GEOLOGICAL REPORT

for the

EROS Property
PELLY MOUNTAIN PROJECT
EROS 1- 14 Claims
Watson Lake Mining Division, Southcentral Yukon Territory
Mapsheet 105-F-09
Latitude 61° 36' N /Longitude 132° 23' W
NTS 6832001 N / 638000 E

Prepared for:

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SEPTEMBER 30 2002

YUKON E... & RESO... P.O. Box 2... Whitehorse... Y1A 2C8

Costs associated with this report have been approved in the amount of $ 6400 –
for assessment credit under Certificate of Work No. QL 25607

[signature]

Mining Recorder
Watson Lake Mining District

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SUMMARY

The EROS property consists of 14 units located in the McConnell / Ketza River area of the Yukon Territories, approximately 40 km south of Ross River in the Watson Lake Mining district. The claims are centered at Latitude 61° 36' N /Longitude 132° 21' W; NTS 6832001 N / 638000 E and are owned 100% by Eagle Plains Resources Ltd.

The claims overlie Mississippian aged intermediate to felsic volcanic rocks and similar aged sediments of the Pelly Mountain Volcanic Belt. The stratigraphy includes pyritic trachyte, pyritic lapilli tuffs, crystal tuffs, and volcaniclastic debris flows and is thought to be correlative to the stratigraphy at Eagle Plains Resources Fire/Ice property as well as the nearby Wolf and MM VMS exhalitive type base metal deposits. Geological fieldwork by past operators on the property identified favorable stratigraphy and mineralization associated with Volcanogenic Massive Sulphide (VMS) deposits including a lead - copper - gold - silver soil geochemical anomaly associated with an extensive ferricrete - gossan zone.

The 2002 Eagle Plains Resources field program focused on geological mapping, silt and soil geochemical sampling, sampling of old trenches, and prospecting. The program was very successful, with the identification of several areas underlain by favourable stratigraphy (submarine volcanism, intensely altered felsic volcanics and locally associated fine-grained clastic sedimentary rocks that would be conducive to preservation of sulphides deposited on the sea floor) which also have strongly anomalous VMS-type geochemical signatures. Eagle Plains Resources staked a further 10 Quartz claims contiguous with the established property boundary to cover prospective stratigraphy in the area.

The EROS claims have high potential to host a large VMS type base and precious metal deposit. Based on the results of work to date further work is recommended to continue to define prospective host stratigraphy using geochemistry, mapping, and airborne geophysics with follow-up diamond drilling. A budget for the proposed work is included with this report.

The total cost of the 2002 geological exploration work on the EROS properties was $31,820.78

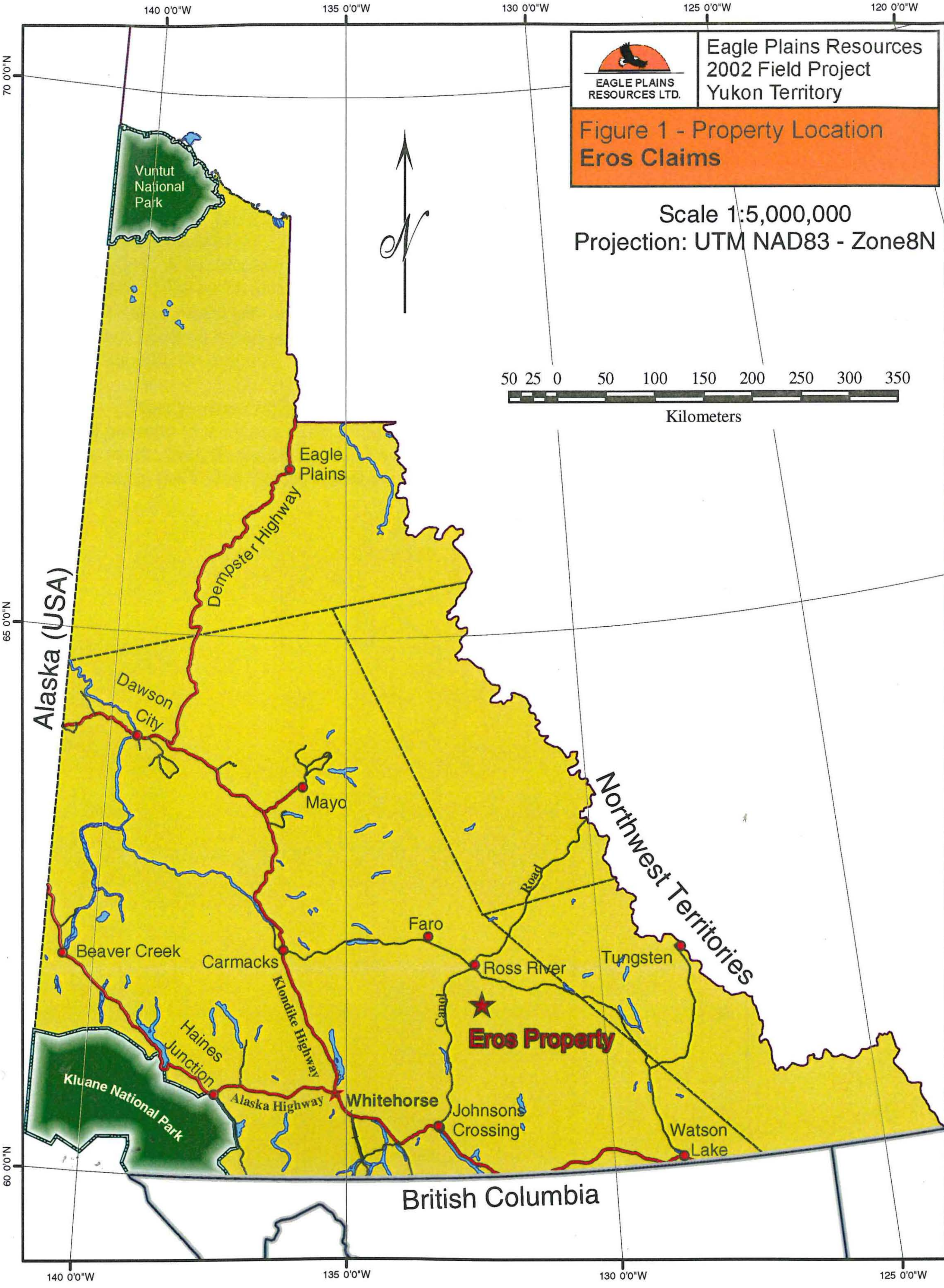
LOCATION AND ACCESS (Fig.1, following page)

The EROS property is located in the south-central Yukon Territory between the Ketza River and McConnell River drainages, centered at approximately Latitude 61° 36' N /Longitude 132° 21' W; NTS 6832001 N / 633500 E. Access to the property is by helicopter, with the nearest base in Ross River approximately 35 km north of the property boundary. Gear and personnel mobilization can be carried out from the Ketza River Mine road located approximately 8 km east of the property boundary. There is also an established cat road - exploration trail that links the property with the Ketza River mine road to east. The claims cover alpine to subalpine terrain within the St. Cyr Range of the Pelly Mountains. Elevations on the claims range from 1150 to 2001 meters, with topography ranging from moderate to very steep. Outcrop exposure is 10 – 20 % with a thin veneer of colluvium or talus typically developed.

TENURE (Fig. 2, following page 6; Appendix V)

The property consists of 14 Quartz claims located on the Cloutier Creek map sheet within the Watson Lake Mining District. The EROS claim block is contiguous with Eagle Plains Resources FIRE/ICE property to the west. The claims are owned 100% by Eagle Plains Resources Ltd., with an underlying 1% NSR carried by Bernie Kreft of Whitehorse, Yukon.

Claim Name	Tenure Number	Mapsheet	Expiry Date
EROS 1-4	YB93599-602	105F09	2006/02/11
EROS 5-14	YB93802-811	105F09	2006/08/23
TOTAL: 14 units			



Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 1 - Property Location
Eros Claims
Scale 1:5,000,000
Projection: UTM NAD83 - Zone8N
N
50 25 0 50 100 150 200 250 300 350
Kilometers
140 0'0"W
135 0'0"W
130 0'0"W
125 0'0"W
120 0'0"W
70 0'0"N
65 0'0"N
60 0'0"N
Vuntut National Park
Eagle Plains
Dempster Highway
Alaska (USA)
Dawson City
Mayo
Northwest Territories
Road
Faro
Beaver Creek
Carmacks
Ross River
Tungsten
Klondike Highway
Canol
Eros Property
Haines Junction
Kluane National Park
Alaska Highway
Whitehorse
Johnsons Crossing
Watson Lake
British Columbia

HISTORY AND PREVIOUS WORK

The EROS property area was staked in 1976 by a joint venture between Cyprus Anvil and Hudson's Bay Oil and Gas. Cyprus and Hudson's Bay explored with geochem and EM surveys in 1977, and drilled a single vertical diamond drill hole (267.9m) in 1978. The claims were restaked as the Eve in December 1986 by Mountain Province Mining Inc., which undertook mapping, geochem sampling and geophysics in 1987, 1988 and 1989. In 1993 Mountain Province re-examined the drillcore from the 1978 program and concluded that the mineralized zone may have been mistaken for overburden and was neither recovered or sampled. A larger claim holding including the EROS showing area was restaked as the Wild 1-36 in October 1994 by Mountain Province. Mountain Province carried out a geochemical sampling program in 1996 that covered part of the EROS claims. The current EROS 1-4 claims were staked in February 2002 by Bernie Kreft on behalf of Eagle Plains Resources, and another 10 EROS claims were added by Eagle Plains during 2002 fieldwork.

Other physical work on the property includes a number of trenches as well as a cat road that connects the property to the Ketza River Mine road to the east. It is not known when this work was undertaken and the results from the trenching are also unknown. It is believed that this work was never filed and does appear in the Yukon Geology database.

GEOLOGY

Regional Geology

The volcano-sedimentary rocks which host the Wolf and MM deposits as well as Eagle Plains Resources EROS and FIRE/ICE/ MELT claims form a narrow arcuate belt that extends 80 kilometres along a northwesterly trend within the Pelly Mountains of the southwestern Yukon (Fig. 1). These rocks have been termed the Pelly Mountain Volcanic Belt (PMVB) by Hunt (1999) and are characterized by high potassium content and, locally, bedded barite and volcanogenic massive sulphide deposits and showings. The PMVB is early to middle Paleozoic in age and occurs within the Pelly-Cassiar Platform, considered to be part of ancestral North America (Templeman-Kluit, 1977). The tectonic framework for the Pelly Mountains area is described by Gabrielse and Yorath (1991), Templemen-Kluit and Blusson, (1977) and Gordey (1977) and is summarized below.

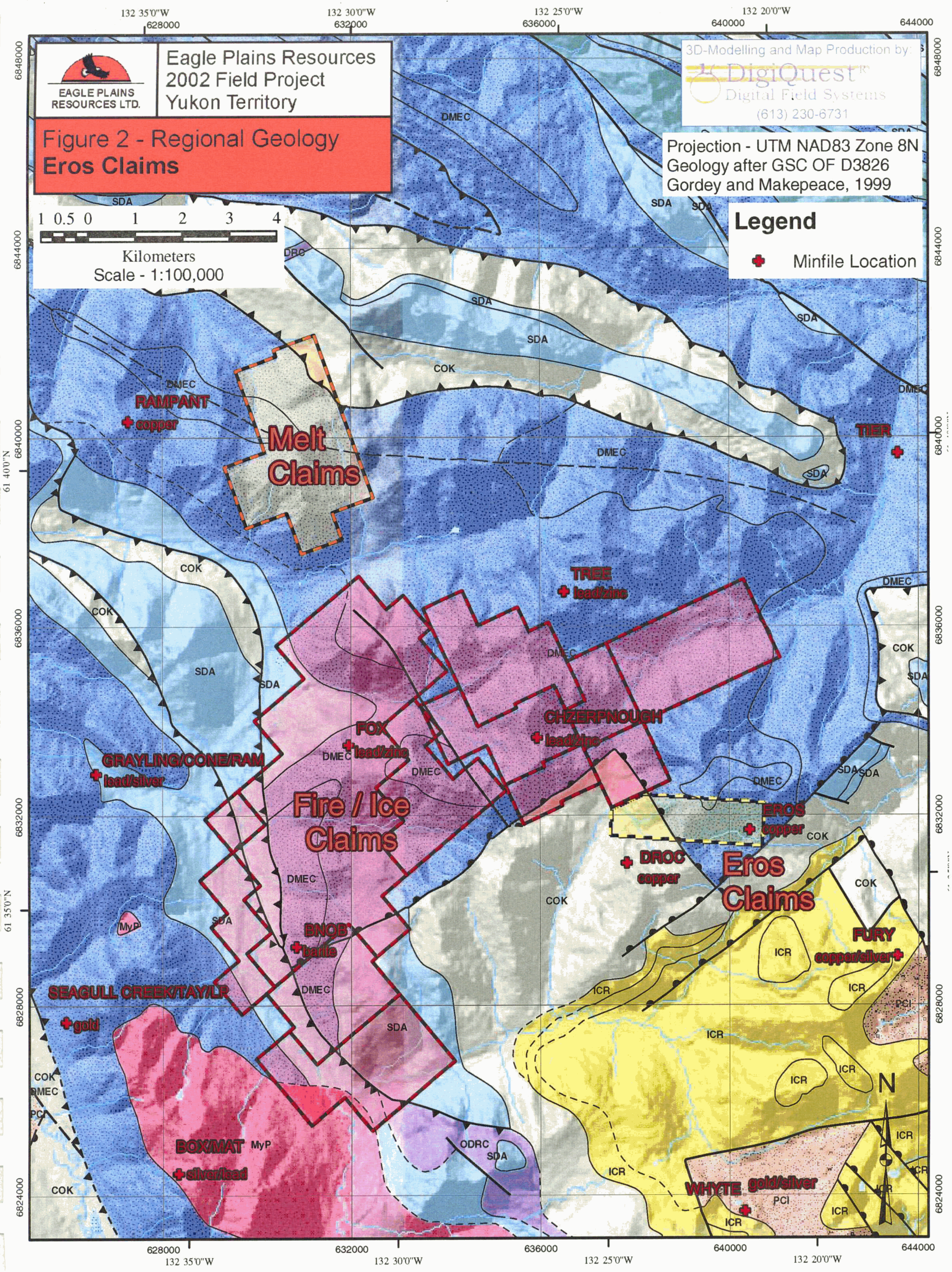
The miogeoclinal sequence and related rocks which underlie much of the Pelly Mountains are part of a large area about 70km wide and 600km long that is referred to as the Pelly-Cassiar Platform (PCP). The PCP formed slightly outboard of, but parallel to the craton edge and consisted of a thick accumulation of volcanic rocks and related sediments upon which shallow water sedimentation, predominantly carbonate, took place until late Devonian time. To the northeast of the PCP during late Proterozoic through to Silurian time, a sequence of shallow water carbonates, tuffaceous shale and andesitic rocks were deposited on the western edge of ancestral North America in the Selwyn Basin and, to the south, in the Kechika Trough.

During late Devonian to Mississippian time, shale, greywacke, and chert pebble conglomerate was deposited over much of the PCP and Selwyn Basin. These rocks were derived from a westerly source, or from locally uplifted parts of the PCP. Felsic igneous activity, including intrusion and volcanism, occurred locally within the PCP, possibly within rifts or graben-like structures created by variable uplift and block faulting within the platformal rocks. Sedimentation resumed within PCP sub-basins during the Upper Triassic.

Deformation of the Paleozoic rocks took place post-Late Triassic and consisted of compression and/or transpression along a northeasterly axis which resulted in northwesterly trending and northeasterly verging folds and southwesterly dipping thrust faults. The Anvil-Campbell allochthon, part of the Omineca Crystalline belt, was emplaced during this event as a large thrust-sheet and is now preserved as local klippen on mountain ridges. An anastomosing system of steeply dipping, strike-slip faults related to movement along the northwesterly trending Tintina Fault cuts the folds and thrust faults and extends for up to 20 kilometres southwest of the Tintina Trench. Late normal faults cross-cut earlier structures and divide the region into a number of panels which commonly represent different structural levels. Cretaceous intrusions develop thermal and structural aureoles in the western part of the Pelly Mountains. Metamorphism and degree of deformation varies from block to block but generally increases in a westerly direction and varies from lower to upper greenschist facies.

The Pelly Mountains Volcanic Belt is composed of localized volcanic centres separated by basins in-filled with sediments and volcaniclastic rocks. Associated with these volcanic rocks are at least two VMS deposits (the Wolf and the MM) and a number of historical showings, including the Chzerpnough (FIRE claims), the BNOB (ICE claims) and the EROS.

The volcanic rocks are predominantly felsic, but in some areas significant accumulations of andesite to basalt occur. The most common feature of the belt are flows, epi-zonal sills, and small plugs of trachyte.



Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 2 - Regional Geology
Eros Claims
3D-Modelling and Map Production by:
DigiQuest
Digital Field Systems
(613) 230-6731
Projection - UTM NAD83 Zone 8N
Geology after GSC OF D3826
Gordey and Makepeace, 1999
Legend
Minfile Location
1 0.5 0 1 2 3 4
Kilometers
Scale - 1:100,000
132 35'0"W
132 30'0"W
132 25'0"W
132 20'0"W
61 40'0"N
61 35'0"N
628000
632000
636000
640000
644000
6848000
6844000
6840000
6836000
6832000
6828000
6824000
Melt Claims
Fire / Ice Claims
Eros Claims
RAMPANT copper
TIER
TREE lead/zinc
FOX lead/zinc
CHZERPNOUGH lead/zinc
GRAYLING/CONE/RAM lead/silver
EROS copper
DROC copper
BNOB barite
FURY copper/silver
SEAGULL CREEK/TAY/LR
gold
BOX/MAT silver/lead
WHYTE gold/silver
DMEC
SDA
COK
DRC
ICR
PCI
MyP
ODRC
N

Figure 2 - Eros Regional Geology Legend
(after GSC OF D3826; Gordey and Makepeace, 1999)

QUATERNARY

Q: QUATERNARY
unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluviatile silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

TERTIARY(?) AND

TQS: SELKIRK
resistant, brown weathering, columnar jointed, vesicular to massive basalt flows; minor pillow basalt; basaltic tuff and breccia **(Selkirk Volcanics)**

LOWER TERTIARY, MOSTLY(?)

lTR: ROSS
mixed bimodal volcanics (basalt (1), rhyolite (2)) and terrestrial clastics (3), dominantly along or near Tintina Fault; farther removed, scattered occurrences of rhyolitic lava and dikes (4) are also included

MID-CRETACEOUS

mKC: CASSIAR SUITE
medium to coarse grained, equigranular to porphyritic rocks of largely felsic (q) composition; includes minor (?) amounts questionably of more intermediate composition (g)

mKS: SELWYN SUITE
plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

MISSISSIPPIAN

MyP: PELLY MOUNTAINS SUITE
resistant, massive, medium to fine grained equigranular syenite; magmatic hornblende replaced by actinolite, but K-feldspar is fresh perthite; gradational to trachyte; intrusive equivalents to felsic volcanics of the Earn assemblage

UPPER TRIASSIC

TrJC: JONES LAKE - CASSIAR
calcareous siltstone and shale, commonly finely cross laminated; dark grey and buff weathering, recessive, thin bedded locally bioclastic limestone and interbedded sandy or silty limestone

CARBONIFEROUS AND PERMIAN

CPA: ANVIL
dominantly oceanic assemblage of mafic volcanics (1), ultramafics (4), chert and pelite (2), limestone (3) and gabbroic rocks (5)

UPPER DEVONIAN TO LOWER MISSISSIPPIAN

DMEC: EARN - CASSIAR
consists upwards of dark clastic rocks (1) capped by tuffaceous chert (2) and felsic volcanic rocks (3), the chert and volcanics in part laterally equivalent; intrusive equivalents of the volcanics are the Pelly Mountains Suite

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

DMN: NASINA
graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)

MIDDLE SILURIAN TO MIDDLE DEVONIAN

SDA: ASKIN
platy dolomitic siltstone (1) overlain by dolostone and orthoquartzite (2) with rare volcanics (3)

CAMBRIAN TO DEVONIAN OR YOUNGER

CDS: ST. CYR
poorly understood, fine clastic and carbonate assemblage, (1) to (5), with only general similarities to equivalent strata elsewhere in Cassiar Mountains; overlain by strata typical of Earn, Tay and Jones Lake assemblages elsewhere

ORDOVICIAN TO DEVONIAN, LOCALLY ?MISSISSIPPIAN

ODRC: ROAD RIVER - CASSIAR
fine grained, graphitic clastics of dominantly Ordovician and Silurian age (1), but in places including Upper Silurian and Devonian equivalents (2)

UPPER CAMBRIAN AND LOWER ORDOVICIAN

COK: KECHIKA
basinal fine grained calcareous pelitic strata (1) with locally intercalated mafic volcanics (2)

LOWER CAMBRIAN

lCR: ROSELLA
resistant, thick bedded to massive, limestone and argillaceous limestone; local archaeocyathid buildups, trilobite fragments, oolites, and pisolites; pisolitic massive dolomite and limestone; marble, calc-silicate, calcareous phyllite and minor schist **(Rosella)**

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCI: INGENIKA
consists upwards of coarse quartzose clastics overlain by fine clastics (1), a marble horizon (2), and fine clastic strata (3); laterally equivalent similar fine clastics (4) are mostly (?) correlative to the upper part of this succession

The trachyte flows and/or sills are laterally very extensive, probably due to low magmatic viscosity caused in part by high alkali element content. Typically the trachyte contains significant amounts of pyrite which gives rise to extensive gossans. The trachytes are commonly cream coloured, with very fine to medium grained phenocrysts of feldspar and rare quartz and are locally massive, amygdaloidal or brecciated. Syenite intrusions have been noted at a number of locations within the PMVB (Mortensen, 1981; Morin, 1977) and are thought to be rounded plugs which represent volcanic feeders. Although they may still represent volcanic feeders, drill data from the Wolf and ICE properties indicates that the syenite intrusions are sills.

The structural and stratigraphic relationship of the Pelly Mountains Volcanic Belt with other parts of the Pelly-Cassiar Platform are not always clear. In the southern part in the belt near the Wolf deposit, the PMVB rocks are separated from platformal carbonates and associated sediments by thrust, and possibly, steeply dipping normal faults. In the northeastern most part of the belt, immediately northeast of Ketza River Mine site, the volcanic sequence is very thin (+/- 100m) and is overlain by chert and chert pebble conglomerate and underlain by shale. Both contacts appear conformable but are not well exposed.

The shale and conglomerate are considered age equivalent with the volcanic rocks that have been mapped in conformable relationships by Gordey (1977). On the FIRE (Chzerpnough) and Tree claim area, the PMVB appears to conformably overlie, and in places be intercalated with, a relatively thick sequence of shale and minor greywacke. Similarly on the Mamu property, adjacent to the McConnell River, volcanic rocks conformably overlie an extensive shale-greywacke sequence. On the ICE (BNOB) property, between the Tree-FIRE and Mamu properties, the volcanic rocks are surrounded by an argillite-limestone sequence that appears to be continuous with the shale-sequence of the FIRE property. Gordey (1977) describes a Siluro-Devonian assemblage of shallow water dolomite and platy siltstone which represent a stable marine carbonate bank environment, and are supposed basement for the PMVB. The Siluro-Devonian siltstones, however, are quartz bearing and tan weathering and do not seem to be a good match with the shale attached to the Pelly Mountain Volcanic rocks. Similarly, the younger Triassic sedimentary package has not been observed in contact with PMVB. Consequently, there is little or no contact information that gives a clear indication of the tectono-stratigraphic environment in which the PMVB was deposited other than the nature of the rocks within the belt itself.

