GEOLOGICAL REPORT

for the

MM Property
PELLY MOUNTAIN PROJECT
MM 1-22 CLAIMS

Watson Lake Mining Division, Southcentral Yukon Territory
Mapsheets 105-F-07
Latitude 61° 27' N, Longitude 132°38' W
NTS 6815119 N / 624278 E

Prepared for:

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SEPTEMBER 30 2002

02-056

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SUMMARY

The MM property (also known as the JJ and DD) consists of 22 units located in the Seagull Creek area of the Yukon Territories, approximately 55 km south of Ross River in the Watson Lake Mining district. The claims are centered at Latitude 61° 27"29" N, Longitude 132°38"32"W; NTS 6815119 N / 624278 E. The claims 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. Work by past operators on the property has identified at least three lenses of massive sulphide mineralization associated with a tuffaceous horizon within a strongly altered and deformed sequence of sedimentary and felsic volcanic rocks. The sulphide lenses appear to have formed above trachyte domes. Diamond drill testing of the sulphide zones intersected classic Kuroko type volcanic sequences. Although the property has had extensive geological work carried out on it, much of the data is not within the public domain.

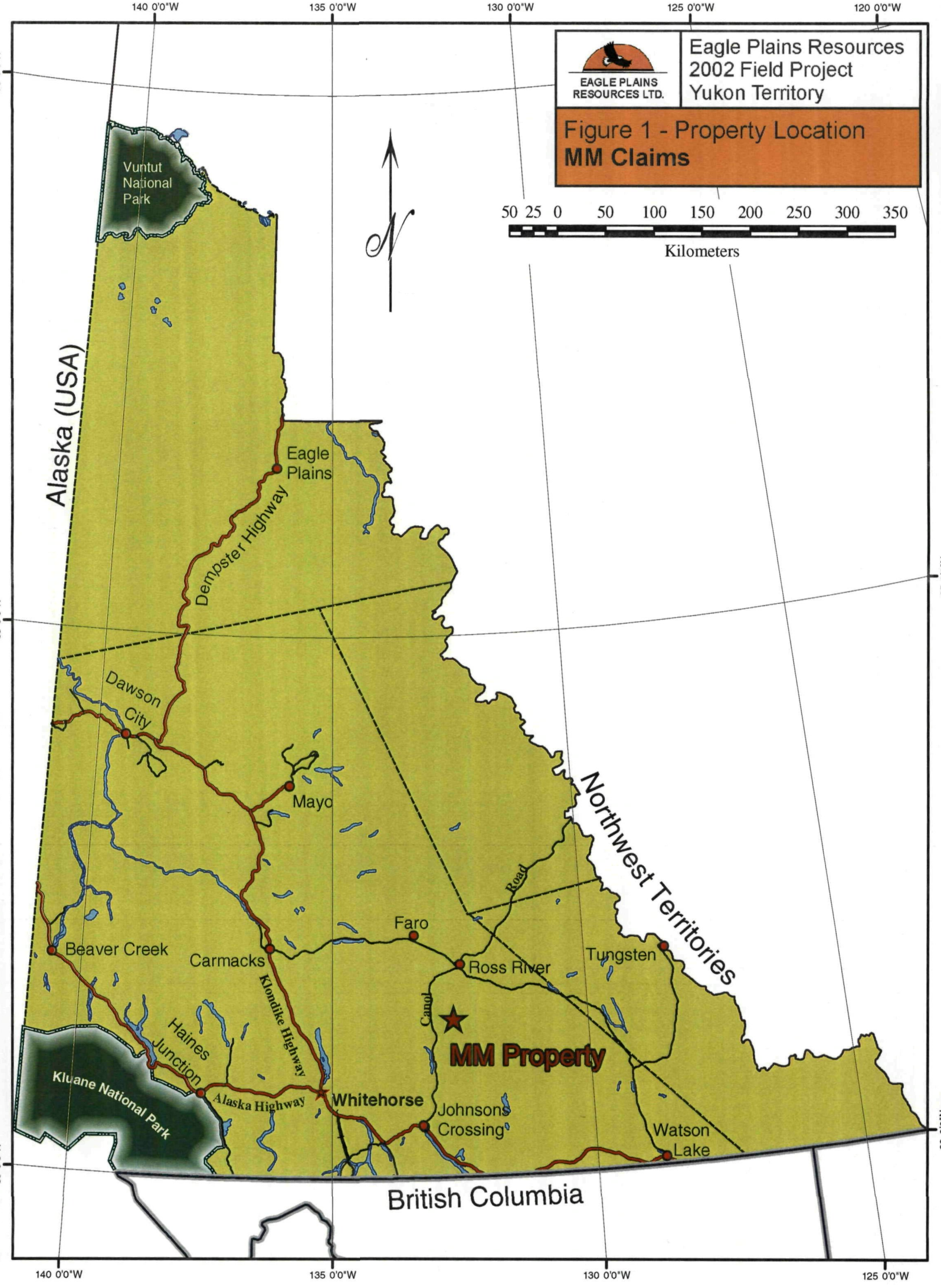
The MM 1-10 claims were staked by Bernie Kreft of Whitehorse on behalf of Eagle Plains in February 2002. A further 10 claims were staked by Eagle Plains during the 2002 field program.

Eagle Plains Resources 2002 field program on the MM claims consisted of geological mapping, prospecting, soil sampling and silt sampling. The results are very encouraging and further work is recommended to continue to evaluate the MM property area for more massive sulphide deposits.

The total cost of the 2002 field program was $34,688.14

LOCATION AND ACCESS (Fig.1, following page)

The MM property is located at 61° 27' N LAT/132° 40' W LONG on NTS Mapsheet Sleep Creek 105-F-07 in the south-central Yukon Territory (see Fig.1). The property is situated 58 kilometres S.S.W. of Ross River, approximately 22 kilometres east of the South Canol Road. The property consists of 22 quartz claim units named the MM 1-22 , administered through the Watson Lake Mining Recorder. (see Fig.2). The property is accessed by helicopter from either the Ketza River mine road, located approximately 17 km east of the property, the Seagull Creek road located approximately 10 km southwest of the property, or from the Fox Creek road, located approximately 24 km northwest of the property. The nearest helicopter base is in Ross River. Topography is moderate to steep with many cliff sections on north facing slopes. The majority of the property is above treeline and there is generally good bedrock exposure.



