.24	< 10	1	0.29	< 10	0.84	1205
N109412	205	226	30	3.4	0.86	110	180	0.5	< 2	2.56	0.5	7	98	49	2.84	< 10	< 1	0.36	< 10	0.95	675
N109413	205	226	< 5	< 0.2	0.36	18	180	< 0.5	< 2	7.56	< 0.5	1	50	5	1.00	< 10	1	0.17	< 10	0.15	225

CERTIFICATION:

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Project : BLK98-05
Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

Certificate Date: 05-NOV-199
Invoice No. : 19834248
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9834248

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ba XRF ppm
N109409	205	226	< 1	< 0.01	56	>10000	2500	18	5	511	0.01	< 10	< 10	420	< 10	1360	335
N109410	205	226	4	< 0.01	166	3880	336	36	2	517	< 0.01	< 10	< 10	164	< 10	948	940
N109411	205	226	17	< 0.01	42	820	48	22	1	136	< 0.01	< 10	< 10	23	< 10	160	2470
N109412	205	226	8	< 0.01	47	640	18	22	3	126	< 0.01	< 10	< 10	24	< 10	152	2640
N109413	205	226	1	< 0.01	13	240	8	2	< 1	321	< 0.01	< 10	< 10	18	< 10	54	1550

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9834717

Comments: ATTN:MURRAY JONES

CERTIFICATE A9834717

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK98-05
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-OCT-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	3	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	3	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : BLK98-05
Comments: ATTN:MURRAY JONES

Page Number :1
Total Pages :1
Certificate Date: 29-OCT-1998
Invoice No. :19834717
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9834717

SAMPLE	PREP CODE	Zn %
109150	244 --	10.50
109151	244 --	1.84
109163	244 --	1.72

CERTIFICATION:

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9835097

Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

CERTIFICATE A9835097

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK98-05
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 04-NOV-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	3	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	3	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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V6B 1N2

Project : BLK98-05
Comments: ATTN: MURRAY JONES CC: BRIAN BUTTERWORTH

Page Number : 1
Total Pages : 1
Certificate Date: 04-NOV-199
Invoice No. : I9835097
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9835097

SAMPLE	PREP CODE		Zn %
N109189	244	--	2.71
N109202	244	--	3.62
N109245	244	--	1.01

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9835053

Comments: ATTN:MURRAY JONES

CERTIFICATE A9835053

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK98-05
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-NOV-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	78	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
912	78	Ba ppm	XRF	10	50000

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V6B 1N2

Project : BLK98-05
Comments: ATTN:MURRAY JONES

Page Number :1
Total Pages :2
Certificate Date: 13-NOV-199
Invoice No. :19835053
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9835053

SAMPLE	PREP CODE	Ba XRF ppm
109101	244 --	535
109102	244 --	490
109103	244 --	465
109104	244 --	375
109105	244 --	455
109106	244 --	435
109107	244 --	445
109108	244 --	430
109109	244 --	415
109110	244 --	480
109111	244 --	465
109112	244 --	470
109113	244 --	560
109114	244 --	555
109115	244 --	505
109116	244 --	345
109117	244 --	355
109118	244 --	290
109119	244 --	270
109120	244 --	170
109121	244 --	185
109122	244 --	205
109123	244 --	600
109124	244 --	760
109125	244 --	280
109126	244 --	355
109127	244 --	135
109128	244 --	365
109129	244 --	320
109130	244 --	75
109131	244 --	285
109132	244 --	95
109133	244 --	265
109134	244 --	155
109135	244 --	260
109136	244 --	255
109137	244 --	200
109138	244 --	255
109139	244 --	240
109140	244 --	265

CERTIFICATION:

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Project : BLK98-05
Comments: ATTN:MURRAY JONES

Page Number :2
Total Pages :2
Certificate Date: 13-NOV-199
Invoice No. :19835053
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9835053