The platformal setting on the continental margin, the high potassium geochemistry of the volcanic rocks, and the presence of bedded barite and volcanogenic massive sulphide deposits indicate that the Pelly Mountain Volcanic Belt was likely deposited in a continental rift-type environment (Mortensen and Godwin, 1982). The coarse volcanic debris flows that overlie the Wolf deposit indicate a high energy environment consistent with a graben type structure.

Property Geology (Fig. 5 following page)

Stratigraphy

The rocks exposed in the EROS property area are correlative to the stratigraphy on Eagle Plains Resources' FIRE/ICE/MELT claims which lie directly to the west. The volcanic rocks of the Pelly Mountains Volcanic Belt (PMVB) are bounded to the west by a fault, marked by the McConnell River. On the other three sides the volcanic rocks are bounded by underlying or overlying shale and argillite (+/- carbonate) that appear to be conformable and part of the PMVB, or the Devonian to Mississippian Black Clastic unit (Pigage, 1980), or the Upper Triassic assemblage of shale, siltstone and carbonate (Gordey, 1977).

Geologic mapping was conducted on the Eros claims, as well as to the north on the east side of Cloutier valley (Fig.5) for a total of four days. The main objective of the mapping project was to attempt to gain an understanding of the rocks on the Eros property and to correlate the Eros geology with that of the adjacent Fire, Ice and Melt properties to the west (Fig. 2).

Stratigraphy within the mapping area consists of a volcanic succession, several hundred meters in thickness, that is sandwiched between carbonaceous argillitic - graphitic phyllite and calcareous graphitic schist. The main volcanic package consists of a coarse upper unit (lithic lapilli tuff, agglomerate and matrix supported pebble conglomerate) and a finer grained lower unit (pyritiferous tuff and lapilli tuff, vesicular rhyolite flows). The two units are separated by a distinct dark red, matrix supported cobble to boulder breccia.

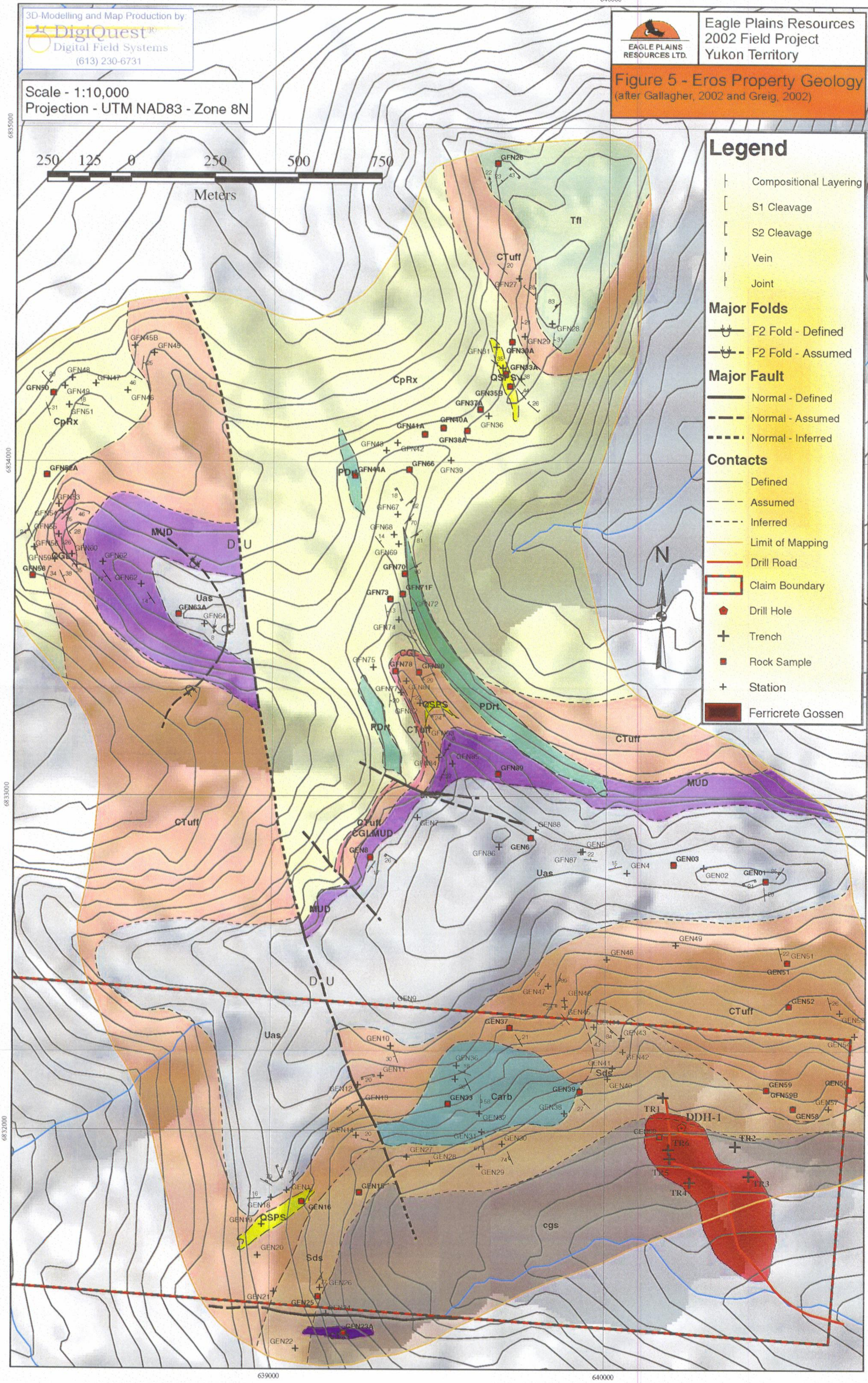
The majority of mineralization on the property is confined to the lower volcanic sequence and occurs as cm-scale pyrite nodules and lenses, disseminated fine-grained crystals, and discordant quartz-pyrite veins and veinlets within concordant alteration zones 5 to 10 meters thick. Disseminated pyrite is also present in silica / sericite alteration zones present within the upper volcanic sequence. Below are detailed descriptions of map units depicted on Fig. 5 of this report.

Medium-grained Diorite Dyke

A single discordant dyke, averaging ~ 30 in thickness was mapped in the south-western portion of the map area. The rock weathers medium-grey to rusty-red and has a classic diorite 'salt and pepper' fresh surface. It is blocky and resistant, medium- to coarse-grained and massive. The dyke cross-cuts the regional foliation and there is no evidence of a faulted contact – but it is parallel to a fault near by and the intrusion could be syn-kinematic with respect to development of the fault. The rock lacks any planar or linear fabrics and is interpreted to have intruded the country rock after regional ductile deformation took place.

Aphanitic to Very-Fine-Grained Porphyritic Diorite Dyke or Sill

This blocky, resistant, dark- to medium-grey / green rock intrudes the upper volcanic sequence of the Eros mapping area (Fig. 5). Contacts sharply cross-cut the regional compositional layering and cleavage (S_{T2}) and there is no evidence of a faulted contact. The contact may be marked by a slightly finer grained, grey, plagioclase phenocrystic chilled margin but there is no evidence of contact metamorphism. The rock is aphanitic to very fine grained and contains anhedral 2-3 mm plagioclase phenocrysts (5 – 10%) and locally trace chalcopyrite. Carbonate veins (10-cm scale) are abundant at higher structural levels. Contact relationships are consistent with the rock being a dyke rather than sill or flow. This unit is most likely



3D-Modelling and Map Production by:
DigiQuest
Digital Field Systems
(613) 230-6731
Scale - 1:10,000
Projection - UTM NAD83 - Zone 8N
250 125 0 250 500 750
Meters
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 5 - Eros Property Geology
(after Gallagher, 2002 and Greig, 2002)
Legend
Compositional Layering
S1 Cleavage
S2 Cleavage
Vein
Joint
Major Folds
F2 Fold - Defined
F2 Fold - Assumed
Major Fault
Normal - Defined
Normal - Assumed
Normal - Inferred
Contacts
Defined
Assumed
Inferred
Limit of Mapping
Drill Road
Claim Boundary
Drill Hole
Trench
Rock Sample
Station
Ferricrete Gossen
N
639000
640000
6835000
6834000
6833000
6832000
Tfl
CTuff
CpRx
MUD
Uas
PDrt
QSPS
Carb
Sds
cgs
DDH-1
TR1
TR2
TR3
TR4
TR5

Figure 5 - Eros Geologic Legend
(after Gallagher 2002 and Greig, 2002)

MIDDLE TO LATE PROTEROZOIC

Intrusive

CDrt	**Medium-Grained Diorite Dyke**
PDrt	**Aphanitic to Very-Fine-Grained Porphyritic Diorite Dyke or Sill**

Volcanic / Sedimentary

Uas	**Upper Argillaceous Sequence -** dark-black to dark-red argillite and chert; dark-black phyllite; minor buff siltstone and / or reworked tuff
MUD	**Sedimentary Rock Undivided -** light to dark grey, well bedded mudstone interbedded with minor light-red calcareous sandstone / reworked medium-grained tuffs
CpRx	**Tuff and Lapilli Tuff -** reddish-green, light yellow and mauve pyritic tuff and lapilli tuff; minor tuffaceous siltstone; minor columnar jointed or versicular felsic flows / dykes
QSPS	**Quart-Sericite-Pyrite Schist or Phyllite - buff** to yellow to rusty orange weathering fine-grained altered tuff, lapilli tuff and minor vesicular flows
CGL	**Matrix supported, polymictic, pebble to boulder conglomerate and breccia -** grades to local framework supported pebble conglomerate; minor blood red pyritiferous sandstone and mudstone
CTuff	**Coarse Tuff and Lithic Lapilli Tuff -** buff, light-grey or light-red lithic non-pyritiferous tuffs grading to minor pebble conglomerate
Tfl	**Thin Intermediate Flow Unit -** light green-grey, thin-bedded intermediate flows (commonly pillowed and vesicular) interlayered with cm-scale calcareous mudstone and mudstone; local m-scale debris flows

EARLY TO MIDDLE PROTEROZOIC

Carb	**Carbonate sedimentary rocks (Undivided) -** limestone (locally pyritiferous); limey siltstone; calcareous, flaggy weathering sandstone; and minor mudstone
Sds	**Clastic sediments -** buff to light-grey, very-fine-grained, massive carbonaceous sandstone and minor possible metapsammite / intermediate volcanics (?)
cgs	**Lower Argillite Sequence -** thin-bedded, dark grey to black, commonly phyllitic; locally includes dolostone and dolomitic quartzite - Correlative with Greig, 2002 (??)

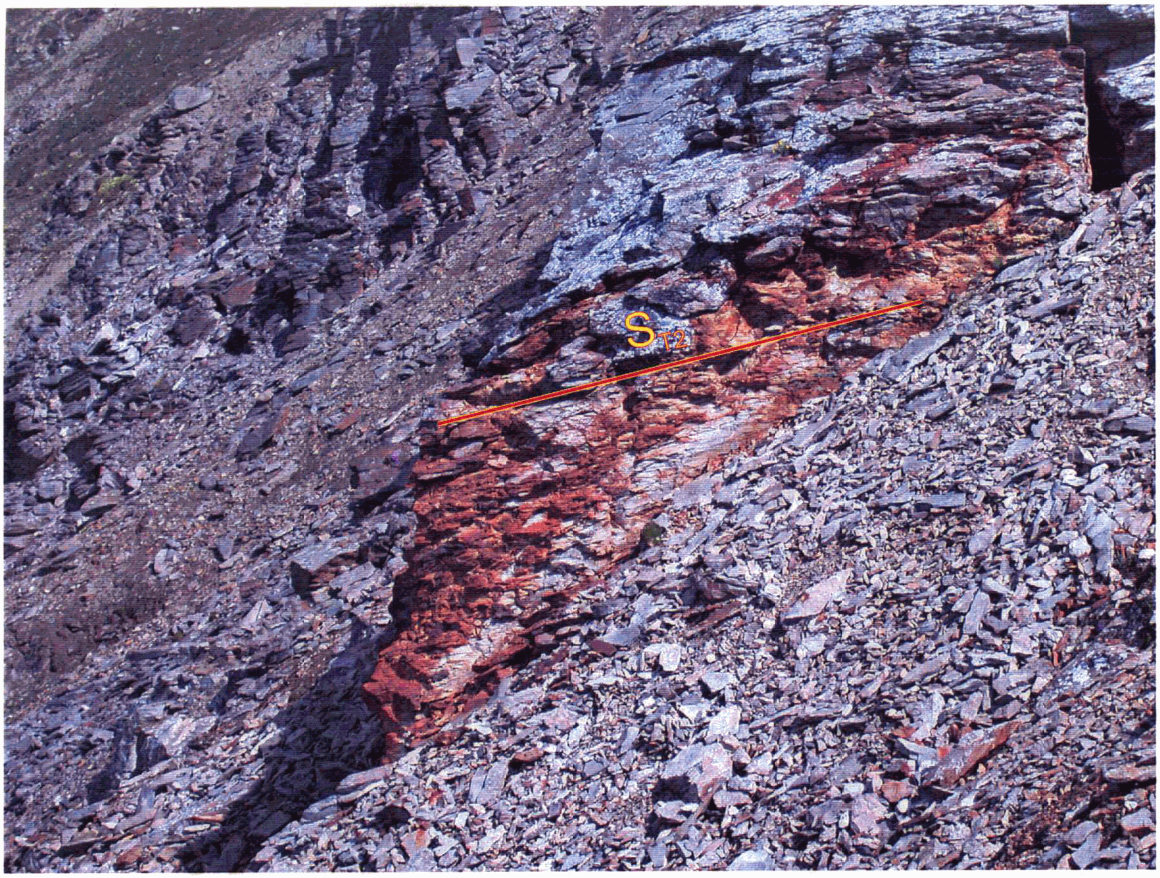


Plate 1 - View looking north at highly-altered quartz-sericite-pyrite schist within the lower volcanic sequence. Outcrop height is approx 7m

Plate 2 - Close-up of characteristic mineralization in the quartz-sericite altered tuffs. Both concordant cm-scale lenses and discordant pyrite mineralized viens are depicted.

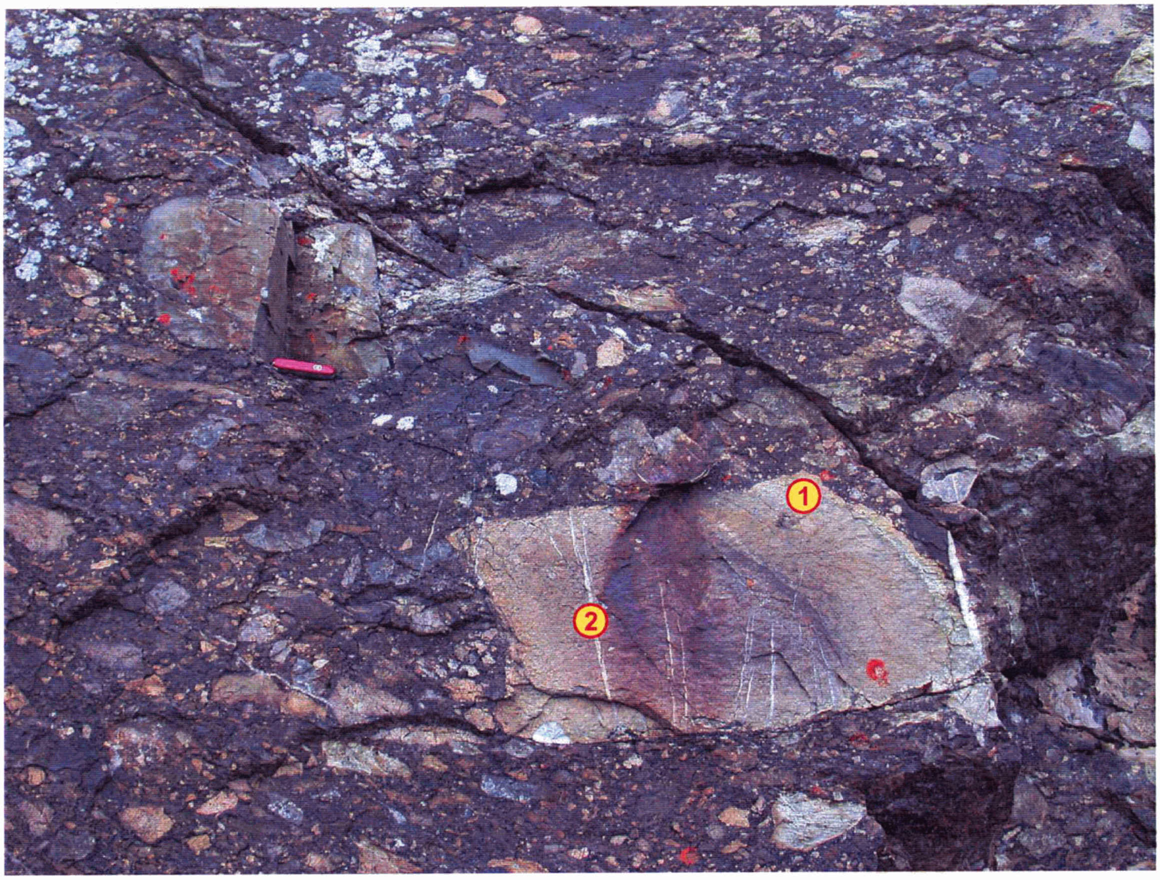


Plate 3 - View looking east at the polymicitc, matrix-supported boulder breccia. Note alteration rims (1) and carbonate infilled tension gashes (2) in clasts.

Plate 4 - View looking north at transposed, flaggy weathering, bedded, lithic lapilli tuff of the upper volcanic sequence.

correlative with the Diorite or Basalt dykes and / or flows, mapped by Greig, 2002, west of the headwaters of Cloutier Creek.

Upper Argillaceous Sequence

This resistive, distinct, unit is the structurally highest unit in the map area and consists of dark black to dark red argillite, phyllite and minor chert (?), interbedded on the decimeter-scale with buff siltstone and / or calcareous reworked fine-grained felsic tuff. The fine- to very-fine grained unit is of unknown thickness and weathers dark red to black. The rocks have a blocky fracture pattern, but some very-fine-grained rocks commonly display conchoidal fracturing. Locally pyritiferous limestone and dark black phyllites with distinctive bright orange carbonate veinlets are the dominant rock type. Contact relationships with underlying rocks could not be established. This unit is thought to correlate with units 1 and 2 of on the Fire, Ice and Melt properties (Downie, 2001; Greig, 2002).

Sedimentary Rocks Undivided

Light to dark grey, well bedded mudstones interbedded with minor light red calcareous sandstone / reworked medium-grained tuffs averaging 20 – 30 meters in thickness. Unit commonly contains 50 cm thick boudinaged carbonate layers. The calcareous sandstone and reworked tuffs locally display dewatering structures. This unit does not appear to be correlative with any of the major units mapped on the Fire / Ice / Melt claims to the west. Upper and lower contact relationships could not be determined.

Thin Intermediate Flow Unit

This unit, of unknown thickness, sits structurally above the upper volcanic sequence in the north eastern corner of the map area (Fig. 5). Rocks are light green-grey, thin-bedded, intermediate flows (commonly pillowed and vesicular) interlayered with cm-scale calcareous mudstone. The fine-grained rocks are chlorite rich (greenschist grade) and are quite soft and recessive. At higher structural levels debris flows, several meters in thickness, are observed. Upper contact relationships were not observed; the contact with underlying undivided sedimentary rocks is sharp.

Upper Volcanic Sequence – <u>Coarse Lapilli Tuff and Lithic Lapilli Tuff</u>

In general the upper volcanic sequence is much coarser grained than the structurally lower volcanic rocks and consists of buff, light-grey or light-red, heterolithic felsic tuffs and agglomerate (Plate 4). The thickness of the unit varies, with an average thickness of 40 meters and a maximum of 70 meters. The rocks typically display a strong anastomosing texture and flaggy weathering; lapilli or lithic fragments average 2 – 3 cm in length (long axis) and reach a maximum diameter of 10 cm. Locally the rocks grade into framework supported polymictic conglomerate. Although minor pyrite mineralization is documented the rocks are not diagnostically pyritiferous. Several thin stratiform alteration lenses consisting of quartz-sericite-pyrite schist (altered felsic tuff and lapilli tuff) have been mapped in this unit.

<u>Matrix supported, polymictic, pebble to boulder conglomerate and breccia</u>

This thin (10 – 15 meter thick), distinct rock unit typically lies between the upper and lower volcanic sequences but has also been mapped as lenses in the upper volcanic sequence (Fig. 5). It is typically a dark-red matrix supported polymictic pebble to boulder conglomerate or breccia that grades to local framework supported pebble conglomerate (Plate 3). Clasts commonly display alteration or reaction rims and infilled tension gashes consistent with deposition in a proximal volcanic environment (extreme elevated temperatures). Structurally above the conglomerate lies a ~ 0.5 meter distinct blood red pyritiferous fine-grained sandstone.

Lower Volcanic Sequence - Tuff, Lapilli Tuff, Altered Tuff

This sequence consists mainly of reddish-green, light yellow and mauve, flaggy weathering, pyritic intermediate to felsic tuff and lapilli tuff with a thickness of ~ 60 meters. The tuffs are commonly pyritiferous with cm-scale disseminated pyrite nodules and contain light orange carbonate blebs making up 5 – 10% of the rock. Relict, mm-scale, sub-angular quartz phenocrysts are also characteristic of the tuffs. Locally the tuffs contain cm-scale, black argillite lithic chips or fragments. At the upper structural levels of this unit are 10 to 20 meter thick succession of buff to rusty red weathering tuffaceous siltstone and sandstone that exhibits nice cross-bedding. Also locally present in this unit, and spatially related to silica alteration and pyrite mineralization, are 2 – 3 meter thick light grey, locally vesicular or amygdaloidal, columnar jointed rhyolite to rhyodacite flows. Amygdules are filled with light orange carbonate, quartz, or quartz-pyrite.

Quartz-Sericite-Pyrite Schist or Phyllite

This highly altered (quartz / sericite) unit is locally present in both the upper and lower volcanic sequences as 5 to 10 meter thick buff to yellow to rusty orange weathering fine-grained altered tuff and lapilli tuff (Plate 1). The recessive rock is fine-grained sericite-pyrite schist with mm-scale quartz phenocrysts (sub-angular). Mineralization occurs as fine-grained disseminated pyrite, concordant pyrite nodules or lenses (2 – 5 cm thick and 10 – 20 cm in length; Plate 2) and as discordant, undeformed (?) cm-scale quartz-pyrite veins and veinlets (Plate 2). The pyrite lenses have also been deformed by at least one tight to isoclinal folding event (D_2).

