DIAMOND DRILL REPORT

ON THE

DRAGON LAKE PROPERTY

DRAG 1-4 YB67142-45
DRAG 5-6 YB96313-14
DRAG 7-8 YB96608-09
DRAG 13-24 YC09170-81
DRAG 25-44 YC18119-38

094042

Dragon Lake Area

NTS 105 J-12
Lat. 62° 36' N, Long. 131° 31' W
Whitehorse Mining District

For: Eagle Plains Resources Ltd.
SS1, Site7-95, 2720 17th Street South
Cranbrook, B.C., V1C 4H4

By: G.S. Davidson, P. Geol.
November 30, 1999

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 18,200.00.

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

0119-56160
094042

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SUMMARY

This report prepared for Eagle Plains Resources Ltd. summarizes exploration undertaken on the Drag claims in the 1999 season including surface sampling, magnetometer survey and a diamond drill program. The initial discovery of mineralized metasedimentary rocks on the south shore of Dragon Lake was made in 1945. B. Kreft acquired the prospect in 1996 and performed a hand trenching programs in 1996 and 1997, described in a report by the writer dated Nov. 30, 1997. Surface samples were consistently elevated in gold values with 29 of 81 samples assaying > 1gpt.

The DRAG 1-8, 13-44 (40 claims) cover 900 hectares, located south of Dragon Lake, 85 kilometers northeast of the town of Ross River and 10 kilometers west of the North Canol Road in the central Yukon Territory. A winter trail connects the property to the North Canol Road. Summer access is by helicopter or float plane from Ross River to the south shoreline of Dragon Lake. Charter aircraft and supplies are available from Ross River or alternately Whitehorse located, 255 kilometers to the south. The showings are situated 250-450 meters south of the lake shore on several rocky ridges and gullies in an area of moderate relief. Three small streams flow northward through the claims. Forest fires have killed most of the vegetation in the area, leaving fairly thick windfall and buckbrush.

The property is in the Selwyn Basin geological region, a thick sequence of Proterozoic and Paleozoic sedimentary rocks situated on the western edge of the North American craton. The Tintina Fault, the contact between the craton and accreted rocks is located southwest of the property marking the transition from the Selwyn Basin to the Yukon Tanana terrane. At Dragon Lake Proterozoic-Lower Cambrian quartzite, phyllite, quartz pebble conglomerate, sandstone, argillaceous limestone, marble and quartz mica schist of the Yusezyu Formation of the Hyland Group are intruded by Cretaceous syenitic to monzonitic stock. Limestone beds are variably replaced by actinolite skarn lenses and calc-silicte rocks containing disseminated and fracture filling pyrrhotite, pyrite and minor chalcopyrite, scheelite and arsenopyrite. These horizons are marked by heavy limonite and hematite staining.

The DRAG claims were staked on an old prospect originally worked by Kennco in 1960-1961 followed by Union Carbide and partners in 1980, Canamax in 1983 and Welcome North in 1988. Collectively the companies completed general surface exploration including geochemical and magnetometer surveys. Favorable copper, gold and silver values were found in two lenses about 600 meters apart and the better mineralized central zone (Main Zone) exhibited a strong Au-Ag-Cu soil geochemical response. Welcome North sampled three pods of mineralization at the Main Zone recording gold values of > 1 gpt in several 1 m chip samples with a high value of 12.7 gpt over 1 m. A small magnetometer survey outlined a magnetic high approximately 200 meters long and 100 meters wide. Grid lines were destroyed by a forest fire which burned through the claim group in the 1980's.

Prospector B. Kreft staked the DRAG claims in 1996 and the claims are presently held by Eagle plains Resources Ltd (EPL). B. Kreft relocated the Main Zone showings along a creek gully approximately 350 meters south of Dragon Lake. Samples collected by B. Kreft and Battle Mountain Canada in 1996 obtained gold values of > 1000 ppb in eleven of twenty-six samples. In 1997, 51 samples were collected in fourteen hand trenches from mineral occurrences along a 250 meter wide and 400 meter long section. The hand trenches exposed skarn zones up to 20 m wide that weather to form distinct gossans. Individual sulfide bands weather a dark blue-black color and are extremely hard. Disseminated or banded to massive mineralization consists of fine-grained pyrrhotite with less magnetite, chalcopyrite, scheelite, arsenopyrite and pyrite in a silicified matrix. Galena, arsenopyrite and stibnite occur in narrow quartz veinlets and a few wider quartz veins. The writer visited the prospect on October 7, 1997 and collected another 10 chip samples from the various showings and hand pits. Of the 61 samples collected, 18 samples of 1 meter or more in width assayed > 1gpt gold.

In 1999 a total of 50 chip and grab samples were collected from the skarn occurrences in July and another 22 samples were taken in August from the claims. Of the 72 samples collected in 1999, four were > 1gpt gold. A proton magnetometer survey over 7 km of gridline outlined a fairly flat magnetic response with several weak magnetic lows that correlate with some of the mineralized horizons. Weak magnetic highs indicate magnetite skarn lenses contain up to 2% chalcopyrite.

Four diamond drill holes totaling 301 m were drilled from three pads from August 11-21. The drill contractor Falcon Drilling Ltd. provided a helicopter portable hydraulic drill operated on a day shift. The dill program intersected thick bands of actinolite skarn and calc-silicate rock containing up to 5% pyrrhotite. Gold values in skarn were generally weakly elevated with a few spot highs but no consistent mineralization was intersected. The drill results outline variably mineralized zones which do not warrant any further drilling at this time.

INTRODUCTION

The Dragon Lake property consists of 40 claims located in the central Yukon Territory near Dragon Lake in the Macmillan River valley of the Pelly Mountains and the Whitehorse Mining District. The claims cover low-lying hills and ridges of moderate topography. The showings are located along creek gullies and on small rocky ridges that have an east-west orientation. The entire area has been burned by a forest fire and only a few isolated pockets of spruce forest remain. The most recent exploration completed on the prospect was a four hole (301m) diamond drill program in August 1999. This report reviews data provided by B. Kreft and diamond drill logs compiled by Chuck Downey, P.Geo. The report is prepared for assessment purposes at the request of B. Kreft for EPL, and it may be used for any other purposes normal to the business of these companies including filing with the Alberta Stock Exchange.

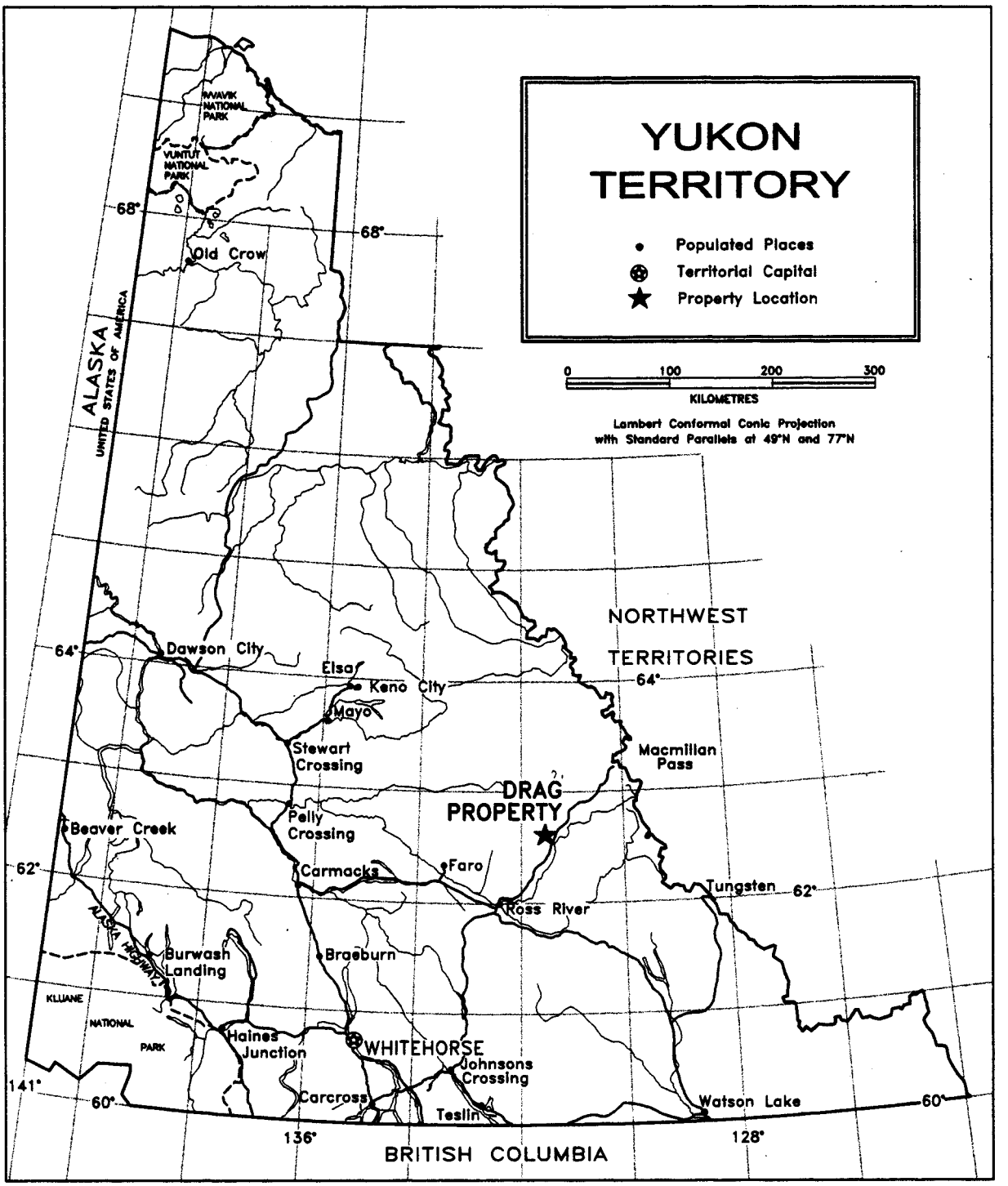
LOCATION AND ACCESS

The Dragon Lake property is located 85 kilometers northeast of the town of Ross River and 10 kilometers west of the North Canol Road midway along the south shore of Dragon Lake on NTS Map Sheet 105 J-12 at geographical co-ordinates 62° 37' N and 131° 33' W. The property was accessed by float plane from Whitehorse. Alternate access by boat is possible from the North Canol Road from a staging area at kilometer 110. Good camp sites are available on the shoreline of Dragon Lake in DRAG claims 1 & 2. Figures 1 and 2 show the property location. Logistically, Whitehorse, Ross River and Watson Lake provide supplies, accommodations and government services for the district and there is a government maintained airstrip at Ross River.

PHYSIOGRAPHY

Dragon Lake occupies a southeast-northwest trending valley surrounded by low hills sloping up to higher mountain peaks and upland plateau's to the south. Elevations range from 857 to 1060 meters (see Figure 3-Topographic Map). The claim area rises to the south and is incised by three narrow creek gullies. Most outcrop is located on ridges flanking the creek gullies and above depressions containing small ponds. Overburden depth is variable but averages 4 meters. Glaciation has left a few eskers along the north shoreline of Dragon Lake.

Vegetation consists of buck brush with thickets of small poplar trees. Otherwise, the forest fire has left mainly dead standing trees. The ground cover is fairly thick and any grid development would require linecutting. The district has a northern interior climate marked by long cold winters and moderate annual precipitation. Exploration on the property can be performed from May until October but is possible on a year round basis.

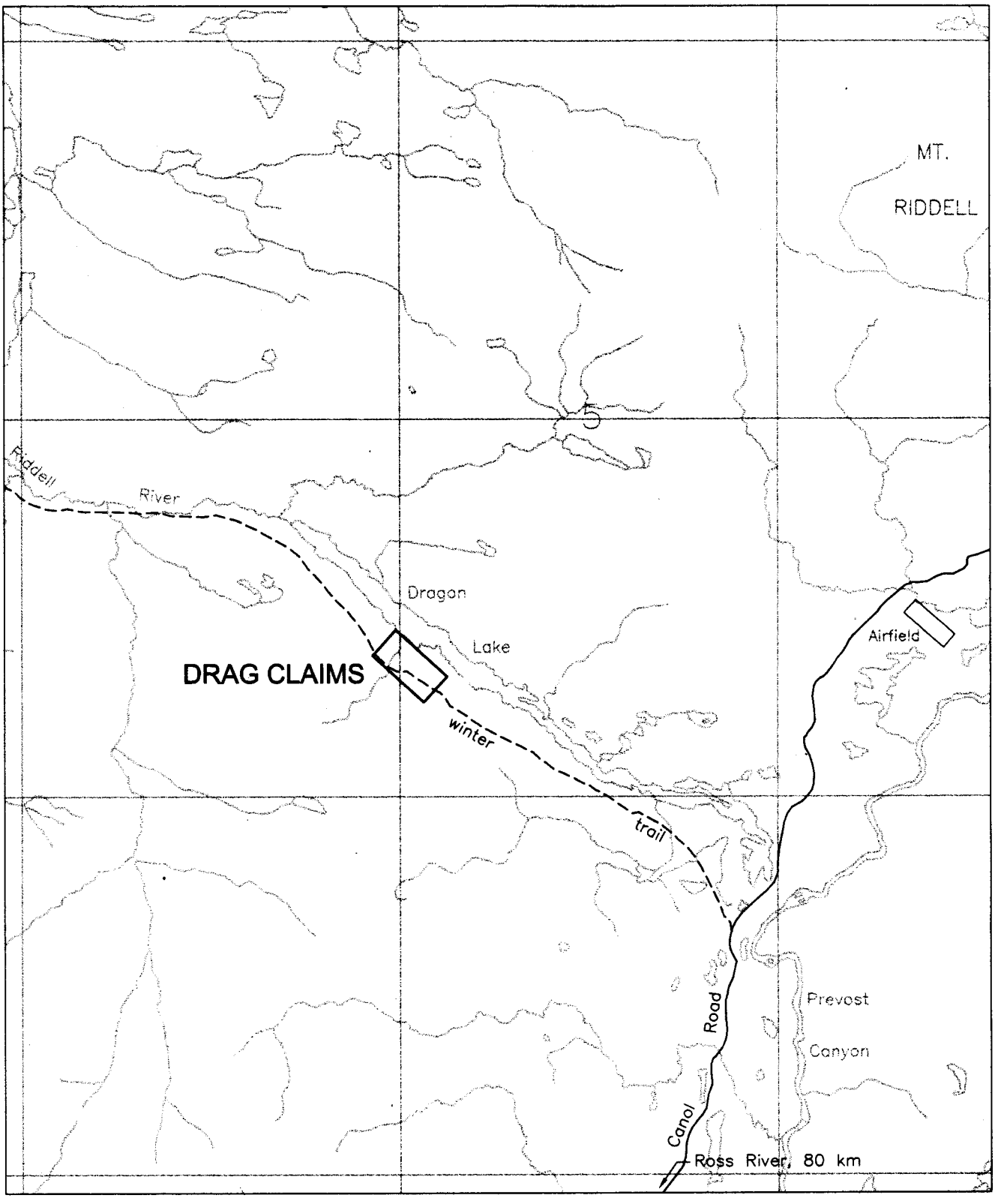


EAGLE PLAINS RESOURCES LTD.
MINER RIVER RESOURCES LTD.

DRAG PROPERTY
Location Map

Graham Davidson, Consulting Geologist

SCALE: 1 : 6,000,000	FILE: 244L_1	DATE: 97.11.23
NTS: 105 J	DRAWN:	FIGURE 1



LEGEND

- stream, creek, lake
- trail
- road
- claim group boundary

0 2500 5000 7500

METRES

N

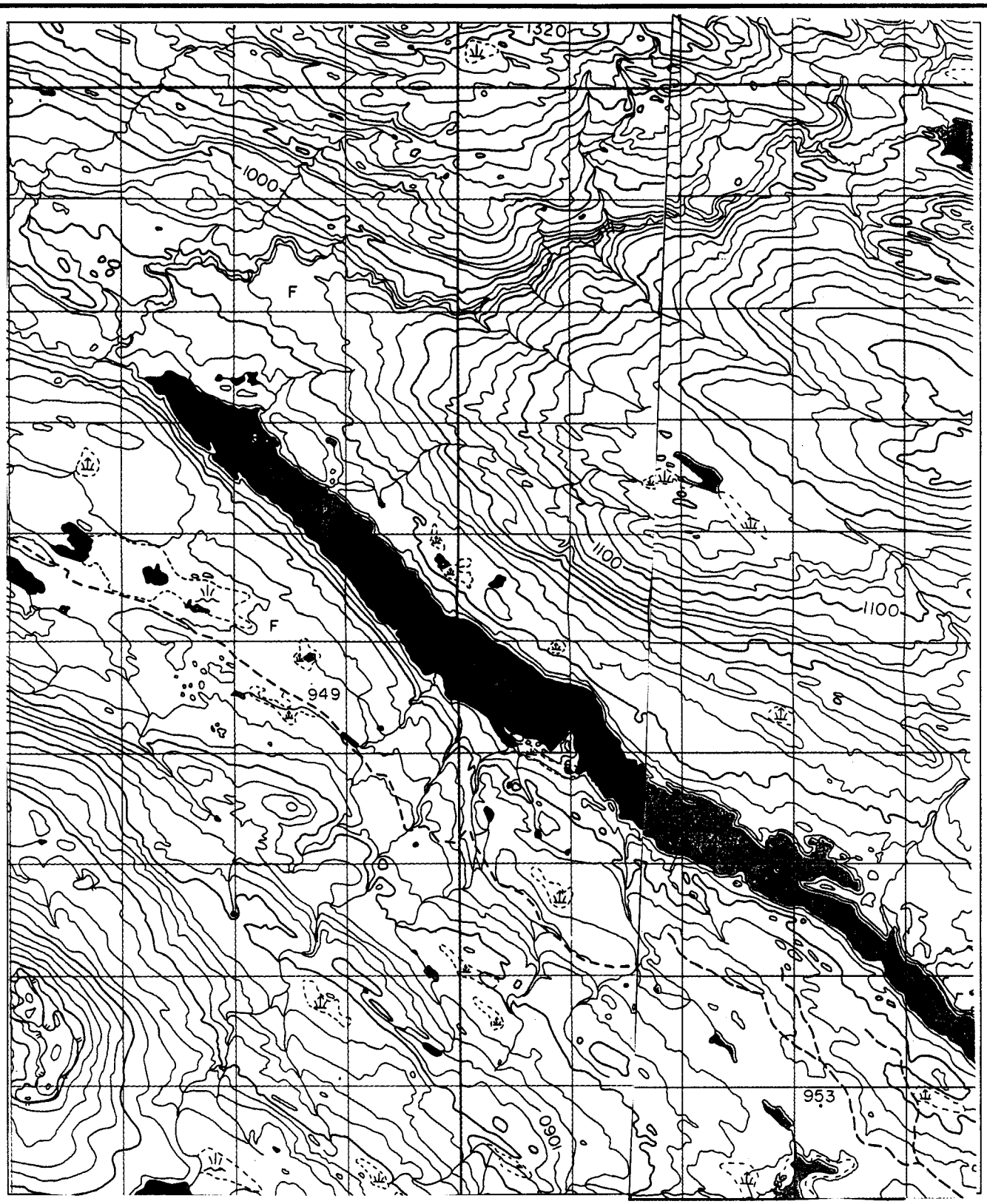
UTM Grid North

EAGLE PLAINS RESOURCES LTD.
MINER RIVER RESOURCES LTD.