SAMPLE	PREP CODE	Ba XRF ppm
109141	244 --	225
109142	244 --	345
109143	244 --	370
109144	244 --	160
109145	244 --	275
109146	244 --	370
109147	244 --	430
109148	244 --	485
109149	244 --	535
109150	244 --	285
109151	244 --	480
109152	244 --	710
109153	244 --	740
109154	244 --	685
109155	244 --	240
109156	244 --	475
109157	244 --	735
109158	244 --	690
109159	244 --	585
109160	244 --	575
109161	244 --	365
109162	244 --	335
109163	244 --	385
109164	244 --	380
109165	244 --	575
109166	244 --	520
109167	244 --	820
109168	244 --	640
109169	244 --	435
109170	244 --	625
109171	244 --	385
109172	244 --	165
109173	244 --	3540
109174	244 --	1610
109175	244 --	1435
109176	244 --	3080
109177	244 --	1790
109178	244 --	750

CERTIFICATION:

RERUNS from A9833999

APPENDIX G

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Murray I. Jones of 8606 144A St., Surrey, in the Province of British Columbia, DO HEREBY CERTIFY:

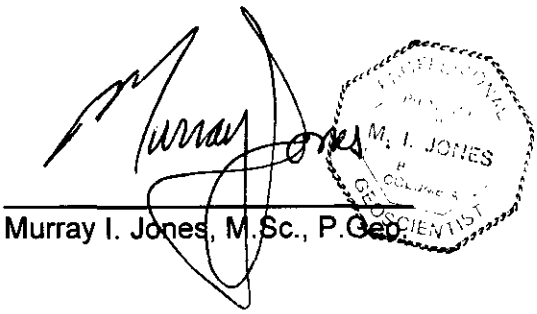
1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Honours degree in Geology (1982) and the University of Ottawa with a Master's of Science degree in Geology (1992).

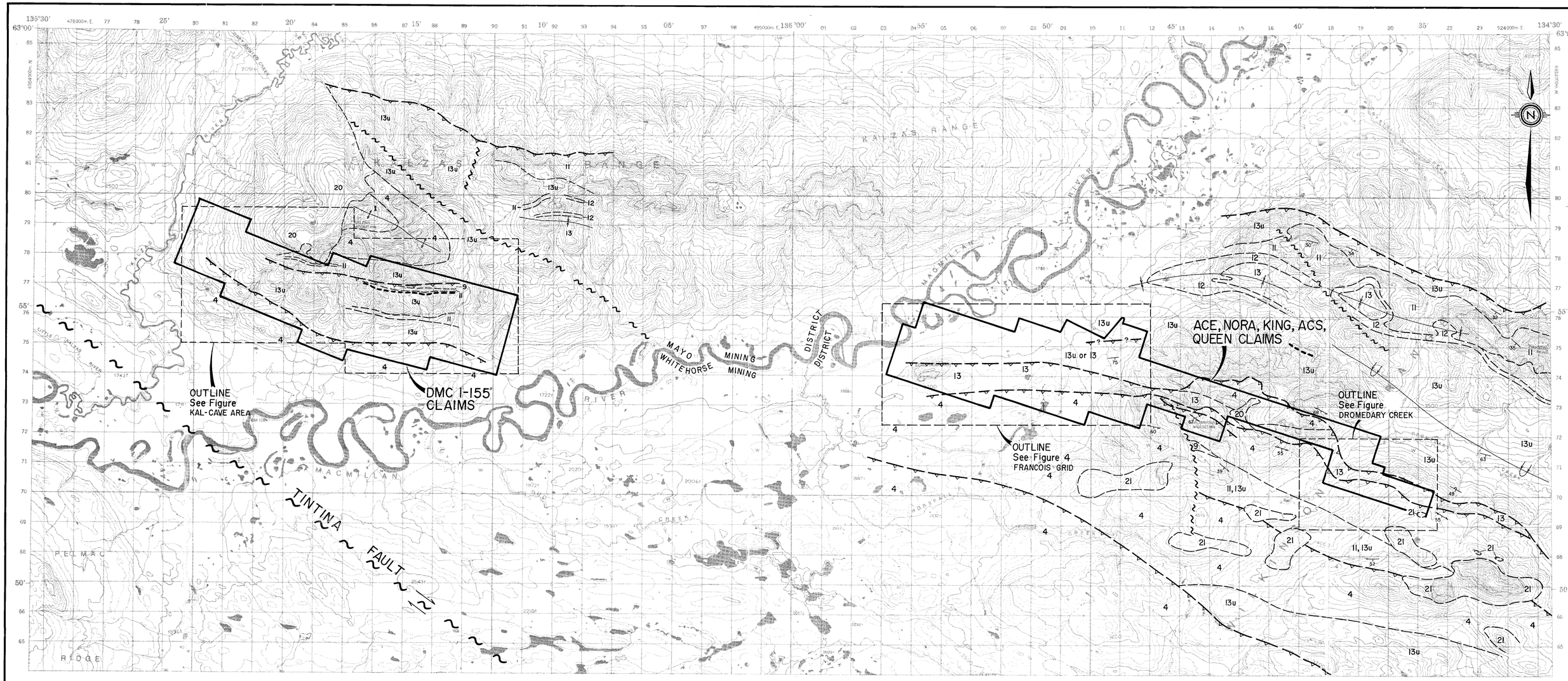
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (No. 20063).