Carbonate sedimentary rocks (Undivided)

This poorly exposed unit to the south of the map area (Fig. 5) consists of limestone (locally pyritiferous); limey siltstone; calcareous, flaggy weathering sandstone; and minor mudstone. Rocks typically weather dark-grey, light-grey or greenish-grey and are massive and fine to medium grained. They are locally pyritiferous containing fine-grained disseminated subhedral pyrite. Contact relationships between this unit and above and below lying units remains unknown.

Clastic sediments

Another poorly exposed map unit south of the carbonaceous sediments (Fig.5) that averages a thickness of ~ 15 meters. Rocks consist of buff to light-grey, very-fine-grained, massive carbonaceous sandstone or possible metapsammite / intermediate volcanics (?). The actual protolith of this rock is difficult to determine without assessing modal mineralogy (for example, thin-section work). The rock is quite resistant and typically massive with a blocky fracturing pattern. Rock contains ~10% irregular disseminated mm-scale orange to rusty red carbonate blebs. Contact relationships remain unknown.

Lower Argillite Sequence

This rock unit was encountered only at one station on the last day of mapping. It is a thin-bedded, dark-grey to black, carbonaceous phyllite or schist with distinctive bright orange veinlets. It is similar to some of the upper argillic sequence rocks possibly reflecting structural repetition. The thickness of the unit is unknown as are the contact relationships with other map units.

Structure

It is evident that the rocks of the Eros claim group have undergone polyphase deformation consisting of three ductile folding events and at least one brittle event. They record a significant amount of strain and have been transposed by at least two isoclinal folding events. As a result, a composite transposition foliation has developed consisting of primary compositional layering (S_0), a penetrative cleavage axial planar to F_1 folds (S_1), and a penetrative cleavage axial planar to F_2 folds (S_2). This composite transposition foliation, S_{T2}, is the dominant foliation present on the property (Plates 1,2 and 4). Similar composite fabric relationships have been observed on the Fire / Ice / Melt properties (Greig, 2002).

Three generations of small scale (cm to meter amplitude) folds are documented in the map area. The oldest folds appear to be rare, mm- to cm-scale, rootless, isoclinal F_1 folds that fold S_0 compositional layering. More common are cm to decimeter tight to isoclinal F_2 folds that fold S_0 compositional layering and S_1 axial planar cleavage. F_2 folds are gently dipping to the south-west or north-east and are typically recumbent. F_3 folds are quite rare, but are preserved as open upright asymmetrical folds in phyllosilicate rich rock types. One large -scale (F_2 ?) fold hinge was mapped in the upper argillaceous unit (Fig. 5); the fold hinge plunges gently to the south-south-west and the axial surface dips gently to the south-west.

Late brittle or possible brittle / ductile faulting is common and plays an important role in the distribution of rocks in the area as faults can be seen offsetting lithologic units in the area by 10 to 15 meters. Two joint sets, best observed in competent lithologies, are present; one set in the northern portion of the map area are near-vertical and strike north-east / south-west and another set consistently dips moderately to the south west in the south (Fig. 5). A well developed, coarse-grained quartz-carbonate vein set is also parallel to the joint system in the north. One large fault is interpreted to significantly off-set map units (Fig. 5) and is assumed to be a near vertical north-west / south-east striking normal fault with south-west side down offset. This fault is parallel to more significant regional faults in the area (Fig 2).

Fabric relationships and large-scale fold geometries are consistent with that of the FIM properties (Greig, 2002) and it appears that Eros rocks, at least in part, share a similar structural history with those of to the west. The style of polydeformation in the area is also strikingly similar to that of other areas in the Yukon-Tanana Terrane (Morin, 1977; de Keijzer, Williams and Brown, 1999; Gallagher, 1999). The polyphase deformation history (along with the heterogeneous nature of proximal volcanics) is most likely responsible for the apparent complex distribution of distinctive rock units in local areas – such as the BNOB (Greig, 2002). Mapping of minor fold vergences in areas of local interest would be required to confirm this hypothesis. Detailed analysis of the timing relationships of the polydeformation events in the area would require further data collection for structural analysis and thin section work to confirm fabric relationships.

Alteration and Mineralization

The style of alteration (silicification, sericitization, and possibly pyritization) and mineralization is consistent with that of the Fire / Ice and Melt claims (Morin, 1977; Downie, 2001; Greig, 2002; Hunt, 2002) and is also considered implicative of a VMS alteration environment (Mortensen and Godwin, 1982). Alteration is typically stratabound, being parallel to the S_{T2} regional transposition foliation. S_{T2} is well developed in the soft, recessive, sericitized metatuffs suggesting that alteration predates at least the second transposition event. These observations are consistent with the conclusions of Greig, 2002 that alteration was more or less penecontemporaneous with deposition of volcanic and volcaniclastic rocks at the Fire / Ice / Melt properties.

In general, mineralization appears to be contained within one of two rock types: pyritic, massive aphanitic vesicular or amygdaloidal, columnar jointed rhyolite flows and sills; or quartz-sericite-pyrite altered rhyodacite / rhyolite tuff and lapilli tuff. Mineralization occurs as disseminated pyrite (up to 8%), as cm-scale discontinuous concordant lenses within the altered tuffs and lapilli tuffs (Plate 2), discordant cm-scale quartz-pyrite veins and veinlets or as quartz-pyrite filled amygdules in rhyolitic flows.

Ferricrete / Gossan Zone

The ferricrete / gossan zone is located in the area of the Eros 1-4 claims. The zone consists of iron oxide cement supporting fragments and chips of quartz, shale, limestone and volcanics and is associated with a pronounced lead – copper – silver – gold soil geochemical anomaly. The dimensions of the gossan area are approximately 350 meters by 150 meters.

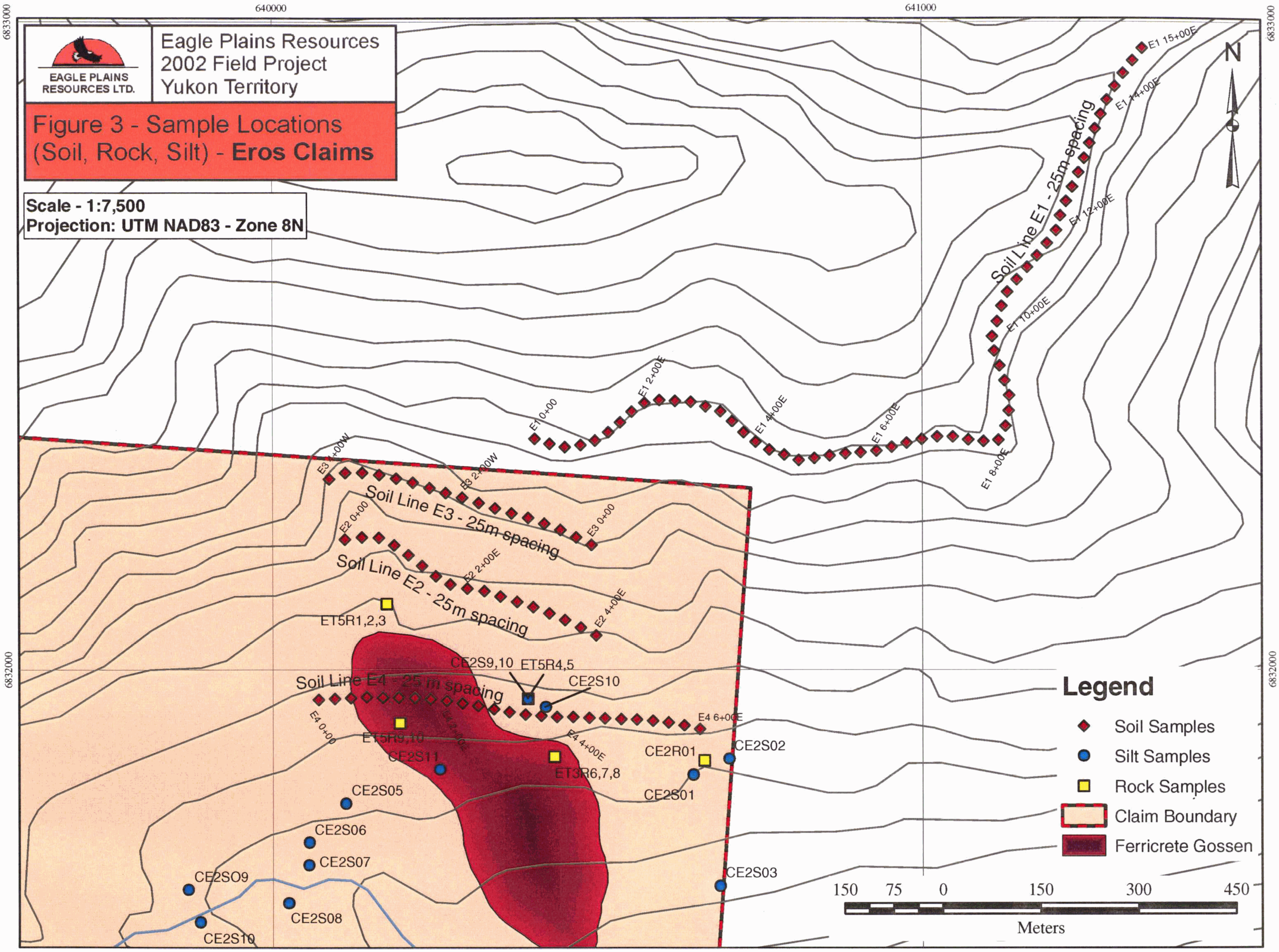
2002 WORK PROGRAM (Fig. 3 following page)

Eagle Plains Resources 2002 work program consisted of soil, silt and rock sampling, and geological mapping. A total of 12 rock samples, 118 soil samples and 13 silt samples were collected, with 1:10000 scale geological mapping traverses over approximately 10 square kilometers. Four contour soil lines were run along the northeastern corner of the property at 25 meter spacing between samples. Hand-held GPS units were used to record sample locations and for mapping control. The data was compiled into a GIS type database, part of which was used to produce the figures in this report. As part of the program, drillcore from the 1978 Cypress Anvil diamond drillhole was examined by the authors at the core library in Whitehorse. Field crews were stationed in Ross River and mobilized to the property using a Trans North Helicopters Bell 206. Eagle Plains staked another 10 Quartz claims contiguous with the property boundary to cover prospective stratigraphy identified by 2002 work and to connect the EROS claims to the FIRE / ICE property.

The samples were shipped to Acme Analytical Laboratories Ltd. in Vancouver, B.C. for analysis. The samples were analyzed for 30 element ICP using aqua-regia digestion, with all samples analyzed for gold. All samples were collected, handled, catalogued and prepared for shipment by Eagle Plains Resources staff.

All exploration, staking and reclamation work was carried out in accordance to the Yukon Quartz Mining Act.

Total 2002 exploration expenditures by Eagle Plains Resources on the EROS property was $31,820.78.



EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 3 - Sample Locations
(Soil, Rock, Silt) - Eros Claims
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
640000
641000
6833000
6832000
N
Soil Line E1 - 25m spacing
E1 15+00E
E1 14+00E
E1 12+00E
E1 10+00E
E1 8+00E
E1 6+00E
E1 4+00E
E1 2+00E
E1 0+00
Soil Line E3 - 25m spacing
E3 2+00W
E3 0+00
Soil Line E2 - 25m spacing
E2 0+00
E2 2+00E
E2 4+00E
Soil Line E4 - 25 m spacing
E4 0+00
E4 4+00E
E4 6+00E
ET5R1,2,3
CE2S9,10
ET5R4,5
CE2S10
ET5R9,10
CE2S11
ET3R6,7,8
CE2R01
CE2S02
CE2S01
CE2S05
CE2S06
CE2S07
CE2SO9
CE2S08
CE2S10
CE2S03
Legend
Soil Samples
Silt Samples
Rock Samples
Claim Boundary
Ferricrete Gossen
150
75
0
150
300
450
Meters

2001 PROGRAM RESULTS (Fig. 4a-Zn, 4b-Cu, 4c-Au, 4d-Hg, 4e-Ag, 4f-Pb – following; Appendix III)

Geochemistry

Soil

A total of 118 soil samples were collected on the EROS property. Lines E2, E3, and E4, located in the area of the ferricrete and gossan zone, all returned anomalous metal values and define a zone approximately 150m x 350m. All three lines returned strongly to moderately anomalous lead and silver values. The best samples were E2 0+75E (2140.6 ppm Pb / 19.9 ppm Ag), E3 2+25W (1482.1 ppm Pb / 21.8 ppm Ag), E4 3+00E (2827ppm Pb), E4 3+50E (6677 ppm Pb). The silver-lead anomaly is coincident with elevated mercury - copper – gold values. The highest mercury values were at E2 0+75E (4.64 ppm Hg), E3 2+25W (4.41 ppm Hg), E4 0+25E (5.04 ppm Hg). The highest copper – gold values were E4 1+00E (89.6 ppm Cu / 71.5 ppb Au), E4 1+75E (180.3 ppm Cu / 67.2 ppb Au). The highest gold value was collected at E4 1+25E (100 ppb Au). The single highest bismuth value was collected within this anomalous zone with sample E4 0+00E returning a value of 8.2 ppm.

Line E1 started near the northeastern corner of the property. Many of the samples along the line were anomalous in copper with the best values returned from the eastern end of the line. The elevated copper values are in part associated with elevated lead-zinc-arsenic-silver-gold values. The better samples include:

7+00E 133.8 ppm Cu
8+25E 702.1 ppm As / 1106 ppm Ba
11+50E 463.7 ppm Pb / 3983 ppm Zn
13+00E 250.6 ppm Cu / 1059 ppm Ba
13+25 E 8055.4 ppm Pb / 15.6 ppm Ag

Rock

A total of 12 rock samples were collected on the EROS property in the area of the historic trenches. All samples returned anomalous metal values including :

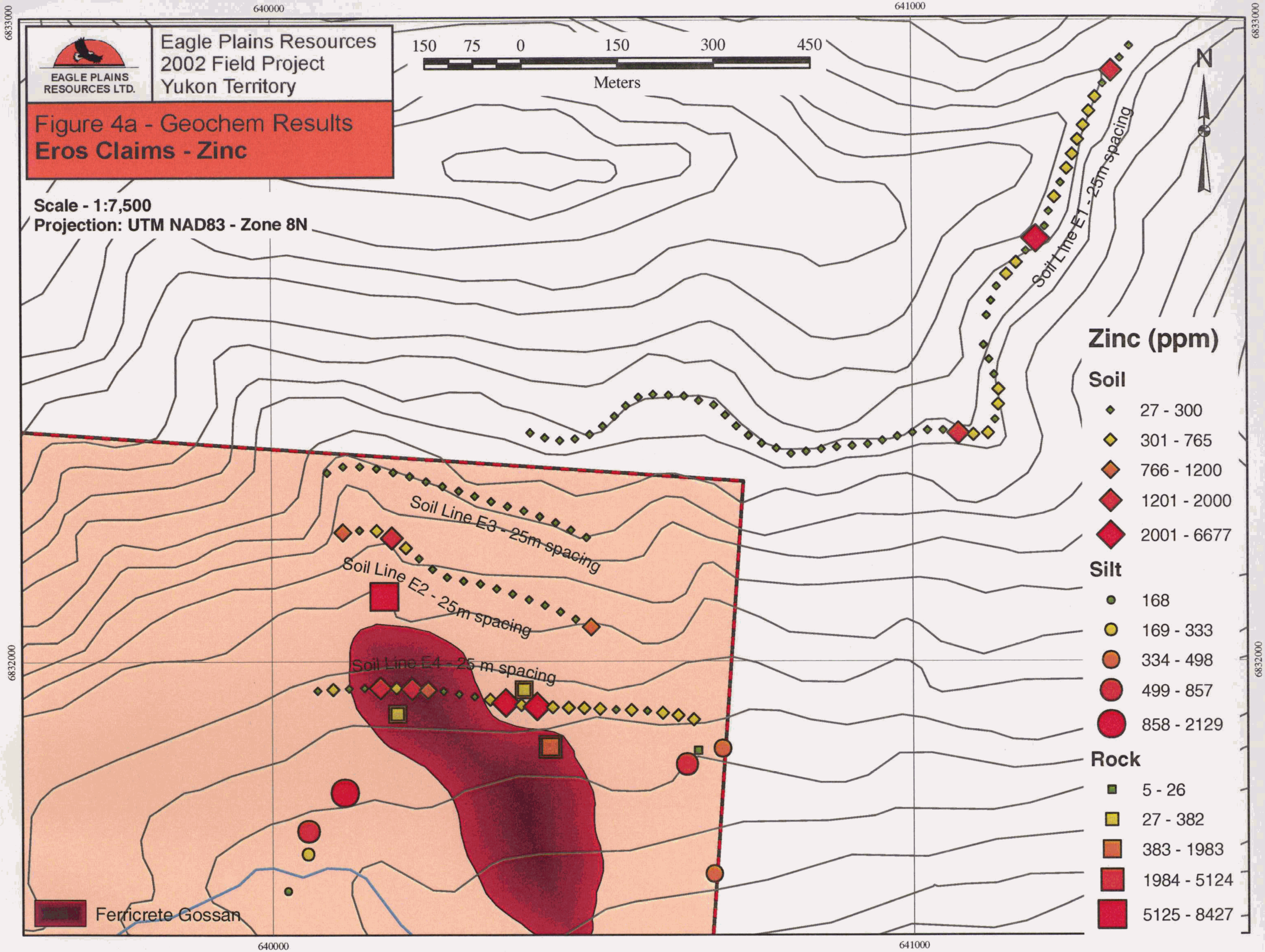
ET1R1 204 ppm Pb / 5124 ppm Zn / 5.3 ppm Ag
ET1R2 527 ppm Pb / 3500 ppm Zn / 8.1 ppm Ag / 1083 ppm Ba
ET1R3 8427 ppm Zn
ET5R9 711 ppm Pb / 1079 ppm Zn

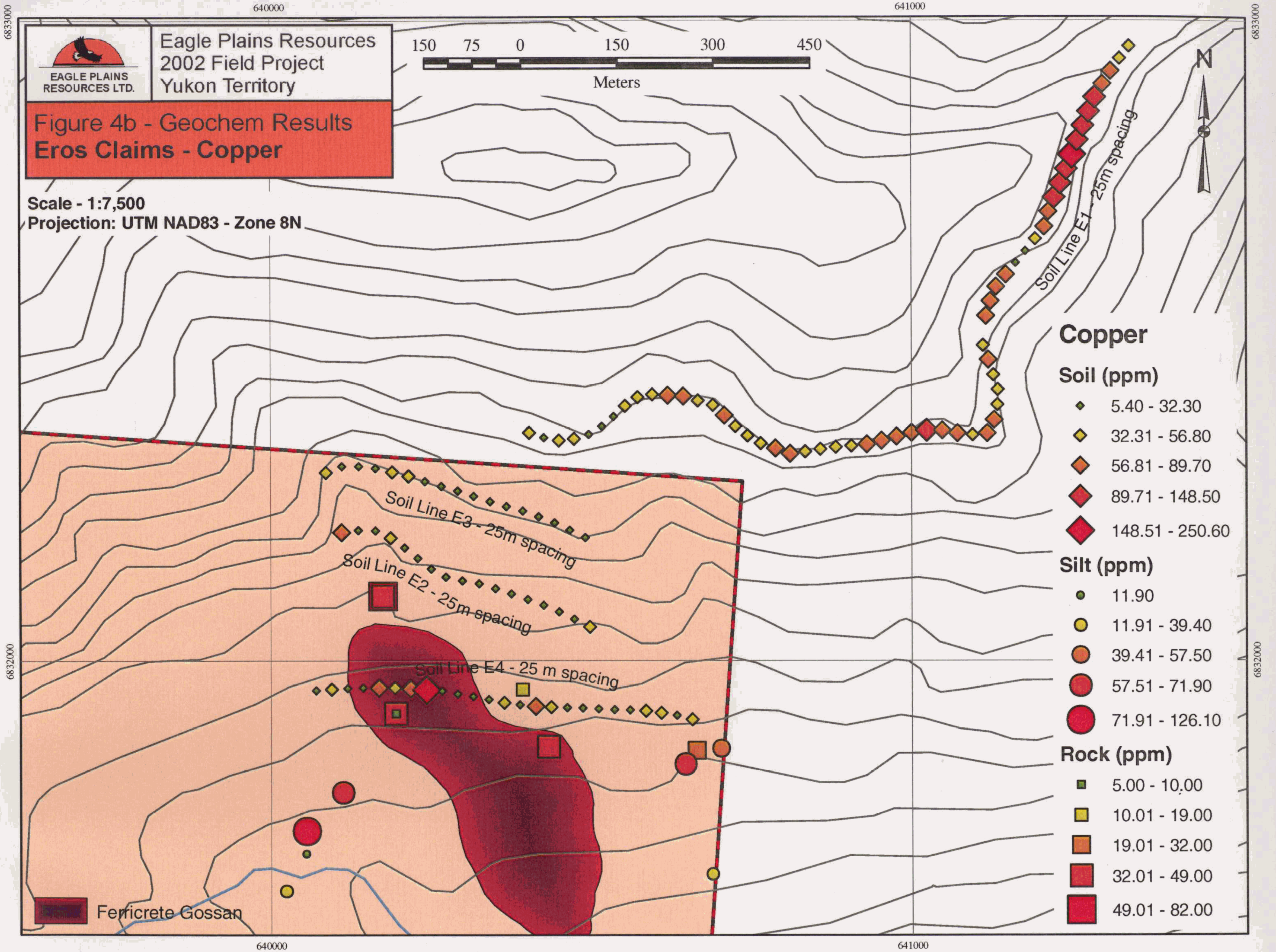
Silt

A total of 13 silt samples were collected on the property. Many of the samples were enriched in base and precious metals including CE2S11 which returned values of 117.8 ppm Cu / 10102 ppm Pb / 2913 ppm Zn / 9.3 ppm Ag, 39.8 ppb Au and 2.62 ppm Hg.

Core Library

As part of the 2002 program a day was spent at the Core Library in Whitehorse examining drillcore from a number of Pelly Mountain properties including the Cyprus Anvil 1978 diamond drillhole.