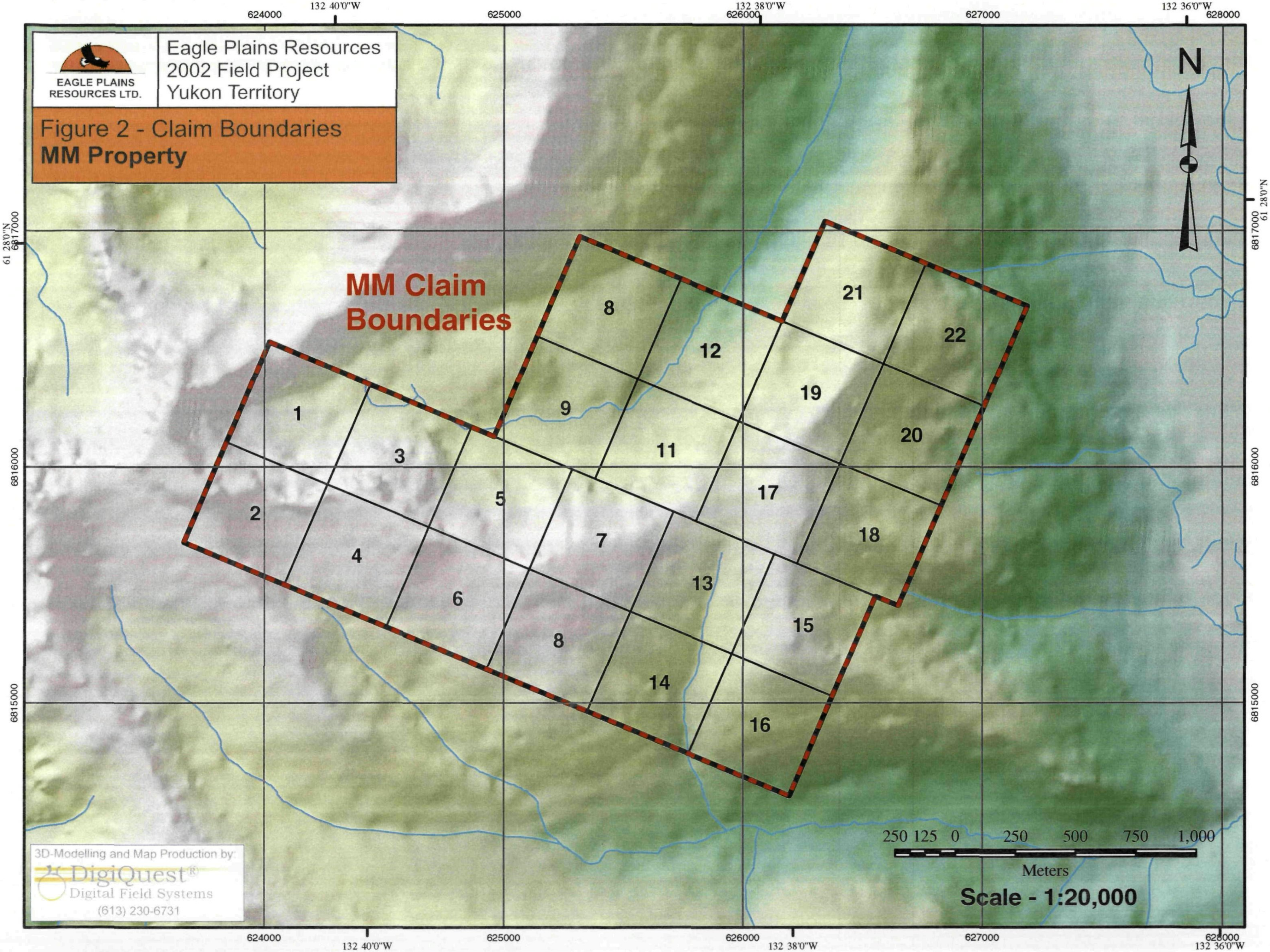
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 1 - Property Location
MM Claims
50 25 0 50 100 150 200 250 300 350
Kilometers
N
140 0'0"W
135 0'0"W
130 0'0"W
125 0'0"W
120 0'0"W
70 0'0"N
65 0'0"N
60 0'0"N
Vuntut National Park
Alaska (USA)
Eagle Plains
Dempster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

TENURE (Fig. 2 following page)

The property consists of 22 Quartz claims located on the Sleep Creek Mapsheet within the Watson Lake Mining District. 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
MM 1-12	YB93603-614	105F-07	2007/02/11
MM 13-22	YB94149-158	105F-07	2003/07/29

TOTAL: 22 units

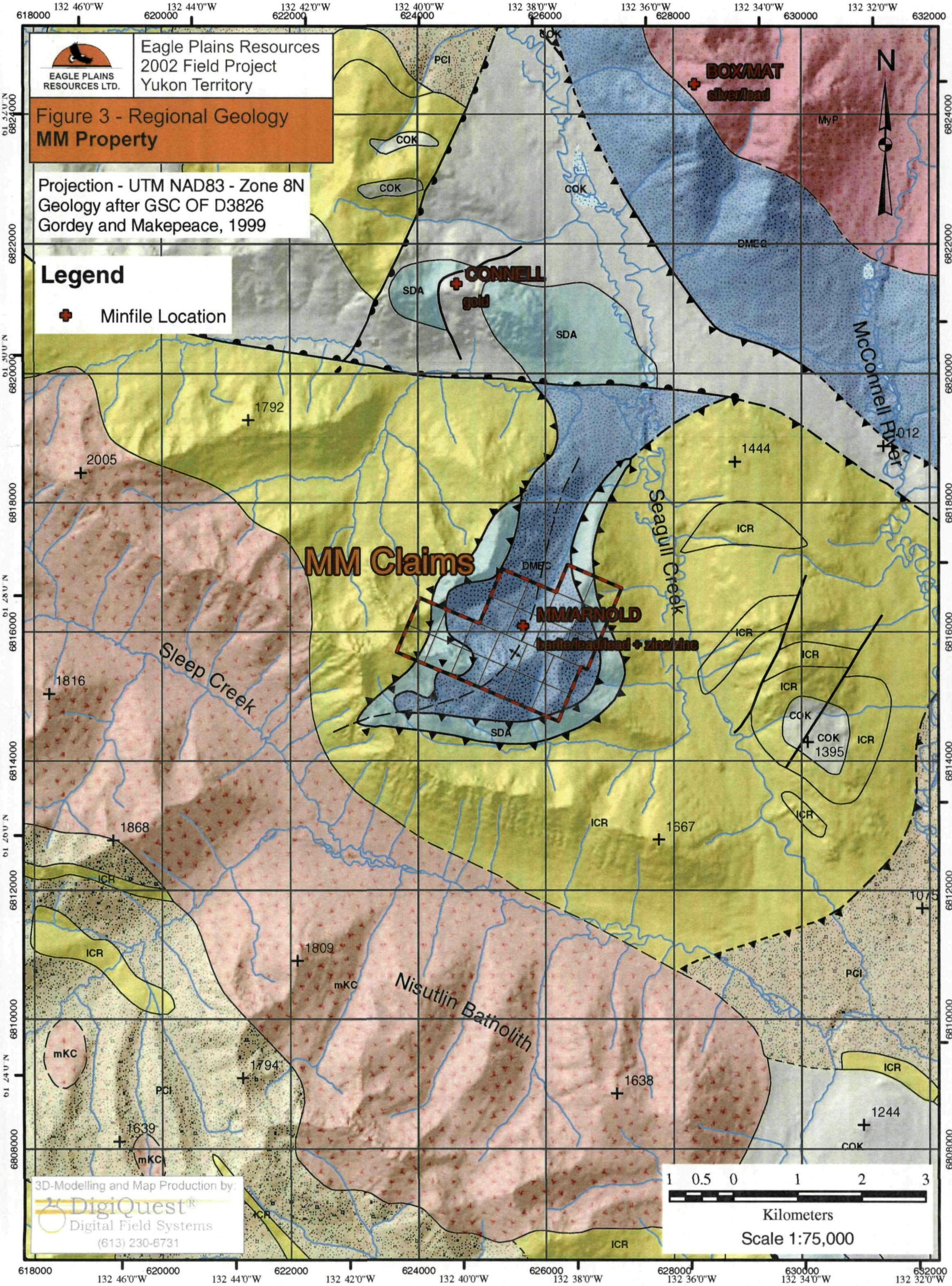


EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 2 - Claim Boundaries
MM Property
MM Claim Boundaries
N
1
2
3
4
5
6
7
8
9
11
12
13
14
15
16
17
18
19
20
21
22
624000
625000
626000
627000
628000
132 40'0"W
132 38'0"W
132 36'0"W
6817000
6816000
6815000
61 28'0"N
250 125 0 250 500 750 1,000
Meters
Scale - 1:20,000
3D-Modelling and Map Production by:
DigiQuest®
Digital Field Systems
(613) 230-6731

HISTORY AND PREVIOUS WORK

The MM property area was originally staked as the Zink claims by a Spartan EL - Mitsui Mining and Smelting joint venture in 1970. The claims were restaked as 157 MM and JJ claims in 1973 by Anvil Mining Corporation. Anvil carried out mapping, geochemical, magnetic and gravity surveys and four diamond drill holes. In 1975 the claims were transferred to Cyprus Anvil who entered into a joint venture on the property with Hudson's Bay Oil and Gas. The joint venture drilled a total of 11 holes and carried out geological mapping between 1975-78. In 1985, the property was transferred to Curragh Resources, which performed trenching in 1987 and 1988. Anvil Range acquired the property through Curragh Resources and drilled four holes in 1996. The claims lapsed in 2001. The current core claims were staked by Bernie Kreft of Whitehorse for Eagle Plains Resources in February 2002, with more claims acquired as part of 2002 fieldwork.