4. THAT this report is based on property work I conducted and/or supervised during September and October, 1998, as well as government publications and assessment reports filed with the Yukon Territory.

DATED at Vancouver, British Columbia, this__day of December, 1998.



Murray I. Jones, M.Sc., P.Geo.



LEGEND

Intrusive Units

Cretaceous to Tertiary

South Fork Formation

Unit 21 Hornblende plagioclase, quartz biotite porphyry, intrusive breccia

Cretaceous

Unnamed

Unit 20 Granodiorite, quartz monzonite

Stratigraphic Units

Permian-Triassic

Unnamed

Unit 10 Calcareous sandstone, micaeous silty shale, arenaceous limestone

EARN GROUP

Devonian -Mississippian

Unit 13u Undivided

Unnamed

Unit 13 Chert, argillite, limestone, barite

Kalzas Formation

Unit 12 Fossiliferous limestone, laminated fossiliferous sandy limestone and silty shale and crinoidal quartz sandstone

Crystal Peak Formation

Unit 11 Chert pebble conglomerate, chert lithic sandstone, interbedded siltstone-shale

ROAD RIVER GROUP

Ordovician to Silurian

Unnamed

Unit 9 Graptolitic, siliceous and graphitic shale, siltstone

KECHIKA GROUP

Cambrian-Ordovician

Unnamed

Unit 4 Calcareous muscovite phyllite and wavy banded limestone, calcareous siltstone

Lower Cambrian or Earlier

Unnamed

Unit 1 Quartzite, interbedded sandstone and limestone

MAP SYMBOLS

- Lithological contact
- Bedding (inclined, vertical, overturned)
- High angle fault
- Thrust fault
- Anticline (upright, overturned)
- Syncline (upright, overturned)
- Barite

Geology compiled from Anaconda Canada Exploration Ltd. (Hall, 1983)

093945

KILOMETRES

0 .5 1 2 3 4 5

BLACKSTONE RESOURCES INC.

DROMEDARY PROPERTY
GEOLOGY MAP

EQUITY	Date DEC. 1997	Scale 1: 50,000	FIGURE 3
	U.T.M. Zone	Mining District Mayo and Whitehorse	
	N.T.S. 105 L/14, 15	State/Province YUKON	

LEGEND

MINERAL ABBREVIATIONS

GE Goethite
HE Hematite
MN MN-oxide
SL Sphalerite
GL Galena
PY Pyrite
Pø Pyrrhotite
CB Carbonate
CA Calcite
QZ Quartz
BI Biotite

MAP SYMBOLS

Outcrop
Thrust fault
Rock sample; outcrop, float
Trench
Helicopter pad
Geological contact
Drill Hole
Massive sulphide, with mineralogy
Gravity Anomaly
Mag>57500 γ