640000
641000
6833000
6832000
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 4a - Geochem Results
Eros Claims - Zinc
150 75 0 150 300 450
Meters
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
N
Soil Line E1 - 25m spacing
Soil Line E3 - 25m spacing
Soil Line E2 - 25m spacing
Soil Line E4 - 25 m spacing
Zinc (ppm)
Soil
27 - 300
301 - 765
766 - 1200
1201 - 2000
2001 - 6677
Silt
168
169 - 333
334 - 498
499 - 857
858 - 2129
Rock
5 - 26
27 - 382
383 - 1983
1984 - 5124
5125 - 8427
Ferricrete Gossan



640000
641000
6833000
6832000
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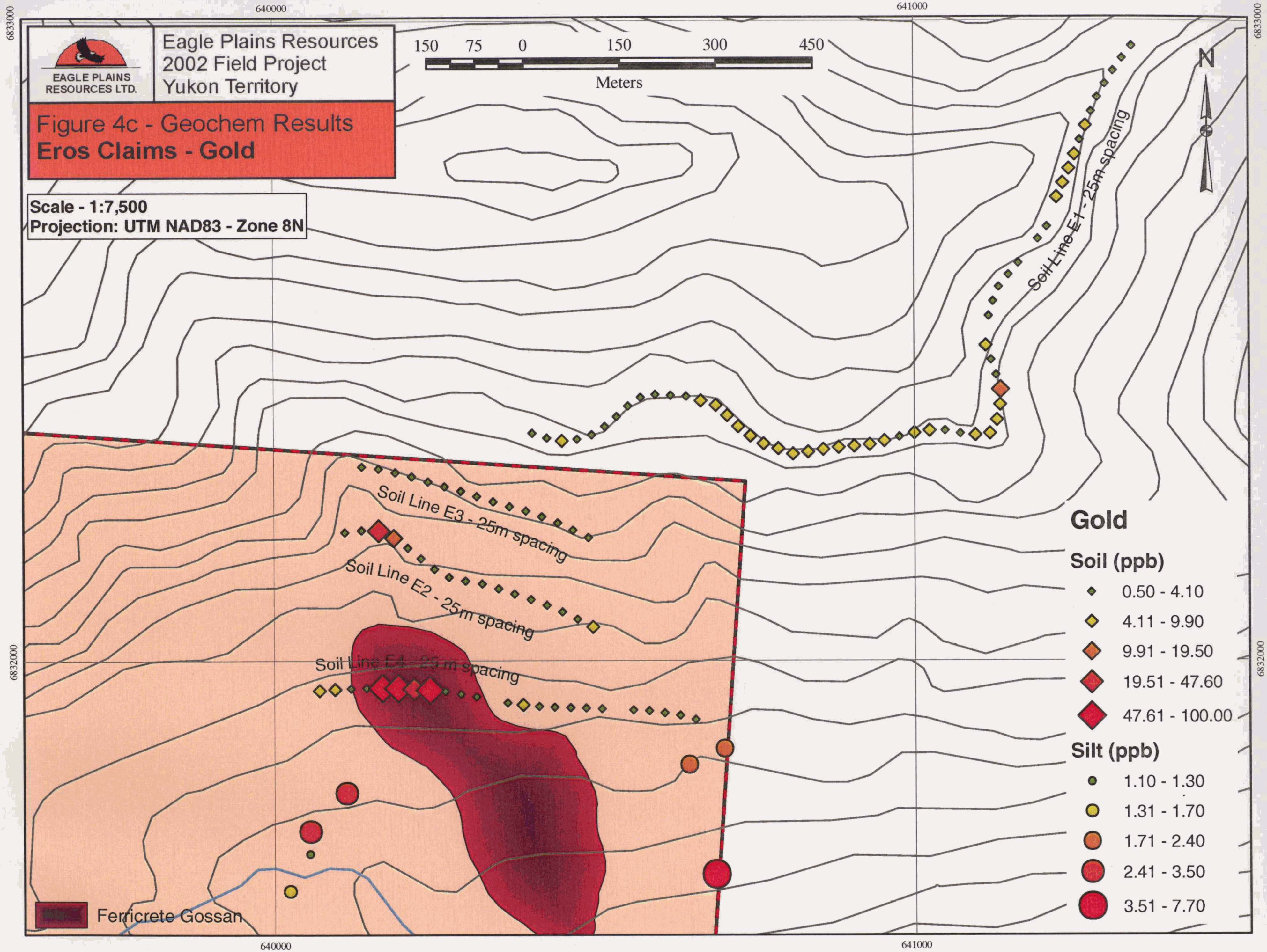
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 4b - Geochem Results
Eros Claims - Copper
150 75 0 150 300 450
Meters
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
N
Soil Line E1 - 25m spacing
Soil Line E3 - 25m spacing
Soil Line E2 - 25m spacing
Soil Line E4 - 25 m spacing
Ferricrete Gossan
Copper
Soil (ppm)
5.40 - 32.30
32.31 - 56.80
56.81 - 89.70
89.71 - 148.50
148.51 - 250.60
Silt (ppm)
11.90
11.91 - 39.40
39.41 - 57.50
57.51 - 71.90
71.91 - 126.10
Rock (ppm)
5.00 - 10.00
10.01 - 19.00
19.01 - 32.00
32.01 - 49.00
49.01 - 82.00



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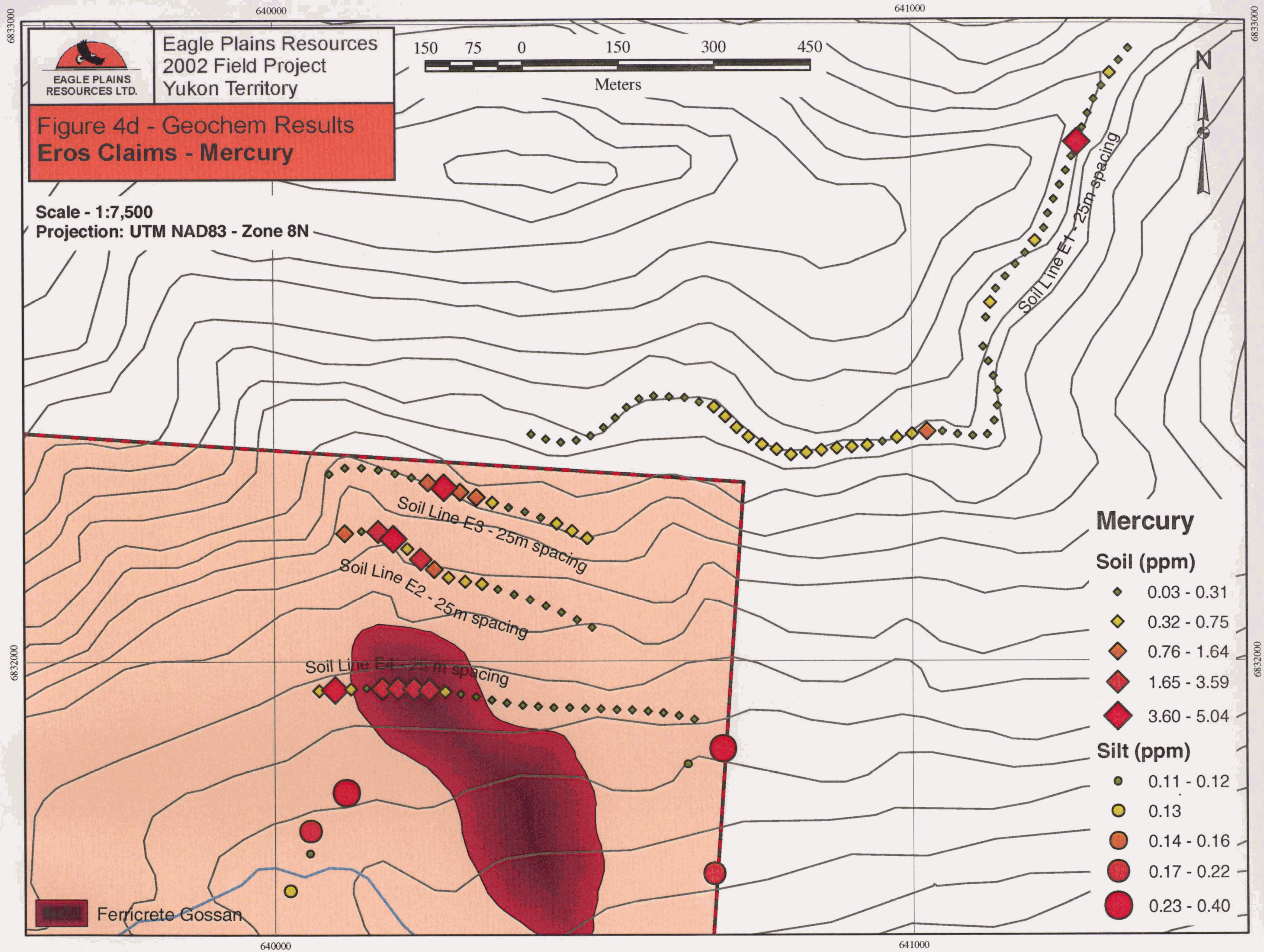
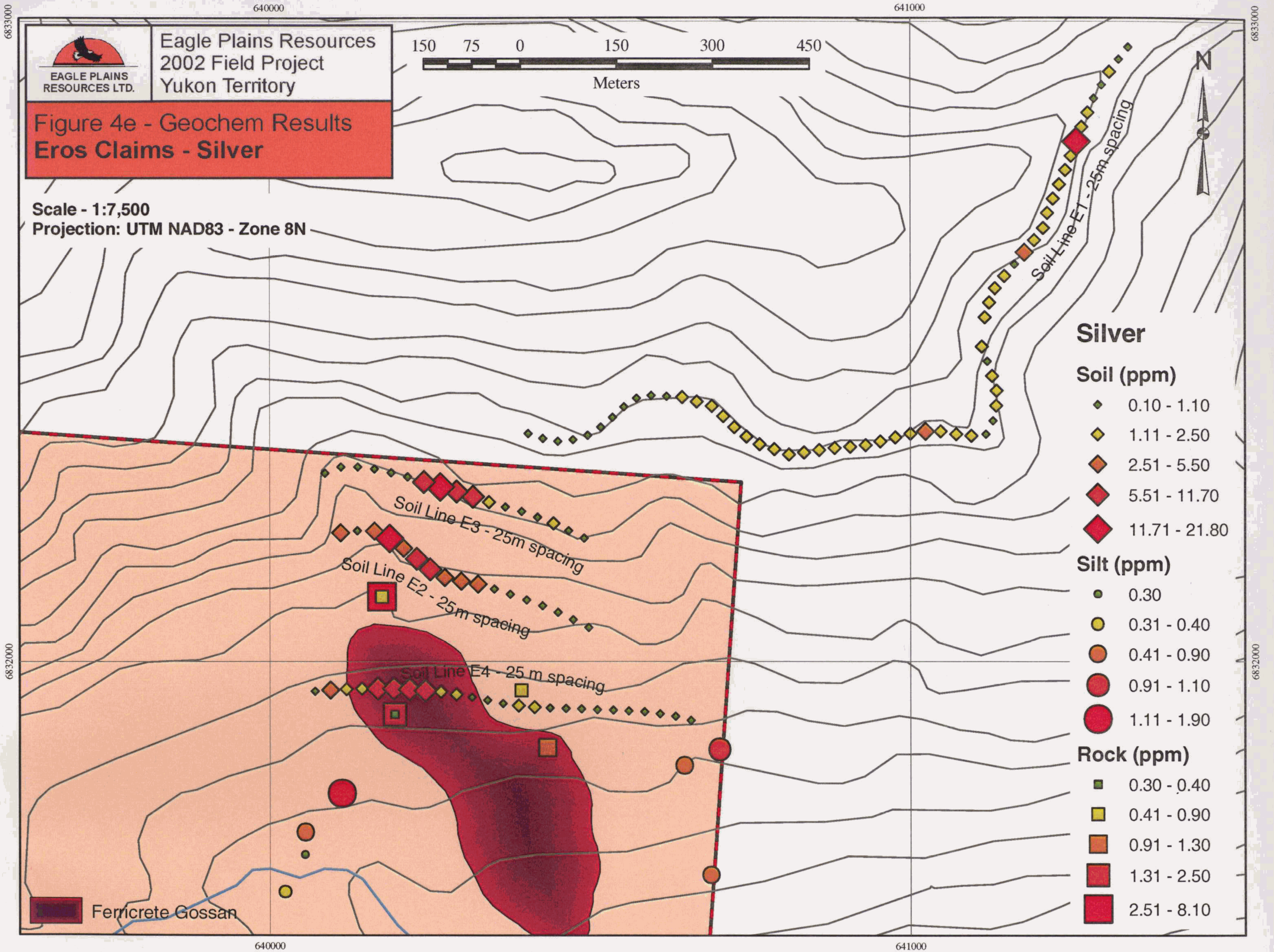
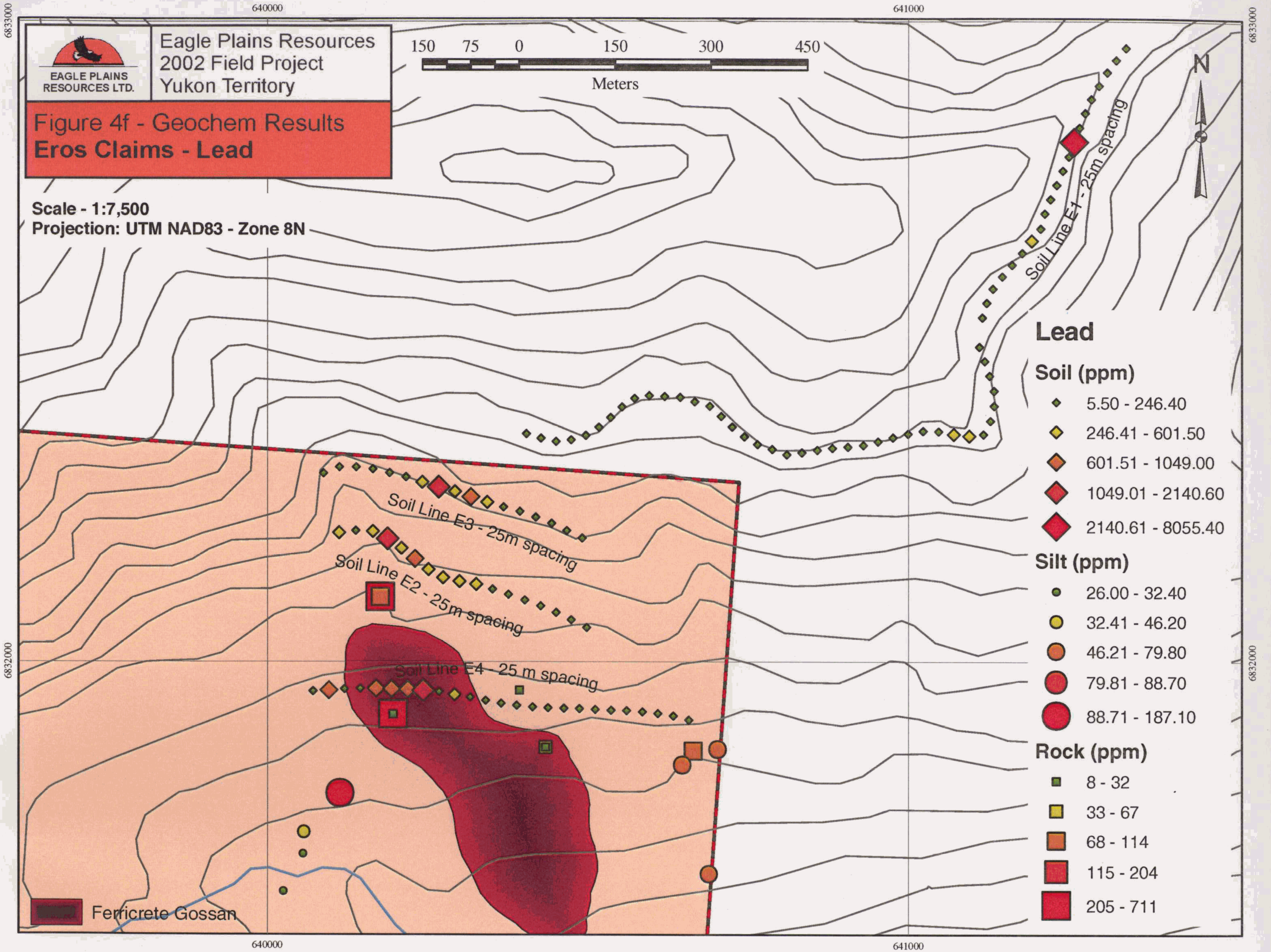
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 4c - Geochem Results
Eros Claims - Gold
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
150 75 0 150 300 450
Meters
N
640000
641000
6833000
6832000
Soil Line E1 - 25m spacing
Soil Line E3 - 25m spacing
Soil Line E2 - 25m spacing
Soil Line E4 - 25 m spacing
Gold
Soil (ppb)
0.50 - 4.10
4.11 - 9.90
9.91 - 19.50
19.51 - 47.60
47.61 - 100.00
Silt (ppb)
1.10 - 1.30
1.31 - 1.70
1.71 - 2.40
2.41 - 3.50
3.51 - 7.70
Ferricrete Gossan



EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 4d - Geochem Results
Eros Claims - Mercury
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
150 75 0 150 300 450
Meters
N
640000
641000
6833000
6832000
Soil Line E1 - 25m spacing
Soil Line E3 - 25m spacing
Soil Line E2 - 25m spacing
Soil Line E4 - 25 m spacing
Ferricrete Gossan
Mercury
Soil (ppm)
0.03 - 0.31
0.32 - 0.75
0.76 - 1.64
1.65 - 3.59
3.60 - 5.04
Silt (ppm)
0.11 - 0.12
0.13
0.14 - 0.16
0.17 - 0.22
0.23 - 0.40



640000
641000
6833000
6832000
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 4e - Geochem Results
Eros Claims - Silver
150 75 0 150 300 450
Meters
N
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
Soil Line E1 - 25m spacing
Soil Line E3 - 25m spacing
Soil Line E2 - 25m spacing
Soil Line E4 - 25 m spacing
Silver
Soil (ppm)
0.10 - 1.10
1.11 - 2.50
2.51 - 5.50
5.51 - 11.70
11.71 - 21.80
Silt (ppm)
0.30
0.31 - 0.40
0.41 - 0.90
0.91 - 1.10
1.11 - 1.90
Rock (ppm)
0.30 - 0.40
0.41 - 0.90
0.91 - 1.30
1.31 - 2.50
2.51 - 8.10
Ferricrete Gossan



Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 4f - Geochem Results
Eros Claims - Lead
150 75 0 150 300 450
Meters
Scale - 1:7,500
Projection: UTM NAD83 - Zone 8N
N
640000
641000
6833000
6832000
Soil Line E1 - 25m spacing
Soil Line E3 - 25m spacing
Soil Line E2 - 25m spacing
Soil Line E4 - 25 m spacing
Ferricrete Gossan
Lead
Soil (ppm)
5.50 - 246.40
246.41 - 601.50
601.51 - 1049.00
1049.01 - 2140.60
2140.61 - 8055.40
Silt (ppm)
26.00 - 32.40
32.41 - 46.20
46.21 - 79.80
79.81 - 88.70
88.71 - 187.10
Rock (ppm)
8 - 32
33 - 67
68 - 114
115 - 204
205 - 711

CONCLUSIONS AND RECCOMMENDATIONS

2002 fieldwork by Eagle Plains Resources was directed toward better defining property stratigraphy and assessing the geochemical signature of the property lithologies. Soil, rock and silt geochemical results indicate there is a very strong base and precious metal anomaly on the eastern part of the property. The anomaly is defined by elevated values in many of the elements considered to be indicative of VMS mineralization. Part of the anomaly is associated with an area of well developed ferricrete and gossan that has been partially tested by past operators. 2002 sampling indicates that the unit may extend upslope from the ferricrete / gossan surface exposure well above the 1978 drill collar location. Soil line E1 returned anomalous values from a lapilli tuff unit northeast of the current property boundary. A comparison of the results indicates that Line E1 samples are generally higher in copper while the ferricrete / gossan zone samples are higher in gold and silver.

Although limited exposure in Cloutier Creek prohibits detailed mapping between the two properties, data collected from 2002 geologic mapping suggest that rocks east of the creek (Eros claims) and those to the west of the creek (Fire / Ice / Melt claims) share a common depositional, alteration and tectonic history. Both properties contain intermediate to felsic proximal volcanic rocks (coarse lapilli, lithic lapilli tuff, agglomerate and breccias) which have undergone quartz-sericite-pyrite (?) alteration characteristic of VMS centers.

The presence of coarse volcanics, boulder breccias and rhyolitic, sometimes pillowed, flows is consistent with deposition in close proximity to a volcanic center. The source of these proximal volcanics remains uncertain. There are two possibilities: that both proximal volcanic rocks of the Fire claims and the Eros claims were derived from the same volcanic center or that there are multiple volcanic centers on the properties.

Mapping has shown that there is not a major structural break along the Cloutier Creek valley and the stratigraphy in the headwaters of the creek (Fire Claims; Fig. 2) may represent a long lived volcanic center of massive, thick rhyolite flows, syenite sills and dykes, and discordant 'yellow-trachytes". (Downie, 2001; Greig, 2002). Therefore, this area, to the immediate west of the Eros claims, could be the source of coarse volcanic rocks on the Eros claims. Alternatively, there is the possibility that there are multiple volcanic centers in the area – this theory is supported by bimodal nature of volcanic rocks on the properties and possible geochemical zonation (Downie, 2001; Greig, 2002; Downie and Gallagher, 2002). In this scenario rocks of the Eros claims would have a different source that those on the Fire claims; the volcanic center would most likely be to the east or north-east of the area mapped in 2002.

No potassium staining was conducted on these rocks and therefore a study of the distribution and chemical composition of potassium feldspar rocks on the Eros is difficult. The completion of a systematic slabbing and staining program on Eros rocks would help correlate the volcanic rocks internal stratigraphy with that of the Fire / Ice / Melt rocks.

The basin directly north-east of the area mapped in 2002 (Fig. 5) shows the highest anomalous copper, gold and molybdenum soil and sediment values returned in the survey; Soil line E1 (Fig. 4b) shows elevated copper values east of the mapped area. Geologic mapping conducted in 2002 indicates that rocks in the basin north-east of the mapped area and possibly the ridge to the east is of volcanic lithology (barring any unforeseen major structures). The basin provides excellent exposure to the complete stratigraphy of the Eros rocks and is ideally located to test the hypothesis that the proximal volcanic rocks are deposited from a volcanic center other that the one thought to be located at the headwaters of Cloutier creek.

The EROS claims covers a stratigraphic package known to be prospective for VMS type massive sulphide occurrences. Although the geochemical anomaly associated with the ferricrete – gossan zone was tested by a single drillhole in 1978, observations of the surface geomorphology in the area of the diamond drill collar indicate that much of the ferricrete zone including the 1978 drillhole collar is part of a broad apron of soil creep. Examination of the drillcore indicates that the top 25.1 meters of the drillhole was not recovered which would be consistent with poorly consolidated rubble or talus. Many of the trenches exposed the groundwater table indicating the possibility of transport of the anomalous metals which would be consistent with the development of the large ferricrete – gossan zone.

A two phase work program is recommended to continue to evaluate the EROS property area for the presence of a VMS deposit. An initial stage of mapping, prospecting, geochemical sampling and possibly airborne geophysics should be used to identify targets for a second phase diamond drilling program.

Exploration crews should be based out of fly camps on the properties. It is estimated that the first phase of work would take approximately three weeks, with the second phase program contingent on results from the first phase.