Much of the data and results from the historical work programs is not in the public domain and therefore was not available for purposes of compilation or comparison.


EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 3 - Regional Geology
MM Property
Projection - UTM NAD83 - Zone 8N
Geology after GSC OF D3826
Gordey and Makepeace, 1999
Legend
Minfile Location
N
BOX/MAT
silver/lead
CONNELL
gold
MM/ARNOLD
barite/lead/lead + zinc/zinc
MM Claims
McConnell River
Seagull Creek
Sleep Creek
Nisutlin Batholith
PCI
COK
SDA
DMEC
MyP
ICR
mKC
1792
2005
1816
1868
1809
1794
1639
1444
1667
1395
1638
1244
1075
1012
1 0.5 0 1 2 3
Kilometers
Scale 1:75,000
3D-Modelling and Map Production by:
DigiQuest
Digital Field Systems
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6814000
6816000
6818000
6820000
6822000
6824000
132 46'0"W
132 44'0"W
132 42'0"W
132 40'0"W
132 38'0"W
132 36'0"W
132 34'0"W
132 32'0"W
61 32'0"N
61 30'0"N
61 28'0"N
61 26'0"N
61 24'0"N

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

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)

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 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

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

ICR: 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

GEOLOGY

Regional Geology (Fig.3 following page)

The volcano-sedimentary rocks which host the Wolf and MM deposits as well as Eagle Plains Resources FIRE/ICE/ MELT and EROS 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 Mountains 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), and the BNOB (ICE claims).

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.

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.4; Plate 1, Plate 2 and 3, Plate 4 and 5 following)

Geologic mapping was focused on the east side of the trachyte dome where the main gossanous outcrops were exposed beautifully (Plate 1; Fig. 4). A total of six days of mapping was conducted on the property with the objective of gaining a good understanding of the distribution of the metavolcanic rocks on the property as well as the structure and style of mineralization and alteration. Eagle Plains Resources hopes that analysis of this new data, along with pre-existing data from past work will lead to some exciting new exploration targets in the near future.

Stratigraphy

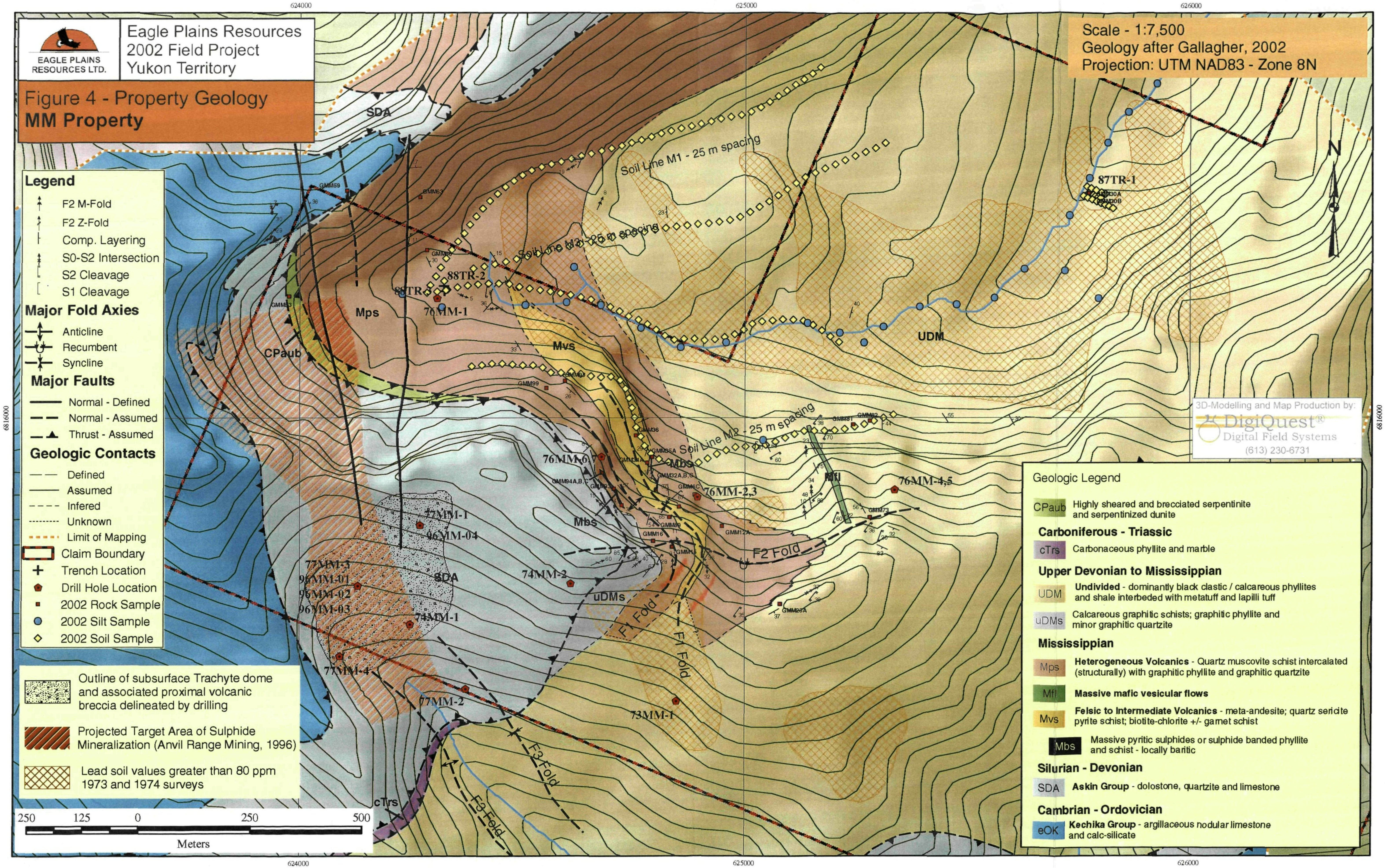
Rocks of the MM property are exposed as a tectonic window through surrounding carbonate sediments (Fig. 2 and 5). In general, property geology consists of a several hundred meter thick succession of highly gossanous, generally recessive, intermediate to felsic volcanics (Plate 1) which are "sandwiched" between carbonaceous pelitic sediments (Morin, 1977; Mortensen and Godwin, 1982). Rocks of the MM property display a classic VMS deposit stratigraphy. Drilling has confirmed that the volcanics pass into a trachyte dome, several hundred meters in diameter, that is bordered by volcanic breccia (Mortensen and Godwin, 1982). Mineralization occurs in a pyritic quartzite present in the mid to upper structural levels of the volcanic sequence (Morin, 1977, Hunt, 2002). Footwall rocks are interpreted to have an intermediate to felsic volcanic protolith while hanging wall protoliths are believed to be mafic to intermediate volcanics and felsic volcaniclastics. The property stratigraphy is complicated by the highly deformed nature of the rocks; they have experienced at least two transposition events (this report; Morin, 1977) followed by a third folding event. The following are detailed lithologic descriptions of the map units depicted in Figure 4 taken from 2002 mapping, Hunt (2002) and Gordey and Makepeace (1999).