DRAG PROPERTY
Regional Map

Graham Davidson, Consulting Geologist

SCALE: 1 : 150,000	FILE: 244_2	DATE: 97.11.23
NTS: 105 J	DRAWN:	FIGURE 2



0 500 1000 1500 2000 2500

METRES

N

UTM Grid North

EAGLE PLAINS RESOURCES LTD.
MINER RIVER RESOURCES LTD.

DRAG PROPERTY
Topographic Map

Graham Davidson, Consulting Geologist

SCALE: 1 : 50,000	FILE: 244_3	DATE: 97.11.23
NTS: 105 J/12	DRAWN:	FIGURE 3

PROPERTY

The Dragon Lake property consists of 40 contiguous mineral claims, as shown in Figure 4 and listed in Table 1.

TABLE 1

CLAIM DATA

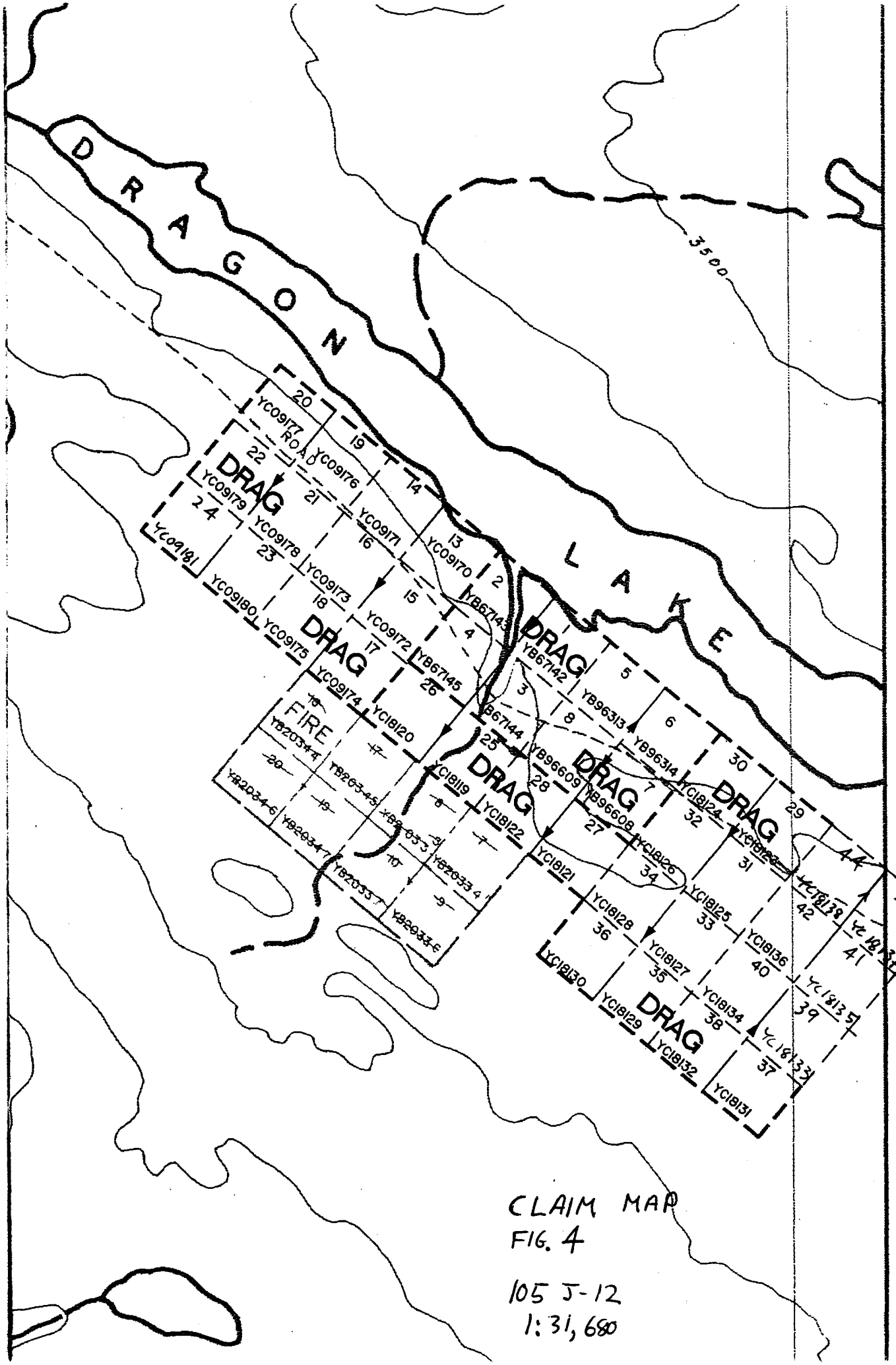
Claim Name	Grant Number	Expiry Date (* applied for)
DRAG 1-4	YB67142-45	JUNE 28, 2006
DRAG 5-6	YB96313-14	SEPT. 20, 2006
DRAG 7-8	YB96608-09	SEPT. 30, 2006
DRAG 13-24	YC09170-81	Dec. 7, 2004
DRAG 25-44	YC18119-38	Aug 10, 2000

The original Drag 1-8 claims were staked in 1996 and recorded in the office of the district mining recorder in Whitehorse. The Drag 13-24 were staked in 1997 and the Drag 25-44 were staked in 1999. The claims are registered to Eagle Plains Resources Ltd. The writer examined some of the claim posts and claim lines in 1997 and found them to be staked in compliance with the Yukon Quartz Mining Act.

ENVIRONMENT

No special environmental concerns are known for this area. The Department of Indian and Northern Affairs has implemented mining land use regulations that are described in various government publications. Land use permits may be required prior to commencing exploration on a claim group. It is recommended that mining land use applications for work programs should be submitted at least 90 days prior to mobilization.

Land Use Permits are also necessary for access via the winter trail. Movement of heavy equipment onto the claims for drilling or trenching purposes is best achieved in the winter.



CLAIM MAP
FIG. 4

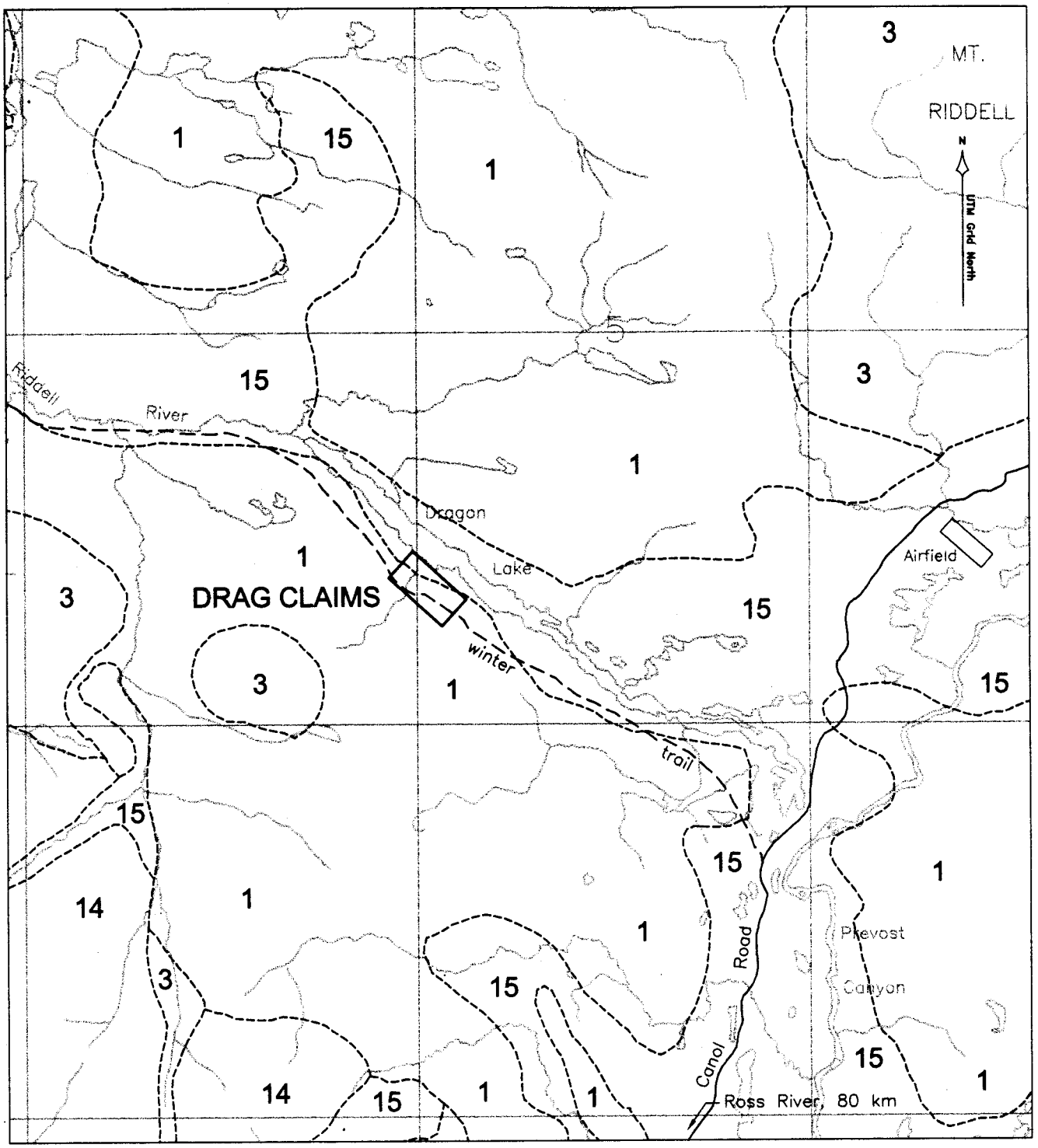
105 J-12
1:31,680

REGIONAL GEOLOGY

The rocks underlying the Dragon Lake district are mainly metasedimentary and include argillites, phyllites, limestones, cherts, slates, schists and quartzites of the Proterozoic to Lower Cambrian Hyland Group of the Selwyn Basin. Conformable lenses and sills of greenstone, probably Triassic in age, occur in profusion in places in the metasediments and a few narrow lamprophyre and quartz-porphyry sills, probably Jurassic or younger, are present locally. Granitic bodies of Cretaceous age intrude the sediments, metasediments and greenstones at several places. Porphyry copper-molybdenum style mineralization occurs within the intrusives and characteristic skarn zones are developed in calcareous metasedimentary rocks around the granitic intrusions. In the late Mesozoic extensive thrust faulting accompanied the emplacement of Carboniferous and Permian dark green aphanitic basalt, dunite, peroxinite, peridotite, serpentinized equivalents and quartz carbonate rock.

The claims lie north of the Tintina Fault, a large transcurrent Late Cretaceous to Tertiary fault system that caused at least 450 km of displacement. During the Eocene volcanism and sedimentation deposited sequences of basalt, rhyolite, felsic tuff and conglomerate in the Tintina depression. Late Tertiary uplift and faulting preserved Eocene volcanoclastic rocks in structurally complex grabens. Epithermal style gold and silver mineralization occurs at fault intersections in these grabens.

South of the Selwyn Basin the Yukon Tanana terrane is the focus of exploration for volcanogenic massive sulfide deposits. The increase in general interest in the region has led to a re-evaluation of prospects in the Selwyn Basin in particular mineralization occurring in association with Cretaceous intrusions and volcanic rocks. Metasedimentary units in the Dragon Lake area strike 120° and dip 45-65° northeast. The most recent geological map of the area was compiled by Templeman-Kiuit as Map 12-1961. Figure 5 shows the area geology and the Table of Formations is presented in Table II.



LEGEND & SYMBOLS

15	QUATERNARY Unconsolidated alluvial and glacial deposits
14	TERTIARY Grey and dark grey andesite, dacite and basalt
3	ORDOVICIAN AND SILURIAN Black cherts, shales, minor chert-pebble conglomerate, quartzite, limestone and phyllite
1	PROTEROZOIC Shale, slate, phyllite, quartzite; minor andesite quartz-pebble quartzite, grey quartzite, dark slate

Geological contact (assumed)

Stream, creek, lake

4-wheel drive trail

Claim group boundary

0 2500 5000 7500

METRES

EAGLE PLAINS RESOURCES LTD.
MINER RIVER RESOURCES LTD.

DRAG PROPERTY
Regional Geology

Graham Davidson, Consulting Geologist

SCALE: 1 : 150,000	FILE: 244_5	DATE: 97.11.23
NTS: 105 J	DRAWN:	FIGURE 5

HISTORY

The Ross River area was first explored by Robert Campbell of the Hudsons Bay Company who descended the Pelly River in 1840. A trading post was established by the HBC at Francis Lake in the 1850's. Prospectors entered the country via the Liard River system around 1880 looking for placer gold deposits. Minor amounts were found along bars in the Finlayson River. Lode prospecting began in the 1950's and intensified in the 1960's with the discovery of the Anvil Pb-Zn deposit at Faro. Most of the mineral occurrences in the district were found at this time. Several staking rushes in the Ross River, Finlayson and Pelly River areas targeted massive sulfide mineralization in volcanogenic and replacement style deposits. The latest rush in the mid 1990's resulted in the discovery of the Kutz ze Kayah and Wolverine massive sulfide deposits

The dramatic increase in the level of exploration around Ross River has led to a re-evaluation of many mineral occurrences including those associated with Cretaceous intrusives in the Selwyn Basin. The original discovery of mineralization in the area of the DRAG claims is credited to a GSC field party in 1945, while regional mapping. Kennco staked the showing in 1960, completing preliminary mapping and soil sampling but had difficulties due to a lack of outcrop. Later work by Canamax and Welcome North included magnetometer surveys and soil geochemistry. The mineralized zones responded well to the magnetometer but the surveys were of limited extent and it is difficult to position the anomalies. Unfortunately the historical geophysical data is incomplete and can not be used to plan future exploration. Grid soil geochemistry by Canamax outlined several small coincidental gold and copper anomalies, mainly located in the gullies where overburden is thinner. The anomalies trend northwest-southeast and correlate well with mineralized horizons. The Main Zone consists of three pyrrhotite rich skarn lenses and coincident geochemical anomalies located in the central portion of the claims. A second area of gossan zones and pyrrhotite mineralization is situated in the northwest corner of the claim block (Northwest Zone).

RECENT EXPLORATION 1996-1997

Sampling programs were undertaken in 1996 and 1997. The initial visit in August, 1996 included sampling of known occurrences finding promising gold values ranging from 1312-6116 ppb in 5 of 14 samples. Mr. Kreft returned to the prospect in August, 1997 and hand trenched fourteen sites on and around the Main Zone. Another 51 samples were collected and 12 returned gold values of > 1gpt. The writer examined and sampled six of the sites marked as T-1, T-2, T-9, T-11, T-12 and T-14 during the property visit confirming good gold values.

TABLE II - TABLE OF FORMATIONS

(adapted from Templeman-Kluit, 1977)

Quaternary

Q-Undifferentiated, unconsolidated gravels, sands and clays

Tertiary

QTvb-Basalt
Tscg-Sandstone, conglomerate, shale
Tgfp-Quartz-feldspar porphyritic rhyolite
Tv-Volcanic flows and tuffs

Cretaceous

Kg-Buff to grey dykes, sills and small plugs of aplite and biotite granite; locally quartz, feldspar and/or biotite phyric; minor arsenopyrite
Kqm-medium to coarse-grained equigranular to porphyritic biotite monzonite.
Kl-Fine to coarse-grained, light gray, biotite lamprophyre dykes, locally feldspathic

Triassic

Trd-Fine to medium-grained greenstone (meta-diorite, meta-gabbro)

Carboniferous & Permian

CPav-Anvil Allocthan, amphibolite, greenstone, basalt, gabbro
CPas-Serpentinite

Proterozoic-Lower Cambrian

PPK-Klondike schist

Hyland Group-
(Yusezyu Fmn.)Qpcg- Quartz pebble conglomerate
Ss-Sandstone
Sst-Siltstone
1a-Quartzite-pale grey to white-weathering with minor interbedded phyllite
1b-Phyllite and chert-thinley laminated black to grey sediments
1c-Marble, limestone-light grey to white, hematite and limonite staining
1d-Calc-silicate rock, diopside skarn and hornfels-black rusty weathering horizons, banded to disseminated pyrrhotite

PROPERTY GEOLOGY AND MINERALIZATION

The rocks exposed on the DRAG claims are Hyland Group clastic and metasedimentary rocks of the Selwyn Basin overlain and intruded by volcanic flows and dykes of undetermined age, in turn intruded by Cretaceous or younger syenite to monzonite stock. The Hyland Group, Yusezyu Group sediments consist of coarse clastic units, ranging from quartz-pebble conglomerate to fine sandstone and siltstone separated by less extensive beds of limestone, dark grey limestone and silty limestone. The sediments are variably metamorphosed to graphitic and calcareous phyllite, chert, calc-silicate rock, skarn, marble and quartzite. Small cliffs of quartzite along the creek gullies are highly fractured with hematite and pyrrhotite in the fractures. The units generally strike 120° and dip 45-65° northeast. Actinolite skarn occurrences extend along many of the limestone beds. Replacement style mineralization consisting of fine grained disseminated pyrrhotite and pyrite, minor chalcopyrite and sulphide lenses are commonly found in patchy skarn along limestone beds.