EARN GROUP

Devonian-Mississippian

Unit 13u Undivided

Unnamed

Unit 13 Chert, argillite, limestone, barite

Kalzas Formation

Unit 12 Fossiliferous limestone, laminated fossiliferous sandy limestone and silty shale and crinoidal quartz sandstone

Crystal Peak Formation

Unit 11 Chert pebble conglomerate, chert lithic sandstone, interbedded siltstone-shale

KECHIKA GROUP

Cambrian-Ordovician

Unnamed

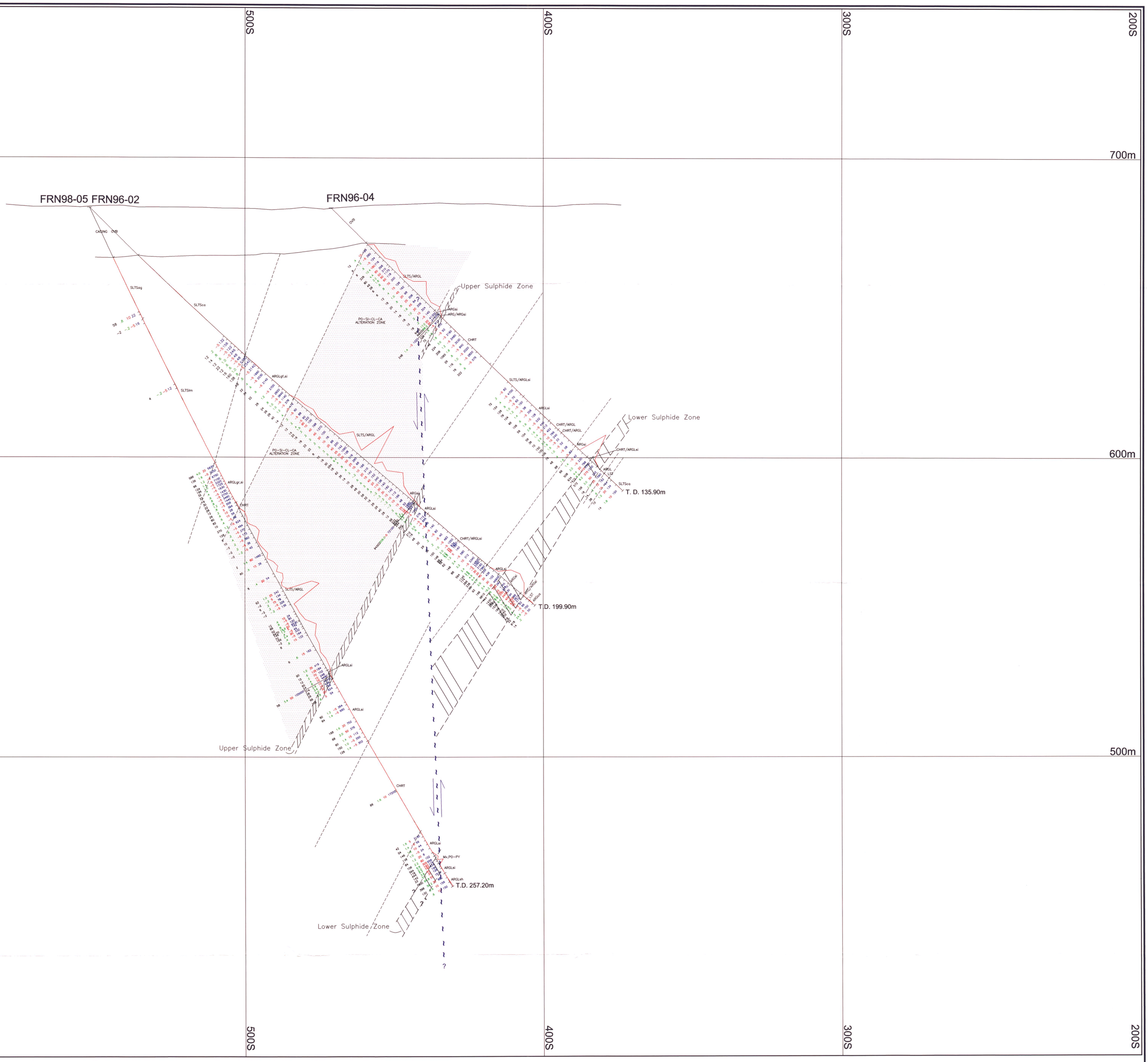
Unit 4 Calcareous muscovite phyllite and wavy banded limestone, calcareous siltstone