Unit – Cpaub - Highly sheared and brecciated serpentinite and serpentinized dunite
Present along thrust fault boundary (Fig. 4) as dunite with brecciated 2 cm clasts of calcsilicate schist. The rock is dark grey to black with a fine-grained matrix. Locally there are trace amounts of pyrite and pyrrhotite.

Unit – cTrs - Carbonaceous phyllite and marble
A thin unit of variably graphitic carbonaceous phyllite and marble is present along the lower thrust fault boundary in the south of the map area (Fig. 4). The rock is light to medium grey to green, fine-grained and locally altered to olivine. Quartz is visible along some bedding planes as are traces of pyrrhotite.

Unit – UDM – Undivided
This unit is dominated by black clastic / calcareous phyllites and shale interbedded with minor metatuff and lapilli tuff. The dark black metasediments are very similar in nature to those of unit uDMs (See below). These are intercalated on meter to decimeter-scale with felsic tuffs (quartz-feldspar-muscovite schists) that are quite similar to the quartzofeldspathic schists of unit Mps with the exception of being not diagnostically pyritiferous and much less altered and gossanous.

Unit – uDMs – Calcareous graphitic schist
This unit has a maximum inferred thickness of ~60 meters and is mapped structurally below the thrust fault that separates the volcanic sequence from overlying calcareous pelitic sediments (Fig. 4). It is therefore the highest structural unit in the volcanic sequence. The unit is interpreted to have a sharp basal contact with intermediate to felsic volcanics lying structurally below it. Rocks are characterized by a reddish-brown to orange weathering colour, with distinct intrafolial pockets of preferentially weathered out orange carbonate.


EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 4 - Property Geology
MM Property
Scale - 1:7,500
Geology after Gallagher, 2002
Projection: UTM NAD83 - Zone 8N
Legend
F2 M-Fold
F2 Z-Fold
Comp. Layering
S0-S2 Intersection
S2 Cleavage
S1 Cleavage
Major Fold Axies
Anticline
Recumbent
Syncline
Major Faults
Normal - Defined
Normal - Assumed
Thrust - Assumed
Geologic Contacts
Defined
Assumed
Infered
Unknown
Limit of Mapping
Claim Boundary
Trench Location
Drill Hole Location
2002 Rock Sample
2002 Silt Sample
2002 Soil Sample
Outline of subsurface Trachyte dome and associated proximal volcanic breccia delineated by drilling
Projected Target Area of Sulphide Mineralization (Anvil Range Mining, 1996)
Lead soil values greater than 80 ppm 1973 and 1974 surveys
250 125 0 250 500
Meters
Geologic Legend
CPaub Highly sheared and brecciated serpentinite and serpentinized dunite
Carboniferous - Triassic
cTrs Carbonaceous phyllite and marble
Upper Devonian to Mississippian
UDM Undivided - dominantly black clastic / calcareous phyllites and shale interbeded with metatuff and lapilli tuff
uDMs Calcareous graphitic schists; graphitic phyllite and minor graphitic quartzite
Mississippian
Mps Heterogeneous Volcanics - Quartz muscovite schist intercalated (structurally) with graphitic phyllite and graphitic quartzite
Mfl Massive mafic vesicular flows
Mvs Felsic to Intermediate Volcanics - meta-andesite; quartz sericite pyrite schist; biotite-chlorite +/- garnet schist
Mbs Massive pyritic sulphides or sulphide banded phyllite and schist - locally baritic
Silurian - Devonian
SDA Askin Group - dolostone, quartzite and limestone
Cambrian - Ordovician
eOK Kechika Group - argillaceous nodular limestone and calc-silicate
3D-Modelling and Map Production by:
DigiQuest
Digital Field Systems
(613) 230-6731
Soil Line M1 - 25 m spacing
Soil Line M3 - 25 m spacing
Soil Line M2 - 25 m spacing
87TR-1
88TR-2
76MM-1
76MM-6,7
76MM-2,3
76MM-4,5
77MM-1
96MM-04
77MM-3
96MM-01
96MM-02
96MM-03
74MM-1
74MM-2
77MM-4
77MM-2
73MM-1
F2 Fold
F1 Fold
F3 Fold
SDA
Mps
CPaub
Mvs
Mbs
uDMs
UDM
Mfl
cTrs
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625000
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6816000

Plate 1 - Composite view, looking south, at the well exposed outcrops of the MM claims with the major map units delineated. The axial surface trace of the large-scale, recumbent F_2 fold hinge skims the ridgeline. Areas of significant mineralization (semi-massive to massive sulphides) are delineated in red. The field of view is approximately 750 meters east to west. Man, that was a nice day!

Plate 2 - View looking south at deformed, bright yellow pyritiferous altered tuffs. Mineralization occurs as discontinuous massive pyrite lenses (1) that have been transposed parallel to the regional foliation S_{T1}. The foliation is folded by an upright, moderate, F_3 fold.

Plate 3 - View looking east along mineralized horizon at station GMM-32.