Structurally the sedimentary units are folded and fractured by uplift, normal faults and thrust faulting. Figure 6 shows the property geology and the following units were identified;

- Syenite to monzonite (Ks, Km): fine to medium-grained body of biotite plagioclase syenite, outcrops at the northwest end of the claims.
- Quartz pebble conglomerate (Qpc):

- Sandstone (Ss) and siltstone (Sst):

- Quartzite (1a): typically bedded light grey and white, glassy, fine to medium grained quartzite, locally gritty and recrystallized, contains sericite, minor pyrite and pyrrhotite on fracture faces. Prominent white cliffs of quartzite are fractured containing rusty weathering pyrrhotite and hematite on fractures. A few white quartz veins contain galena, arsenopyrite and stibnite.

- Phyllite and chert (1b): fine grained light to dark gray siliceous calcareous bedded sediments with disseminated to patchy pyrite and pyrrhotite, graphitic fracture faces, locally brecciated with minor white quartz and carbonate veining, weak to heavy limonite staining.

- Limestone and marble (1c): bedded grey-white, locally silicified containing minor cubic pyrite. Some diopside-magnetite-sulfide skarn development in limy units.

- Calc-silicate, skarn rock (1d): black fine-grained metasediment with banded and disseminated pyrrhotite, rusty red weathering, forms gossans in creek gullies.

Silicified calc-silicate horizons host the disseminated to banded semi-massive pyrrhotite mineralization. The sulfide mineral content of the gold bearing samples average 5-7%. The Main Zone is three exposures of limonitic calc-silicate rock around a quartzite unit. The longest exposure at pit T-9 is a rusty weathering zone of mineralization that assayed an average of 1208 ppb gold over 15.3 meters in a series of six chip samples taken in 1997. The Creek showing is a 3.5 meter thick calc-silicate horizon containing massive pyrrhotite bands that outcrops in an open cut (T-11) on the east side of the creek gully. The mineralization is locally well-layered, but typically is disseminated and fine-grained. Two pits expose mineralization, the upper pit was sampled by the writer (1997) in a 3 meter chip sample that assayed 1106 ppb gold (see Fig. 6 for sample sites).

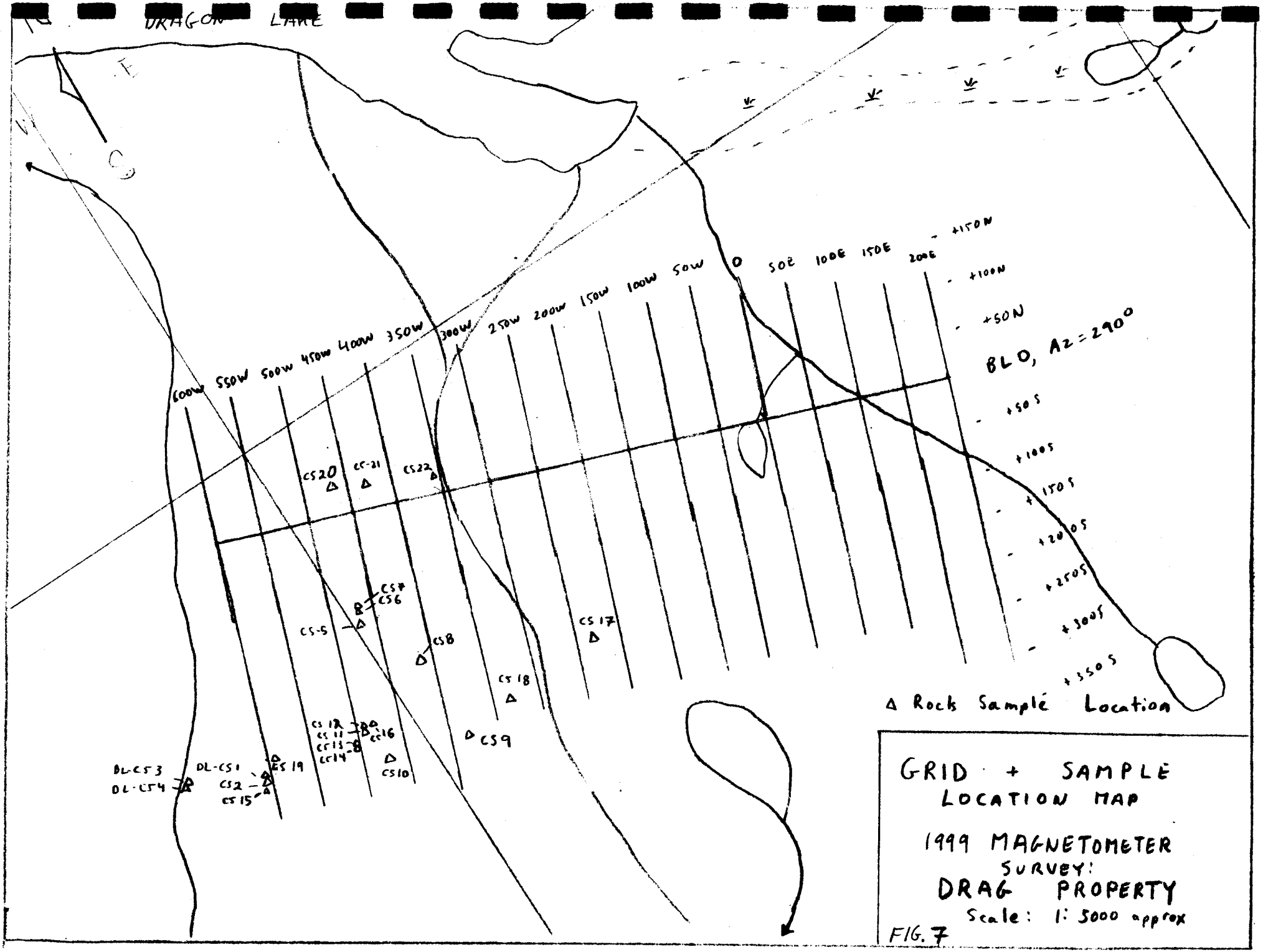
About 150 m west of the T-11 showing, pit T-12 uncovers banded pyrrhotite in a limey phyllite layer underlain by limestone. A chip sample taken by the writer (1997) assayed 1569 ppb gold over 3 meters.

The main zone, T-9, T-11, T-12, and T-13 were suggested as drill targets in the 1997 report or by C. Shulze.

1999 ROCK SAMPLING

A rock sampling program was performed from July 13-19 and Aug. 1, 1999 including 50 samples collected by B. Kreft and another 22 samples taken by C. Shulze. The sample locations are shown on Figures 7 and 8. Rock sample descriptions are listed in Appendix I and Certificates of Analysis are in Appendix III.

Carl Shulze reports in a July 1999 Progress Report " Mineralization extends across the property, primarily confined to calc-silicate altered limestone members. Lenses of bedding-controlled massive to banded pyrrhotite and pyrite with minor chalcopyrite extend up to 100 m in length and 10 m in width. Numerous showings of this nature were identified during this program, particularly in extreme eastern areas, along the main east-west trend, and in southwestern areas, the latter associated with up to 3% chalcopyrite. Mineralization and associated alteration is typical of retrograde "skarn" occurrences, although garnet development to the east suggests otherwise. Several occurrences display a strong NNW trending lineation in central areas, with mineralization extending at least 25 m along this orientation. This suggests that mineralization is structurally controlled along several NNW bands. Mineralization in the clastic sediments occurs within small joint controlled quartz veins, locally sheeted containing arsenopyrite. More intense fracture controlled quartz stringer and stockwork veining associated with minor pyrite boxwork and limonitic staining occurs along the NNW trending structures. Minor joint controlled sheeted quartz-arsenopyrite veining with moderate argillic alteration and silicification occurs near the small stock in the western portion of the property."


DRAGON LAKE
600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W 0 50E 100E 150E 200E
+150N
+100N
+50N
BL 0, Az = 290°
+50S
+100S
+150S
+200S
+250S
+300S
+350S
CS20
CS-21
CS22
CS7
CS6
CS-5
CS8
CS 17
CS 18
CS9
CS 12
CS 11
CS13
CS14
CS16
CS10
DL-CS3
DL-CS4
DL-CS1
CS2
CS15
CS 19
Δ Rock Sample Location
GRID + SAMPLE LOCATION MAP
1999 MAGNETOMETER SURVEY:
DRAG PROPERTY
Scale: 1: 5000 approx
FIG. 7

Dragon Lake Magnetometer Survey Map
Showings *
PLS = Phyllite, Limestone and Skarn package
QPCG = Quartz Pebble Conglomerate
Survey results such as 811 are actually 58110 Gammas
Instrument used was a proton magnetometer
1:2,500

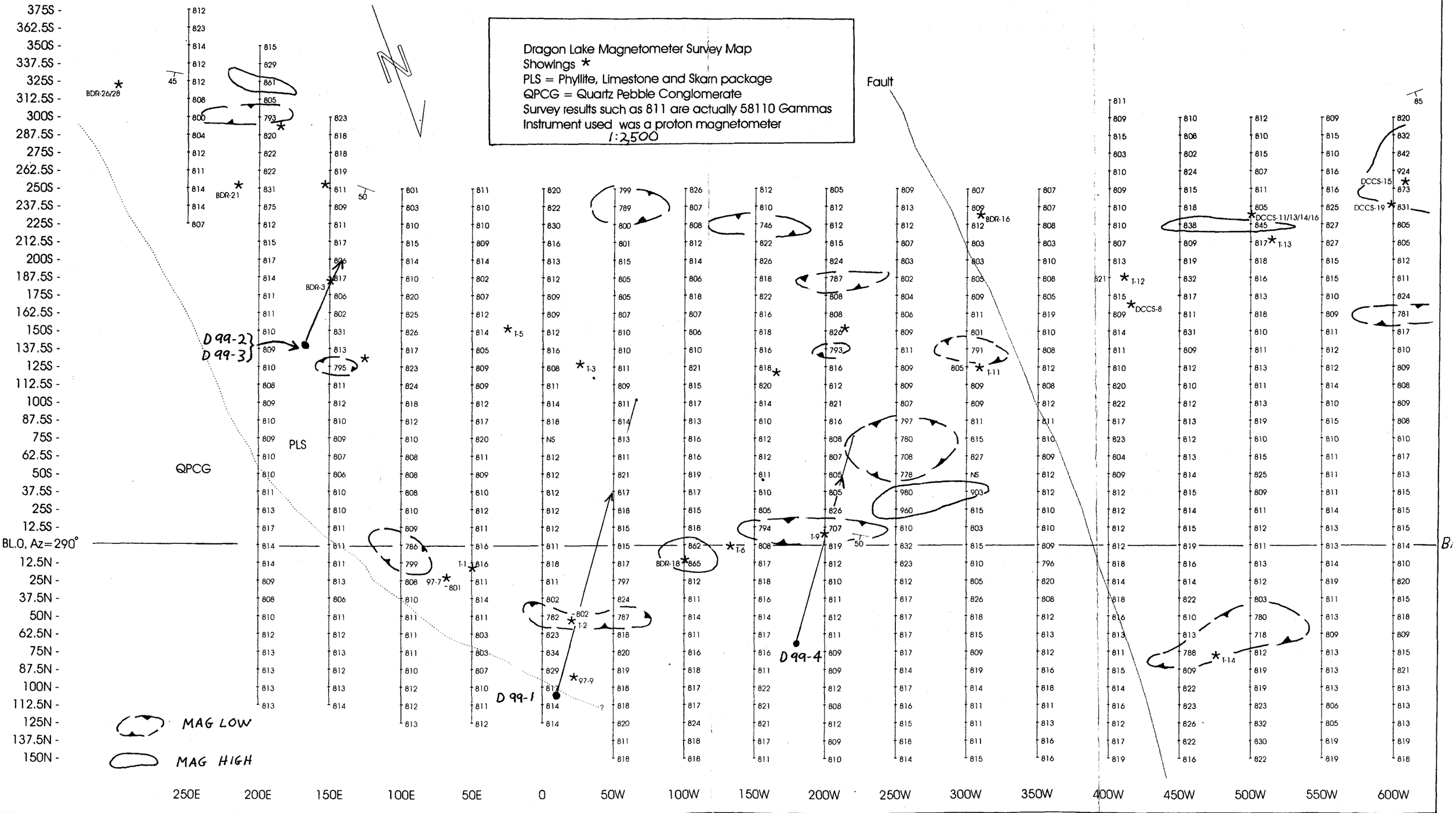


Fig 8

DIAMOND DRILLING

In mid August a Falcon Drilling Ltd. Hydrocore S-1 diamond drill was flown by helicopter to the Drag claims from the Canol Road. Four drill holes totalling 301 m were drilled from three drill pads, targeting the surface showings at the main zone. The pad locations are shown in Figure 8 and drill logs with drill core sample results are provided in Appendix II.

Drill hole D 99-1 intersected mixed quartz-pebble conglomerate, quartzite, limestone and skarn bands. Gold assays from 49.3-50.5 m at 2142 ppb and from 106.6-107.8 at 3664 ppb were the best results of the drill program. These sections have approximately 5% pyrrhotite however other similar sections produced lower gold values.

Drill hole D 99-2 intersected mixed skarn and hornfels units and clastic sedimentary beds with variable sulphide mineralization and weak quartz sulphide veining. Several breccia and shear zones were evident in the core. Gold values were low in all samples.

Drill hole D 99-3 intersected mixed skarn, hornfels and sheared sedimentary rocks with patchy pyrrhotite mineralization. Gold values were weakly elevated to background.

Drill hole D 99-4 intersected quartzite with weak skarn and hornfels bands. Minor pyrrhotite in microfractured sections and shear zones assayed background gold values.
Drill core is dry stacked at each of the pad locations on the property.

DISCUSSION AND RECOMMENDATIONS

The Dragon Lake property has numerous gold bearing showings in surface pits however diamond drill core from the skarn and calc-silicate zones assayed weakly elevated gold values with a few spot highs. The weak drill results compared to strong gold values from surface pits suggests that some surface enrichment is present. Weathering and oxidation of the bedrock at surface probably cause this enrichment.

There is potential to find more consistent gold bearing skarn mineralization in the area around the intrusive. Grid geochemistry and geophysical surveys are the best method for identifying larger targets.

CERTIFICATE

I, GRAHAM DAVIDSON, of the City of Whitehorse in the Yukon Territory, HEREBY CERTIFY:

1. That I am a consulting geologist and that I visited the Drag claims on October 7, 1997 and reviewed assessment documents and sample data provided by B. Kreft. in the preparation of this report.

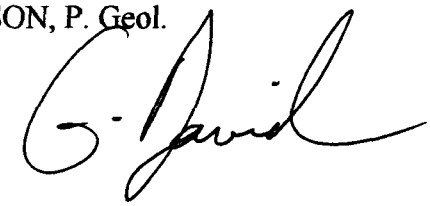
2. That I am a graduate of the University of Western Ontario (H. BSc., Geology, 1981).

3. That I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (No.42038).

4. That I have been engaged in mineral exploration for fourteen years in the Yukon, the Northwest Territories and British Columbia and that I do not hold any interest in the Drag claims or in Eagle Plains Resources Ltd.

SIGNED at Whitehorse, Yukon, this 30 day of November, 1999.

G.S. DAVIDSON, P. Geol.