A budget for the proposed work follows :

PHASE 1

Personnel	$45,000.00
Geophysical Survey	$40,000.00
Helicopter Support	$20,000.00
Analytical	$10,000.00
Meals/Grocery	$6,000.00
Truck and Equipment Rentals	$2,000.00
Fuel (Diesel, Gasoline, Propane)	$2,000.00
Supplies	$5,000.00
Miscellaneous	$5,000.00
Sub-Total :	$145,000.00
10% Contingency :	$14,500.00
TOTAL Phase 1 :	$159,500.00

PHASE 2

Diamond Drilling	$215,000.00
Personnel	$25,000.00
Helicopter Support	$65,000.00
Mob/Demob	$5,000.00
Analytical	$10,000.00
Meals/Grocery	$6,000.00
Truck/Equipment Rentals	$5,000.00
Fuel (Diesel, Gasoline, Propane)	$4,000.00
Supplies	$4,000.00
Miscellaneous	$6,000.00

Report/Reproduction	$5,000.00
Sub-Total :	$350,000:00
10% Contingency :	$35,000.00
TOTAL Phase 2 :	$385,000.00
TOTAL Phase 1, Phase 2 :	$544,500.00

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Appendix I

Statement of Qualifications

Certificate of Qualification

I, Chris Gallagher of 1-622 Somerset St. West in the city of Ottawa in the Province of Ontario hereby certify that:

1) I am a graduate of Carleton University (1999) with an M. Sc. Degree and have practiced my profession as a geologist and GIS analyst continuously since graduation.

2) Interpretations in this report are supported by data collected during fieldwork as well as information gathered through research.

Dated this 23rd day of September, 2002 in Ottawa, Canada.

Chris Gallagher, M. Sc.

Appendix II

Statement of Expenditures

STATEMENT OF EXPENDITURES

The following expenses were incurred on the EROS Claims, Watson Lake Mining Division, for the purpose of mineral exploration between the dates of May 01 2002 and September 30 2002.

PERSONNEL	
C.Gallagher, P. Geo: 3 days x $450/day	$2250.00
C. Downie, P. Geo: 8.75 days x $450/day	$3937.50
B. Robison, luvisol technician: 4 days x $300/day	$1200.00
J. Campbell, luvisol technician: 4.5 days x $300/day	$1350.00
EQUIPMENT RENTAL	
4WD Vehicle: including mileage	$968.11
Radios (4x):	$120.00
Satellite Phone (incl. rental and connection charges)	$150.00
Field Supply:	$487.50
OTHER	
Consultants (incl. field map preparation, digital data - 3d data sets):	$2118.60
Meals/Accommodation/Groceries:	$2163.13
Project Management (Toklat Resources):	$1541.20
Fuel:	$103.16
Materials:	$16.65
Airfare:	$1790.33
Helicopter Charter(Trans North):	$5880.97
Shipping:	$377.09
Analytical:	$2155.01
Drafting/Repro	$1047.84
Filing Fees	$285.00
Report/Reproduction	$2500.00
TOTAL:	$31820.78

Total Expenditures for 2002 Exploration Program including staking : $31820.78

- 5157.92
- 1790.33
- 285.00

$24,587.53

Staking costs not allowed - used $6400 - for renewal

[signature]

The following expenses were incurred on the EROS Claims, Watson Lake Division, for the purpose of claim staking between the dates of July 07 and July 08 2002.

C. Downie P.Geo: 2 days x $450.00/day.	$900.00
C. Gallagher, P.Geo: 1 day x $450.00/day	$450.00
B. Robison, geological technician: 1 day x $300/day	$300.00
J. Campbell, geological technician: 1 day x $300/day	$300.00
Materials (claim posts, hay wire):	$178.48
Filing Fees:	$285.00
Helicopter Charter (Trans North):	$2744.44
TOTAL:	$5157.92

Appendix III

Analytical Results

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Toklat Resources Inc. File # A202480

2720 - 17th St. S., Cranbrook BC V1C 6Y6 Submitted by: T. Termuende

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	2	<.3	<1	<1	10	.06	2	<8	<2	<2	4	<.5	<3	<3	<1	.25	.001	<1	3	.01	5	<.01	<3	.01	.53	.01	<2	<.2
CE2R01	3	31	114	5	<.3	8	15	103	2.44	11	<8	<2	6	46	<.5	<3	<3	5	1.30	.124	21	3	.04	41	<.01	4	.34	.02	.34	<2	1.7
CF2R01	2	179	127	22	4.1	164	13	24	29.59	68	<8	<2	5	3	<.5	3	<3	1	.09	.003	<1	7	<.01	5	<.01	<3	.10	.01	.10	3	1.0
CF2R02	8	34	202	5	1.5	5	1	38	5.31	7	<8	<2	11	55	<.5	5	<3	5	.02	.028	32	1	.01	81	<.01	<3	.12	<.01	.17	<2	1.6
CF2R03	20	12	17	5	.6	4	8	210	1.86	<2	<8	<2	4	87	<.5	<3	<3	<1	.16	.043	25	5	.01	42	<.01	5	.18	.02	.20	<2	1.0
CP2R01	<1	48	<3	32	<.3	237	34	1043	5.93	24	<8	<2	3	116	<.5	<3	<3	58	10.33	.101	21	143	3.24	773	<.01	5	.50	<.01	.21	<2	.2
CP2R02	4	38	15	2	<.3	13	4	28	.33	3	<8	<2	3	9	<.5	<3	<3	4	.12	.018	11	18	.03	375	<.01	4	.21	.01	.13	<2	.9
CP2R03	2	9	20	5	.4	8	1	32	.62	11	<8	<2	2	23	<.5	<3	<3	10	.10	.053	6	18	.02	924	<.01	7	.12	.01	.08	4	.4
CP2R04	3	8	23	15	<.3	16	1	415	3.82	4	<8	<2	2	416	<.5	<3	<3	13	5.39	.060	1	14	1.80	122	<.01	5	.14	.01	.05	2	1.0
CP2R05	4	5	38	4	<.3	3	2	21	1.14	4	<8	<2	17	11	<.5	<3	<3	<1	.10	.024	112	4	.01	111	<.01	6	.26	.02	.19	<2	.6
CP2R06	7	16	36	40	<.3	10	3	348	.69	8	<8	<2	<2	7	<.5	<3	<3	9	.16	.002	1	22	.06	293	<.01	<3	.05	<.01	.02	5	2.0
ET1R1	5	73	204	5124	5.3	47	22	1000	4.63	198	<8	<2	9	61	94.2	32	<3	48	1.02	.138	44	12	.09	672	<.01	5	.86	<.01	.28	<2	14.1
ET1R2	7	82	527	3500	8.1	40	24	964	4.56	195	<8	<2	9	65	46.6	30	<3	50	.90	.113	38	14	.09	1083	<.01	3	.68	.01	.24	4	8.9
ET1R3	3	49	99	8427	.9	24	27	804	2.15	15	<8	<2	12	20	59.5	6	<3	39	2.60	.148	55	10	.31	300	<.01	6	.42	.01	.29	<2	.6
ET2R4	30	19	32	1983	.6	9	1	109	10.59	265	<8	<2	6	15	5.3	7	<3	35	.09	.097	24	8	.04	295	<.01	4	.54	.01	.21	8	3.8
ET2R5	5	17	14	382	<.3	6	1	46	.66	8	<8	<2	2	13	3.1	<3	<3	13	.03	.027	5	17	.01	89	<.01	3	.12	<.01	.05	<2	.4
ET3R6	15	32	67	3109	1.3	25	6	189	10.99	38	<8	<2	7	19	8.9	6	<3	64	.18	.078	33	12	.07	511	<.01	9	.67	.01	.20	4	1.5
ET3R7	6	8	8	1091	<.3	18	1	55	3.67	15	<8	<2	<2	3	1.0	<3	<3	10	.01	.012	2	14	<.01	52	<.01	3	.11	<.01	.02	3	<.2
ET3R8	6	46	19	1562	<.3	38	17	633	4.99	18	<8	<2	8	46	13.4	<3	<3	33	2.13	.110	50	31	.57	157	<.01	<3	.85	.03	.32	<2	<.2
ET5R9	5	41	711	1079	2.5	15	4	221	20.29	6	<8	<2	8	23	1.8	<3	<3	32	.10	.080	19	17	.09	863	.02	<3	.46	.01	.25	<2	2.5
ET5R10	5	10	20	309	.3	5	6	429	3.27	33	<8	<2	9	26	3.4	<3	<3	1	1.64	.003	18	4	.68	66	<.01	<3	.26	.02	.15	<2	.9
ET6R11	2	63	368	1630	5.2	9	<1	200	26.46	45	<8	<2	8	21	14.2	5	3	19	.13	.061	16	18	.04	957	<.01	3	.27	.01	.19	6	12.5
RE ET6R11	2	61	354	1597	5.3	12	<1	192	25.89	45	<8	<2	9	21	14.0	7	<3	19	.13	.060	16	16	.04	946	<.01	4	.27	.01	.19	<2	12.9
GEN 16	4	5	88	10	.4	1	<1	23	3.00	7	<8	<2	15	7	<.5	<3	<3	1	.02	.033	84	2	.02	326	<.01	<3	.25	.03	.24	<2	.9
GFN 35A	3	13	59	6	.3	6	4	26	1.67	6	<8	<2	19	6	<.5	<3	<3	2	.04	.047	64	2	.02	228	<.01	4	.27	.02	.29	<2	.8
GFN 40A	3	16	29	26	<.3	21	5	443	3.58	4	<8	<2	5	86	<.5	<3	<3	2	4.00	.019	14	3	2.00	59	<.01	<3	.09	<.01	.09	<2	.7
GFN 137A	2	80	89	277	.6	46	50	277	4.70	8	<8	<2	3	49	.8	<3	<3	44	2.18	.261	14	5	.41	33	<.01	7	.35	<.01	.25	<2	<.2
GMN 01A	2	43	203	31	<.3	7	11	4	2.09	<2	<8	<2	4	20	<.5	<3	<3	8	.34	.181	30	2	.02	66	<.01	7	.33	.01	.27	<2	<.2
GMN 01B	5	111	274	18	.8	12	9	5	5.32	3	<8	<2	3	5	<.5	<3	<3	5	.07	.052	19	4	.01	15	<.01	4	.24	.01	.23	<2	1.1
GMN 13	<1	2	46	8	.3	2	<1	11	.15	2	<8	<2	21	2	<.5	<3	<3	1	<.01	.014	106	3	.01	51	<.01	4	.26	<.01	.22	<2	<.2
GMN 33	2	6	19	8	.3	<1	<1	2	1.46	2	<8	<2	18	7	<.5	<3	<3	1	.02	.015	85	3	.01	171	<.01	3	.25	.01	.30	<2	.4
GNR 07	105	16	74	325	1.0	1	1	24	1.02	70	<8	<2	10	6	1.2	<3	6	<1	.09	.007	74	4	.03	140	<.01	3	.27	.01	.27	<2	21.4
GUNK	4	763	284	99999	<.3	80	94	1293	4.70	13	<8	<2	<2	202	593.9	<3	<3	32	10.34	.065	8	<1	3.01	19	<.01	3	.11	.01	.08	<2	4.4
STANDARD DS3	10	132	32	162	.4	37	11	787	3.37	28	<8	<2	4	30	5.9	5	<3	82	.57	.093	18	192	.59	149	.08	<3	1.82	.04	.16	2	19.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 2002 **DATE REPORT MAILED:** Aug 2/02 **SIGNED BY**.......... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

CME LYT LA ATOF LTI E. TINC T. OUV BC 1R PH (60 253- FAX(604)2 -1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Toklat Resources Inc. File # A202479

2720 - 17th St. S., Cranbrook BC V1C 6Y6 Submitted by: T. Termuende

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.5	3.1	5.3	43	<.1	4.4	3.5	522	1.71	1.1	2.0	<.5	3.9	73	<.1	.4	.1	38	.57	.093	7	13.1	.53	204	.123	3	.94	.073	.48	1.6	<.01	2.2	.3	<.05	4
CE2S01	12.1	69.0	75.2	857	.9	77.5	22.5	859	4.39	45.2	2.3	2.1	3.3	60	10.2	7.2	.3	40	.97	.179	27	10.8	.38	269	.004	5	.67	.007	.12	.1	.11	3.7	.4	.11	2
CE2S02	2.7	57.5	76.6	463	1.1	28.8	5.4	235	1.77	33.7	3.9	2.4	1.3	86	26.4	5.6	.1	12	1.65	.192	29	7.8	.18	642	.003	8	.40	.009	.15	.1	.40	1.6	.2	.29	1
CE2S03	5.5	39.4	79.8	498	.8	21.6	12.1	586	3.50	32.6	1.0	7.7	1.7	31	3.5	3.9	.9	28	.59	.109	43	12.4	.25	367	.012	3	.79	.008	.11	.2	.20	2.2	.2	.07	2
CE2S04	4.9	45.7	88.7	1602	.8	46.4	14.9	682	3.93	21.4	1.6	1.3	6.4	41	5.8	4.8	.3	18	.50	.127	42	7.6	.24	209	.004	<1	.45	.003	.07	.1	.16	2.6	.2	.16	1
CE2S05	6.7	71.9	187.1	2129	1.9	44.5	20.0	2084	4.33	38.0	2.4	3.1	4.2	35	14.0	5.8	.9	15	.83	.116	77	12.0	.18	176	.007	4	.67	.008	.10	.2	.40	2.4	.2	.19	2
CE2S06	4.5	126.1	46.2	802	.7	13.7	33.2	516	4.31	29.0	1.1	3.5	9.9	28	4.4	1.8	1.9	11	.67	.072	60	4.8	.15	171	.005	4	.51	.006	.10	.2	.22	2.0	.1	.19	2
CE2S07	3.4	11.9	26.0	333	.3	10.5	8.0	1741	7.58	11.6	.7	1.1	5.6	58	1.6	1.0	.1	11	1.14	.106	50	7.9	.20	352	.008	3	.49	.007	.10	.1	.12	1.6	.1	.14	1
CE2S08	3.0	28.2	32.4	168	.4	25.2	12.0	511	2.47	10.7	1.6	1.7	3.0	40	.8	1.9	.1	15	.71	.125	40	6.3	.18	318	.006	2	.51	.006	.11	.1	.13	1.9	.1	.10	1
RE CE2S08	3.0	28.9	33.9	161	.4	25.7	12.6	539	2.50	10.8	1.6	1.7	2.9	41	.9	1.9	.2	15	.71	.131	39	6.2	.18	311	.004	3	.53	.007	.11	.1	.13	1.8	.1	.10	1
CE2S09-A	3.9	38.2	38.6	292	.7	42.0	12.9	585	2.59	16.2	2.7	2.2	2.2	45	4.3	2.7	.2	15	1.13	.166	41	6.8	.17	304	.003	4	.48	.007	.12	.1	.18	2.0	.1	.19	1
CE2S09-B	22.2	5.2	28.7	970	.5	2.7	.9	58	32.94	132.2	.2	1.0	1.4	8	4.0	2.6	<.1	9	.04	.046	3	2.2	.03	54	.001	1	.22	.004	.08	<.1	.05	.6	.7	2.83	1
CE2S10-A	5.5	57.1	38.7	522	.6	59.8	21.3	865	3.79	18.2	1.6	1.3	5.5	38	2.8	4.2	.2	19	.50	.136	34	6.9	.21	221	.002	2	.44	.003	.07	.1	.13	3.0	.1	.16	1
CE2S10-B	8.9	50.5	183.8	2936	1.2	25.8	14.9	1420	6.03	54.7	1.1	4.3	4.0	22	26.6	7.9	.1	23	.18	.100	38	7.6	.09	198	.002	2	.51	.006	.10	.1	.22	3.6	.6	.15	2
CE2S11	13.8	117.8	1010.2	2913	9.3	27.4	24.7	1297	5.39	229.3	1.8	39.8	4.5	69	11.8	27.1	.4	40	.34	.101	41	14.6	.10	325	.005	2	.79	.009	.19	.4	2.62	5.5	4.6	.33	3
CF2S07	2.5	19.3	83.6	30	3.0	9.8	7.4	391	5.84	8.7	1.4	1.4	1.7	12	.1	1.4	.1	16	.06	.150	34	6.0	.08	292	.005	3	.64	.010	.13	.1	.13	2.6	.7	.38	2
CF2S08	6.9	22.8	167.0	220	.7	21.7	8.5	571	2.96	143.8	3.4	3.9	11.7	29	1.1	1.4	1.5	35	.83	.155	69	14.4	.62	125	.021	3	1.18	.012	.17	1.0	.04	3.9	.1	<.05	4
CF2S09	.9	23.2	12.2	91	.1	19.8	13.8	902	3.12	7.3	.4	.8	2.8	39	.3	.9	.1	12	.90	.102	17	8.8	.36	195	.003	4	.87	.007	.07	<.1	.08	3.9	<.1	.10	2
JFS03	6.9	31.9	122.5	209	.7	24.8	17.0	440	3.48	26.5	.9	3.4	7.3	22	1.3	3.1	1.1	22	1.20	.105	29	9.9	.77	715	.008	<1	.74	.005	.06	.4	.04	1.9	.1	.15	3
STANDARD DS3	9.2	132.5	31.9	162	.3	36.5	11.9	764	3.19	32.0	6.6	19.7	3.8	27	6.2	5.0	5.6	80	.56	.091	17	174.9	.60	148	.081	2	1.85	.033	.16	4.0	.23	4.0	1.2	<.05	6

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 2002 **DATE REPORT MAILED:** Aug 2/02 **SIGNED BY**.......... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Toklat Resources Inc. File # A202478 Page 1

2720 - 17th St. S., Cranbrook BC V1C 6Y6 Submitted by: T. Termuende

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.5	1.8	2.1	42	<.1	4.6	4.0	528	1.82	1.0	2.5	.5	4.4	71	.1	<.1	.1	38	.56	.087	7	12.4	.56	239	.126	3	.97	.122	.50	2.4	<.01	4.8	.3	<.05	5
CF 2001	19.3	69.2	898.5	70	2.5	86.0	49.8	3406	14.23	38.6	1.6	1.3	5.0	20	.7	7.8	.1	37	.45	.170	50	6.1	.13	850	.006	5	.66	.007	.14	.2	.24	16.1	1.9	.39	1
CF 2002	22.9	81.6	602.3	94	2.4	110.6	58.9	4098	17.19	33.5	1.7	3.8	5.1	18	1.2	8.2	.2	35	.24	.129	50	3.3	.11	299	.003	2	.56	.007	.18	.1	.24	17.3	3.6	.61	1
CF 2003	12.8	28.4	491.2	14	1.8	21.7	11.5	370	11.59	27.2	1.1	1.6	4.0	34	.1	7.2	.1	11	.05	.098	16	1.1	.03	93	.001	1	.31	.016	1.21	.1	.14	3.2	.8	2.31	1
CF 2004	28.6	27.7	1499.8	15	3.4	17.2	12.9	531	15.14	33.5	.7	2.2	4.9	70	.2	6.7	.1	13	.07	.144	29	1.1	.04	205	.001	1	.26	.039	1.78	.1	.40	5.3	3.0	3.43	1
CF 2005	55.1	15.8	3348.8	15	7.3	10.7	7.8	360	12.05	34.8	.7	2.4	2.5	37	.3	14.5	.1	9	.09	.067	14	<1	.03	69	.002	1	.15	.019	1.56	.1	.42	2.1	3.1	3.10	<1
CF 2006	6.3	29.9	159.0	50	.7	27.0	19.0	1763	6.92	14.2	1.2	.7	3.6	25	.3	2.4	.1	23	.44	.153	45	5.2	.15	621	.004	3	.76	.015	.25	.1	.10	6.2	.4	.42	2
CF 2007	5.5	23.0	177.2	61	.8	11.1	8.0	155	8.93	19.5	.6	3.4	4.4	42	.2	3.0	.1	27	.02	.163	29	7.6	.05	96	.008	3	.95	.029	1.11	.2	.10	4.1	1.2	2.14	4
CF 2008	12.1	47.0	284.4	42	1.7	25.1	16.5	465	11.82	26.9	1.5	2.0	6.0	74	.3	5.8	.1	22	.03	.187	34	6.1	.07	99	.009	<1	1.02	.022	1.15	.1	.11	6.6	1.5	2.20	2
CF 2009	18.1	14.1	660.2	15	2.8	4.7	4.4	180	16.00	32.3	.7	2.3	2.3	52	.1	7.1	.1	10	.01	.160	15	2.7	.03	53	.007	<1	.31	.040	2.90	.1	.19	2.3	2.4	5.07	2
CF 2010	12.5	34.7	582.2	40	2.5	29.2	22.1	1409	10.48	20.4	2.7	3.5	4.4	29	.5	4.8	.1	19	.17	.151	41	5.8	.07	507	.008	1	.99	.016	.33	.1	.29	5.2	1.3	.62	1
CF 2011	1.5	11.0	57.5	30	.3	6.1	4.2	470	1.31	2.1	.3	<.5	.1	15	.9	.6	.1	13	.38	.080	8	1.8	.08	411	.011	<1	.39	.025	.06	<.1	.04	.6	.1	.09	2
CF 2012	26.5	15.4	2092.9	17	5.8	10.8	7.7	615	6.92	25.7	.6	1.2	5.2	27	.3	17.0	.1	9	.04	.075	32	1.6	.03	293	.002	<1	.29	.009	.44	.1	.24	2.7	2.8	.86	1
CF 2013	16.5	9.5	1751.8	8	4.7	3.0	2.4	95	8.11	22.7	.2	3.5	7.3	55	<.1	13.7	.1	2	<.01	.064	27	<1	.01	113	<.001	<1	.17	.012	1.01	.1	.10	1.7	2.6	1.93	1
CF 2014	7.7	42.8	409.1	41	1.0	28.9	19.4	1055	8.96	19.7	1.3	.9	4.3	25	.3	3.8	.2	24	.15	.143	47	8.2	.12	766	.010	<1	.58	.009	.21	.2	.18	5.5	1.1	.33	2
CF 2015	7.0	33.7	202.9	62	.7	23.1	15.4	2038	6.44	17.4	.9	<.5	1.2	21	.8	2.7	.2	26	.27	.126	37	8.8	.10	1624	.007	<1	.61	.006	.17	.1	.12	1.9	.7	.18	2
RE CF 2015	7.2	35.9	200.2	62	.7	23.7	17.1	2086	6.87	18.2	1.0	.8	1.3	23	1.0	2.9	.2	28	.33	.125	39	9.0	.10	1667	.007	<1	.62	.006	.17	.1	.12	2.2	.7	.20	3
CF 2016	11.5	21.3	235.4	46	.6	11.4	7.7	926	5.52	18.0	.7	<.5	.7	22	.8	3.0	.2	23	.18	.166	39	7.7	.05	541	.008	1	.60	.007	.20	.1	.12	1.1	.5	.35	3
CF 2017	7.5	14.9	117.5	52	.4	10.8	5.9	558	4.98	13.7	.5	.9	.6	19	.4	1.8	.2	30	.16	.098	35	8.9	.09	363	.008	2	.57	.007	.22	.1	.06	.6	.3	.29	3
CF 2018	6.6	15.0	178.7	41	.8	11.5	7.4	474	5.46	15.7	.6	<.5	2.2	30	.2	2.4	.2	24	.05	.100	38	9.5	.11	485	.008	1	.65	.011	.43	.1	.08	1.3	.4	.67	3
CF 2019	3.5	15.6	52.0	52	.4	12.5	6.6	272	3.45	10.8	.4	<.5	.9	11	.2	1.4	.2	27	.05	.067	38	10.4	.12	213	.008	1	.67	.004	.13	.1	.07	.8	.2	.12	3
CF 2020	3.8	14.1	60.0	69	.7	15.0	8.4	407	3.93	13.6	.6	<.5	2.6	8	.3	1.9	.2	26	.05	.059	40	11.3	.20	188	.007	1	.89	.004	.13	.2	.06	1.2	.2	.07	3
CF 2021	5.0	21.3	77.9	54	.3	13.5	7.9	976	3.56	12.6	.5	1.8	.5	28	.7	1.7	.4	23	.04	.103	39	11.4	.06	328	.006	1	.73	.007	.18	.1	.04	.5	.3	.18	3
CF 2022	5.0	21.3	161.9	77	.9	17.9	9.5	242	3.81	13.0	.5	.9	2.6	21	.3	2.2	.1	15	.02	.087	42	14.2	.15	385	.006	1	.68	.006	.35	.1	.08	1.5	.3	.50	2
CF 2023	4.6	23.6	102.9	90	.9	19.8	11.2	426	3.94	11.7	.5	1.5	.8	27	.5	1.8	.1	20	.09	.111	35	15.7	.12	355	.005	1	.58	.006	.26	.1	.05	.6	.3	.35	2
CF 2024	11.7	17.1	241.3	35	1.0	11.7	9.5	574	6.67	22.5	.7	<.5	1.7	48	.4	3.1	.2	15	.06	.175	32	7.1	.06	144	.006	1	.58	.014	.99	.1	.13	.8	.5	1.61	2
CF 2025	5.2	16.7	173.6	46	1.0	13.0	6.9	452	3.42	11.9	.5	<.5	.5	18	.2	2.0	.2	25	.11	.094	37	9.5	.08	334	.005	2	.53	.006	.23	.1	.06	.7	.2	.29	2
CF 2026	5.5	18.1	195.4	65	.4	13.8	9.4	791	4.24	14.1	.6	<.5	.9	23	.5	2.0	.2	32	.09	.086	39	12.1	.13	355	.010	2	.65	.008	.25	.1	.03	.9	.2	.34	3
CF 2027	11.5	12.4	198.9	35	.5	7.6	5.3	460	4.16	18.5	.5	1.4	1.5	12	.2	2.3	.3	25	.03	.071	37	7.6	.07	286	.008	2	.50	.006	.46	.1	.04	.6	.2	.68	4
CF 2028	3.9	19.2	92.5	73	.3	18.0	13.2	768	4.10	12.7	.7	<.5	3.9	16	.2	1.6	.2	21	.07	.073	48	10.1	.17	278	.007	1	.72	.006	.18	.2	.07	1.7	.2	.20	2
CF 2029	7.4	20.0	252.5	43	.4	14.1	10.5	1127	5.32	14.6	.6	.5	1.6	33	.7	2.7	.1	17	.21	.132	37	5.7	.09	928	.005	<1	.54	.007	.28	.1	.05	1.7	.5	.35	2
CF 2030	27.1	39.1	451.6	39	1.8	18.3	14.3	1201	11.57	31.1	.6	.6	1.6	20	.3	10.1	.2	19	.03	.169	34	2.4	.04	393	.003	1	.54	.009	.27	.1	.18	3.1	2.1	.59	1
CF 2031	5.9	29.9	327.1	85	1.0	16.3	12.5	879	5.60	13.0	.7	<.5	.5	31	1.7	3.4	.1	16	.22	.161	25	3.0	.06	809	.005	3	.70	.018	.20	.1	.06	.9	.5	.39	2
CF 2032	10.1	12.4	748.0	18	1.6	6.0	4.1	149	7.68	24.4	.5	1.8	3.9	22	<.1	4.4	.1	13	.01	.103	31	3.3	.03	97	.008	2	.40	.021	1.07	.1	.05	1.8	.7	1.95	2
STANDARD DS3	8.8	120.9	33.2	161	.2	36.9	12.6	806	3.23	31.7	6.2	19.6	3.6	27	5.9	5.1	5.2	78	.53	.090	17	175.0	.60	140	.090	4	1.68	.036	.16	3.7	.22	4.2	1.2	<.05	6