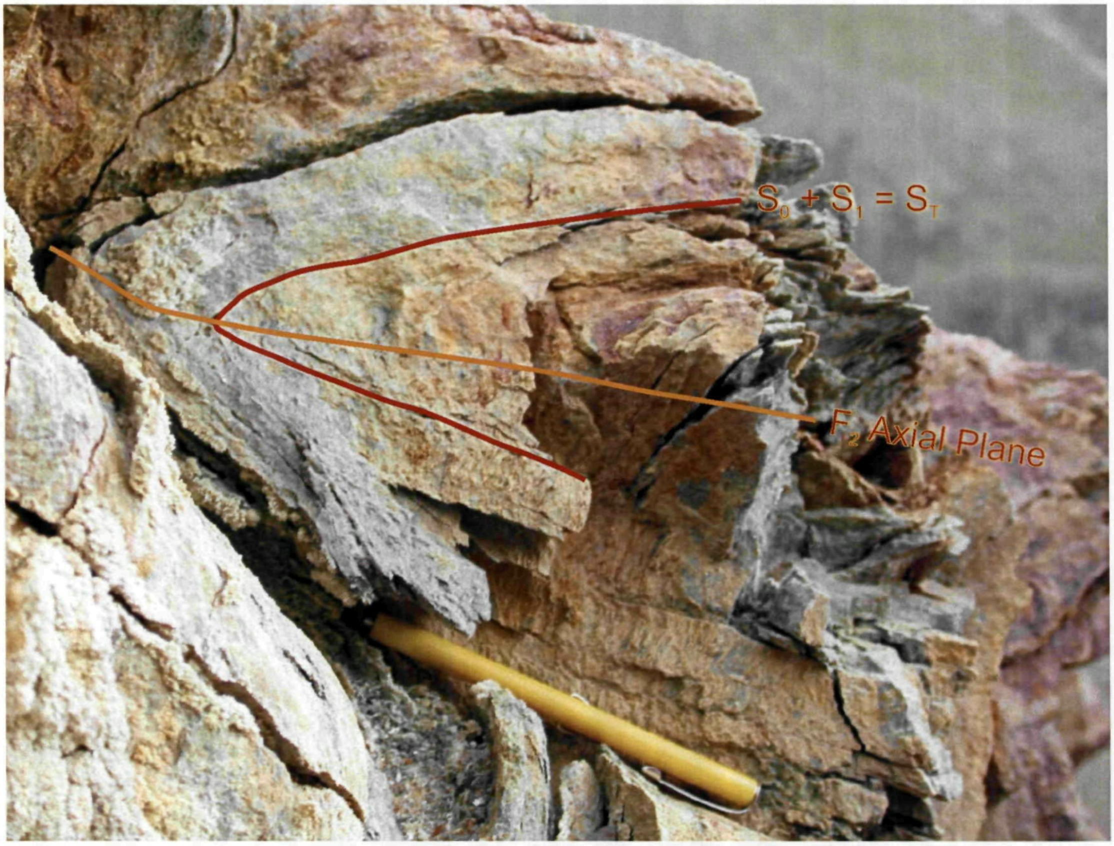


Plate 4 - View looking west at banded massive pyrite in host altered quartz-muscovite-sericite schist. The massive sulphides are parallel to the S_{T1} transposition foliation and are folded by F_2 folds

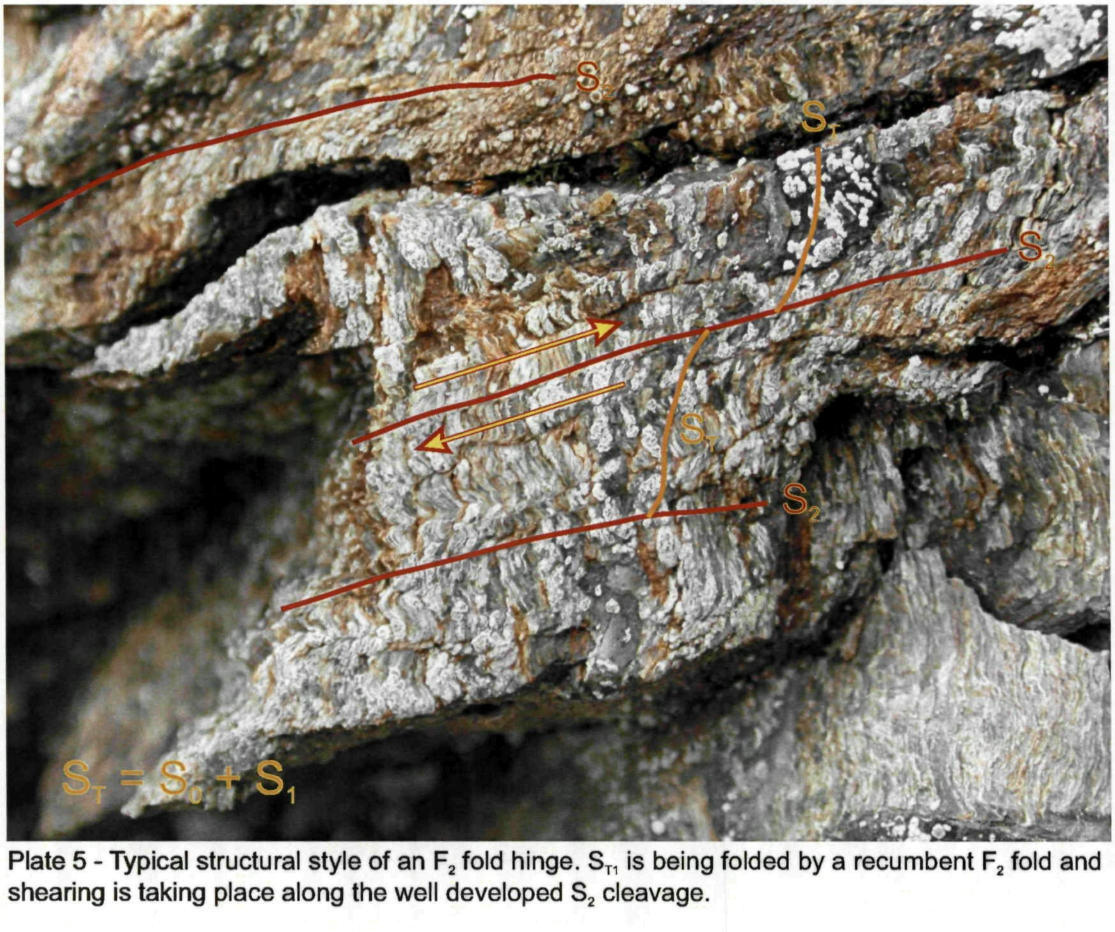


Plate 5 - Typical structural style of an F_2 fold hinge. S_{T1} is being folded by a recumbent F_2 fold and shearing is taking place along the well developed S_2 cleavage.

Compositional layering in the calcareous graphitic schist is defined by 1-2 cm thick discontinuous coarse layers of quartz and carbonate, and fine-grained chlorite-muscovite-graphite rich layers. Variations in quartz and graphite abundance result in compositions ranging from graphitic phyllite to graphite-bearing quartzite. The graphitic phyllite is dark grey to black on both the fresh as well as the weathered surfaces and compositional layering is defined by mm-scale dark layers of graphite or graphitic material and quartz rich layers.

Unit – Mps - Heterogeneous Volcanics
This unit consists of silvery-orange quartzofeldspathic muscovite schist intercalated (lithologically and structurally?) with graphitic phyllite and muscovite-rich quartzite similar to that described above. The resistant quartzofeldspathic muscovite schist is a 50 to 60 meter thick heterogeneous unit that is well exposed at the center of the map area (Fig. 4). The unit is highly altered displaying oxidized muscovite, pyrite (?) and sericitized feldspar porphyroclasts resulting in a rusty red to orange weathered surface. The fresh surface of the rock reveals light grey 1-2 cm thick quartzofeldspathic domains bounded by an anastomosing foliation defined by a medium-grained rusty red muscovite parting. Medium-grained quartzofeldspathic domains consist of 80% to 90% quartz; the remainder is 0.5 to 1.5 mm potassic feldspar porphyroclasts and locally disseminated pyrite. Upper and lower contact relationships remain unknown.

Unit – Mfl – Pyritic massive intermediate to mafic vesicular flows
These rocks are mapped as a single continuous, ~ 10 m thick, dark-black / rusty-red, intermediate to mafic flow with minor associated pillows (?) and flow breccia present. The resistant nature of the rock, along with its blocky weathering, make it very distinct amongst the graphitic phyllite of unit UDM. The rock displays characteristic cm-scale carbonate amygdules, geodes and vesicles – they display no consistent asymmetry that is indicative of tops or flow direction. Groundmass is very fine grained and compositional layering is defined by mm-scale light-grey lenses on weathered surface (sericitized plagioclase phenocrysts?). Disseminated pyrite cubes, averaging 0.75 cm in diameter, are also documented.

Unit – Mvs - Felsic to Intermediate Volcanics (Undivided)
The unit includes intercalated meta-andesite, quartz sericite pyrite schist +/- biotite, biotite-chlorite +/- garnet schist, minor quartzite +/- pyrite. The complex distribution of lithologies (m-scale interbedding / intercalation is common) is to be expected in a proximal volcanic environment. It can also be explained by the complex structural geometry of the property (See below).