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Costs

Drag 1st Phase

Wages B.Kreft 9.5 days x $375/day	=	$3811.88
Wages P.Christensen 9.0 days x $150/day	=	$1444.50
Wages C.Schulze 7.0 days x $300/day	=	$2100.00
Wages B.Kreft (2 days report prep)	=	$802.50
Magnetometer, gen-set and charger (7 days)	=	$337.05
Truck Costs (1510 km x $0.42/km)	=	$678.59
Boat and Motor rental	=	$642.00
Food and Camp supplies (29.5 man-days x $35/day)	=	$1104.78
Assay Costs	=	$2031.51
TNTA heli charter	=	$4484.93
Bear Mountain (staking, soils)	=	$1123.50
T.Termuende (2 days x $425/day)	=	$850.00
Welcome Inn (lodging)	=	$262.15
Receiver General (claim applications)	=	$643.00
Total	=	$20316.39

Drag Drill Phase

Wages B.Kreft 11 days x $375/day	=	$4413.75
Wages P.Christensen 11 days x $150/day	=	$1765.50
Wages B.Kreft 2 days report prep	=	$802.50
Truck Costs (950 km x $0.42/km)	=	$426.93
Boat and Motor Rental	=	$668.75
Dorey Developments (diesel and expediting)	=	$1418.06
NJ Sisson (drill pad lumber)	=	$567.62
Yukon Tire Centre (propane)	=	$27.82
Career Industries (core boxes 2nd order)	=	$182.78
NAL Assays (165 x 30g Au)	=	$2648.25
TNTA heli charter	=	$13997.06
Honda Generator (0.5 months x $400/month)	=	$200.00
Hand Held radios (2 x 0.5 months x $150/month)	=	$150.00
Camp Material (0.5 month x $500/month)	=	$250.00
5-ton trailer (0.5 month x $1000/month)	=	$500.00
Falcon diamond drilling	=	$31375.82
Downie (includes RV, and expenses)	=	$9132.10
Core Boxes (1st order)	=	$525.91
Reproduction	=	$277.00
Groceries	=	$947.61
Miscellaneous	=	$38.38
Total	=	$70315.84

Grand Total = $90632.23

STATEMENT OF COSTS

PERIOD: Aug. 12-16

PERSONNEL:
B. Kreft, prospector, days @
M. Glynn, trencher, days @
G. Cisca, trencher, days @

ANALYTICAL COSTS: (NAL)
samples, assay and ICP

TRANSPORTATION: Truck, km @ $.30/km
Boat & trailer

SUPPLIES: Food

REPORT: Preparation
Drafting
Copying

TOTAL COSTS

APPENDIX I

SAMPLE DESCRIPTIONS AND VALUES

SAMPLE NUMBER	DESCRIPTION	Au PPB	Ag PPM	As PPM	Cu PPM
BDR-1	quartz pebble conglomerate, weak clay alteration, subcrop	<5	0.1	8	43
BDR-2	1.8 m chip, interbedded calc-silicate, quartzite, po, pyroxene actinolite skarn	72	1.8	56	1830
BDR-3	1.0 m chip, calc-silicate quartzite, 1.5% po, disseminated, weak rusty fracture system	5619	1.4	<5	359
BDR-4	grab, interbedded quartzite and pyroxene actinolite skarn, 0.5% po, disseminated	51	0.2	38	32
BDR-5	0.7 m chip of above sample	21	0.2	129	28
BDR-6	0.7 m chip, calc-silicate quartzite, 0.25% fine po, disseminated	5	0.3	81	157
BDR-7	0.3 m chip, pyroxene actinolite skarn, 1.5% po, disseminated	21	0.5	<5	963
BDR-8	0.3 m chip, pyroxene actinolite skarn, 2.5-3.0% po	9	0.3	<5	382
BDR-9	grab, 1cm quartz-pyrite vein in granite, sericite clay alteration	<5	0.1	6	89
BDR-10	10 cm chip, quartz-pyrite veinlet in clay + sericite altered intrusive	46	0.1	9	34
BDR-11	10 cm, altered intrusive, quartz-pyrite veining	7	0.1	42	93
BDR-12	hornfels alteration in siltstone, quartz-pyrite veinlets	84	7.3	8	69
BDR-13	same as BDR-12	<5	<0.1	58	25
BDR-14	heavily sericite altered intrusive, minor limonite	<5	0.3	20	552
BDR-15	sericite altered intrusive, fine diss. pyrite	<5	<0.1	10	40
BDR-16	2.5 m chip, oxidized limonitic skarn	1006	0.8	<5	852
BDR-17	grab, pyroxene actinolite skarn, 0.5% diss. po	49	0.3	102	398
BDR-18	0.3 m chip, calc-silicate quartzite, 1% po in fractures	291	1.0	216	539

SAMPLE NUMBER	DESCRIPTION	Au PPB	Ag PPM	As PPM	Cu PPM
BDR-19	0.3 m chip calc-silicate quartzite, 5% diss. and fracture po	87	1.1	<5	1362
BDR-20	1.6 m chip of above material, less po	50	0.3	11	239
BDR-21	1.3 m chip, interbedded calc-silicate quartzite and pyroxene actinolite skarn, 2.5% po, diss. and fractures	273	0.5	137	522
BDR-22	0.4 m chip, same as BDR-7	14	0.5	<5	788
BDR-23	pyroxene diopside skarn, garnets, 0.25% po	14	0.2	22	110
BDR-24	1.5 m chip calc-silicate quartzite and pyroxene skarn, 0.25% po diss. and in fractures	132	0.3	159	856
BDR-25	1.5 m chip beside BDR-24	111	1.0	226	928
BDR-26	1.5 m chip beside BDR-25	401	1.1	4559	916
BDR-27	1.5 m chip beside BDR-26	7	0.3	170	385
BDR-28	1.0 m chip 4.0 m north of BDR-27	598	1.1	195	525
BDR-29	0.4 m chip 15 m north of BDR-28, calc-silicate quartzite, 0.25% po	9	0.3	279	152
BDR-30	1.0 m chip 3.0 m south of BDR-24	18	0.5	128	586
BDR-31	grab, fine gr. quartz pebble conglomerate, 0.25% fine diss. po + py, weak silicification and clay alteration	5	<0.1	14	16
BDR-32	same as BDR-31	<5	<0.1	8	12
BDR-33	same as above	<5	0.2	59	25
BDR-34	fine gr. sandstone, 0.5% diss. Po +py	6	0.2	34	25
BDR-35	1.3 m chip, sandstone, pyrite	<5	0.4	45	27
BDR-36	1.0 m chip, calc-silicate skarn beside BDR-28	6	0.5	163	471
BDR-37	1.9 m chip, calc-silicate skarn beside BDR-28	78	0.8	93	745
BDR-38	1.6 m chip calc-silicate skarn, 0.5% pyrite	116	<0.1	46	101

SAMPLE NUMBER	DESCRIPTION	Au PPB	Ag PPM	As PPM	Cu PPM
BDR-40	0.7x0.5 m panel sample, calc-silicate skarn, 1% po, limonitic	640	0.4	<5	543
BDR-41	1.2 m chip, 3.0 m east of BDR-40	1352	0.7	<5	1329
BDR-42	0.4 m chip, limy sandstone and quartzite, 3 m southwest of BDR-3	13	<0.1	125	185
BDR-43	0.5x0.5 m panel sample, calc-silicate quartzite, trace po	373	0.2	15	428
BDR-44	2.1 m chip, quartzite, calc-silicate quartzite and skarn, 0.5% po	79	0.1	62	245
BDR-45	grab of calc-silicate quartzite, 2% diss. po	28	<0.1	125	185
BDR-46	same as BDR-45, weak fracturing	314	0.8	56	945
BDR-47	1.3 m chip 10 m west of BDR-46, calc-silicate quartzite, 1% diss. po	142	0.2	164	240
BDR-48	0.5 m chip, skarn, limonite	211	0.7	39	1465
BDR-49	grab of calc-silicate quartzite, trace po	5	<0.1	67	44
BDR-50	grab, quartz vein in quartz pebble conglomerate	<5	<0.1	<5	15

SAMPLE DESCRIPTIONS (CARL SCHULZE), DRAG PROPERTY

Sample No.	Type	Width	Setting	Location (Grid)	Description
DL-CS 1	Chip	0.8m	Outcrop	604W + 249S	Massive - disseminated pyrite +/- pyrrhotite skarn, strong actinolite development: 15% Py +/- nonmag. pyrrhotite, 1/2% chalcopyrite.
DL-CS 2	Chip	1.4m	Outcrop	603W + 248S (60 cm NE of DL-CS 1	10% Pyrite +/- pyrrhotite, trace chalcopyrite, fracture controlled, disseminated to semi-massive. Strong actinolite development.
DL-CS 3	Chip	0.4m	Outcrop	680W + 230S (creekside)	Quartz-pebble conglomerate - sandstone, 25% quartz veins, moderate quartz flooding, argillic alteration. 1 - 2% disseminated pyrite.
DL-CS4	Grab		Talus	682W + 230S	Quartz-pebble conglomerate, moderate argillic alteration, weak phyllic alteration.
DL-CS 5	Chip	1.7m	Outcrop	470W + 113S	Quartz-pebble conglomerate (QPC), approx. 10% quartz veins, tr. Arsenopyrite, silicified, weak argillic alteration. Veins parallel jointing at 280 - 45.
DL-CS 6	Chip	1.7m	Outcrop	470W + 101S	Silicified QPC to sandstone, moderately fractured with fracture controlled trace arsenopyrite + scorodite. 3% limonite after sulphides.
DL-CS 7	Chip	1.1m	Outcrop	470W + 100S (adjacent to DL-CS 6)	Similar QPC to DL-CS 6, 10% fine fracture controlled quartz to chalcedony veins, trace arsenopyrite? Trace limonite, pyrite.
DL-CS 8	Chip	1.3m	Outcrop	415W + 167S	Strongly developed actinolite skarn; 10% disseminated and fracture controlled pyrrhotite, strongly limonitic. Most of sample reduced to fine fragments, but with strongly resistive, competent unit.
DL-CS 9	Chip	1.7m	Outcrop	385W + 254S	QPC - sandstone; strongly fractured to brecciated, 10% quartz-carbonate veins and stringers, moderate fracture controlled limonite.
DL-CS 10	Chip	0.5m	Outcrop	473W + 267S	Siltstone to phyllite (Road River Group?), foliated, 5% fine grained disseminated and banded pyrrhotite, trace pyrite (hornfelsed?), silicified. Foliation at 305 - 80; jointing at 200 - 85.
DL-CS 11	Chip	1.0m	Outcrop	495W + 228S	Massive sulphide "skarn" showing, 30% pyrite, 2% chal; weakly silicified strongly developed actinolite skarn.
DL-CS 12	Chip	0.7m	Outcrop	493W + 227S (2m NE of DL-CS 11)	Actinolite "skarn", 5% pyrrhotite, 3-4% pyrite, 2-3% disseminated and fracture controlled chalcopyrite, moderately silicified.
DL-CS 13	Chip	1.5m	Outcrop	502W + 233S (7m SW of DL-CS 11)	Massive sulphide actinolite skarn, 30% pyrite, 3-4% chalcopyrite, minor pyrrhotite. Open to NE, probably contiguous mineralization with DL-CS 11. Foliation at 30 - 80.

DL-CS 14	Chip	1.3m	Outcrop	503W + 234S (adjacent to DL-CS 13)	Similar to DL-Cs 13, 5% nonmagnetic - weakly magnetic pyrrhotite; open to SW.
DL-CS 15	Chip	1.3m	Outcrop	606W + 252S (4m SW of DL-CS-1)	Semi-massive actinolite "skarn"; 15% pyrite, 1-2% chalcopyrite, trace non-magnetic pyrrhotite? Fractured, partly strongly silicified, incl. 40 cm of strongly decrepitated rubblecrop.
DL-CS 16	Chip	1.4m	Outcrop	491W + 227S (2m E of DL-CS 12)	Actinolite "skarn", locally silicified, 15% pyrrhotite, 20% pyrite, 1-2% chalcopyrite; incl. 15 cm wide zone of argillically altered fractured sediments. Sample largely strongly decrepitated, open to E + W.
DL-CS 17	Chip	1.5m	Outcrop	234W + ,183S	Limestone, minor coarse sandstone, strongly silicified; 3-4% fine grained disseminated pyrrhotite +/- pyrite.
DL-CS 18	Chip	0.8m	Outcrop (poss. large boulder?)	338W + 232S	QPC to sandstone, strongly fractured, minor quartz-carbonate veining, weak argillic alteration; 25% pyrite, 2% chalcopyrite, disseminated and fracture controlled.
DL-CS 19	Chip	0.6m	Outcrop	598W + 237S	Actinolite skarn in limestone, strongly silicified; 5% Py tr. pyrrhotite, trace chalcopyrite in most resistive areas,
DL-CS 20	Chip	2.0m	Outcrop	465W+38N	QPC to sandstone, jointed, moderately silicified; 6-7% quartz veins, 1% sheeted Qz-arseno veins, moderate limonite after sulphides, fractured, moderate argillic alteration. Qz-arseno veins along joints at 180-70.
DL-CS 21	Chip	1.5m	Outcrop	436W+30N	QPC, moderately fractured, minor quartz veining, trace Pyrite boxwork, moderately limonitic, weak argillic alteration.
DL-CS 22	Chip	1.5m	Outcrop	352W+21N	Coarse sandstone, minor quartz veining, wk silicification, local moderate argillic alteration, limonitic.

APPENDIX II

DRILL LOGS

UTM 370580E/6943785N
GRID 20E/112.5N

DRILL HOLE LOG

DRILL HOLE NO.: D99-01

LOCATION: DRAGON LAKE
AZIMUTH: 224°
ELEVATION: 883m
INCLINATION: -45°
LENGTH: 126.5m/415'
CORE SIZE: BGM
STARTED: AUG.14 1999
COMPLETED: AUG.16 1999
PURPOSE: DOWNDIP TEST OF MINERALIZATION EXPOSED IN TRENCH 97-9 & T-2

SURVEYS			
METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
126.5m/415'			

PROPERTY: DRAG
CLAIM NO: DRAG 6
SECTION:
LOGGED BY: CD / BJK
DATED LOGGED: AUG.14-16/99
DRILLING CO.: FALCON
ASSAYED BY:

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
0	10'/3.1m	OVERBURDEN/CASING					PPB
3.1	9.3	QUARTZ PEBBLE CONGLOMERATE	9901	3.1	4.5	1.4	<5
		fine t. med. subrounded to subangular pebbles in fine		4.5	4.9	0.4	<5
		grained matrix; mod bleached to mod-str. pervasive		4.9	6.2	1.3	364
		Oxide stain; weak to mod. fine microfracture with		6.2	6.6	0.4	12
		orange oxide healing ± rare py;		6.6	7.9	1.3	27
				7.9	9.3	1.4	7
		4.5-9.3 MINERALIZED QPC					
		as above with better developed microfracture;					
		microfractures healed ⊟ orange oxide-orange					
		clay; weakly to moderately calcareous; overall					
		rock has pervasive wispy weakening stain;					

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
15.7	43.2.	STR. WLY ALTERED QUARTZ PEBBLE CONGLOMERATE?					PPB
		light to med. grey strongly bleached quartz pebble conglomerate as above; strong pervasive calc-silicate alteration with mod. selective-pervasive patchy fine purple brown biotite hornfels. rock is weakly to moderately fractured, original rock type difficult to discern due to intense alt^{n};					
		veining:					
		appears to be at least 2 sets of veining; one is 2-4mm width 60-80° to ca carbonate ± qtz, density 8-16/m; the other is low angle carbonate with assoc. clay alteration, occurring as anastomosing 0.5-2cm width veins, appear to post date thinner carbonate ± qtz veins; veins often have assoc. white clay alt^{n}					
		mineralization					
		trace fine disseminated po in QPC;					
		19.2-20.7		19.2	20.7	1.5	42
		str. altered QPC; 20x.2-4mm carbonate ± qtz ± trace qtz ± carbonate veins; str. pervasive qtz-silica flood;					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES
		26.7					
		pale green fine grained mineral rimming large rounded irregular shaped clast - chlorite? actinolite?					
		29.4					
		increase in fine anastomosing mm scale carbonate ± chloritic microveining;					
		30.7 - 34.8					
		increase in biotite hornfels; mod. to strong pervasive to pervasive selective hornfels assoc. ≈ 0.5% diss. py - hfts on micro scale shows fine oxide, nature, poss. due to preferential repl. of matrix;					
		33.5 BEDDING?					
		series of 0.5 cm widths alternating fine to medium grained bands - bedding 85° to ca; probably bedding no alteration margins at contact alteration to indicate intrusive;					
		35.2 - 36.6 CLAY ALTERATION					
		soft to moderately hard, very well consolidated					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au							
		interval poss. bx quartz pebble conglomerate; interval has 45% pervasive white to grey brown clay alteration ± bist. hflg. alteration appears to be assc. w zones of fine crush separated by more competent - less clay altered hornfelsed sediments;					PPB							
		36.1-36.3 FAULT ZONE strongly fractured clay rich gouge; contacts appear ⊥ bcc 75° tca, not well defined;												
		36.6-43.2 STRONGLY SILICIFIED-ALTERED QPC? original rock texture difficult to discern; pale green grey str. s.l.d unit; fine grained matrix with 15% rounded small clasts? pervasive silica flood throughout with blebs typically qtz repl; pale green colour poss. bx related to fine chlorite flood; 10% grey quartz in 0.5 cm veins? bedding repl? @ 85° tca; low angle anastomosing carbonate ± clay veins and 70-85° tca 0.1-0.3 mm carbonate ± qtz veins continue here; contact with overlying unit sharpe 85° tca poss. bx along bedding plane; weak pervasive calcareous flood;		36.6	38.1	1.5	11							

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
		unit has strong pervasive hornfels from					
		37.5-37.6, 39.6-41.0					
		15% of interval is carbonate ± chlorite clay altered;					
		trace diss py;					
32	45.9	SKARN TRANSITION ZONE		43.2	44.5	1.3	15
		contact somewhat carbonatey;		44.5	45.9	1.4	5
		43.2-44.5					
		grey to pale green fine grained unit; str.					
		pervasive silic-qtz flood; pale green					
		colour poss. by related to fine chlorite-actinolite					
		flood; 5% str. bio. hfls. weakly developed					
		low angle carbonate ± qtz fracture fill-veining?					
		from 43.5-43.8; weak pale blue green					
		epidote 43.4-43.5m; str. diss. py; local					
		carbonate flood;					
		44.5-45.9					
		fine grained interval as from 30.9-40.3m;					
		mod-str. bio hfls ± chlorite flood; 1% diss					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
		po assoc. w hfls; weakly developed mm scale carbonate ± qtz veins; a couple of low angle qtz-carb veinlets from 44.7-45.2m; contact w underlying unit is transitional, somewhat arbitrary;					
45.9	53.0	skarn dense, hard, pale green, str. s.l.d str. altered skarn; original rock textures masked by alteration but it appears to be fine grained - homogenous; 5-15% str. selective-pervasive pale green biot. hfls, moderate to weak fine chlorite-calcite flood; no carbonate-qtz-clay veining as seen above; tr.-0.5% f. diss. po;		45.9	47.1	1.2	58
				47.1	48.3	1.2	164
				48.3	49.3	1.0	367
				49.3	50.5	1.2	2142
				50.5	51.4	0.9	179
				51.4	52.4	1.0	68
				52.4	53.0	0.6	51
		48.3 - 50.5 str. pervasive pale green chlorite-epidote? flood; weakly developed qtz in. veinlets with tr. po; microfracture density as high as 10/20cm interval from 48.3-49.5; patchy diss po ± mm width po vein-					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES
		fracture fill occur throughout, est 3-6% po over interval; weakly developed 0.2-0.4 mm scale carbonate veining in places with rare carbonate flood, local pervasive deep green actinolite-chlorite in patchy flood ie 49.1-49.4m; 5% patchy hornfels typically assoc. w diss. po, weak fabric shear? relict bedding?) @ 60-65°tca in places;					
		50.1-50.5 10% coarser diss. po in chlorite-actinolite flood zone; intersect c-t by 2 mm width carbonate vein = patchy pyrite along margins;					
		50.9-51.05 15% po/5-8% py in fine grained crse patches; diss;					
		52.4-52.6 25% po/5% py in crse patchy diss; well developed fine po healed microfracture here from 52.4-53.0, est 10-15% sulphide over 52.4-53.0					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
53.0	53.9	HORNFELS					
		strong pervasive hornfels; original texture		53.0	53.9	0.9	23
		marked by alteration. 4% mm scale calcite					
		veins typically ± blended margins; rock is					
		dk brown in color;					
53.9	62.5	MIXED WEAK SKARN ± HORNFELS		53.9	54.9	1.0	10
		zones of strongly silicified pale green to green-					
		grey rock interbedded with typical biotite brown					
		hornfels, 15% green-grey qtz float within weak					
		skarn zones, skarn also typically has weakly developed					
		20-60° microfracture healed with calcite ±					
		qtz ± rare py ± rarer asph, fracture density					
		average 20-40/m; skarn also has rare patchy					
		chlorite-actinolite-epidote alteration most well developed					
		from 53.9-54.9 m; local calcite float; 1% diss.					
		py:					
		54.9-57.9		54.9	56.4	1.5	107
		weak skarn; str. pervasive silic - silica flood		56.4	57.9	1.5	33
		with weakly developed py healed microveins -		57.9	58.5	0.6	42
		py fracture fill; v. weakly developed epidote		58.5	60.0	1.5	19
		veining.					