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 2002 **DATE REPORT MAILED:** Aug 6/02 **SIGNED BY**..........D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.3	1.8	2.3	42	<.1	4.3	3.9	522	1.79	1.3	2.8	.8	4.9	68	<.1	<.1	.1	37	.51	.087	7	12.1	.55	228	.123	<1	.87	.099	.51	2.3	<.01	3.5	.3	<.05	5
CF 2033	1.0	6.7	38.4	13	.2	2.4	2.4	122	1.28	3.1	.2	1.3	.2	8	.1	.6	<.1	15	.06	.054	10	2.4	.05	116	.018	1	.48	.024	.08	.1	.03	.4	.1	.13	2
CF 2034	4.1	17.0	91.4	37	.5	10.1	7.2	173	3.97	13.8	.5	2.1	.5	14	.1	2.1	.2	26	.04	.085	42	5.5	.04	261	.005	<1	.38	.007	.23	.1	.02	.5	.2	.34	3
CF 2035	4.2	8.6	157.4	11	.9	3.0	2.3	55	6.06	12.2	.5	.8	2.3	46	.1	1.8	.1	12	.02	.138	41	3.4	.02	126	.004	<1	.29	.016	1.16	.1	.06	.8	.3	2.04	2
CF 2036	3.3	22.7	120.4	43	.7	13.0	13.7	954	5.07	11.8	1.3	.7	2.5	25	.1	1.8	.1	18	.33	.138	50	5.7	.13	875	.005	2	.99	.013	.18	.1	.11	2.1	.4	.29	2
CF 2037	4.8	12.6	128.6	35	.7	9.3	6.8	564	4.20	13.7	.6	2.0	3.2	15	.2	2.4	.1	14	.07	.086	46	6.2	.10	371	.009	<1	.55	.011	.28	.1	.06	1.0	.6	.48	2
CF 2038	6.5	8.6	314.3	21	1.9	5.1	3.4	196	4.79	17.5	.4	2.0	1.1	15	.1	3.9	.2	10	.04	.091	47	4.5	.04	289	.005	1	.39	.010	.52	.1	.05	.4	.8	.98	2
CF 2039	13.0	9.5	364.2	9	1.7	3.2	2.2	64	13.64	31.9	.2	1.6	10.0	24	<.1	6.5	.2	7	<.01	.161	33	3.7	.02	208	.006	1	.21	.016	.64	.1	.16	1.8	.8	1.27	2
CF 2040	8.2	8.1	289.7	22	1.6	4.0	2.4	120	5.83	18.0	.4	1.6	8.4	14	.1	5.0	.2	9	.01	.104	59	2.7	.03	334	.006	1	.41	.008	.44	<.1	.06	.8	.6	.76	2
RE CF 2040	8.0	9.1	287.8	21	1.6	4.0	2.5	124	5.69	18.3	.4	<.5	8.2	14	<.1	4.8	.2	10	.01	.100	60	2.3	.03	310	.006	<1	.39	.007	.43	<.1	.07	1.0	.6	.75	2
CF 2041	8.6	24.8	83.5	46	6.0	14.3	9.8	254	9.75	28.4	.9	<.5	5.4	211	.1	14.7	.1	12	.03	.332	48	3.2	.04	95	.005	<1	.53	.017	1.32	.1	.08	1.8	1.3	2.10	2
CF 2042	3.2	21.9	62.1	61	.6	12.0	9.1	644	2.66	8.2	.3	<.5	.2	12	.3	1.6	.1	33	.03	.110	27	13.2	.04	235	.007	<1	.64	.007	.13	.1	.03	.4	.2	.16	3
CF 2043	1.5	8.4	17.3	16	.3	3.9	2.6	71	1.03	3.7	.3	<.5	.3	7	.2	.4	.1	21	.01	.073	18	6.5	.04	85	.005	<1	.64	.011	.05	.1	.03	.3	.2	<.05	2
CF 2044	3.7	18.7	32.2	43	.6	15.4	14.1	177	6.17	19.4	.5	1.2	1.5	137	.2	2.2	.1	27	.02	.273	48	3.7	.02	330	.003	<1	.53	.008	.45	.1	.03	1.4	.8	.74	1
CF 2045	4.1	30.3	74.2	42	.3	17.5	14.3	615	3.32	13.7	.5	.7	.7	24	.1	1.7	.2	28	.02	.141	36	12.8	.09	352	.005	2	.80	.006	.16	.1	.02	.7	.5	.22	3
CF 2046	.2	6.1	77.0	6	.1	.6	.3	14	47.96	13.5	.1	<.5	.4	1	<.1	.1	<.1	28	<.01	.249	1	3.2	.01	12	.007	<1	.07	.002	.06	<.1	.02	.7	.1	.89	1
CF 2047	6.5	23.9	414.3	32	.9	10.8	8.5	395	5.84	23.0	.8	1.1	2.9	36	.2	3.8	.1	20	.12	.124	35	5.7	.08	380	.009	1	.72	.014	.25	.1	.14	2.2	.7	.55	2
E1 0+00	3.1	37.6	30.6	124	.7	41.0	14.5	482	3.71	22.3	1.2	3.8	3.7	57	.2	3.0	.2	27	.42	.114	44	23.9	.19	894	.009	3	.68	.015	.15	.1	.17	4.5	.2	.18	2
E1 0+25E	2.2	30.3	22.7	97	.7	26.1	9.2	360	2.84	13.0	1.2	3.9	1.9	70	.3	1.6	.2	23	1.07	.132	38	17.3	.19	865	.006	3	.78	.012	.11	.1	.15	3.0	.2	.18	1
E1 0+50E	2.7	36.2	24.7	91	.8	23.9	12.5	506	3.03	12.2	1.3	4.5	2.2	49	.3	2.4	.2	16	.77	.113	40	10.5	.13	613	.004	3	.56	.012	.16	.1	.24	2.8	.2	.17	1
E1 0+75E	4.2	47.9	29.1	99	.6	31.3	20.9	655	4.24	21.3	1.9	1.7	3.7	84	.4	4.8	.1	18	.76	.168	42	11.9	.13	685	.005	5	.68	.010	.15	.1	.16	4.7	.3	.22	1
E1 1+00E	3.7	23.8	35.5	74	.5	20.3	12.7	670	3.04	16.2	1.1	2.7	3.0	55	.2	4.0	.1	16	.40	.089	41	9.7	.08	656	.004	2	.46	.010	.15	.1	.18	2.9	.3	.19	1
E1 1+25E	4.8	23.8	37.8	74	.4	19.8	10.6	349	3.02	18.7	.9	4.0	4.0	51	.2	6.0	.2	18	.22	.076	40	9.0	.08	515	.005	1	.42	.012	.16	.1	.18	3.3	.4	.21	1
E1 1+50E	6.6	24.9	33.4	63	.4	21.4	13.0	435	4.91	16.0	.9	1.0	4.7	89	.1	6.6	.1	14	.16	.111	42	7.6	.07	469	.004	2	.37	.021	.28	.1	.15	4.3	.3	.48	1
E1 1+75E	4.4	42.4	48.3	168	.6	29.6	20.0	1017	4.92	17.9	1.7	1.3	5.9	35	.7	3.6	.2	13	.45	.156	63	7.9	.12	464	.005	3	.54	.012	.19	.1	.11	4.8	.3	.13	1
E1 2+00E	3.0	46.0	43.6	201	.8	30.1	14.3	623	3.28	17.0	1.6	2.2	5.3	55	1.2	2.9	.2	10	.46	.122	80	5.4	.05	769	.003	3	.59	.024	.23	<.1	.16	2.7	.2	.21	1
E1 2+25E	5.7	54.4	57.6	109	.5	27.8	25.8	559	4.21	18.6	2.7	1.4	9.7	50	.5	3.2	.2	9	.31	.137	151	4.3	.07	461	.003	2	.56	.083	.17	.1	.06	3.7	.2	.37	1
E1 2+50E	9.8	60.8	68.1	30	.4	28.0	29.6	733	6.81	28.4	1.2	.7	6.0	77	.1	6.6	.2	5	.26	.134	66	1.9	.06	307	.002	3	.30	.022	.39	.1	.11	3.3	.5	.88	1
E1 2+75E	2.8	66.4	24.9	160	1.3	44.7	11.8	745	3.24	14.8	1.3	3.6	3.9	66	.8	3.6	.3	19	.21	.083	26	6.7	.06	801	.005	1	.44	.017	.20	.1	.24	3.0	.2	.25	1
E1 3+00E	2.7	49.5	19.2	111	1.3	33.4	6.7	260	2.01	11.4	1.1	4.5	1.9	67	.2	3.3	.2	10	.16	.068	15	3.8	.04	1192	.002	1	.28	.003	.10	.1	.29	2.3	.1	.11	<1
E1 3+25E	3.8	54.2	29.1	116	1.4	39.3	8.8	390	2.74	17.1	1.2	6.0	2.5	82	.4	4.0	.2	10	.29	.084	19	4.7	.04	1146	.002	3	.37	.005	.17	<.1	.43	2.6	.2	.17	1
E1 3+50E	3.6	60.4	21.8	121	2.0	42.8	5.6	220	2.65	15.1	1.5	6.0	2.1	69	.3	3.6	.3	16	.11	.072	14	5.8	.03	1121	.002	3	.43	.008	.14	<.1	.47	2.6	.2	.28	1
E1 3+75E	2.3	38.0	21.3	71	1.3	27.2	4.9	228	1.87	10.9	.8	4.7	1.7	66	.1	2.3	.2	12	.22	.074	11	4.2	.02	1390	.001	3	.30	.006	.09	<.1	.34	1.7	.1	.19	1
E1 4+00E	2.2	40.7	22.0	84	1.6	30.1	5.4	215	2.47	11.3	.8	4.7	2.4	80	.1	2.3	.3	12	.14	.055	13	5.0	.02	738	.001	1	.24	.007	.14	<.1	.55	2.2	.2	.29	1
STANDARD DS3	8.9	125.9	31.0	156	.2	35.0	12.3	748	3.26	32.3	5.7	21.9	3.5	26	6.1	5.0	4.9	73	.55	.089	17	179.4	.61	143	.087	2	1.65	.035	.16	4.0	.19	4.2	1.2	<.05	6

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

Data FA

Toklat Resources Inc. FILE # A202478

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm
G-1	1.3	1.8	2.1	41	<.1	3.8	4.0	510	1.75	1.0	2.7	.8	4.4	70	<.1	<.1	.2
E1 4+25E	2.1	39.4	22.9	108	1.6	37.8	7.2	263	2.41	9.9	.8	7.3	1.8	63	.2	2.1	.3
E1 4+50E	2.6	73.6	36.9	140	1.2	45.6	15.6	686	3.36	17.3	.9	7.7	3.1	93	.3	2.5	.3
E1 4+75E	2.3	62.3	32.2	122	1.7	41.6	7.6	254	2.87	13.7	.9	7.2	2.0	97	.1	2.4	.3
E1 5+00E	1.7	54.8	24.6	123	1.4	34.8	5.7	152	2.42	13.4	.7	7.2	2.5	106	.2	2.0	.3
E1 5+25E	2.4	40.4	24.9	59	1.6	21.1	3.1	182	1.98	7.9	.7	6.1	1.3	61	<.1	2.1	.4
E1 5+50E	2.9	56.8	21.3	143	1.9	43.4	6.8	259	2.69	10.5	.9	6.6	2.4	74	.3	2.5	.3
E1 5+75E	2.4	53.7	17.6	84	1.9	27.8	4.1	217	2.03	7.8	.8	8.5	1.7	72	.1	2.7	.3
E1 6+00E	6.4	68.2	18.4	159	2.4	53.8	6.9	308	2.95	14.6	1.9	6.2	1.6	110	.4	3.4	.3
E1 6+25E	4.3	79.6	15.3	214	1.6	80.6	10.3	505	2.92	15.7	1.7	5.4	2.4	85	.7	4.1	.3
E1 6+50E	8.6	82.9	19.4	242	2.4	77.2	11.3	541	3.37	25.1	2.7	3.1	2.0	123	1.1	5.2	.3
E1 6+75E	10.8	77.6	26.3	180	2.4	44.9	4.9	183	2.91	32.7	2.3	4.8	1.5	96	.6	6.4	.3
E1 7+00E	11.1	133.8	12.7	206	3.7	66.2	4.3	76	2.07	18.6	12.4	5.7	.8	117	.5	3.1	.2
E1 7+25E	5.2	73.8	11.5	240	1.6	54.2	7.3	237	2.85	12.2	2.8	2.3	3.2	86	.7	3.1	.3
E1 7+50E	5.3	74.1	443.9	1236	1.6	64.8	35.0	2495	4.61	60.1	.8	1.7	2.2	63	5.3	9.0	.1
RE E1 7+50E	5.5	78.3	444.3	1272	1.6	64.5	36.9	2589	5.03	60.6	.8	3.1	1.8	66	5.9	9.2	.1
E1 7+75E	8.7	35.4	355.9	508	2.1	22.5	15.4	600	3.78	346.9	1.0	6.2	7.5	106	2.0	15.4	.3
E1 8+00E	13.4	86.1	101.6	729	.9	76.4	34.5	1818	6.79	142.0	1.1	4.7	3.1	47	6.1	10.7	.1
E1 8+25E	6.5	89.3	27.5	160	.3	44.9	35.1	1182	6.63	702.1	.7	7.0	2.0	25	.5	4.4	.1
E1 8+50E	13.9	46.1	180.7	362	1.3	34.4	20.5	1326	5.12	249.6	3.2	8.5	9.3	94	2.1	9.4	.2
E1 8+75E	11.8	38.8	245.4	508	2.1	26.7	13.8	533	3.58	216.0	2.7	17.4	9.9	72	3.1	15.0	.5
E1 9+00E	5.8	54.2	91.5	215	1.4	53.0	12.5	517	2.84	21.0	1.2	1.4	5.2	46	.9	6.9	.2
E1 9+25E	4.4	62.0	19.0	220	1.1	61.2	14.7	748	2.71	11.5	2.6	3.3	2.3	56	.6	1.8	.2
E1 9+50E	4.6	54.5	13.7	111	1.7	39.6	7.5	411	1.83	14.6	2.8	4.5	1.0	115	.2	1.9	.2
E1 10+00E	3.6	67.7	65.7	167	1.8	43.6	8.9	308	2.02	15.3	1.3	2.3	2.9	91	.6	3.8	.3
E1 10+25E	3.3	73.3	29.7	128	2.4	44.1	6.1	276	2.42	12.6	1.6	4.1	1.7	125	.3	2.4	.4
E1 10+50E	1.7	71.3	48.9	209	1.4	43.2	6.3	331	1.90	26.1	.9	3.6	2.4	89	.7	6.8	.3
E1 10+75E	2.7	62.7	77.5	324	1.4	30.5	6.3	509	1.92	26.4	1.4	3.7	1.5	112	3.3	6.3	.2
E1 11+00E	10.6	15.0	116.3	330	.6	19.7	7.7	227	6.11	182.5	1.5	1.6	2.7	83	4.1	4.7	.1
E1 11+25E	16.4	11.9	105.5	53	3.9	5.3	.3	15	.74	20.0	1.1	<.5	6.4	204	.6	12.0	.7
E1 11+50E	7.6	44.5	463.7	3983	1.5	46.2	21.5	908	3.57	62.0	.9	1.1	7.6	83	17.7	8.8	.3
E1 11+75E	2.0	58.8	29.0	181	1.3	31.6	4.1	190	1.42	15.4	.8	1.3	3.6	110	.4	5.8	.3
E1 12+00E	2.8	89.7	184.8	216	1.9	34.4	4.0	127	2.06	26.1	1.5	<.5	3.8	91	.5	7.2	.2
E1 12+25E	1.5	109.1	93.5	430	1.9	81.6	17.6	559	2.74	32.7	.8	4.2	2.4	52	1.5	5.7	.3
STANDARD DS3	8.8	124.6	31.0	153	.2	33.5	11.0	768	3.16	32.4	5.9	18.8	3.4	28	5.8	5.0	5.1

SAMPLE#	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	37	.54	.094	7	12.0	.57	235	.120	2	.89	.095	.51	2.3	.01	2.8	.4	<.05	5
E1 4+25E	10	.16	.063	11	4.3	.02	733	.002	3	.25	.006	.16	<.1	.54	2.0	.2	.32	1
E1 4+50E	12	.19	.105	19	6.4	.02	664	.002	2	.30	.005	.21	<.1	.58	2.4	.3	.45	<1
E1 4+75E	15	.18	.100	13	6.0	.02	537	.002	<1	.37	.006	.20	.1	.51	2.2	.2	.41	1
E1 5+00E	10	.11	.073	14	5.1	.02	553	.001	3	.24	.005	.17	<.1	.45	1.8	.2	.41	1
E1 5+25E	13	.19	.081	12	4.1	.02	1035	.001	<1	.28	.008	.10	<.1	.44	1.3	.1	.24	1
E1 5+50E	11	.15	.055	13	4.1	.03	815	.001	<1	.34	.010	.12	<.1	.48	2.6	.2	.23	<1
E1 5+75E	14	.01	.067	12	4.5	.02	638	.001	<1	.37	.009	.13	<.1	.37	1.7	.2	.26	1
E1 6+00E	19	.11	.079	13	6.6	.03	690	.002	<1	.53	.012	.17	.1	.36	2.9	.2	.32	1
E1 6+25E	16	.14	.080	14	6.2	.03	1020	.002	<1	.40	.004	.11	.1	.22	3.3	.2	.19	1
E1 6+50E	26	.34	.090	12	10.4	.06	787	.003	2	.43	.003	.15	.1	.35	3.5	.2	.27	1
E1 6+75E	26	.10	.071	11	8.5	.03	724	.001	<1	.26	.003	.15	<.1	.34	2.4	.2	.28	1
E1 7+00E	17	.55	.194	12	12.6	.06	1323	.002	<1	.45	.005	.10	<.1	.85	2.3	.2	.20	1
E1 7+25E	12	.06	.059	15	7.2	.04	855	.001	1	.41	.002	.11	<.1	.14	2.7	.1	.15	1
E1 7+50E	15	1.29	.118	15	6.1	.17	388	.001	4	.39	.003	.17	<.1	.13	4.6	.3	.18	1
RE E1 7+50E	15	1.44	.117	16	6.3	.17	376	.001	4	.39	.003	.16	<.1	.11	4.9	.3	.21	1
E1 7+75E	15	.52	.067	24	3.1	.06	379	.001	4	.31	.004	.25	.1	.17	2.2	1.1	.53	1
E1 8+00E	112	.96	.150	26	15.1	.35	822	.002	4	.66	.003	.15	.1	.26	11.1	.3	.20	3
E1 8+25E	93	.48	.108	19	28.6	.59	1106	.003	2	1.33	.003	.12	.1	.07	12.7	.2	.07	5
E1 8+50E	41	.29	.121	38	6.0	.08	502	.001	2	.39	.004	.17	.1	.12	3.8	.9	.32	2
E1 8+75E	18	.12	.054	26	3.9	.04	159	<.001	3	.29	.006	.12	.2	.22	2.1	1.4	.24	1
E1 9+00E	14	1.20	.069	22	4.3	.20	340	.001	2	.24	.003	.10	<.1	.21	3.1	.6	.20	1
E1 9+25E	16	.26	.082	12	11.2	.21	708	.006	<1	.54	.006	.12	<.1	.15	3.0	.2	.08	2
E1 9+50E	14	1.17	.112	8	10.7	.26	1159	.003	3	.44	.005	.09	<.1	.30	2.6	.1	.13	1
E1 10+00E	14	.23	.059	13	7.2	.07	733	.002	<1	.31	.003	.10	.1	.26	2.4	.1	.13	1
E1 10+25E	20	.52	.082	13	7.2	.05	1140	.002	4	.42	.008	.09	<.1	.48	2.5	.2	.21	1
E1 10+50E	14	.28	.072	15	5.2	.03	795	.002	2	.28	.003	.09	<.1	.30	2.2	.1	.15	1
E1 10+75E	13	.53	.068	12	4.3	.03	1010	.001	2	.31	.004	.09	<.1	.14	2.0	.4	.18	1
E1 11+00E	17	1.19	.061	15	3.1	.05	214	.001	9	.32	.007	.51	.1	.06	2.5	.6	1.15	2
E1 11+25E	21	.15	.081	14	4.2	.03	115	.001	5	.12	.002	.12	.1	.31	.4	.3	.17	1
E1 11+50E	10	4.16	.129	22	3.1	.15	155	.001	2	.26	.002	.16	<.1	.53	2.8	.4	.52	1
E1 11+75E	7	.31	.048	13	2.9	.01	395	.001	1	.15	.002	.08	<.1	.25	2.0	.3	.14	<1
E1 12+00E	16	.11	.059	13	6.2	.02	578	.001	1	.20	.002	.08	<.1	.16	2.4	.2	.14	1
E1 12+25E	9	.22	.085	17	3.1	.04	613	.001	3	.28	.002	.07	<.1	.16	2.5	.1	.10	<1
STANDARD DS3	74	.53	.090	16	175.7	.63	143	.088	1	1.71	.037	.16	3.7	.23	4.0	1.2	<.05	6