Quartz-sericite-pyrite schist (altered felsic metatuff and minor lithic lapilli tuff)
This is the recessive unit that gives the property its distinct rusty red appearance. It is a highly gossanous, light-yellow to rusty-red, fine-grained felsic metatuff with minor (lithic) lapilli tuff. Groundmass of the rock consists of preferentially oriented muscovite, sericite and biotite (where present) that wrap around 3-5 mm sericite knots after feldspar. Locally, the rock has 1 cm diameter lithic clasts present in it. Mineralization occurs as disseminated fine-grained pyrite (3-5%), as cm-scale lenses and blebs of pyrite and as concordant m- to sub-m-scale lenses of semi-massive to massive polymetallic sulphides; (See Unit Mbs below)

Biotite-chlorite +/- garnet schist
Occurs in structurally higher sections of the Mvs unit as 5 m thick concordant lens in the altered felsic metavolcanics. The rock is commonly interlayered with 0.5 m thick laminated pyritiferous graphitic layers or beds. It is dark black to rusty red, locally displays a metallic "peacock" color. It is a very fine to fine-grained rock with compositional layering (difficult to characterize) on the mm-scale. The rock is typically not mineralized but does locally show possible traces of sphalerite. The protolith of this sub-unit is interpreted to be intermediate volcaniclastic rocks.

Meta-Andesite or Dacite (?)
The protolith of this unit remains unknown – it was interpreted as a meta-andesite by Pigage, (76MM-6 and 76MM-7; Pigage, 1976), but data collected during the 2002 field season is consistent with the rock being an intrusive body. If the rock is extrusive in nature, then at best it is a faulted block that was emplaced prior to or during D_2 deformation. The contact is well exposed for ~200 to 300 m and is typically concordant, but does appear to be discordant in one location where it cross-cuts an F_2 fold hinge. This does not necessarily make the rock intrusive – a fault or shear zone in the hinge of an F_2 fold is consistent with the style of deformation in the area (See F_2 folds). As well, the contact locally appears brecciated – although this could either be fault or flow breccia. Finally, m-scale quartz veining is common along the contact. The nature of the contact remains unknown – it is a concordant lithologic (primary) contact, a tectonic contact (fault) or an intrusive contact.

The rock itself is dark-black to brown, resistant with blocky weathering and highly jointed. It is very fine to fine-grained, with mm-scale discontinuous carbonate laminae and rare medium-scale blebs and very-fine-grained plagioclase phenocrysts evident on weathered surface. Quartz and carbonate veins and veinlets are common and the rock is typically not mineralized.

Unit – Mbs - Massive pyritic sulphides
These rocks are spatially associated with quartz-sericite-pyrite alteration zones in the intermediate to felsic tuffs and lapilli tuff. They occur as sulphide banded phyllite and schist, and semi-massive to massive polymetallic sulphide lenses (pyrite, chalcopyrite, galena, sphalerite, pyrrhotite) which are locally interbedded with pyritiferous sucrosic barite and quartzite. Lenses average 0.5 meters in thickness (with a max of 2 m) and are continuous for up to 50 meters in length. The mineralized zones mapped in 2002 are interpreted to represent distal equivalents of the main mineralization zones, delineated by diamond drilling, to the southeast. Selected geochemical results from rock grab samples were as follows:

Host rock (altered felsic pyritic tuff):
Sample: GMM-94A (all in ppm) – Zn 1633; Cu 35; Mn 1085; Pb 749.8; Mo 8.3; Ag 3.1; Hg 0.38

Massive sulphide lens:
Sample GMM-94C (ppm) – Zn >99999; Cu 166; Mn 1355; Pb 19339.6; Mo 16.6; Ag 180.9; Hg 40.46

Unit – SDA - Askin Group - dolostone, quartzite and limestone

Present in the map area as a tectonic slice that has been thrust (pre-D_2) over the volcanic succession (Fig. 4). Rocks are typically medium grey to buff weathering, medium to thick bedded dolomite, silty and sandy dolomite, and limestone. Locally at lower structural levels, medium to thick bedded, medium grained mature orthoquartzite is present.

Unit – eOK - Kechika Group - argillaceous nodular limestone and calc-silicate
The structurally highest rocks in the area, these also occur as a thin tectonic slice thrust over the sedimentary rocks of the Askin group. They are typically thin bedded, lustrous, calcareous, grey slate, phyllite, limestone, minor grey dolomite and dolomitic limestone.

Structure

Foliation

The oldest foliation present is S_0 compositional layering that consists of quartz / feldspar rich layers alternating with phyllosilicate rich layers on a mm-scale (Plates 4 and 5). S_1 is defined by preferentially oriented phyllosilicate layers (muscovite-sericite ± biotite ± chlorite; Plates 4 and 5) within S_0 and is axial planar to minor F_1 folds. It is typically cm-spaced. S_2 is difficult to distinguish from S_1 on the limbs of F_2 folds, but is evident as a cm-scale crenulation cleavage defined by the S_1 mineral assemblage in the hinges of F_2 folds (Plate 5). S_2 is typically dipping gently to moderately to the SE in the eastern areas of the map area and steepens to the south-south-east to the west. On the limbs of F_2 folds, S_0, S_1 and S_2 are all parallel to one another and an S_{T2} transposition foliation has developed. S_3 is locally documented as a moderately dipping 10-cm-spaced cleavage oblique to the S_{T2} transposition foliation (Plate 2).

Folds (Minor)

F_1 minor folds are very rare, but do occur as mm-scale, rootless isoclinal folds that fold S_0 compositional layering. F_2 folds are the most common folds documented on the property. They are recumbent, gently plunging, tight to isoclinal folds vary in size from decimeter- to meter-scale that fold S_0 and S_1 (S_T; Plates 4 and 5). They are typically recumbent with axial planes dipping gently or moderately to the northwest or southeast. In F_2 fold hinges, shearing occurs along the S_2 axial planar cleavage resulting in the offset of S_2 microlithons (Plate 5). This structural geometry is very common, as the majority of the property is situated in the nose of a large-scale F_2 fold hinge (Plate 1; Fig. 4). These relationships could be used to help explain the complex and commonly erratic distribution of lithologies documented on the property. F_3 folds are rare, upright folds observed in phyllosilicate rich lithologies (eg/ quartzofeldspathic schists), are open to moderate, and distinguishable on the limbs of F_2 folds (Plate 2).

Folds (Major)

Past work in conjunction with data collected during the 2002 field program shows that folding is common and plays an important role in the spatial distribution of mineralized rock units (Plate 1; Fig. 5). Large-scale F_1 axial surface traces are depicted on Figure 5 and there is no doubt that there are many F_1 fold closures that have not yet been mapped (a direct result of the limited and discrete nature of F_1 minor folds. Without detailed structural mapping, the delineation of F_1 folds will rely on stratigraphic repetition rather than structural observations. The property is dominated by a large-scale (200 meter amplitude), west-north-west vergent F_2 fold that plunges gently to the south-southwest. The structure is clearly visible on the well exposed cliffs of the property (Plate 1) - it has also been mapped by minor fold vergence reversals. This large scale F_2 fold appears to fold the axial surface trace of the F_1 antiform - synform pair mentioned above (Fig. 4). Further to the south, an F_3 antiform - synform pair trending to the south-east has been documented.

Faulting

Although pre-D_2 thrust faulting plays an important role in the distribution of map units in the area (SDA and eOK), faulting does not appear to have a significant impact on the distribution of alteration zones or mineralization. Several north - south trending sub-vertical faults were mapped to the west of the property (Fig. 4) but are not interpreted as significant to mineralization.

Alteration and Mineralization

Alteration assemblages consists of quartz-sericite ± pyrite and are spatially associated with andesite flows or dacite intrusions similar to alteration observed at FIM and Eros properties across the McConnell river valley (Greig, 2002; Downie and Gallagher, 2002).