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
		60.0 - 62.5					
		dominantly hanfels, rare epidote veining ± bleached margins, tr-0.5% po in diss		60.0	61.5	1.5	27
		rare fracture fill;		61.5	62.5	1.0	10
				62.5	63.4	0.9	33
62.5	63.4	SKARN TRANSITION ZONE					
		pale green to grey, pervasive intense silicification - qtz flood; rock is v. fine grained; weakly					
		developed po - chl - actinolite - epidote					
		veining 0.1 - 0.3 mm width, 30-50° ca					
		density 3-5/10 cm², po on fractures ± chlorite;					
		est 1% po over interval;					
63.4	65.4	SKARN		63.4	64.4	1.0	142
		similar to 45.9-53.0; medium to light green		64.4	65.4	1.0	45
		to grey strongly skarnified interval; pervasive					
		to pervasive-selective intense chlorite - epidote -					
		actinolite flood; pervasive silica flood; local					
		patchy actinolite - chlorite clots; chlorite ± po on					
		fractures throughout; 20% grey qtz rep. over					
		interval; possible relict bedding @ 60° ca; rare					
		carbonate ± qtz veins;					

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB							
		SULPHIDES												
		dominantly py; well developed mm scale py												
		microfracture-microveins x cutting bedding												
		@ 30-50° ca, density variable but as												
		high as 15-20/10 cm; py also occurs as												
		fine diss. in skarn matrix; trace ppy assoc.												
		with higher py concentrations; est 2-4%												
		sulphide over intervals;												
		ALTERATION												
		alteration appears in part to be restricted-												
		controlled along bedding contacts;												
		63.4-65.4												
		good skarn; v. well developed py microfracture-												
		microveining density 15-20/10 cm; 0.5 cm												
		width py band w assoc. heavy diss. py												
		@ 64.1m; est 8% sulphide over interval												
		63.4-64.4 m;												
65.4	69.2	MIXED SKARN; HORNFELS		65.4	66.5	1.1	40							
		moderately developed skarn alteration zones		66.5	67.6	1.1	51							
		interpolated w strong hornfels;		67.6	68.5	0.9	52							

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
		70% hornfels / 30% stockw.					PPB
		stockw is medium green str. silic + weak to moderate		68.5	69.2	0.7	62
		calcareous flood, moderate pervasive chlorite-actinolite-					
		epidote alt°, hornfels is bluish brown, silicified by					
		mm scale epidote? veinlets = bleached halos along					
		margins, rare actinolite mm veining, weakly developed					
		mm scale po microfracture-microveining est 1%					
		sulphides occur intergrown, patchy on fractures;					
		CRUSH/GOUGE/CALCAREOUS FLOOD					
		66.1-66.2 / 66.4-66.6 / 67.0-67.3					
		soft moderately competent strongly calcareous zones;					
		appears to be pervasive alteration phenomenon-no					
		slicks					
		67.6-69.2					
		strongly silicified 30% grey qtz flood, 2% po in					
		mm microfracture; mod. calcareous flood;					
69.2	70.5	ALTERED QUARTZITE? QUARTZ PEBBLE CONGLOMERATE?		69.2	70.5	1.3	160
		different looking unit: pale grey to white,					
		homogeneous, strongly bleached fine to med					
		grained sediment, in places relict ghosts of					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
		medium rounded to subrounded clasts are seen; mod.					
		pervasive carbonate flood; in part intense has					
		sugary texture; rare epidote veining; weakly developed					
		carbonate mm scale veins;					
70.5	72.8	SKARN		70.5	71.7	1.2	347
		fine to med. grained sediment (greywacke?) with strong		71.7	72.8	1.1	189
		pervasive skarn assemblage; strong pervasive					
		silicification @ 20-30% qtz chl flood; strong					
		selective-pervasive epidote flood - pale green to					
		pale olive green to yellow green over 10-20% of					
		interval; 15% hornfels; weakly developed po microfracture					
		@ 30-60° to ca; weakly developed (2-3/m) 2-4 mm width					
		carbonate veining randomly oriented 30-90° to ca; 2%					
		diss po;					
		1					
		PYRRHOTITE 71.4-71.6 / 72.45-72.7					
		po rich skarn; fine grained course diss					
		po ± cpy in biot-chl-ep-cut flooded skarn;					
		est. 25-35% po over intervals, 0.5% cpy.					
		from 72.6-72.7 2 mm width po veins - fracture					
		fill with cpy;					

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au							
72.3	73.6	ALTERED QUARTZITE/ QUARTZ PEBBLE CONGLOMERATE					PPB							
		as from 69.2-70.5		72.8	73.6	0.8	16							
73.6	84.9	STRONGLY SILICIFIED QUARTZITE-QUARTZ PEBBLE CONGLOMERATE / INTRUSIVE?												
		fine to med. grained rock = intense silica - grey		73.6	75.1	1.5	16							
		quartz flood; in part relict clasts? phenos? small to med.		75.1	76.6	1.5	12							
		sized generally rounded can be identified; est 30-45%		76.6	78.1	1.5	52							
		grey qtz flood zone! intense; rare weak skarn alt^{n} -		78.1	79.1	1.0	7							
		epidote flood, rare actinolite - chlorite veining; moderately		79.1	80.1	1.0	36							
		developed mm carbonate healed microfracture typically with					-							
		thin bleached margins; 2-4mm width carbonate veins												
		@ 30-65° tca appear to post date microfracture density												
		5-7/m, tr. diss. py except as noted; strong carbonate												
		flood from 73.6-74.2m												
		73.6-74.1 SKARN												
		pale green to grey, fine grained; mod. to												
		weak epidote - chlorite selective - pervasive												
		flood; 5% py in fine to med. disseminations;												
		35% grey qtz; moderately developed actinolite -												
		chlorite in mm veins - fracture fill 70-95°												
		tca;												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au							
		78.1-80.1 WEAK SCZW					PPB							
		Strongly silicified quartz pebble conglomerate		80.1	81.6	1.5	28							
		w very weak pale green epidote flood;		81.6	83.1	1.5	6							
		mod. carbonate microfracture; 0.5% f. diss. py;		83.1	84.9	1.8	32							
		81.0-81.6												
		weakly developed py microfracture density 15/m												
84.9	87.0	STRONGLY ALTERED TURBIDITE? UNIT		84.9	86.0	1.1	698							
		fine grained unit with basal contact of mod.		86.0	87.0	1.0	68							
		to course irregular shaped clasts - cobbles; overall												
		texture is very disturbed with low angle shear?												
		tectonic fabric moderately to well developed												
		throughout; interval is strongly bleached; mod to												
		strong carbonate flood; strongly altered =												
		distinct salmon pink feldspar overprint in part,												
		also pale green epidote; 10% py as fracture												
		fill & in med to course diss, 0.5% f. diss												
		py. cssx. = py; no well developed microveins or												
		microfractures as seen above;												

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
87.0	88.9	TRANSITION ZONE					PPB
		fine grained sediment; strongly bleached, mod.		87.0	87.9	0.9	19
		silicified; well developed epidote ± carbonate		87.9	88.9	1.0	<5
		mm scale microfracture ± cutting veins; typic-					
		ally ≈ str. bleached margins; tr. py, f. diss.					
88.9	93.2	STOCKWORK/REPLACEMENT ZONE WITH PYRRHOTITE:		88.9	90.4	1.5	58
		fine grained rock of unique mottled texture; strong		90.4	91.8	1.4	598
		pervasive to selective pervasive stockwork imprint of		91.8	93.2	1.4	287
		actinolite-epidote-chlorite ± orange red carbonate garnet					
		flood; rock is moderately to strongly calcareous; upper					
		contact sharp @ 50° tca, possibly along bedding plane;					
		weakly developed 2-4 mm randomly oriented carbonate					
		veins: single 1 cm width 25 tca carbonate ± grey qtz					
		veins @ 89.6 m; 15% grey qtz flood;					
		MINERALIZATION					
		best sulphides from 90.4-93.2 m; py > chalcopyrite					
		fine to coarse diss assoc. ± qtz, chl, act, ep; rare					
		cpy; also local pyrite disseminations; est 8%					
		sulphides over interval; more pyrite over interval					
		than seen previously;					

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
		93.2m LOWER CONTACT					
		lower contact picked along 1cm width ISHCA					
		po bearing vein? which separates strong + mod					
		skarn zones					
93.2	102.4	SKARN		93.2	94.1	0.9	219
		moderate to strong skarn overprint; fine grained		94.1	95.2	1.1	168
		pale olive green sediment; pervasive moderate		95.2	96.3	1.1	465
		diorite-epidote flood; mod s.i.p; mod carbonate		96.3	97.3	1.0	29
		flood; weakly developed mm scale randomly		97.3	98.8	1.5	13
		oriented carbonate microfracture - microveining;		98.8	100.3	1.5	5
		10% grey qtz flood - grey qtz repl; overall		100.3	101.4	1.1	425
		1-1.5% diss py-py except as noted;		101.4	102.4	1.0	63
		93.2-94.1					
		skarn with silphides; 3-4% diss. py-;					
		po;					
		96.3-97.3					
		40% grey qtz flood with 3% diss po;					

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au							
102.4	104.0	SKARN					PPB							
		well developed skarn alteration; strong pervasive		102.4	104.0	1.6	262							
		chlorite-actinolite-carbonate garnet fluid; weakly												
		developed mm scale carbonate fracture-veining;												
		mod. developed actinolite x cutting microfracture;												
		mod. silic; weak to moderate selective pervasive												
		carbonate fluid; 5% diss py, 2-3% diss. pyrite												
		lower contact along 55° to c.a. bedding plane												
104.0	105.5	MODERATE SKARN		104.0	105.5	1.5	11							
		fine grained, pale grey-green, mod. pervasive epidote-chl-												
		fluid; mod. calcareous fluid, mod. silic = 15% grey												
		qtz repl; often 1cm wide 55° to c.a. grey qtz												
		bands can't tell if veins or bedding repl; weakly												
		developed carbonate veining & microfracture generally												
		low angle to c.a.;												
105.5	107.8	SKARN, REPLACEMENT ZONE WITH SULPHIDES		105.5	106.6	1.1	275							
		(similar to 88.9-93.2m);		106.6	107.8	1.2	3664							
		fine to medium grained green to red orange unit												
		with large mottled texture; intense alteration - repl.												
		has marked original textures;												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB							
		ALTERATION												
		intense pervasive chlorite-epidote-calcite and andradite garnet flood-replacement; overall weak carbonate flood; mod. silic in 5-9% grey qtz vnlts;												
		VEINING												
		weakly developed low angle carbonate micro fracture-microveins; rare 0.5 cm width 35° to c.a carbonate veins;												
		MINERALIZATION												
		5% diss. py, 2% diss py, tr. diss cpy;												
		107.8												
		lower contact picked along 65° to c.a bedding plane at margin of carbonate chlorite flood;												
107.8	108.3	CHLORITE-EPIDOTE REPLACEMENT / SKARN		107.8	108.8	1.0	200							
		fine grained mod bedded 65° to c.a; intense pervasive chlorite-epidote-calcite flood in part showing selective replacement along bedding planes. weakly developed low angle mm scale carbonate fracture												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au							
		30° tca fracture @ 103.2m has chlorite ±					PPB							
		weakly developed slickensides;												
		2-3% disc pot py ± rare cpy;												
		weak actinolite microfracture 108.6-108.3m												
108.8	111.0	MODERATE SKARN		108.8	109.5	0.7	10							
		as from 104.0-105.5; original texture marked by		109.5	111.0	1.5	14							
		alt^{n}; moderate to weak pervasive chlorite-epidote-actinolite												
		flood; mod sil^{n} ± 10-15% grey qtz repl; local strong												
		chl-act. repl in patches; overall rock looks texturally												
		fractured; recemented, possibly weakly sheared;												
		108.8-109.2 FAULT? PROBABLE ZONE												
		strongly fractured discs & chlorite-epidote skarn												
		rock; fractures ⊥ll to local bedding 55-65°tca;												
		109.3-109.5												
		a couple 1mm width po microfracture @ 65°tca x												
		cutting bedding;												
111.0	116.3	SILICA-CARBONATE ALTERATION		111.0	112.5	1.5	34							
		fine grained pale green-grey to grey bleached		112.5	114.1	1.6	13							
		unit; mod. sil^{n} ± 15% grey qtz flood repl; mod.		114.1	115.1	1.0	42							

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au							
		to strong pervasive carbonate flood, in places					PPB							
		weakly developed pale olive green epidote repl-alt^{n};		115.1	116.3	1.2	<5							
		bedding not well defined and rock looks like it												
		has been tectonically strained-fractured +												
		recemented; weakly developed carbonate microfractures												
		@ low angle to core axis; tr-2.5% f. disseminated py;												
		114.5-114.7 TURBIDITE? SLUMP BRECCIA? / SHEAR?												
		irregular shaped, generally elongate dz^{t} carbonate												
		clasts in matrix of blue grey fine grained argillite;												
		clasts are generally aligned // to tectonic fabric @												
		15-20° to c.a; bottom margin looks ripped up;												
		115.1 - 116.3												
		weak mm po microfracture; 1% po over interval;												
116.3	126.5	FAULT												
		reworked fault breccia; small to large subrounded		123.9	125.0	1.1	53							
		to rounded clasts of fine grained sediment in		125.0	126.5	1.5	60							
		fine grained matrix; matrix in part is argillaceous												
		to clay rich; fabric here generally low angle to c.a (10-25°);												
		rock is moderately + strongly carbonate flooded;												

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES							
		last very weak patchy epidote alteration; fr. finely disp py ; po throughout with rare coarse po patches; no veining or mineralization developed here;												
		NOTE: LAST "SKARN" ALTERATION AT 111.0m												
		EOH 126.5m/415'												

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FROM	TO	DESCRIPTION	SAMPLE NO.	METRAGE FROM	METRAGE TO	LENGTH m	ANALYSES Au							
		weakly developed carbonate + qtz microfracture; local					PPB							
		patchy pale green fluid is softer - possibly chlorite;												
		v. rare 0.2 - 0.4 mm width ribbon qtz boundary fill - slight to												
		bedding ≤ 0.5% f. disseminated;												
		PYRITE MICROFRACTURES												
		v. weakly developed fine microfracture, healed with pyrite												
		± qtz, generally low angle to, also ⊥ cutting;												
		11.3												
		hornfels becomes more pervasive; slight increase in												
		microfracture density, banded stockwork qtz epidote												
		on fractures noted toward contact; no well defined contact												
		zone as seen in 9901												
		13.0 - 13.2 FAULT												
		well consolidated gouge; contacts, ill + bedding;												
14.5	21.8	SKARN		14.5	15.5	1.0	16							
		fine grained med. to dark green strongly altered		15.5	16.5	1.0	17							
		sediment; pervasive chlorite - epidote - act. into fluid;												
		pervasive silt ± 10% qtz qtz fluid; rock is dense;												
		hard; weakly fractured; upper contact sharp over												

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[redacted] TREA		DESCRIPTION	SAMPLE NO.	[redacted] M		LENGTH m	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
FROM	TO			FROM	TO		Au								
		5 cm clay epidote flooded 35° tca bedding planes;					PPB								
		also rare cm brecciated quartz veinlet - rept ie 15.9m;													
		VEINING/MICROFRACTURES													
		weak to moderate mm scale calcite healed microfracture													
		± py, po, carb; weak carbonate ± qtz microfracture;													
		10-25° tca 0.2-0.5 mm width carbonate ± qtz, cpy, po,													
		py veins; weak to moderately developed sulphide fractures -													
		microveins over interval fractures very well developed from													
		15.5-15.9m with pyrite ± po;													
		SULPHIDES													
		3-5% overall ~ py ± po; local heavy diss ie 14.5-14.7													
		with 2% v.fine diss po + py;													
		16.5-17.3 VEIN BRECCIA		16.5	17.5	1.0	83								
		lax angle (10-30° tca) fine crackle vein breccia													
		with dirty/clear clasts of skarn in matrix of carbonate													
		± quartz, actinolite, epidote; 5-8% coarse diss													
		py ± po over interval;													

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Drill Hole No. D9902	Page 3 of 8

METRE		DESCRIPTION	SAMPLE NO.	METRAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO	m	Au							
17.5	21.8	17.5-21.8 STRONGLY SILICIFIED ZONE/SKARN					PPB							
		strongly bleached light grey to white to pale green;		17.5	19.1	1.6	< 5							
		pale pink fine grained strongly altered sediment;		19.1	20.5	1.4	< 5							
		bedding 80-85 tca where preserved, bedding		20.5	21.8	1.3	< 5							
		med. to rarely thin; alteration is dominantly												
		silica with 20-90% selective-pervasive grey												
		qtz flood; also local strong selective-pervasive												
		carbonate flood; weak pale green epidote and												
		pink orange garnet in patchy flood; weakly												
		fractured with chl-py-carb-po ± fractures;												
		SULPHIDES												
		rare py microfracture, less sulphides than												
		above est 0.5-1%												
		21.0-21.2 SHEAR												
		3cm width 35° tca shear vein to chl-carb-carbonate												
		-qtz + fr. py+po; contacts sharp ± chlorite												
		along margins;												

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[redacted] TREA		[redacted] DESCRIPTION	SAMPLE NO.	[redacted] M		[redacted] LENGTH	[redacted] ES							
FROM	TO			FROM	TO	m	Au							
		25.6-26.7					PPB							
		strong hornfels ± calcsilic, epidote; 1% diss. py.		25.6	26.7	1.1	9							
		26.7-27.9 ~~Sediment~~		26.7	27.9	1.2	61							
		fine grained light green to green-grey sediment		27.9	29.3	1.4	10							
		with fine microfracture overprint - str. silic ±		29.3	30.5	1.2	< 5							
		15-20% grey qtz flood; mod selective - pervasive												
		epidote replacement; upper contact picked along												
		85 to a fine fractured zone with coarse py												
		diss; weakly developed 45 to a mm width												
		py microfracture density 1-3/10 cm;												
		27.0-27.3												
		softer more crushed looking interval; str.												
		carbonate flood												
		27.9												
		lower contact along 75 to a bedding p/l 1 cm width												
		clay tight gouge breccia;												
		28.6												
		2.5 cm width band-vein- with												
		quartz-carbonate matrix ; 25% diss.												