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

Data h FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.1	1.9	2.4	43	<.1	3.7	3.8	460	1.72	.5	2.6	.5	4.4	83	<.1	<.1	.1	39	.54	.081	7	11.8	.52	241	.130	4	1.04	.145	.53	2.3	<.01	6.9	.3	<.05	5
E1 12+50E	1.2	121.1	49.8	300	2.1	92.5	19.1	373	2.73	24.0	.8	6.9	3.1	64	.9	5.1	.3	9	.19	.078	17	3.1	.04	493	.003	4	.29	.003	.07	.1	.17	2.8	.1	.11	<1
E1 12+75E	1.6	142.4	58.8	463	2.1	166.7	26.5	379	2.85	19.8	1.0	9.2	3.5	93	.9	4.5	.5	14	.30	.073	21	3.7	.03	2146	.002	<1	.52	.004	.07	.1	.19	3.2	.1	.12	1
E1 13+00E	2.2	250.6	63.1	473	2.2	204.6	43.8	919	4.96	34.4	2.0	5.8	5.0	86	1.0	5.4	.5	20	.23	.152	21	5.3	.05	1059	.001	1	.70	.009	.10	.1	.19	5.0	.1	.18	1
E1 13+25E	19.8	97.7	8055.4	491	15.6	26.7	5.2	44	5.06	137.4	1.1	2.1	7.4	99	.8	37.4	.3	31	.08	.079	9	9.2	.02	113	.002	7	.22	.005	.48	.3	5.01	3.0	5.9	1.28	2
E1 13+50E	3.0	148.5	246.4	410	2.5	111.0	26.0	776	4.04	48.4	1.6	4.3	3.3	88	1.4	10.3	.3	22	.23	.111	16	5.2	.06	629	.001	4	.48	.004	.13	.1	.27	3.8	.3	.23	1
E1 13+75E	4.9	112.1	74.2	500	1.9	117.9	24.7	669	4.24	42.8	1.9	1.6	5.9	97	2.7	13.3	.3	31	.19	.156	18	8.6	.06	472	.002	3	.53	.005	.18	.1	.18	4.0	.3	.39	1
E1 14+00E	3.0	102.3	51.2	328	1.0	71.7	22.8	916	3.34	24.9	1.5	2.9	3.9	67	1.5	7.5	.2	23	.44	.108	24	6.1	.11	434	.008	<1	.72	.017	.15	.1	.10	4.0	.2	.15	2
E1 14+25E	3.4	79.9	43.1	240	.7	63.3	24.0	1028	3.58	22.5	1.3	2.9	5.2	48	.9	7.7	.2	16	.69	.108	34	4.2	.09	450	.002	6	.57	.005	.19	<.1	.07	2.9	.2	.19	1
E1 14+50E	20.8	61.9	114.9	1612	1.4	65.4	19.5	824	3.76	48.3	3.1	2.8	2.6	78	14.5	15.4	.1	91	1.32	.139	38	6.7	.10	484	.001	5	.64	.004	.16	.1	.56	4.5	1.1	.22	1
E1 14+75E	8.9	37.1	47.7	273	.7	61.1	26.7	425	4.22	30.7	4.1	1.3	6.0	49	.9	5.7	.8	66	.40	.156	28	6.9	.05	444	.003	3	.46	.010	.10	.1	.19	5.7	.3	.08	1
E1 15+00E	6.1	46.7	28.8	98	.3	50.8	53.7	1210	6.43	14.0	.9	1.1	2.2	51	.2	2.7	.1	41	1.36	.225	29	1.7	.31	166	.002	1	.32	.003	.07	<.1	.07	8.1	.1	.42	1
E2 0+00	7.6	75.6	342.9	958	3.2	85.5	49.7	1310	5.75	53.1	3.3	1.6	11.7	49	5.5	9.5	.4	83	.64	.112	36	68.2	1.33	555	.144	3	1.60	.030	.23	.9	1.05	7.6	.9	.16	5
E2 0+25E	4.4	21.1	85.8	142	.5	17.9	13.7	444	3.44	14.7	.8	2.1	1.9	36	.4	3.9	.1	25	.55	.115	32	12.1	.20	302	.006	2	.85	.009	.16	.1	.24	3.8	.4	.06	2
E2 0+50E	7.4	29.0	547.7	764	3.5	17.9	10.2	352	3.55	98.8	1.1	29.1	1.8	39	3.5	15.1	.1	31	.32	.088	26	11.7	.15	406	.004	3	.65	.010	.17	.2	2.30	3.4	1.7	.18	2
E2 0+75E	8.4	47.5	2140.6	1450	19.9	24.6	14.0	305	4.24	118.9	1.2	19.5	4.7	37	15.9	68.4	.1	42	.14	.069	19	15.1	.14	252	.018	2	.43	.013	.25	.8	4.64	4.8	5.4	.47	2
E2 1+00E	3.8	29.3	489.9	306	5.5	32.0	17.8	661	4.30	28.3	1.2	1.3	2.5	36	1.7	13.7	.2	69	.30	.114	36	55.2	.72	356	.036	1	1.28	.017	.14	.3	.59	5.3	1.6	.13	4
E2 1+25E	5.1	25.6	804.4	164	11.7	17.6	7.0	224	2.36	38.1	1.0	2.4	2.6	65	1.6	20.6	.2	27	.27	.076	39	10.8	.09	595	.004	<1	.41	.007	.12	.3	2.27	2.3	1.5	.14	2
E2 1+50E	4.8	18.5	570.3	112	7.9	10.5	5.1	183	1.88	28.6	.8	2.6	2.0	52	.5	15.2	.1	20	.23	.061	29	8.0	.05	425	.002	<1	.35	.008	.10	.2	1.11	1.9	1.3	.14	1
E2 1+75E	6.9	23.1	455.2	246	5.5	13.2	6.8	301	2.25	31.1	.9	2.4	2.5	50	2.5	15.0	.2	20	.31	.082	31	8.1	.05	429	.003	3	.44	.006	.13	.2	.70	2.8	1.2	.14	2
E2 2+00E	6.2	23.8	429.2	232	4.5	13.9	6.4	224	2.23	28.8	1.1	.9	2.4	63	2.5	14.6	.2	23	.24	.085	38	9.0	.06	453	.004	4	.44	.007	.13	.2	.52	2.5	1.2	.15	2
RE E2 2+00E	6.3	23.0	421.9	237	4.5	14.8	6.5	241	2.17	28.8	1.1	1.4	2.4	66	2.5	14.9	.2	21	.24	.080	36	8.5	.06	458	.003	3	.44	.007	.13	.5	.52	2.1	1.1	.11	1
E2 2+25E	7.5	18.4	444.2	105	3.8	11.1	5.3	233	2.08	29.6	.9	1.4	2.0	65	.5	15.3	.1	24	.14	.071	35	8.6	.05	414	.003	3	.49	.007	.10	.2	.67	1.9	1.2	.13	2
E2 2+50E	4.3	21.5	98.1	124	1.0	17.4	9.7	302	2.12	15.3	.9	.8	1.8	70	1.2	6.6	.1	20	.51	.112	27	12.2	.08	479	.007	4	.45	.008	.13	.1	.19	1.8	.6	.19	1
E2 2+75E	5.5	17.9	99.7	91	.6	16.2	9.1	374	2.39	20.3	.6	1.6	1.6	73	.7	8.6	.1	20	.13	.080	41	8.6	.06	343	.003	3	.38	.007	.13	.1	.09	1.4	.8	.17	1
E2 3+00E	5.7	22.6	82.6	100	.7	18.7	10.9	391	2.55	20.3	.9	1.9	2.8	96	1.1	9.1	.1	21	.38	.105	38	8.4	.07	486	.003	3	.32	.008	.19	.1	.11	1.3	.9	.32	1
E2 3+25E	5.1	23.6	70.3	62	.7	17.9	9.5	367	2.78	18.6	1.0	.8	3.3	83	.3	8.5	.2	17	.15	.075	49	7.4	.06	459	.004	3	.37	.008	.17	.1	.19	2.1	.7	.32	1
E2 3+50E	9.5	28.2	100.6	217	1.0	7.5	4.2	296	2.89	29.5	1.1	1.6	1.2	25	1.6	6.0	.2	22	.06	.079	47	6.5	.07	221	.003	5	.57	.010	.12	.1	.11	1.1	.5	.17	3
E2 3+75E	7.2	20.6	1272.7	156	4.5	7.2	6.3	219	3.35	40.9	.3	5.9	3.2	13	.6	16.4	.1	14	.12	.037	47	3.2	.04	308	.003	6	.22	.005	.31	.1	1.71	2.6	.2	.51	1
E2 4+00E	11.3	48.5	77.2	1053	1.1	14.8	8.7	471	9.36	122.4	1.0	6.6	6.5	8	4.0	9.1	.1	12	.11	.062	71	3.5	.03	122	.001	5	.32	.004	.10	.1	.13	2.5	.7	.10	1
E3 4+00W	5.0	39.3	36.9	81	.3	27.3	26.1	897	4.90	13.9	.7	<.5	5.1	36	.3	3.9	.1	18	.41	.114	52	4.0	.11	279	.002	3	.47	.007	.23	.1	.16	3.4	.2	.17	1
E3 3+75W	3.5	25.2	36.7	55	.3	18.2	15.8	876	3.39	11.2	.9	<.5	2.1	35	.2	2.6	.1	21	.57	.133	37	7.0	.13	340	.003	2	.66	.006	.19	.1	.09	3.9	.3	.14	2
E3 3+50W	4.5	32.1	53.9	67	.5	20.9	15.9	463	3.53	15.0	1.1	1.0	3.0	45	.3	4.2	.1	27	.74	.117	37	7.3	.13	348	.003	2	.63	.006	.16	.1	.15	4.4	.5	.17	1
E3 3+25W	4.9	32.0	60.7	59	.6	21.9	20.6	783	3.90	16.0	1.0	.5	4.1	49	.2	4.5	.1	26	.56	.109	39	9.4	.17	306	.006	5	.57	.006	.18	.1	.14	4.9	.5	.17	1
STANDARD DS3	9.0	124.7	32.3	161	.3	38.2	11.7	799	3.37	31.2	6.2	18.5	3.9	28	5.7	5.2	5.2	78	.55	.089	17	182.7	.60	143	.086	2	1.73	.035	.16	3.7	.25	4.2	1.1	<.05	6

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

Data FA

ACME ANALYTICAL

Toklat Resources Inc. FILE # A202478

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.3	2.1	2.2	41	<.1	4.1	3.9	550	1.82	.9	2.7	.5	5.0	77	<.1	<.1	.2	43	.56	.089	8	12.9	.55	234	.144	<1	1.00	.115	.53	2.2	<.01	3.7	.3	<.05	5
E3 3+00W	4.1	38.9	37.7	91	.3	32.5	26.4	957	3.66	16.0	.7	.6	7.0	37	.4	4.1	.1	23	.46	.154	56	13.2	.22	284	.011	1	.48	.009	.18	.1	.10	5.1	.4	.19	1
E3 2+75W	2.7	38.3	54.6	98	1.0	42.7	19.1	464	2.75	16.4	1.2	2.3	1.5	68	.8	4.9	.1	42	1.40	.161	34	32.5	.63	648	.017	5	1.08	.021	.13	.1	.22	4.0	.3	.22	3
E3 2+50W	4.2	26.4	554.9	93	8.6	20.1	12.9	541	2.41	17.9	.7	2.4	1.6	68	1.0	14.2	.1	27	.64	.115	26	15.0	.16	617	.008	1	.43	.009	.15	.4	.86	2.7	1.3	.24	1
E3 2+25W	3.9	31.9	1482.1	174	21.8	19.4	8.4	241	2.41	26.5	1.0	2.6	3.0	66	1.9	36.1	.1	25	.34	.089	39	10.5	.11	817	.006	2	.51	.010	.13	.8	4.41	2.8	1.0	.18	2
E3 2+00W	5.3	31.4	601.5	119	9.1	20.1	8.5	257	2.74	35.7	1.2	3.2	3.6	72	.8	18.2	.2	29	.30	.075	41	10.8	.08	673	.008	5	.45	.009	.14	.2	1.64	2.9	2.0	.19	1
E3 1+75W	7.8	32.3	749.4	182	7.1	18.6	6.4	243	2.15	35.5	1.4	3.2	4.4	80	1.0	23.5	.2	26	.20	.073	39	10.7	.06	529	.006	1	.40	.006	.15	.2	1.23	2.9	1.8	.20	1
E3 1+50W	5.9	18.6	301.5	146	2.1	11.5	5.3	261	1.43	20.0	.8	2.5	.9	63	.9	8.9	.1	21	.14	.086	30	6.9	.05	408	.003	3	.49	.011	.10	.1	.51	1.2	.9	.12	2
E3 1+25W	4.4	28.1	93.9	89	1.0	28.0	9.9	272	2.50	18.2	1.1	3.0	3.1	81	.2	7.3	.2	25	.43	.092	39	18.3	.15	701	.008	3	.59	.012	.14	.1	.25	3.0	.6	.15	2
E3 1+00W	4.8	24.3	82.6	73	.8	21.7	9.1	438	2.28	18.4	.9	1.8	2.5	89	.6	8.0	.1	21	.64	.095	40	12.0	.12	625	.007	3	.50	.012	.14	.1	.18	2.2	.9	.21	1
E3 0+75W	5.5	25.3	75.0	60	.9	18.9	7.9	283	2.53	20.2	1.1	1.3	4.6	100	.3	9.3	.2	16	.40	.084	46	7.8	.07	554	.004	6	.41	.010	.17	.1	.24	2.5	.8	.25	1
E3 0+50W	10.0	22.2	124.3	51	1.5	14.3	6.8	226	2.34	25.6	1.3	3.7	4.1	83	.1	10.9	.2	29	.25	.088	38	8.9	.06	568	.004	4	.47	.006	.17	<.1	.43	3.0	1.0	.25	2
RE E3 0+50W	9.1	23.6	129.6	52	1.5	15.2	6.9	220	2.45	25.0	1.3	1.8	4.2	82	.2	11.0	.2	31	.24	.084	38	9.2	.05	568	.004	3	.47	.007	.16	.1	.40	2.2	1.0	.20	2
E3 0+25W	9.2	17.2	145.3	64	1.0	16.4	10.2	372	2.50	25.6	.8	3.1	5.9	80	.1	10.8	.2	23	.28	.086	35	7.4	.08	343	.004	3	.41	.006	.14	.1	.38	4.3	.8	.20	2
E3 0+00	6.3	22.3	89.6	131	1.0	19.6	12.6	397	3.17	25.8	1.1	2.4	4.1	82	.5	9.5	.2	25	.41	.115	36	9.5	.10	541	.003	5	.56	.006	.15	.1	.66	4.1	.5	.12	2
E4 0+00	24.1	13.3	148.3	288	.9	4.3	5.0	191	3.99	142.6	.7	6.4	2.1	6	.7	15.3	8.2	22	.02	.079	87	5.2	.02	76	.011	2	.42	.003	.05	.4	.40	.7	.2	<.05	2
E4 0+25E	6.2	35.5	780.2	429	5.2	10.6	9.1	583	5.50	180.6	.5	9.9	1.4	53	.8	29.7	.1	27	.23	.137	29	12.7	.10	403	.004	5	.58	.009	.27	.4	5.04	3.8	1.5	.54	2
E4 0+50E	7.7	20.7	189.7	275	1.2	6.0	3.5	185	4.47	63.4	.9	1.7	1.2	11	.3	9.4	.4	21	.03	.066	22	15.1	.10	104	.011	2	.47	.007	.08	.2	.75	.9	.5	.14	4
E4 0+75E	4.3	9.3	58.4	228	1.3	5.8	3.7	292	2.04	25.9	.8	1.3	.4	9	1.3	2.4	.3	19	.09	.081	17	12.6	.13	128	.007	<1	.76	.013	.06	.1	.16	.5	.2	.06	3
E4 1+00E	15.6	89.6	927.5	1536	9.8	13.4	9.1	454	5.08	352.4	1.0	71.5	5.5	37	19.8	51.4	.1	57	.13	.059	24	9.0	.03	318	.007	5	.34	.007	.24	1.3	3.07	3.6	6.0	.39	2
E4 1+25E	15.2	43.0	888.4	765	10.3	6.8	4.5	221	3.58	325.7	.6	100.0	4.0	38	9.2	48.1	.2	38	.23	.043	20	7.1	.03	318	.009	2	.24	.007	.29	2.2	3.36	2.4	9.7	.56	2
E4 1+50E	10.9	66.8	1049.0	1323	7.8	14.1	9.5	299	7.09	200.5	1.2	47.6	7.3	46	5.7	34.5	.6	43	.15	.084	28	16.3	.12	403	.018	3	.58	.009	.29	1.0	3.59	5.8	6.0	.45	4
E4 1+75E	17.1	180.3	1395.4	920	9.3	12.3	21.1	1381	5.76	367.0	1.1	67.2	5.5	78	12.0	50.6	.2	62	.15	.131	37	12.6	.03	189	.007	1	.46	.025	.48	.9	3.57	7.5	7.2	.99	4
E4 2+00E	2.6	15.0	190.3	95	1.8	5.5	4.4	325	1.07	17.2	.5	2.4	.5	27	1.2	5.7	.1	19	.11	.091	17	4.6	.04	242	.009	2	.77	.014	.06	.2	.34	.7	.7	.13	2
E4 2+25E	7.3	15.1	378.8	129	2.2	9.2	7.2	168	2.17	31.5	.4	.8	4.2	44	.7	11.8	.2	22	.18	.044	36	5.3	.05	396	.002	1	.42	.003	.11	.2	.22	2.1	1.0	.10	1
E4 2+50E	.4	9.3	16.6	27	.1	2.1	4.1	192	.84	5.4	.2	1.5	.1	12	.2	.5	<.1	18	.12	.057	9	2.3	.05	86	.017	4	.65	.026	.04	<.1	.06	1.2	.1	<.05	2
E4 2+75E	.9	7.8	14.7	332	.1	3.5	4.0	357	.92	4.9	.1	<.5	.1	21	.7	.9	.1	15	.31	.058	10	2.9	.06	88	.011	<1	.48	.034	.05	<.1	.04	.9	.2	<.05	1
E4 3+00E	5.1	37.4	66.6	2827	.7	24.3	35.4	3077	5.95	26.6	.7	3.6	3.9	53	9.0	7.6	.1	19	.19	.089	43	7.9	.05	368	.004	2	.51	.008	.14	.1	.14	4.3	3.0	.17	2
E4 3+25E	8.9	24.1	144.6	560	1.2	12.3	5.4	260	3.00	40.7	.8	4.3	4.0	43	2.5	11.5	.1	23	.16	.067	46	6.9	.05	299	.002	3	.37	.005	.12	<.1	.24	2.3	.8	.13	1
E4 3+50E	18.9	72.5	104.8	6677	1.4	51.3	17.0	1197	17.20	55.5	7.3	2.4	6.5	26	16.0	11.6	.2	39	.15	.172	26	7.3	.05	466	.002	3	.80	.006	.13	.1	.22	6.4	3.6	.13	2
E4 3+75E	6.1	34.6	78.8	687	.6	19.7	18.2	991	5.31	42.7	.5	4.0	2.1	28	11.3	6.8	.1	15	.47	.105	26	5.4	.08	293	.001	4	.36	.007	.14	.1	.14	4.3	.3	.16	1
E4 4+00E	9.6	28.7	26.4	467	.2	18.4	10.6	643	2.93	22.1	1.4	3.2	.7	28	5.7	2.7	.4	29	.47	.130	24	7.9	.13	247	.004	2	.80	.010	.10	.1	.06	1.1	.2	.08	2
E4 4+25E	11.2	29.0	56.5	567	.7	13.6	7.7	284	3.69	48.2	1.2	1.9	.9	25	3.5	5.7	.4	30	.24	.113	30	7.8	.07	169	.002	2	.58	.007	.09	.1	.10	1.7	.3	.10	2
E4 4+50E	14.1	25.9	62.4	487	.6	15.7	5.8	261	2.77	38.9	1.9	1.6	1.3	56	22.4	6.0	.4	43	.72	.166	20	6.9	.10	280	.003	1	.60	.008	.10	.1	.13	1.4	.4	.22	2
STANDARD DS3	9.1	126.6	32.6	160	.3	38.2	12.0	818	3.24	32.1	6.3	22.0	4.2	29	5.3	5.5	5.6	79	.55	.084	17	183.7	.60	146	.086	<1	1.80	.035	.16	3.5	.25	4.0	1.2	<.05	6