METRES
0 200 400 600 800 1000

BLACKSTONE RESOURCES INC.

DROMEDARY PROPERTY
FRANCOIS GRID
GEOLOGY AND COMPILATION MAP

EQUITY	Date DEC. 1998	Scale 1: 10,000	FIGURE
	U.T.M. Zone	Mining District Whitehorse	4
	N.T.S. 105 L/15	State/Province YUKON	



LEGEND

Lithologies

ARGL	argillite, generally finely laminated, grey to black, turbiditic
ARGLsi	siliceous argillite, black, laminated, locally cherty (alteration?), hard
ARGLsh	shaley argillite, relatively soft, carbonaceous
ARGLgr	graphitic argillite, strongly conductive, strongly foliated, sulphidic
SLTS	siltstone, finegrained to sandy, commonly interbedded argillite common
SLTSlm	limy siltstone, local argillaceous interbeds, light grey to dark
SLTSag	argillaceous siltstone, dark grey, foliated, thinly bedded
CHRT	chert, cryptocrystalline, massive to laminated, grey to black
MXSX	massive sulphide, with mineralogy

Geochemical Results

magnetic susceptibility (1.25units/centimetre)

Symbols

mineralized zone

geological contact

fault

alteration zone P0-SI-CL-CA

093G45

BLACKSTONE RESOURCES INC.

Dromedary Property

Section 4000W

Drill Hole FRN98-05, 96-02, 96-04

(Looking West)

EQUITY	Date: January 9, 1999	Scale: 1 : 500	Figure: 5
	U.T.M. Zone: 8	Mining Division: Whitehorse	
	N.T.S.: 105L/15	State/Province: Yukon	