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
		41.4-45.6					PPB
		thin to med bedded fine grained to med. grained		41.4	42.9	1.5	<5
		sediment ☐ strong bedding selective-pervasive		42.9	44.2	1.3	<5
		hornfels ; epidote-chl-cut qtz veady, bedding		44.2	45.6	1.4	<5
		well developed 80-85 to ca; mod. str. silo ☐					
		5-10% grey qtz qtz vead-repl;					
		SULPHIDES					
		1% po ± py in fine to rare course diss and weakly					
		developed mm po microfractures;					
45.6	47.8	SILICIFIED QUARTZITE		45.6	46.7	1.1	<5
		med. to light grey, fine grained quartzite; mod.		46.7	47.8	1.1	<5
		selective-pervasive hornfels; v. weak epidote					
		spotting; 0.5% f. diss py ± po;					
		46.9-47.6					
		bedding convoluted ; erratic					
		47.3 bedding 83 to ca;					
		EOH 47.3m/157'					

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Drill Hole No. D9902 | Page 8 of 8

[redacted]7061[redacted]434
GRID: 168E/148S

DRILL HOLE LOG

DRILL HOLE NO.: D9903

LOCATION: DRAGON LAKE
AZIMUTH: 230°
INCLINATION: -70°
ELEVATION: 912 m
LENGTH: 54.9 m/180'
CORE SIZE: BTW
STARTED: AUG.19 1999
COMPLETED: AUG.20 1999
PURPOSE: DOWNDIP TEST FOR CONTINUITY OF SKARN ZONE INTERSECTED IN 9902

SURVEYS			
METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
54.9			

PROPERTY: DRAG
CLAIM NO:
SECTION:
LOGGED BY: CCD
DATED LOGGED: AUG.19-22/1999
DRILLING CO.: FALCON
ASSAYED BY:

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
0.0	4.6m/15'	CASING					PPB
4.3	4.6	RUBBLE		4.3	4.6	0.3	< 5
		med. to large mechanically rounded clasts of fine					
		grained sediment as below					
4.6	15.6	FINE GRAINED QUARTZITE - QUARTZ WACKE - ARGILLITE		4.6	5.5	0.9	< 5
				5.5	7.0	1.5	< 5
		med. grey to locally pale green, fine to med. grained		7.0	8.5	1.5	< 5
		med. to thin bedded sediment; bedding 75 to CA.					
		interval is mod. bleached; mod. pervasive hornfels;					
		mod. silic - silica flood; 5% of interval has pale					
		green v. weak epidote - chlorite - actinolite flood; v.					
		weakly developed fine calcite microfracture;					

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[redacted] STREA		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
FROM	TO	DESCRIPTION	SAMPLE NO.	METERAGE FROM	METERAGE TO	LENGTH m	ANALYSES Au								
		tr. diss py + po;					PPB								
8.5	14.6	8.5-14.6 FAULT/RUBBLE ZONE		8.5	10.0	1.5	< 5								
		fine to coarse angular to subangular to subrounded clasts - fragments of hornfelsed argillite-wacke;		10.0	11.5	1.5	< 5								
		local crush ± clay; v. poor recovery; drillers report		11.5	13.0	1.5	< 5								
		little resistance, possible cave;		13.0	14.6	1.6	< 5								
				14.6	15.6	1.0	< 5								
15.6	27.1	SCORN		15.6	16.4	0.8	630								
		same zone as 14.5-21.3 in D9902;		16.4	17.5	1.0	78								
		fine grained med. to dark green to pink-orange str.													
		altered sediment; pervasive chl-ep-act flood; selective-													
		pervasive patchy to bedding selective fine pink orange													
		cinderelite garnet flood rock. str.-mod silic; weak													
		possibly bedding selective - pervasive carbonate flood;													
		10% bedding selective - pervasive hornfels; med. to													
		thin bedded with well developed 85° ca bedding; upper													
		contact not as sharply defined as in 9902 due to better													
		storm attention upside; equivalent contact 16.4m in 9903													

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METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	[redacted] FROM	[redacted] TO	LENGTH m	[redacted] Au PPB	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
		VEINING/MICROFRACTURES												
		weak to moderate mm scale microfracture hosted by act+albite±chl±po,py,cpy; weak carbonate±qtz microfracture; rare 20-30° tca 0.2-0.5 cm width carbonate±qtz,py, po veins; weak to mod. developed sulphide hosted microfracture dominantly po±py, best sulphide micro fracture from 17.2-17.5m; 1cm angle well developed carbonate veining-fracture from 18.8-21.7 has 10% sulphides po>py>cpy;												
		SULPHIDES												
		5-8% overall dominantly po with py,cpy; definite increase in cpy content compared to 9902; sulphides are more heavily disseminated overall												
		17.5-17.7 SULPHIDE REPLACEMENT		17.5	17.7	0.2	144							
		25% heavily diss. sulphides, dominantly po with patchy pyrite+cpy disseminations; interval is cut by 25° tca 0.4 cm width fracture hosted with pyrite±quartz, actinolite; contacts appear to be conformable-subconformable to local 85° tca bedding;		17.7	18.8	1.1	5							

Toklat Resources Inc.

Drill Hole No. 9903 | Page 2 of 75

3

[redacted] TREA		DESCRIPTION	SAMPLE NO.	METERAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO	m	Au							
		18.8-21.1 SHEAR/VEIN BRECCIA/SULPHIDES					PPB							
		finely shattered - sheared @ 0-10°tca; 0.5-		18.8	19.8	1.0	225							
		2 cm width zones with finely shattered to		19.8	21.1	1.3	188							
		finely milled clasts of hornfelsed to qtz.repl.		21.1	21.6	0.5	13							
		sediments in calcareous to siliceous chlte to												
		grey cement; 10% heavily diss po both												
		within fracture bands and outside margins;												
		1% diss py, 0.5% diss cpy;												
		21.6-22.1		21.6	22.1	0.5	6							
		str. bleached to pervasive fine crystalline garnet												
		repl;												
		22.1-26.3		22.1	23.5	1.4	< 5							
		dominantly str. silicification - grey qtz flood to		23.5	24.5	1.0	6							
		mod-str. patchy to bedding selective hornfels;		24.5	25.5	1.0	< 5							
		1-2% diss po, weakly developed sulphide microfracture;		25.5	27.1	1.6	191							
		25.5-27.1												
		str. pervasive garnet-epidote replacement												
27.1	51.3	MIXED SLOPE - HORNFELS - SILICIFIED ZONE		27.1	28.1	1.0	7							
		fine to med. grained thin to med bedded str. altered		28.1	29.0	0.9	7							
		sediments - argillite - quartz wacke?, bedding well		29.0	30.3	1.3	15							
		preserved 25-35°tca; alternating zones of												

Toklat Resources Inc.

Drill Hole No. D9903 | Page 4 of 7

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au PPB
		strong silicification strong hornfels, moderate to strong chl-act-ep-carbonate repl; alteration contacts are both bedding selective and patchy in nature; rock generally fine-weakly developed fine microfracture healed by carbonate ± minor py, qtz, py, actinolite, chlorite					
		30.3-31.0 SHANTERED		30.3	31.0	0.7	14
		fine shatter overprint on weakly epidote flooded mod-str. silicified fine-grained sediment; contacts picked along bedding parallel 1 cm width clay ± gouge bands;		31.0	32.5	1.5	8
				32.5	33.5	1.0	5
		33.5-34.5		33.5	34.5	1.0	58
		patchy garnet replacement with moderate epidote flood repl. @ 33.7 a couple of 15-35 deg 05-1 cm width carbonate veins? fractures? with coarsely diss. py; est 8% over 10 cm;					
		34.5-36.4		34.5	35.5	1.0	7
		dominantly grey qtz flood ± patchy hornfels;		35.5	36.4	0.9	<5
		epidote-garnet flood;		36.4	37.8	1.4	<5
				37.8	39.3	1.5	<5

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES Au
		40.9-43.7 PD MICROFRACTURE					PPB
		Fine grained thinly laminated to medbedded		39.3	40.9	1.6	<5
		str. hornfelsed sediments. local weak epidote		40.9	42.3	1.4	<5
		flood; weakly developed microfracture healed ⊃		42.3	43.7	1.4	<5
		porphyritic; est 1-1.5% sulphides occ interval in		43.7	45.2	1.5	<5
		microfracture ↓ diss; also a couple of bedding pll					
		po repl. bands 1-3mm width; bedding 75-80°					
		tca;					
		45.2-46.1		45.2	46.1	0.9	<5
		str. silt 2ne; 60% grey qtz flood ± patchy		46.1	47.6	1.5	<5
		epidote; 3% fine to coarsely diss po ± py;		47.6	49.0	1.4	<5
				49.0	49.8	0.8	6
		49.8-50.6 SILICA		49.8	50.6	0.8	49
		fine fractured ⊃ chl-grey qtz-epidote repl. layer		50.6	52.2	1.6	<5
		contact strike 28 tca; upper contact gradational;					
51.3	54.9	SILICIFIED QUARTZITE - QTZ WACKE		52.2	53.4	1.2	<5
		med to dark grey thin laminated to med. bedded;		53.4	54.9	1.5	<5
		bedding somewhat variable 50-75 tca; str. silicified;					
		mod-str. hornfels;					

Toklat Resources Inc.

Drill Hole No. D9903 | Page 2 of 7

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ASSAYS							
		52.4-52.7												
		convoluted bedding cross cut bottom of 9302												
		EOH 549m/180'												

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Drill Hole No. DDH03 | Page 2 of 3

[redacted]: [redacted]
GRID: 180W/66N

DRILL HOLE LOG

LOCATION: DRAGON LAKE NTS 105 J12

DRILL HOLE NO.: D99C4

AZIMUTH: 215°	ELEVATION: 910m
INCLINATION: -45°	LENGTH: 72m/237'
	CORE SIZE: BGM.
STARTED: AUG. 16 1999	
COMPLETED: AUG. 17 1999	
PURPOSE: DOWNDIP TEST FOR MINERALIZATION SEEN IN BOREHOLE, T6 & T9 (HELIPAD HILL)	

SURVEYS			
METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.

PROPERTY: DRAG

CLAIM NO: BOUNDARY DRAG 1 - DRAG 6

SECTION:

LOGGED BY: CCD/BJK

DATED LOGGED: AUG 16-17, 1999

DRILLING CO.: FALCON

ASSAYED BY:

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES
0.0	3.0/10'	CASING/OVERBURDEN					
3.0	3.6	RUBBLE ZONE					
		medium to large mechanically ground quartzite cobbles					
		as below;					
3.6		QUARTZITE					
		fine to medium grained moderate to thin bedded quartzite;					
		color varies from med-dark grey-green to rusty orange;					
		bedding 55° tca; moderately fractured pll-sbpll to bedding					
		w typical oxide stain on fracture surface; pervasive wt,					
		weathering stain from 5.7-6.5m; v. weakly developed					
		carbonate microfracture; rare 0.5 cm width grey qtz					
		veins @ 30-45° tca x cutting bedding;					

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[redacted] METRE [redacted] FROM	TO	DESCRIPTION	SAMPLE NO.	[redacted] METRE [redacted] FROM	TO	LENGTH m	[redacted] ANALYSES [redacted] Au PPB
		rck is moderately silicified, ~ 20% white to grey quartz fluods;					
		8.8 rck becomes harder, more silicified;					
		10.3 bedding 75°ca;					
		10.4 - coarser grained quartzite; rck is strongly silicified - grey quartz flooded; color is med grey to grey brown; coincident increase in x cutting 0.2-0.5mm scale grey qtz veins; also increase in mm carbonate microveining - microfracture; tr. diss. py. qtz veins general, barren, rock patchy biotite hornfels; qtz vein density 2-3/m;		10.4	11.9	1.5	7
				11.9	13.4	1.5	15
		10.4-13.4 sample interval; typical unit; 3-5 cm width grey qtz veins, tr. diss. py;					
		15.7-16.7 more silicified - qtz flooded interval; 20% grey qtz vein; basal chlorite-actinolite-epidote flow		15.7	16.7	1.0	7

Toklat Resources Inc.

[redacted] TREA		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH m	ANALYSES							
FROM	TO			FROM	TO		Au							
		assoc. w qtz flood; est 0.5% f. diss pot by over					PPB							
		interval; bedding 75 tca;												
		250-29.2		28.2	29.2	1.0	5							
		increase in silt, hornfels bleaching, fine carbonate-												
		quartz mineralization better developed												
		NOTE: SEDIMENTARY TEXTURES & CONTACT MARGINS BETWEEN												
		FINE & COARSE BEDS SUGGEST CHANNEL FILL OR												
		SLUMP ORIGIN												
29.2	366	WEAK SKARN		29.2	30.7	1.5	< 5							
		thin to med. bedded fine to med to rare coarse		30.7	32.2	1.5	< 5							
		grained quartzite with weak skarn overprint;												
		bedding well developed 75 tca; color generally, bluish												
		brown to grey-brown with occ. pale green (epidote)												
		sections;												
		ALTERATION												
		med. to strong pervasive to bedding selective-												
		pervasive fine hornfels, local weak epidote												
		flood, strong silt to 10-15% grey qtz. flood;												

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Drill Hole No. D99029	Page 3 of 8

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METERAGE FROM	METERAGE TO	LENGTH m	ANALYSES Au							
		alteration after bedding selective;					PPB							
		VEINING												
		weakly developed generally low angle tco carbonate ± qtz microfracture;												
		SULPHIDES												
		tr.-0.5% f. diss. po, rare diss. py;												
		"												
		326-345												
		thin bedded qtzite-qtz wacke; bedding well developed variable from 80°-60°-75 tca; possibly local sedimentary deformation or tectonic deformation;												
		357-359 FAULT												
		strongly fractured hornfelsed qtzite fragments-clasts mixed with a little grey clay; fine earthy contacts indistinct;												

Toklat Resources Inc.

Drill Hole No. D9904	Page 4 of 8

[redacted]		DESCRIPTION	SAMPLE NO.	[redacted]		LENGTH	[redacted]								
FROM	TO			FROM	TO	m	Au								
		36.0-36.1					PPB								
		finely diss. po as repl. along 65° tca bedding planes;		36.0	36.6	0.6	11								
		est. 3-5% over 10 cm;													
36.6	47.8	QUARTZITE WITH HORNFELS-SILICA ALTERATION													
		medium to thin bedded med. to fine to rare course													
		grained quartzite; med to light grey - greybrown;													
		mod. to strong pervasive to bedding selective-pervasive													
		hornfels; strong silicification with 15-20% grey													
		quartz flood; v. weakly developed generally low angle													
		carbonate ± qtz microfracture - microveining; micro													
		fracture often has bleached margins w. v. rare epidote;													
		bedding well defined 60-75° tca; tr. finely diss po + py;													
		strong selective-pervasive bleaching;													
		38.1-38.3 FAULT/SHEAR													
		mod. to str. fractured qtzite fragments mixed													
		w. crush ± mud; fractures pll to local 75°													
		tca. bedding.													

[redacted]STREA		DESCRIPTION	SAMPLE NO.	MB[redacted]GE		LENGTH m	ANALYSES							
FROM	TO			FROM	TO		Au							
47.8	54.0	MEDIUM BEDDED QUARTZITE					PPB							
		medium to fine grained dark grey to grey-brown quartzite unit. bedding 70-80° to CA; unit has distinct fine mottled texture from selective-pervasive hornfels; silica-grey qtz flood; str. silf., stc. hornfels; strongly fractured ptl-subpll to bedding; no bleaching as seen above; decrease in carbonate micro-veining-microfracture;												
		50.5 - 51.2 FAULT? RUBBLE ZONE												
		coarse to fine angular clasts & shaly fractured dark grey-brown qtzite; minor casts mixed with fragments; no sticks noted; recovery OK;												
		54.0												
		contact underlying unit picked along 30° to a irregular quartz flood margin;												
54.0	59.6	FILE TO MEDIUM BEDDED SILICIFIED QUARTZITE		54.4	56.9	2.5	< 5							
		fine to med. grained, thin to med bedded quartzite; bedding variable from 40-75 to CA; str. pervasive to bedding selective-pervasive sil[D]; grey qtz flood, est.												

Toklat Resources Inc.

Drill Hole No. D3304	Page 6 of 8

[redacted] METRES FROM	TO	DESCRIPTION	SAMPLE NO.	[redacted] FROM	TO	LENGTH m	[redacted] Au	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
		20% grey qtz reg. zon interval, typically bedding					PPB							
		selective; str. to mod. bleached; weak to moderate												
		pitchy biotite hornfels; weakly developed carbonate												
		qtz microfracture-microveins x cutting bedding 30-75°												
		tca; v rare weak pale pistachio green epidote alteration,												
		generally bedding selective; tr.-0.5% f. diss po+py;												
		55.4-56.9												
		thin bedded qtzite; local weak epidote flood;												
		str. silic, 0.5-1% diss po+py; tr. cpy on split												
		fracture surface;												
		56.9-57.3		56.9	57.3	0.4	5							
		grey quartz flood-repl; carbon+ ptl to bedding;		57.3	58.9	1.6	15							
		tr. diss. py.												
		57.3-57.5												
		thin bedded qtzite; 0.5% diss po+py												
58.6	72.2	FINE GRAINED SIL. SILICIFIED QUARTZITE												
		fine grained thicker bedded pale green-grey												
		quartzite; strong pervasive silicification +												
		intense grey qtz flood throughout; weakly developed												
		carbonate-qtz in 30-60° tca microfracture-micro												
		veining; v. rare pyritic fractures - tr. diss po+py												

Toklat Resources Inc.