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.2	1.8	2.6	39	<.1	4.2	3.6	528	1.81	1.0	2.6	.5	4.7	82	<.1	<.1	.2	35	.54	.089	8	12.4	.54	218	.130	<1	.92	.118	.57	2.4	<.01	7.5	.3	<.05	5
E4 4+75E	1.6	5.4	5.5	64	.2	3.8	2.4	70	1.05	5.0	.4	<.5	.1	8	.8	.7	.2	18	.09	.061	7	2.7	.05	62	.006	<1	.34	.024	.03	<.1	.03	.1	.1	<.05	2
E4 5+00E	10.5	28.8	35.9	444	.2	14.3	10.5	426	2.96	27.3	1.0	2.0	2.0	21	5.3	3.5	.3	31	.22	.077	26	9.2	.14	229	.004	<1	.67	.020	.09	.1	.06	2.2	.3	.06	2
E4 5+25E	3.9	38.0	47.7	201	.3	16.8	11.3	466	2.94	21.7	.7	1.9	3.9	20	1.1	3.5	.2	27	.18	.076	39	11.7	.16	438	.004	<1	.99	.005	.10	.1	.04	2.6	.3	<.05	3
E4 5+50E	4.7	39.0	66.5	314	.2	18.0	12.4	425	3.22	26.6	.7	1.8	5.1	23	1.5	4.3	.2	27	.22	.072	39	13.7	.19	247	.003	1	1.08	.006	.11	.1	.04	3.1	.3	<.05	3
E4 5+75E	4.6	30.8	29.6	387	.1	15.6	10.4	318	2.90	22.1	.7	.9	1.6	15	1.7	3.0	.2	31	.10	.097	30	12.3	.14	175	.004	<1	.93	.006	.08	.1	.03	1.6	.2	<.05	3
E4 6+00E	4.1	39.1	38.5	355	.4	36.5	7.7	177	2.46	46.8	.9	2.2	1.0	20	1.0	8.2	.2	23	.05	.095	21	6.7	.05	112	.003	<1	.51	.005	.07	.1	.04	1.0	.2	<.05	2
FL5 9+00N	3.6	29.6	36.2	91	.2	20.0	20.4	1692	4.28	11.1	.7	<.5	3.1	27	.6	1.2	.1	16	.78	.179	53	3.9	.12	409	.003	2	.54	.008	.21	<.1	.09	5.5	.2	.12	1
FL5 8+50N	2.7	33.0	27.2	68	.2	22.6	14.8	1089	3.19	9.9	.9	1.4	1.8	31	.5	.8	.1	10	1.41	.135	57	4.8	.13	561	.005	4	.51	.005	.22	.2	.09	2.7	.2	.15	1
FL5 8+00N	3.4	44.8	51.0	99	.2	20.1	15.0	1036	3.66	10.8	.8	.5	2.8	36	.8	.9	.1	6	1.01	.112	46	3.0	.05	546	.002	4	.54	.013	.26	.1	.15	2.4	.2	.15	1
FL5 7+50N	6.4	31.3	145.4	17	.3	16.6	12.7	817	5.19	22.3	.7	1.9	2.7	43	.1	1.9	.1	4	.72	.094	52	1.8	.05	465	.002	2	.31	.012	.14	.1	.10	2.4	.2	.28	<1
FL5 7+00N	3.9	25.9	375.9	17	.2	12.7	9.3	311	8.60	40.9	1.8	<.5	8.0	99	.1	1.1	.1	5	.25	.151	48	4.0	.02	60	.002	1	1.62	.148	.87	.1	.08	3.3	.5	2.27	3
FL5 6+50N	6.0	18.1	114.7	13	.3	11.7	9.2	544	3.77	17.1	.8	<.5	5.7	61	.1	1.5	.2	3	.30	.104	76	1.5	.04	437	.001	2	.40	.035	.19	.1	.06	2.0	.3	.43	1
FL5 6+00N	5.9	14.9	44.6	16	.2	15.4	10.1	1733	3.86	11.2	.6	<.5	4.4	25	.1	1.3	.2	5	.65	.100	55	1.9	.09	324	.001	3	.38	.006	.16	.1	.06	2.5	.1	.23	1
FL5 5+50N	4.9	14.2	143.8	11	.2	7.8	7.1	576	4.88	10.9	.5	1.3	6.1	59	.1	1.0	.1	7	.70	.109	78	2.2	.07	469	.001	<1	.48	.085	.30	.1	.05	2.1	.3	.89	1
FL5 5+00N	2.7	29.3	23.7	16	.1	11.8	17.8	646	3.89	6.5	.4	<.5	2.2	23	.1	.6	.1	16	.73	.149	36	4.4	.11	383	.002	3	.59	.006	.14	.1	.06	5.6	.1	.18	1
FL5 4+50N	2.1	24.9	51.8	14	.2	9.2	8.9	445	2.92	6.3	.7	1.1	2.7	54	.1	.6	.1	13	1.60	.107	26	4.0	.18	340	.002	4	.53	.018	.18	.1	.09	3.2	.1	.30	1
FL5 4+00N	3.6	31.2	18.9	23	.1	21.7	17.7	859	3.40	8.1	.6	<.5	2.5	32	.2	.7	.1	19	1.03	.108	39	8.0	.16	243	.004	3	.48	.004	.20	.1	.07	4.8	.1	.16	1
FL5 3+50N	2.2	46.0	14.9	25	.2	28.8	18.6	627	3.08	6.6	.4	.7	.9	51	.1	.5	.1	25	1.38	.126	21	9.5	.24	368	.007	3	.64	.010	.16	.1	.10	5.7	.1	.20	1
FL5 3+00N	2.5	51.0	17.6	18	.2	47.2	31.2	736	4.54	8.2	.3	<.5	1.1	33	.1	.7	.1	22	1.27	.116	23	7.9	.14	225	.002	3	.39	.005	.24	<.1	.10	7.2	.1	.19	1
FL5 2+50N	1.6	92.7	14.3	13	.1	95.1	33.8	570	6.56	5.2	.2	<.5	1.5	44	<.1	.4	<.1	11	.82	.148	18	12.7	.11	208	.002	4	.35	.019	.38	<.1	.12	8.6	<.1	.57	1
FL5 2+00N	2.5	79.5	16.2	18	.1	65.5	35.3	966	6.22	6.1	.3	<.5	2.6	20	.1	1.1	<.1	35	.42	.195	27	14.2	.09	160	.004	4	.38	.006	.19	<.1	.16	13.3	.1	.32	1
FL5 1+50N	1.9	64.3	10.4	20	.1	42.1	30.9	968	5.42	5.2	.3	<.5	1.3	20	.1	1.9	.1	33	.71	.157	21	10.6	.13	214	.004	3	.51	.010	.11	<.1	.08	13.5	<.1	.08	1
FL5 1+00N	1.9	81.1	9.0	17	.1	47.0	32.6	1230	5.84	6.4	.2	.5	1.3	21	.1	2.1	<.1	35	.94	.126	19	12.2	.16	225	.002	5	.34	.005	.12	.1	.10	15.0	<.1	.14	1
FL5 0+50N	1.6	123.2	9.0	19	.1	49.1	43.2	1145	5.13	5.8	.1	<.5	1.3	19	.1	1.2	<.1	24	1.27	.125	18	11.5	.49	315	.002	4	.35	.004	.11	<.1	.06	14.8	<.1	.15	1
RE FL5 0+50N	1.7	119.6	8.6	17	.1	47.6	39.9	1090	5.00	5.5	.1	.7	1.2	18	.1	1.2	<.1	24	1.25	.122	17	11.0	.47	314	.002	4	.35	.004	.11	.1	.06	14.7	<.1	.12	<1
FL5 0+00N	1.5	52.3	8.8	19	.1	26.6	21.6	781	3.27	3.9	.3	<.5	.4	25	.1	.5	.1	24	1.06	.122	13	7.6	.21	348	.004	2	.57	.018	.07	<.1	.05	6.9	<.1	.20	1
FL7 0+00	6.5	32.2	24.9	109	.1	19.3	6.8	131	3.07	21.4	1.0	2.2	1.1	3	.3	3.0	.6	35	.02	.144	27	11.3	.13	78	.003	2	.68	.003	.04	.1	.03	.4	.1	<.05	4
FL7 0+25S	4.8	31.6	139.5	94	.2	38.5	13.3	601	4.21	23.3	1.5	.7	1.9	6	.3	3.2	.7	27	.09	.122	18	11.4	.23	363	.003	1	.77	.003	.03	.1	.02	1.6	.1	<.05	2
FL7 0+50S	1.2	7.7	10.9	18	.1	16.8	1.8	45	.79	4.0	1.1	<.5	2.2	19	.3	.2	.2	10	.19	.144	28	4.7	.07	169	.002	1	.33	.003	.04	<.1	.02	.6	<.1	<.05	1
FL7 0+75S	4.6	54.0	46.5	64	.3	28.4	4.4	103	2.29	11.7	6.6	1.9	1.8	35	.2	2.0	.7	22	.27	.242	15	12.6	.22	552	.003	1	1.14	.009	.06	.1	.02	1.1	.1	.15	3
FL7 1+00S	6.3	22.5	7.9	56	.1	27.5	5.1	66	1.34	5.7	1.2	<.5	4.3	13	.1	.7	.2	15	.26	.104	27	4.3	.17	106	.006	2	.51	.011	.03	.1	.01	.6	<.1	<.05	2
FL7 1+25S	7.4	38.6	15.4	34	.1	32.2	6.9	140	2.77	6.9	2.8	.9	3.3	16	<.1	1.4	.6	18	.31	.089	20	9.3	.26	305	.001	2	.75	.003	.03	.1	.02	1.6	<.1	<.05	2
FL7 1+50S	2.6	21.0	27.3	81	.3	24.1	4.4	234	1.90	7.4	6.3	<.5	1.6	16	.2	1.6	.2	22	.37	.105	11	11.4	.31	341	.005	1	.85	.010	.03	.1	.04	1.9	.1	.06	3
STANDARD DS3	9.0	127.6	31.1	153	.3	33.3	10.9	770	3.08	32.8	6.0	22.8	3.9	30	5.7	5.7	5.3	74	.50	.092	18	176.6	.62	141	.095	2	1.86	.038	.17	3.6	.22	4.2	1.2	<.05	7

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

Data FA

Appendix IV

Rock Sample Descriptions

EROS ROCK SAMPLE DESCRIPTIONS

CE2R01 ROCK/FLOAT
str. sil'd fine grained pale green felsic tuff; % f.gr. diss. pyrite;

ET1R1 ROCK
Trench 1; channel sample of weathered material over 1.7m; rock frags are mixed rusty dolomite and black shale;

ET1R2 ROCK
Trench 1; channel sample of weathered material over 3.0;

ET1R3 ROCK/FLOAT
Trench 1; rusty weathering calcareous volcanic – tuff? 5% ankerite spotting; 1% finely diss. metallics – po?

ET2R4 ROCK
Trench 2; channel sample across ferricrete gossan material; oxidized – rusty orange chips / frags of black fine grained shale;

ET2R5 ROCK/RUBBLE
Trench 2; rusty quartz in ferricrete matrix;

ET3R6 ROCK/IN SITU
Trench 3; ferricrete horizon exposed by trenching; fragments of black shale +/- quartz in red-orange ferricrete matrix;

ET3R7 ROCK/FLOAT
Trench 3; ferricrete; large rusty quartz fragments with microfracture healed with red oxide, poss. after sulphide;

ET3R8 ROCK/FLOAT
Trench 3; volcanic? fine grained matrix; core is non reactive to dilute HCl; outer rind is weathered orange, reacts weakly to dilute HCl;

ET5R9 ROCK/FLOAT
Trench 5; ferricrete with volcanic clasts;

ET5R10 ROCK/IN SITU
Trench 5; schist exposed in floor of Trench 5; blue-green fine grained sericite schist; 3% f. diss, locally crystalline
pyrite cubes;

ET6R11 ROCK/FLOAT
Trench 6; ferricrete;

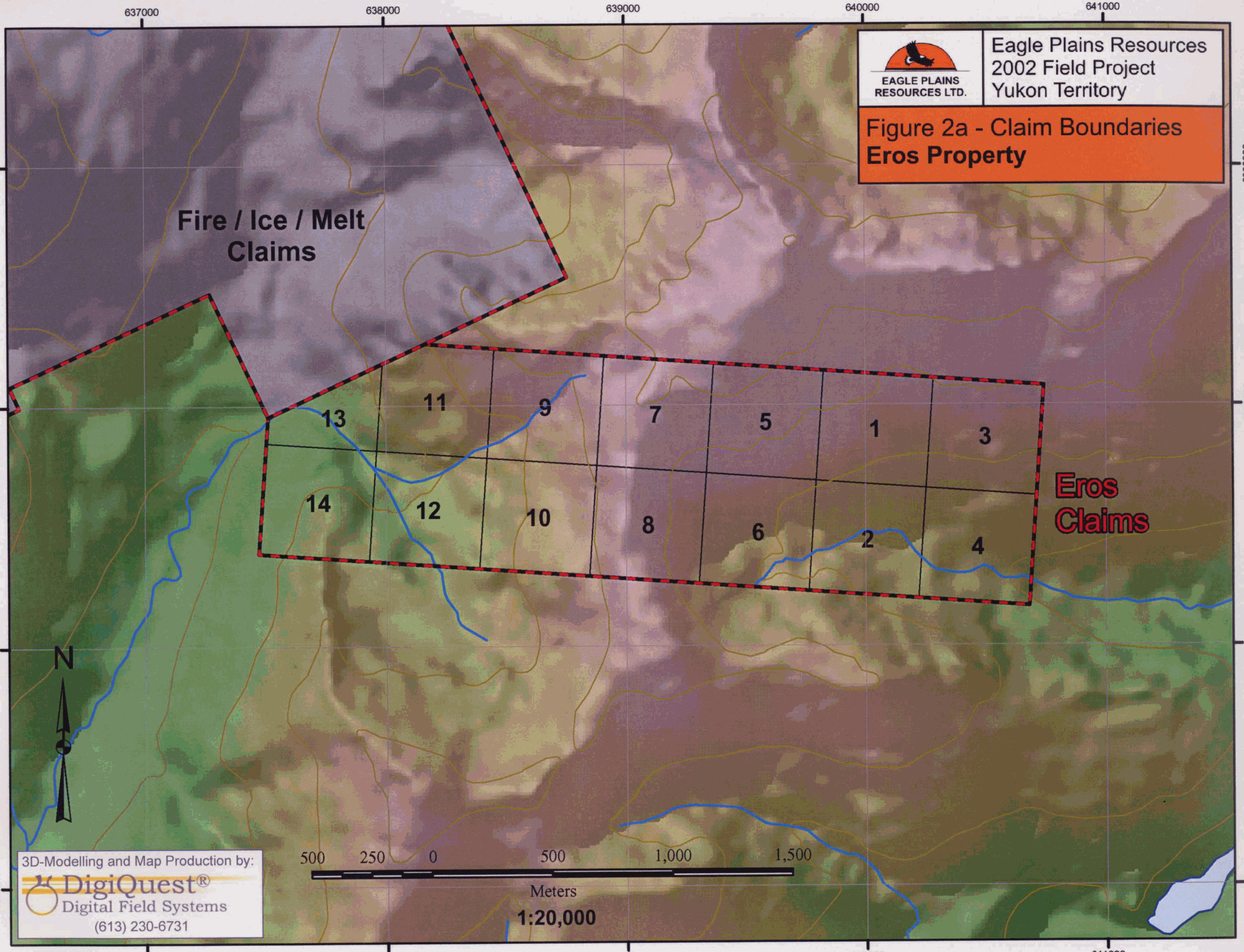
Sample Number	UTM NAD83 Easting	Northing	Altitude (m)	Sample Date and Time	Sample Setting	Description
GFN35A	6834227.27	639705.76	????	03/07/2002 ??:??	Rock / In Situ	Light yellow, highly altered, qtz-sericite-chlorite tuff - no mineralization
GFN37A	6834159.18	639617.7	1850	7/3/02 15:55	Rock / In Situ	Heavilly pyritized qtz-sericite-pyrite schist; 10% qtz / chert phenocrysts / clasts - pyrite occurs as 2-cm thick concordant nodules;
GFN38A	6834159.18	639617.7	1850	7/3/02 15:55	Rock / In Situ	Qtz-sericite-py schist (host rock of pyrite mineralization)
GFN38A	6834094.69	639578.72	1859	7/3/02 16:41	Rock / In Situ	Moderately-altered, light-red, medium-grained tuff
GFN40A	6834103.17	639507.28	1853	7/3/02 17:36	Rock / In Situ	Pyrite horizon (~ 0.5 cm) within moderately silicified vesicular rhyolite flow - country rock consists of light-yellow altered tuff
GFN41A	6834083.66	639452.29	1844	7/3/02 17:56	Rock / In Situ	Fine-grained, light-red, carbonaceous altered tuff - disseminated cm-scale pyrite nodules - type section of cprx
GFN44A	6833959.49	639243.6	1839	7/3/02 18:46	Rock / In Situ	Plagioclase phenocrystic, very-fine-grained diorite taken from discordant contact with country rocks (altered tuff and lapilli tuff)
GFN50	6834204.51	638340.63	1684	7/4/02 12:29	Rock / In Situ	Dark-red, matrix supported pebble conglomerate with strong anastomizing texture
GFN52A	6833959.5	638322.7	1730	7/4/02 12:59	Rock / In Situ	Silicified, light-green, resistant ash / lapilli tuff (?)
GFN57	6833725.77	638153.55	1720	7/4/02 14:46	Rock / In Situ	No notes in book!!
GFN58	6833659.41	638280.53	1767	7/4/02 15:05	Rock / In Situ	Red weathering, greyish-green, reworked tuff (weakly to non-altered) - reddish-brown carbonate blebs make up about 10% of rock
GEN59B	6832123.28	640483.94	????	04/07/2002 ??:??	Rock / In Situ	More intermediate volcanics - compare to the rest of the tuffs in the area
GFN63A	6833544.26	638717.2	1893	7/4/02 17:07	Float	Nice F2 isoclinal fold present in float - rock is classic cap rock - dark black argillite with mm-scale carbonate / reworked ash tuff laminations
GFN66	6833977.2	639406.16	1883	7/5/02 10:57	Rock / In Situ	Moderately-altered, light-red, medium-grained carbonaceous tuff; 5-10% qtz phenocrysts; black metallic mineral that bleeds emerald green (fucshite ?)
GFN70	6833667.37	639394.55	1884	7/5/02 12:27	Rock / In Situ	Vfg, porphritic plagioclase diorite (trace of chalchopyrite)
GFN71F	6833606.22	639388.43	1924	7/5/02 13:20	Float	Mineralized horizon (py/cpy/sph +/- barrite) in highly altered, white, fine-grained tuff
GFN73	6833590.74	639351.11	1947	7/5/02 14:08	Rock / In Situ	Light-tan to buff, cm-scale vesicular rhyolite flow (concordant) in moderately altered tuffs; flow contains same strange emerald green mineral as sample GFN66
GFN78	6833375.56	639368.2	2001	7/5/02 16:03	Rock / In Situ	Carbonaceous, framework supported pebble to cobble breccia
GFN80	6833371.69	639438.63	1976	7/5/02 16:18	Rock / In Situ	Fault gouge or highly altered lithic lapilli tuff - light yellow and very recessive
GFN89	6833065.99	639676.21	2012	7/5/02 19:34	Rock / In Situ	Dark rusty red, highly altered tuff

Appendix IV: Hand Sample Descriptions

Sample Number	UTM NAD83 Easting	UTM NAD83 Northing	Altitude (m)	Sample Date and Time	Sample Setting	Description
GEN01	6832750.17	640478.78	2114	7/6/02 11:28	Rock / In Situ	Sample of dyke cross-cutting regional foliation and parallel to set of joints. Fine-grained, sandy-brown, massive
GEN03	6832798.79	640202.95	2084	7/6/02 12:34	Rock / In Situ	Fine-grained, light grey pyritiferous Limestone - nice mm-scale euhedral cubes
GEN06	6832875.46	639774.74	2109	7/6/02 13:28	Rock / In Situ	Dark-black argillite interlayered with 20 cm thick carbonate layers
GEN08	6832816.75	639295	2013	7/6/02 14:22	Rock / In Situ	Classic altered light grey tuff - use for unit description
GEN15	6831814.31	639268.12	1796	7/6/02 17:08	Rock / In Situ	Fine to medium-grained, light grey dirty limestone
GEN16	6831787.51	639096.09	1860	7/6/02 17:29	Float	Highly altered, lightly pyritiferous (disseminated) lapilli tuff
GEN23A	6831396.22	639222.12	1845	7/7/02 12:47	Rock / In Situ	Medium-grained, massive diorite from 35 m wide discordant dyke with no evidence of faulted contacts
GEN25	6831504.52	639145.57	1855	7/7/02 13:26	Rock / In Situ	Locally pyritiferous (1-2%) massive carbonaceous siltstone - sample to be compared with GEN15
GEN33	6832079.08	639531.67	1877	7/7/02 16:38	Float	Strongly indurated, massive, light-grey / rusty-red pyritiferous (5%) limestone with strange reaction rim on weathered surface
GEN37	6832309.46	639714.62	1930	7/7/02 17:56	Rock / In Situ	Weakly altered, light greenish-grey, lithic lapilli tuff with 5 mm anastomizing texture
GEN39	6832116.91	639925.12	1765	7/9/02 11:15	Rock / In Situ	Massive light-green, fine to medium-grained, well-indurated sandstone. Fractures commonly infilled with carbonate.
GEN51	6832506.5	640544.43	1961	7/9/02 15:16	Rock / In Situ	Light greenish-grey pyritiferous (disseminated - 3%) ash or lapilli tuff; quartz phenocrysts make up 20% of rock; rock has been altered to epidote
GEN52	6832375.89	640550.3	1878	7/9/02 15:54	Rock / In Situ	Light rusty red, massive, very-fine-grained, weakly altered intermediate tuff; quartz phenocrysts comprise 10% of rock
GEN55	6832161.03	640793.76	1776	7/9/02 16:57	Rock / In Situ	Fine-grained, very-well-indurated, dark green to black pyritiferous (disseminated - 1%) weakly altered lapilli tuff
GEN56	6832126.3	640730.1	1757	7/9/02 17:19	Rock / In Situ	Fine-grained, very-well-indurated, dark green to black pyritiferous (disseminated - trace) weakly altered lapilli tuff
GEN58	6832068.08	640563.25	1744	7/9/02 17:56	Rock / In Situ	Light-red / buff fine-grained, massive, carbonaceous siltstone with cm-spaced cleavage; rock contains 10 - 15% orange to dark red carbonaceous blebs; compare with GEN15
GEN59	6832123.28	640483.94	1751	7/9/02 18:33	Rock / In Situ	Fine to medium-grained, locally vesicular, light-grey, pillowed rhyolite flow; carbonate filled tension gashes; weakly disseminated rusty red mineral
GEN60	6831983.81	640166.25	1668	7/9/02 18:49	Rock / In Situ	Fine-grained calcareous graphitic schist
GFN26	6834893.42	639665.99	1833	7/3/02 11:07	Rock / In Situ	F2-isoclinally folded intermediate vesicular fine-grained flows
GFN30A	6834359.59	639711.31	1861	7/3/02 13:12	Rock / In Situ	Medium-grained reworked tuff; mm-scale layers of fine altered sericite and epidote; 20% orange / red carbonate blebs
GFN33A	6834265.65	639692.2	1858	7/3/02 14:14	Rock / In Situ	Light-green, weakly altered lapilli tuff (clasts upto 2 cm in diameter) - could also be a flow breccia (?)

Appendix V

Tenure Map



Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 2a - Claim Boundaries
Eros Property
Fire / Ice / Melt Claims
Eros Claims
1
2
3
4
5
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13
14
N
637000
638000
639000
640000
641000
6833000
6832000
6831000
6830000
500 250 0 500 1,000 1,500
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