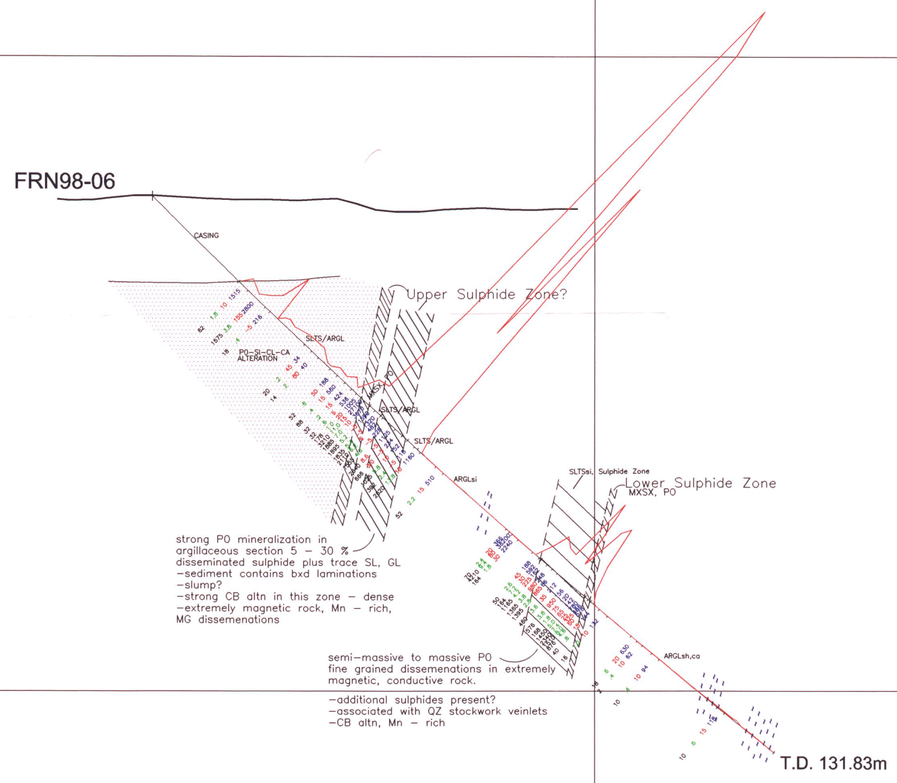
600S 500S 400S 300S 200S

700m 700m

600m 600m

500m 500m

600S 500S 400S 300S 200S

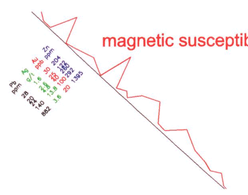


LEGEND

Lithologies

ARGL	argillite, generally finely laminated, grey to black, turbiditic
ARGLsi	siliceous argillite, black, laminated, locally cherty (alteration?), hard
ARGLsh	shaley argillite, relatively soft, carbonaceous
ARGLgr	graphitic argillite, strongly conductive, strongly foliated, sulphidic
SLTS	siltstone, finegrained to sandy, commonly interbedded argillite common
SLTSlm	limy siltstone, local argillaceous interbeds, light grey to dark
SLTSag	argillaceous siltstone, dark grey, foliated, thinly bedded
CHRT	chert, cryptocrystalline, massive to laminated, grey to black
MXSX	massive sulphide, with mineralogy

Geochemical Results



magnetic susceptibility (1.25units/centimetre)

Symbols

mineralized zone

geological contact

fault

alteration zone P0-SI-CL-CA

093 945

BLACKSTONE RESOURCES INC.

Dromedary Property

Section 4100W

Drill Hole FRN98–06

(Looking West)

EQUITY	Date: January 9, 1999	Scale: 1 : 500	Figure: 6
	U.T.M. Zone: 8	Mining Division: Whitehorse	
	N.T.S.: 105L/15	State/Province: Yukon	

600S 500S 400S 300S 200S

700m 700m

FRN98-07

CASING

SLTS/ARGL

P0-SI-CL-CA ALTERATION ZONE

Upper Sulphide Zone
0.5-3.0% SL, WISPS/VEINLETS

ARGLsi

CHRT/ ARGLsi

ARGLsi ARGLsh

Lower Sulphide Zone
Mx P0, PY SI VEINLET STOCKWORK

MXSX, P0-PY

ARGLsh

T.D. 145.54m

600m 600m

500m 500m

600S 500S 400S 300S 200S

LEGEND

Lithologies

ARGL	argillite, generally finely laminated, grey to black, turbiditic
ARGLsi	siliceous argillite, black, laminated, locally cherty (alteration?), hard
ARGLsh	shaley argillite, relatively soft, carbonaceous
ARGLgr	graphitic argillite, strongly conductive, strongly foliated, sulphidic
SLTS	siltstone, finegrained to sandy, commonly interbedded argillite common
SLTSlm	limy siltstone, local argillaceous interbeds, light grey to dark
SLTSag	argillaceous siltstone, dark grey, foliated, thinly bedded
CHRT	chert, cryptocrystalline, massive to laminated, grey to black
MXSX	massive sulphide, with mineralogy

Geochemical Results

magnetic susceptibility (1.25units/centimetre)

Symbols

mineralized zone

geological contact

fault

alteration zone P0-SI-CL-CA

093445

BLACKSTONE RESOURCES INC.

Dromedary Property

Section 3900W

Drill Hole FRN98-07

(Looking West)

EQUITY	Date: January 9, 1999	Scale: 1 : 500	Figure: 7
	U.T.M. Zone: 8	Mining Division: Whitehorse	
	N.T.S.: 105L/15	State/Province: Yukon	