Mineralization styles on the property vary from vent-like stringers, to proximal massive sulphides, to distal baritic lenses (Hunt, 2002; Mortensen and Godwin, 1982; Morin, 1977). Numerous sulphide lenses have been delineated along an east – west axis (Hunt, 2002), that propagates from a central trachyte dome and associated volcanic breccia (Mortensen and Godwin, 1982). The style of mineralization varies from east to west.

Eastern Property

There are three lenses averaging 100 m in length and tens of meters in thickness consisting of sulphide silicate gneiss, quartzite, massive sulphide, and barite. Mineralogy of the massive sulphides includes massive to semi-massive pyrite with lesser sphalerite, galena, pyrrhotite, and rare chalcopyrite and magnetite (Hunt, 2002). Smaller, increasingly baritic lenses are reported to extend for over 3 km to the east (Mortensen and Godwin, 1982). These mineralized horizons are thought to have at least in part an igneous protolith (Hunt, 2002). Individual sulphides lenses show a wide variation in grade and metal ratio between diamond drillholes. Several drillholes intersected classic Kuroko style mineralization. Galena and sphalerite content increases towards the top of the lens, with an extensive chalcopyrite and quartz stringer zone underlying the lens.

Western Property

Mineralization is thought to be less pervasive – the largest lens is about 2 meters in thickness directly above the trachyte dome. West of the dome, mineralization consists of disseminated to laminated semi-massive to massive pyrite to sphalerite-rich sulphides with lesser pyrrhotite, galena and chalcopyrite (Hunt, 2002). Pyrite and pyrrhotite occur as disseminated grains, blebs, and veinlets (Hunt, 2002). Relict mafic and feldspar minerals are consistent with an igneous protolith.

Where quartz-sericite alteration assemblages are present, they are consistently deformed and the regional S_1 foliation is well developed. Mineralized lenses, mapped during the 2002 field season were commonly transposed parallel to S_T (Plate 2) and discordant mineralized lenses or veins were extremely rare. Analysis of 2002 structural data is consistent with alteration and mineralization pre-dating D_1 deformation.

Thin section work by Hunt, 2002, reveals a lack of primary textures in the massive sulphides, although the presence of pink garnets, which could be manganese-rich, may be consistent with deposition in an exhalative environment (Leitch, 1998).

Although it is not conclusive that alteration and mineralization were penecontemporaneous with deposition of the intermediate and felsic volcanics, structural and mineralogical data is consistent with these events taking place early in the history of the rocks.

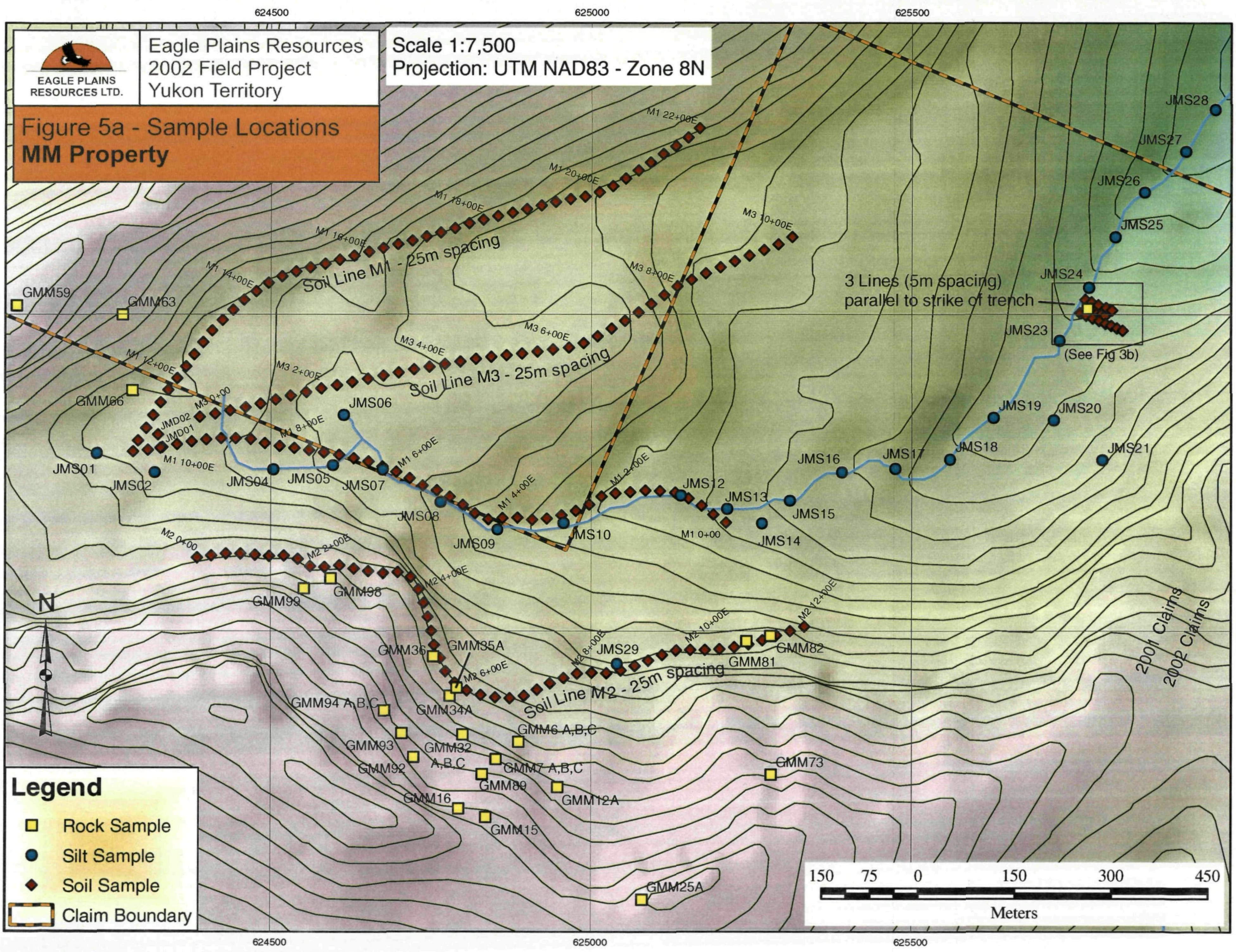
2002 WORK PROGRAM (Fig. 5a, 5b following)

A day of helicopter supported reconnaissance was carried out on July 10 to locate potential camp sites and orient field crews with respect to the property geology. This was followed by 8 days fly camping on the MM property between July 17 - 24th 2002. The work program consisted of soil and silt sampling, geological mapping, and prospecting. A day was also spent at the Faro minesite examining core from the 1973, 1977 and 1996 drill programs. A total of 200 soil samples, 29 silt samples and 26 rock samples were collected on the MM property, with 1:10000 scale geological mapping traverses over approximately 5 square kilometers. Soil lines were run along topographic contours and ridges at 25 meter spacing between samples. Three detail soil lines were run in the area of Trench 87-3. Silt samples were collected at 100 meter spacing along the main MM drainage. Rock samples were collected from the historic trenches and along mapping traverses. 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. 10 new Quartz claims (MM 13 - 22) were staked to cover prospective stratigraphy identified by 2002 work. Field crews were mobilized to the property using a Trans North Helicopters Bell 206 based in Ross River. A four-wheel drive truck was used to move field crews and supplies to a staging area on the Sheep Creek Road near the Seagull Creek Camp, approximately 9.2 kilometers NNE of the property.