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	METERAGE FROM	METERAGE TO	LENGTH m	ANALYSES Au							
		65.5 - 66.1					PPB							
		0° tca mm width pyrite healed microfracture		65.5	66.1	0.6	37							
		Sucrosic		69.2	70.7	1.5	100							
				70.7	72.2	1.5	200							
		66.1 - 66.8, 67.5 - 70.7												
		strong hornfels; thin to med. bedded quartzite;												
		moderately developed microfracture with bleached												
		margins; bedding 75-80° tca;												
		70.7 - 72.2 FAULT BRECCIA?												
		angular clasts of silicified quartzite retreated												
		w carbonate cement; rare weak epidote alteration;												
		no sulphides;												
		EOH 72.2 m / 237'												

Toklat Resources Inc.

Drill Hole No. D9804 | Page 8 of 8

APPENDIX III

ASSAY CERTIFICATES

Northern Analytical Laboratories ltd.

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Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

28/07/99 Certificate of Analysis

Bernie Kreft

WO# 05691

Certified by

	Sample #	Au ppb
r	BDR-1	<5
r	BDR-2	72
r	BDR-3	5619
r	BDR-4	51
r	BDR-5	21
r	BDR-6	5
r	BDR-7	21
r	BDR-8	9
r	BDR-9	<5
r	BDR-10	46
r	BDR-11	7
r	BDR-12	84
r	BDR-13	<5
r	BDR-14	<5
r	BDR-15	<5
r	BDR-16	1006
r	BDR-17	49
r	BDR-18	291
r	BDR-19	87
r	BDR-20	50
r	BDR-21	273
r	BDR-22	14
r	BDR-23	14
r	BDR-24	132
r	BDR-25	111
r	BDR-26	401
r	BDR-27	7
r	BDR-28	598
r	BDR-29	9
r	BDR-30	18

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
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Bernie Kreft

WO# 05691

Certified by

	Sample #	Au ppb
r	BDR-31	5
r	BDR-32	<5
r	BDR-33	<5
r	BDR-34	6
r	DC-CS-1	180
r	DC-CS-2	132
r	DC-CS-3	<5
r	DC-CS-4	<5
r	DC-CS-5	<5
r	DC-CS-6	9
r	DC-CS-7	5
r	DC-CS-8	561
r	DC-CS-9	62
r	DC-CS-10	<5
r	DC-CS-11	602
r	DC-CS-12	103
r	DC-CS-13	872
r	DC-CS-14	506
r	DC-CS-15	1148
r	DC-CS-16	390
r	DC-CS-17	7
r	DC-CS-18	883
r	DC-CS-19	534
r	DC-CS-20	17
r	DC-CS-21	<5
r	DC-CS-22	6

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12/08/99 Certificate of Analysis

Bernie Kreft

WO# 05720

Certified by

	Sample #	Au ppb
r	BDR 35	<5
r	BDR 36	6
r	BDR 37	78
r	BDR 38	116
r	BDR 39	934
r	BDR 40	640
r	BDR 41	1352
r	BDR 42	13
r	BDR 43	373
r	BDR 44	79
r	BDR 45	28
r	BDR 46	314
r	BDR 47	142
r	BDR 48	211
r	BDR 49	5
r	BDR 50	<5
r	150W+376S	<5
r	250W+266S	<5
s	50W-187.5S	11
s	50W-200S	8
s	50W-212.5S	30
s	50W-225S	<5
s	50W-237.5S	<5
s	50W-250S	5
s	50W-262.5S	<5
s	50W-275S	<5
s	100W-225S	<5
s	100W-237.5S	<5
s	100W-250S	<5
s	150W-187.5S	<5

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Bernie Kreft

WO# 05720

Certified by

	Sample #	Au ppb
s	150W-200S	<5
s	150W-212.5S	<5
s	150W-225S	<5
s	150W-237.5S	<5
s	150W-250S	<5
s	150W-262.5S	<5

CERTIFICATE OF ANALYSIS
iPL 99G0648

INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Northern Analytical Laboratories
Project : W.O. 05691
Shipper : Norm Smith
Shipment: PO#: 054599
Analysis:
ICP(AqR)30

Comment: BERNIE KREFT

56 Samples Out: Aug 03, 1999 In: Jul 27, 1999 [064812:19:56:99080399]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION
B311	56	Pulp	Pulp received as it is, no sample prep.

NS=No Sample Rep=Replicate PULP 12M/Dis M=Month REJECT 00M/Dis Dis=Discard

Document Distribution

1 Northern Analytical Laboratories
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Whitehorse
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0	0	0	0	0

Ph:867/668-4968
Fx:867/668-4890
Em:NAL@hypertech.yk.ca

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molydenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 1=Copy 1=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

CERTIFICATE OF ANALYSIS
iPL 99G0648

INTERNATIONAL PLASMA LABORATORY LTD.
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Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W.O. 05691

56 Samples
56=Pulp

[064817:18:54:99080399]

Out: Aug 03, 1999
In : Jul 27, 1999

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
BDR - 1	P	0.1	43	34	12	8	<	<	2	<	<	0.3	2	7	44	<	136	4	30	6	5	4	1	<	0.24	0.03	1.14	0.04	0.12	0.02	0.02
BDR - 2	P	1.8	1830	26	48	56	<	<	1	<	<	2.2	38	27	28	<	49	26	184	13	142	5	1	0.06	3.37	2.17	10%	0.10	0.06	0.36	0.02
BDR - 3	P	1.4	359	11	53	<	<	<	<	<	<	1.4	15	13	24	<	32	9	779	13	13	2	<	0.01	0.30	1.79	6.23	0.09	0.02	0.02	0.08
BDR - 4	P	0.2	32	12	49	38	<	<	2	<	10	1.3	6	14	12	7	74	16	769	36	103	6	1	0.06	1.77	6.15	2.64	0.11	0.01	0.03	0.03
BDR - 5	P	0.2	28	11	47	129	<	<	2	<	<	1.3	6	11	82	<	69	19	509	29	669	6	1	0.11	4.87	5.94	1.94	0.10	0.05	0.30	0.03
BDR - 6	P	0.3	157	22	42	81	<	<	1	<	<	1.3	12	22	33	<	106	19	288	13	159	3	2	0.07	3.23	2.30	3.39	0.31	0.07	0.38	0.01
BDR - 7	P	0.5	963	18	47	<	<	<	1	<	<	1.9	31	19	6	<	81	13	582	11	12	13	<	0.02	0.96	2.87	8.10	0.08	0.02	0.02	0.03
BDR - 8	P	0.3	382	18	45	<	<	<	1	<	<	2.1	25	24	5	<	61	13	932	<	16	14	<	0.02	0.74	5.56	8.05	0.04	0.01	0.02	0.02
BDR - 9	P	0.1	89	15	36	6	<	<	5	<	<	0.7	4	6	68	10	88	6	303	19	59	3	2	<	0.44	3.09	1.86	0.13	0.22	0.02	0.04
BDR - 10	P	0.1	34	27	42	9	<	<	1	<	34	0.7	4	5	54	8	74	5	316	22	49	2	3	<	0.42	3.04	1.89	0.14	0.21	0.03	0.06
BDR - 11	P	0.1	93	5	14	42	<	<	1	<	<	0.7	3	7	53	202	87	4	323	10	62	3	1	<	0.37	3.52	1.69	0.13	0.21	0.02	0.04
BDR - 12	P	7.3	69	228	49	8	5	<	1	<	179	1.4	11	27	96	19	78	30	457	20	43	1	4	<	0.81	2.92	3.61	0.32	0.15	0.03	0.01
BDR - 13	P	<	25	8	9	58	<	<	2	<	<	0.5	1	5	98	88	83	<	114	23	86	1	1	<	1.33	3.21	0.42	0.02	0.12	0.07	0.01
BDR - 14	P	0.3	552	33	28	20	<	<	2	<	<	0.6	3	6	50	82	79	3	112	21	9	1	1	<	0.34	0.39	3.05	0.02	0.19	0.02	0.01
BDR - 15	P	<	40	6	30	10	<	<	2	<	<	0.5	1	5	45	10	102	2	196	29	30	1	4	<	0.37	1.37	1.28	0.05	0.17	0.04	0.01
BDR - 16	P	0.8	852	26	44	<	<	<	<	<	<	2.2	12	21	157	8	55	42	391	9	42	10	2	0.09	1.30	0.88	14%	0.34	0.05	0.03	0.03
BDR - 17	P	0.3	398	11	32	102	<	<	<	<	<	1.1	9	23	301	10	61	30	482	23	268	5	3	0.13	3.95	3.12	4.59	0.35	0.08	0.17	0.03
BDR - 18	P	1.0	539	10	39	216	<	<	1	<	83	1.2	19	36	6	<	28	12	187	20	245	4	1	0.07	6.42	4.80	3.80	0.10	0.02	0.27	0.06
BDR - 19	P	1.1	1362	18	39	<	<	<	1	<	<	1.3	35	22	7	<	125	9	166	6	27	3	<	0.01	1.06	0.66	6.17	0.16	0.02	0.03	0.05
BDR - 20	P	0.3	239	8	49	11	<	<	1	<	18	1.1	9	10	11	<	99	7	514	3	32	2	<	0.01	0.96	2.08	4.37	0.04	0.02	0.05	0.02
BDR - 21	P	0.5	522	21	65	137	<	<	1	<	<	2.1	40	36	43	<	84	29	251	14	231	4	3	0.04	5.32	3.35	6.46	0.15	0.11	0.26	0.03
BDR - 22	P	0.5	788	29	69	<	<	<	<	<	<	2.4	54	28	23	<	58	28	470	<	8	10	<	0.01	0.52	1.03	14%	0.06	0.02	0.01	0.05
BDR - 23	P	0.2	110	19	103	22	<	<	<	<	<	2.1	8	17	7	<	69	14	1880	19	43	17	1	0.04	1.39	9.76	4.90	0.12	0.02	0.02	0.03
BDR - 24	P	0.3	856	11	31	159	<	<	1	<	<	1.8	27	28	47	<	58	28	107	20	192	9	2	0.07	5.19	3.50	8.38	0.17	0.06	0.28	0.03
BDR - 25	P	1.0	928	13	34	226	<	<	<	<	<	1.6	33	37	51	9	54	29	150	23	313	7	2	0.10	6.88	5.06	6.49	0.32	0.06	0.25	0.06
BDR - 26	P	1.1	916	21	34	4559	<	<	1	<	379	1.7	24	24	46	<	51	24	125	17	279	5	2	0.04	5.29	3.79	6.96	0.22	0.07	0.33	0.10
BDR - 27	P	0.3	385	22	32	170	<	<	1	<	3	1.8	15	15	47	<	29	21	526	7	334	5	2	0.07	4.96	8.62	5.48	0.26	0.05	0.41	0.02
BDR - 28	P	1.1	525	5	26	195	<	<	3	<	624	1.4	25	42	55	<	46	19	159	27	382	5	2	0.06	6.00	6.37	4.20	0.25	0.06	0.41	0.05
BDR - 29	P	0.3	152	3	30	279	<	<	6	<	<	1.4	10	34	130	16	69	48	213	15	583	5	5	0.09	11%	6.68	2.49	0.57	0.30	0.83	0.03
BDR - 30	P	0.5	566	16	33	128	<	<	2	<	<	1.7	20	32	33	<	45	19	127	13	241	4	2	0.04	5.09	3.86	6.54	0.36	0.12	0.21	0.02
BDR - 31	P	<	16	8	12	14	<	<	1	<	<	0.5	5	13	50	<	129	13	74	8	9	5	1	0.01	0.47	0.10	1.25	0.22	0.08	0.04	0.01
BDR - 32	P	<	12	8	25	8	<	<	1	<	<	0.5	3	6	45	<	129	11	75	8	6	5	1	<	0.34	0.06	1.27	0.21	0.07	0.04	0.01
BDR - 33	P	0.2	25	15	77	59	<	<	1	<	<	1.3	10	25	75	5	116	37	237	11	47	5	4	0.10	2.25	0.89	2.59	0.66	0.22	0.29	0.02
BDR - 34	P	0.2	25	15	22	34	<	<	1	<	<	0.6	7	21	82	<	108	22	160	10	33	5	2	0.02	1.35	0.38	2.06	0.55	0.19	0.14	0.02
DC-CS - 1	P	0.6	586	14	86	<	<	<	<	<	<	1.8	10	14	30	150	23	13	1734	2	6	4	<	0.01	0.23	1.35	10%	0.02	0.01	0.01	0.03
DC-CS - 2	P	0.2	142	7	69	23	<	<	<	<	137	1.1	4	9	20	137	25	6	1699	4	13	2	<	0.02	0.48	1.10	4.66	0.03	0.01	0.01	0.02
DC-CS - 3	P	0.1	40	7	13	11	<	<	1	<	<	0.6	3	10	19	<	104	7	206	18	47	1	1	<	0.29	3.41	1.15	0.42	0.06	0.02	0.01
DC-CS - 4	P	<	42	3	10	229	<	<	1	<	<	0.4	2	6	22	<	110	6	63	15	5	1	1	<	0.25	0.17	1.04	0.02	0.06	0.01	0.02
DC-CS - 5	P	<	16	3	15	18	<	<	1	<	<	0.4	1	4	34	<	131	3	68	17	2	<	1	<	0.20	0.03	0.89	0.01	0.10	0.01	0.01
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

CERTIFICATE OF ANALYSIS
iPL 99G0648

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Client : Northern Analytical Laboratories
Project: W.O. 05691

56 Samples
56=Pulp

[064817:18:54:99080399]

Out: Aug 03, 1999
In : Jul 27, 1999

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
DC-CS - 6	P	<	13	5	13	5	<	<	<	<	<	0.3	1	7	62	<	109	7	62	12	3	<	1	<	0.29	0.02	1.00	0.02	0.12	0.01	0.01
DC-CS - 7	P	<	8	5	6	5	<	<	1	<	<	0.2	1	3	38	<	101	3	42	4	3	<	<	<	0.16	0.02	0.41	0.01	0.07	0.01	<
DC-CS - 8	P	0.5	657	17	154	<	<	<	<	<	70	2.2	7	11	44	178	28	20	4403	<	17	4	<	0.01	0.23	1.40	13%	0.05	0.01	0.01	0.03
DC-CS - 9	P	<	31	15	104	<	<	<	<	<	31	1.0	17	36	48	6	56	44	1367	34	6	1	3	<	0.52	0.04	4.75	0.08	0.13	0.02	0.02
DC-CS - 10	P	0.1	50	17	79	60	<	<	4	<	<	1.1	33	52	70	<	61	38	682	14	25	11	4	0.03	2.58	0.71	3.50	0.80	0.41	0.17	0.03
DC-CS - 11	P	1.4	2050	19	67	<	<	<	1	<	<	1.8	39	25	20	157	26	20	490	2	4	5	<	0.01	0.21	0.46	14%	0.01	0.01	0.01	0.03
DC-CS - 12	P	0.7	1886	16	147	36	<	<	<	<	<	1.9	18	12	30	216	31	17	3442	7	27	5	1	0.03	1.04	1.12	9.86	0.07	0.02	0.01	0.03
DC-CS - 13	P	2.1	2997	38	118	22	<	<	<	<	136	2.7	70	39	19	399	27	38	1366	<	3	9	<	0.01	0.11	0.36	19%	0.02	0.01	0.01	0.04
DC-CS - 14	P	1.9	3963	35	101	41	<	<	<	<	<	2.2	55	31	17	470	27	30	986	2	4	6	<	0.01	0.19	0.43	17%	0.02	0.01	0.01	0.04
DC-CS - 15	P	2.7	1882	29	68	23	<	<	<	<	554	2.1	21	17	22	348	31	28	460	<	4	5	<	0.02	0.33	0.36	14%	0.05	0.08	0.01	0.03
DC-CS - 16	P	0.8	1196	27	79	<	<	<	<	<	<	2.1	25	24	25	176	34	24	1132	4	21	6	<	0.02	0.54	0.84	13%	0.05	0.02	0.01	0.10
DC-CS - 17	P	0.1	51	14	27	71	<	<	1	<	3	2.1	9	23	30	12	83	32	235	13	146	6	3	0.03	2.64	3.11	2.58	0.47	0.20	0.38	0.02
DC-CS - 18	P	1.2	1756	26	133	<	<	<	<	<	<	2.1	18	33	27	14	55	33	1464	5	7	7	2	<	0.23	0.18	14%	0.04	0.04	0.01	0.03
DC-CS - 19	P	0.2	86	<	46	150	<	<	1	<	372	0.8	7	22	79	518	40	15	1015	10	61	2	2	0.03	1.53	2.51	3.00	0.22	0.15	0.04	0.06
DC-CS - 20	P	0.6	129	27	33	1264	<	<	1	<	11	0.3	6	7	41	21	114	6	101	8	3	1	1	<	0.35	0.04	1.18	0.02	0.10	0.01	0.01
DC-CS - 21	P	<	79	<	6	24	<	<	1	<	<	0.3	<	4	13	11	118	8	30	10	9	1	1	<	0.31	0.03	0.83	0.01	0.06	0.01	0.01
DC-CS - 22	P	<	240	4	17	11	<	<	<	<	<	0.4	3	10	26	<	165	7	120	16	12	1	1	<	0.41	0.05	2.36	0.02	0.10	0.01	0.01
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

CERTIFICATE OF ANALYSIS
iPL 99H0734

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Northern Analytical Laboratories

36 Samples Out: Aug 20, 1999 In: Aug 13, 1999 [073408:50:15:99082099]

Project : W.O. 05720
Shipper : Norm Smith
Shipment: PO#: 176705

Analysis:
ICP(AqR)30

Comment:

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CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 00M/Dis
B311	36	Pulp	Pulp received as it is, no sample prep.		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molydenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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BC Certified Assayer: David Chiu

CERTIFICATE OF ANALYSIS
iPL 99H0734

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Client : Northern Analytical Laboratories
Project: W.O. 05720

36 Samples
36=Pulp

[073408:50:15:99082099]

Out: Aug 20, 1999
In : Aug 13, 1999

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
BDR - 35	P	0.4	27	468	174	45	68	<	1	<	<	2.8	8	19	78	<	112	20	547	5	192	4	2	0.02	1.31	3.17	2.78	0.39	0.12	0.19	0.01
BDR - 36	P	0.5	471	8	28	163	<	4	2	<	<	<	22	28	49	<	59	16	260	6	466	4	1	0.07	7.97	6.77	5.08	0.18	0.05	0.39	0.02
BDR - 37	P	0.8	745	18	43	93	<	<	3	<	<	<	39	60	29	<	59	27	289	27	319	7	2	0.06	5.40	4.49	7.95	0.23	0.04	0.31	0.12
BDR - 38	P	<	101	5	33	46	<	<	1	<	<	1.9	9	8	12	<	68	16	575	24	110	7	1	0.07	2.24	3.84	3.83	0.07	0.03	0.05	0.06
BDR - 39	P	0.1	708	16	54	<	<	<	<	<	<	<	24	17	30	<	38	18	948	3	55	5	1	0.01	1.03	2.55	10%	0.09	0.12	0.02	0.10
BDR - 40	P	0.4	543	10	47	<	<	<	<	<	<	<	21	10	19	<	26	15	292	3	27	5	<	0.01	0.69	0.88	8.78	0.08	0.05	0.03	0.09
BDR - 41	P	0.7	1329	21	58	<	<	<	<	<	<	1.7	31	31	35	12	20	24	250	5	57	7	1	0.02	1.25	1.07	12%	0.11	0.06	0.06	0.11
BDR - 42	P	<	56	2	16	18	<	<	1	<	<	<	1	3	27	<	77	2	599	5	61	1	<	0.01	0.74	13%	0.61	0.02	0.07	0.03	0.02
BDR - 43	P	0.2	428	13	63	15	<	<	<	<	15	2.0	18	26	99	<	73	50	411	8	58	7	3	0.07	1.43	1.22	5.88	0.65	0.18	0.10	0.09
BDR - 44	P	0.1	245	14	25	62	<	<	<	<	36	1.7	4	7	35	5	91	5	247	3	198	2	<	0.02	2.38	8.04	1.89	0.03	0.05	0.11	0.02
BDR - 45	P	<	185	5	27	125	<	<	<	<	<	<	13	57	3	<	31	9	330	30	164	2	<	0.06	5.37	4.54	3.65	0.03	0.03	0.19	0.03
BDR - 46	P	0.8	945	20	44	56	<	<	4	<	<	<	29	21	15	<	86	20	206	12	84	4	1	0.03	3.13	2.25	8.35	0.13	0.05	0.10	0.02
BDR - 47	P	0.2	240	6	39	164	<	<	<	<	35	<	13	19	16	<	57	17	343	11	252	4	1	0.08	6.86	5.20	4.21	0.11	0.09	0.44	0.02
BDR - 48	P	0.7	1465	29	91	39	<	4	<	<	<	0.2	18	32	55	<	37	63	791	3	113	7	4	0.04	3.68	1.89	14%	1.04	0.07	0.12	0.01
BDR - 49	P	<	44	14	112	67	<	<	1	<	<	1.3	29	42	83	12	126	23	2598	23	15	3	2	0.01	2.24	0.34	3.83	0.86	0.10	0.03	0.11
BDR - 50	P	<	15	18	33	<	<	<	1	<	<	0.9	6	16	69	<	145	8	260	22	8	6	2	<	0.29	0.19	2.07	0.04	0.14	0.02	0.02
150W 376S	P	<	38	20	35	97	<	<	1	<	<	0.9	17	41	177	<	74	51	125	18	79	17	5	0.18	3.26	0.97	3.66	0.89	1.44	0.27	0.11
250W 266S	P	<	29	14	50	53	<	<	1	<	<	1.0	28	41	153	<	95	30	103	11	21	22	3	0.09	1.91	0.20	3.22	0.70	0.81	0.09	0.02
50W 187.5S	P	<	62	39	263	117	<	<	2	<	<	0.6	12	37	164	<	29	50	226	13	32	6	3	0.01	3.12	0.31	4.81	0.36	0.10	0.03	0.05
50W 200S	P	<	36	26	104	73	<	<	3	<	<	1.5	9	27	234	<	23	55	152	15	28	3	2	0.01	2.18	0.23	3.95	0.28	0.08	0.02	0.02
50W 212.5S	P	0.1	125	38	92	<	<	<	<	<	<	<	19	16	157	<	23	61	471	16	14	5	1	0.03	1.51	0.62	14%	0.06	0.05	0.02	0.14
50W 225S	P	<	36	36	106	104	<	<	1	<	<	1.4	17	42	288	<	30	57	485	18	38	7	3	0.01	2.74	0.33	4.30	0.33	0.10	0.02	0.03
50W 237.5S	P	<	27	22	114	68	<	<	2	<	<	1.3	10	21	250	<	29	72	251	16	35	6	3	0.02	2.55	0.31	3.74	0.31	0.08	0.03	0.02
50W 250S	P	<	26	20	163	70	<	<	1	<	<	2.3	12	27	158	<	33	55	336	12	97	4	3	0.04	2.45	1.34	2.92	0.54	0.11	0.12	0.03
50W 262.5S	P	<	38	30	85	94	<	<	<	<	<	1.2	11	29	183	<	23	35	406	15	150	4	3	0.03	2.58	1.48	3.20	0.35	0.08	0.08	0.06
50W 275S	P	<	29	27	65	87	<	<	2	<	<	1.7	10	30	103	<	26	36	402	13	103	4	3	0.03	2.65	1.60	2.87	0.35	0.10	0.05	0.04
100W 225S	P	0.1	78	92	110	176	<	<	1	<	<	0.3	16	41	147	<	33	39	346	18	170	7	4	0.05	3.54	1.47	4.05	0.53	0.11	0.18	0.04
100W 237.5S	P	<	67	115	123	172	<	<	2	<	<	<	17	39	146	<	29	35	274	14	78	9	3	0.04	3.82	0.47	4.13	0.37	0.09	0.08	0.05
100W 250S	P	<	42	37	152	109	<	<	3	<	<	0.7	11	29	117	5	20	59	168	15	19	5	2	0.01	1.83	0.09	4.74	0.28	0.06	0.02	0.06
150W 187.5S	P	<	48	47	134	102	<	<	3	<	<	1.4	15	33	159	<	29	54	240	15	36	7	3	0.02	2.07	0.18	5.03	0.33	0.09	0.02	0.04
150W 200S	P	<	37	30	163	92	<	<	1	<	<	1.5	14	36	197	<	31	59	200	18	40	6	3	0.03	2.30	0.21	4.69	0.46	0.13	0.03	0.02
150W 212.5S	P	<	26	16	69	66	<	<	1	<	<	1.5	10	18	211	<	18	61	345	18	24	3	2	0.03	1.58	0.17	2.93	0.22	0.10	0.02	0.03
150W 225S	P	0.2	60	39	102	122	<	<	3	<	<	<	19	42	242	<	32	49	259	19	59	8	4	0.03	3.86	0.35	4.42	0.39	0.09	0.06	0.08
150W 237.5S	P	<	27	36	108	112	<	<	2	<	<	0.5	12	23	226	6	28	57	218	30	39	6	3	0.06	1.95	0.18	4.05	0.44	0.20	0.02	0.04
150W 250S	P	<	10	20	50	50	<	<	1	<	<	1.0	4	11	48	<	8	39	85	5	11	2	1	0.01	1.28	0.21	2.59	0.09	0.04	0.03	0.03
150W 262.5S	P	<	18	33	78	116	<	<	3	<	<	1.0	8	22	156	<	20	69	113	16	31	2	2	0.04	1.58	0.25	3.59	0.26	0.13	0.05	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

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27/08/99

Certificate of Analysis

DRILL RESULTS

Bernie Kreft

WO# 05734

Certified by

	Sample #		Au 30g ppb
dc	9901	3.1-4.5	<5
dc	9901	4.5-4.9	<5
dc	9901	4.9-6.2	364
dc	9901	6.2-6.6	12
dc	9901	6.6-7.9	27
dc	9901	7.9-9.3	7
dc	9901	9.3-10.4	27
dc	9901	10.4-11.2	18
dc	9901	11.2-14.3	120
dc	9901	19.2-20.7	42
dc	9901	36.6-38.1	11
dc	9901	43.2-44.5	15
dc	9901	44.5-45.9	5
dc	9901	45.9-47.1	58
dc	9901	47.1-48.3	164
dc	9901	48.3-49.3	367
dc	9901	49.3-50.5	2142
dc	9901	50.5-51.4	179
dc	9901	51.4-52.4	68
dc	9901	52.4-53.0	51
dc	9901	53-53.9	23
dc	9901	53.9-54.9	10
dc	9901	54.9-56.4	107
dc	9901	56.4-57.9	33
dc	9901	57.9-58.5	42
dc	9901	58.5-60.0	19
dc	9901	60.0-61.5	27
dc	9901	61.5-62.5	10
dc	9901	62.5-63.4	33
dc	9901	63.4-64.4	142

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Bernie Kreft

WO# 05734

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	Sample #		Au 30g ppb
dc	9901	64.4-65.4	45
dc	9901	65.4-66.5	40
dc	9901	66.5-67.6	51
dc	9901	67.6-68.5	52
dc	9901	68.5-69.2	62
dc	9901	69.2-70.5	160
dc	9901	70.5-71.7	347
dc	9901	71.7-72.8	189
dc	9901	72.8-73.6	16
dc	9901	73.6-75.1	16
dc	9901	75.1-76.6	12
dc	9901	76.6-78.1	52
dc	9901	78.1-79.1	7
dc	9901	79.1-80.1	36
dc	9901	80.1-81.6	28
dc	9901	81.6-83.1	6
dc	9901	83.1-84.9	32
dc	9901	84.9-86.0	698
dc	9901	86.0-87.0	68
dc	9901	87.0-87.9	19
dc	9901	87.9-88.9	<5
dc	9901	88.9-90.4	58
dc	9901	90.4-91.8	598
dc	9901	91.8-93.2	287
dc	9901	93.2-94.1	219
dc	9901	94.1-95.2	168
dc	9901	95.2-96.3	465
dc	9901	96.3-97.3	29
dc	9901	97.3-98.8	13
dc	9901	98.8-100.3	5

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	Sample #		Au 30g ppb
dc	9901	100.3-101.4	425
dc	9901	101.4-102.4	63
dc	9901	102.4-104.0	262
dc	9901	104.0-105.5	11
dc	9901	105.5-106.6	275
dc	9901	106.6-107.8	3664
dc	9901	107.8-108.8	200
dc	9901	108.8-109.5	10
dc	9901	109.5-111.0	14
dc	9901	111.0-112.5	34
dc	9901	112.5-114.1	13
dc	9901	114.1-115.1	42
dc	9901	115.1-116.3	<5
dc	9901	123.9-125.0	53
dc	9901	125.0-126.5	60
dc	9902	4.6-7.6	7
dc	9902	7.6-9.1	69
dc	9902	9.1-10.6	13
dc	9902	10.6-12.1	<5
dc	9902	12.1-13.5	<5
dc	9902	13.5-14.5	10
dc	9902	14.5-15.5	16
dc	9902	15.5-16.5	17
dc	9902	16.5-17.5	83
dc	9902	17.5-19.1	<5
dc	9902	19.1-20.5	<5
dc	9902	20.5-21.8	<5
dc	9902	21.8-22.9	<5
dc	9902	22.9-24.1	<5
dc	9902	24.1-25.6	<5

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	Sample #		Au 30g ppb
dc	9902	25.6-26.7	9
dc	9902	26.7-27.9	61
dc	9902	27.9-29.3	10
dc	9902	29.3-30.5	<5
dc	9902	30.5-31.4	23
dc	9902	31.4-32.9	15
dc	9902	32.9-34.4	23
dc	9902	34.4-35.9	<5
dc	9902	35.9-36.9	<5
dc	9902	36.9-37.9	12
dc	9902	37.9-39.2	6
dc	9902	39.2-39.9	<5
dc	9902	39.9-41.4	<5
dc	9902	41.4-42.9	<5
dc	9902	42.9-44.2	<5
dc	9902	44.2-45.6	<5
dc	9902	45.6-46.7	<5
dc	9902	46.7-47.8	<5
dc	9903	4.3-4.6	<5
dc	9903	4.6-5.5	<5
dc	9903	5.5-7.0	<5
dc	9903	7.0-8.5	<5
dc	9903	8.5-10.0	<5
dc	9903	10.0-11.5	<5
dc	9903	11.5-13.0	<5
dc	9903	13.0-14.6	<5
dc	9903	14.6-15.6	<5
dc	9903	15.6-16.4	630
dc	9903	16.4-17.5	78
dc	9903	17.5-17.7	144

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	Sample #		Au 30g ppb
dc	9903	17.7-18.8	5
dc	9903	18.8-19.8	225
dc	9903	19.8-21.1	188
dc	9903	21.1-21.6	13
dc	9903	21.6-22.1	6
dc	9903	22.1-23.5	<5
dc	9903	23.5-24.5	6
dc	9903	24.5-25.5	<5
dc	9903	25.5-27.1	191
dc	9903	27.1-28.1	7
dc	9903	28.1-29.0	7
dc	9903	29.0-30.3	15
dc	9903	30.3-31.0	14
dc	9903	31.0-32.5	8
dc	9903	32.5-33.5	5
dc	9903	33.5-34.5	58
dc	9903	34.5-35.5	7
dc	9903	35.5-36.4	<5
dc	9903	36.4-37.8	<5
dc	9903	37.8-39.3	<5
dc	9903	39.3-40.9	<5
dc	9903	40.9-42.3	<5
dc	9903	42.3-43.7	<5
dc	9903	43.7-45.2	<5
dc	9903	45.2-46.1	<5
dc	9903	46.1-47.6	<5
dc	9903	47.6-49.0	<5
dc	9903	49.0-49.8	6
dc	9903	49.8-50.6	49
dc	9903	50.6-52.2	<5

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	Sample #		Au 30g ppb
dc	9903	52.2-53.4	<5
dc	9903	53.4-54.9	<5
dc	9904	10.4-11.9	7
dc	9904	11.9-13.4	15
dc	9904	15.7-16.7	7
dc	9904	28.2-29.2	5
dc	9904	29.2-30.7	<5
dc	9904	30.7-32.2	<5
dc	9904	36.0-36.6	11
dc	9904	54.4-56.9	<5
dc	9904	56.9-57.3	5
dc	9904	58.9	15
dc	9904	65.5-66.1	37
dc	9904	69.2-70.7	100
dc	9904	72.2	200

369,000 370,000 371,000

6,944,000

UTM 6,943,000m N

6,943,000

UTM 369,000m E 370,000 371,000

N

UTM Grid North

Dragon Lake

±857

1d 1a Kg 1d 1a 1d 1a 1c 1a 1b 1c

T-14 97-1 T-13 T-11, 97-3 97-1B T-12 97-2 T-10 T-9 T-7 T-8 T-6 97-8,9 T-2 97-4 97-6,7 T-1 97-5 T-3 T-5 T-4

plagioclase porphyritic calc-silicate and hornfels

LINE 0

winter trail

DRAG CLAIMS

0 50 100 150 200 250 300 350 400

METRES

LEGEND & SYMBOLS

CRETACEOUS

Kg Buff to grey dykes, sills and small plugs of aplite and biotite granite; locally quartz, feldspar and/or biotite phyric; minor arsenopyrite

PROTEROZOIC - Lower Cambrian
Hyland Group

1a Quartzite-pale grey to white-weathering with minor interbedded phyllite

1b Phyllite and chert-thinly laminated black to grey sediments

1c Marble, limestone-light grey to white, hematite and limonite staining

1d Calc-silicate rock, diopside skarn and hornfels-black rusty weathering horizons, banded to disseminated pyrrhotite

Geological contact

Fault

Replacement mineralization

Au soil anomaly, >40 ppb

⊗T-3 Sample pit

1000 Elevation contour

Stream, creek, lake

4-wheel drive trail

Claim group boundary (approximate)

Claim line

6 YD 90315 Claim no., grant no.

SAMPLE RESULTS, 1996-1997

Pit & sample #	Width	Au ppb
T-1-1	grab	121
T-1-2	grab	543
T-1-3	1.0m	2643
97-5	2.0m	1246
T-2-1	1.5m	2155
T-2-2	1.5m	1400
T-2-3	1.5m	1325
T-2-4	1.5m	6382
T-2-5	1.5m	553
T-2-6	1.5m	96
97-4	1.5m	3155
T-3-1	grab	19
T-3-2	1.0m	185
T-3-3	1.0m	103
T-3-4	1.3m	137
T-3-5	1.5m	400
T-4-1	grab	7
T-4-2	1.0m	72
T-5-1	1.8m	475
T-5-2	1.5m	434
T-5-3	1.8m	289
T-6-1	1.8m	73
T-6-2	1.8m	21
T-6-3	1.8m	24
T-6-4	1.5m	352
T-6-5	1.5m	96
T-6-6	1.3m	1439
T-6-7	1.5m	5
T-7-1	1.7m	8
T-7-2	1.7m	<5
T-8-1	1.3m	11
T-8-2	1.3m	23

Pit & sample #	Width	Au ppb
T-9-1	3.0m	985
T-9-2	3.0m	1970
T-9-3	3.0m	1688
T-9-4	3.0m	446
T-9-5	1.5m	953
T-9-6	1.8m	996
T-10-1	grab	118
T-11-1	1.8m	22
T-11-2	1.8m	21
T-11-3	2.0m	230
T-11-4	2.0m	2055
97-3	305m	1106
97-1B	grab	63
T-12-1	1.8m	138
T-12-2	1.8m	2296
T-12-3	1.8m	1066
T-12-4	1.8m	239
97-2	3.0m	1569
T-13-1	1.8m	272
T-13-2	1.8m	276
T-13-3	1.8m	5
T-13-4	grab	691
T-13-5	grab	707
T-14-1	1.5m	111
97-1	3.0m	1156
97-6	1.5m	363
97-7	1.5m	1754
97-8	1.0m	311
97-9	1.0m	1545

094042

Dwg (1)

EAGLE PLAINS RESOURCES LTD.
MINER RIVER RESOURCES LTD.

DRAG CLAIMS

Property Map

Graham Davidson, Consulting Geologist

SCALE: 1 : 5,000	FILE: 244a_6 xref 244a	DATE: 97.12.01
NTS: 105 J/12	DRAWN:	FIGURE 6