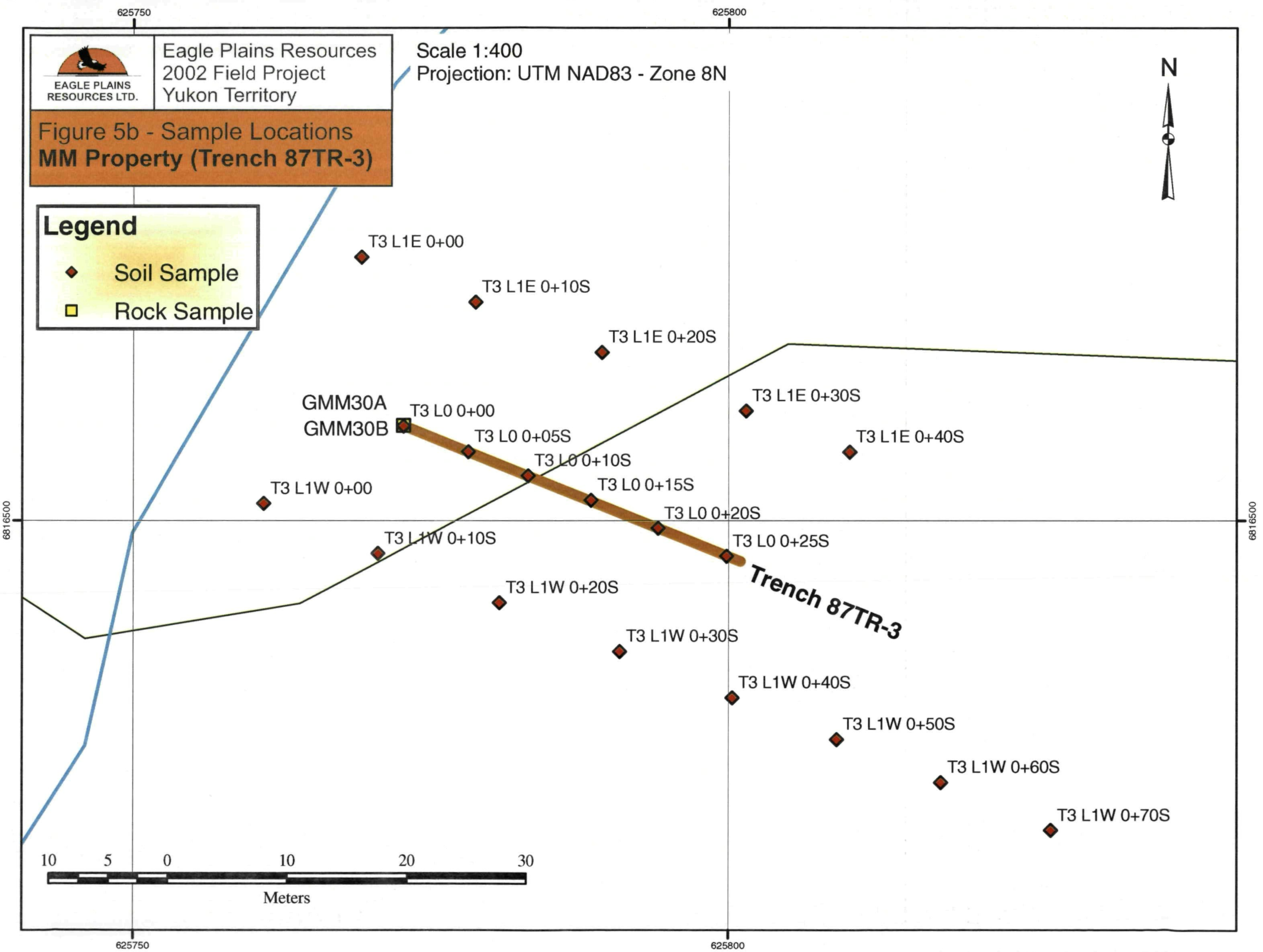
The samples were shipped to Acme Analytical Laboratories Ltd. in Vancouver, B.C. for analysis. The samples were analyzed for 30 element ICP using aqua-regia digestion, with all samples analyzed for gold. All samples were collected, handled, catalogued and prepared for shipment by Eagle Plains Resources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

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

Total 2002 exploration expenditures by Eagle Plains Resources on the MM property was $34,688.14



Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 5a - Sample Locations
MM Property
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N
624500
625000
625500
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
3 Lines (5m spacing) parallel to strike of trench
(See Fig 3b)
2001 Claims
2002 Claims
Legend
Rock Sample
Silt Sample
Soil Sample
Claim Boundary
150 75 0 150 300 450
Meters



625750
625800
Eagle Plains Resources
2002 Field Project
Yukon Territory
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Figure 5b - Sample Locations
MM Property (Trench 87TR-3)
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
Legend
Soil Sample
Rock Sample
T3 L1E 0+00
T3 L1E 0+10S
T3 L1E 0+20S
T3 L1E 0+30S
T3 L1E 0+40S
GMM30A
GMM30B
T3 L0 0+00
T3 L0 0+05S
T3 L0 0+10S
T3 L0 0+15S
T3 L0 0+20S
T3 L0 0+25S
Trench 87TR-3
T3 L1W 0+00
T3 L1W 0+10S
T3 L1W 0+20S
T3 L1W 0+30S
T3 L1W 0+40S
T3 L1W 0+50S
T3 L1W 0+60S
T3 L1W 0+70S
6816500
10 5 0 10 20 30
Meters

2002 WORK PROGRAM RESULTS (Fig. 6a, 6b following; Appendix III)

Geochemistry

Soil

A total of 200 soil samples were collected on the MM property. Many of the samples returned anomalous multi-element geochemical enrichment.

Soil Line M1 returned a number of highly anomalous values. Samples M1 0+00 - 1+75E averaged 17ppm Mo / 125ppm Cu / 700 pm Pb / 449 ppm Zn / 3.1 ppm Ag / 130 ppm As over 8 stations. Single samples within the interval include 0+75E: 25.3 ppm Mo / 166.6 ppm Cu / 783.3 ppm Pb / 786 ppm Zn / 4.4 ppm Ag / 179.1 ppm As. Other anomalous samples on the line include 3+25E: 145.8 ppm Cu / 420.6 ppm Pb / 1634 ppm Zn; 6+00E: 4106 ppm Zn.

Soil Line M2 was run along a topographic contour in the area of the well exposed gossan. Many of the samples returned values reflecting underlying sulphide mineralization. Some of the better intervals include:

0+25E - 2+25E: average 18 ppm Mo / 139 ppm Cu / 1267 ppm Pb / 3401 ppm Zn / 192 ppm As
6+00 - 9+00 E: average 26 ppm Mo / 250 ppm Cu / 1343 ppm Pb / 3396 ppm Zn / 138 ppm As

Individual samples from Line M2 include:

0+50E: 298.3 ppm Cu / 2094 ppm Pb / 10386 ppm Zn / 470.7 ppm As
6+00E: 2332.5 ppm Cu / 7996.9 ppm Pb / 33761 ppm Zn / 18.1 ppm Ag / 24.1 ppm Bi

Three detail soil lines run in the area of Trench 3 returned enriched metal values including T3 L0 0+00 - 0+25S which averaged 33.8 ppm Mo / 191.8 ppm Cu / 6353 ppm Pb / 2867 ppm Zn. Individual samples collected in the area of Trench 3 include:

T3 L1W 0+10S 130.8 ppm Mo / 110.7 ppm Cu / 1597 ppm Pb / 1549 ppm Zn / 192 ppm As
T3 L0W 0+05S 559.7 ppm Cu / 9687.5 ppm Pb / 8567 ppm Zn / 20.3 ppm Ag / 20.4 ppm Bi

Rock

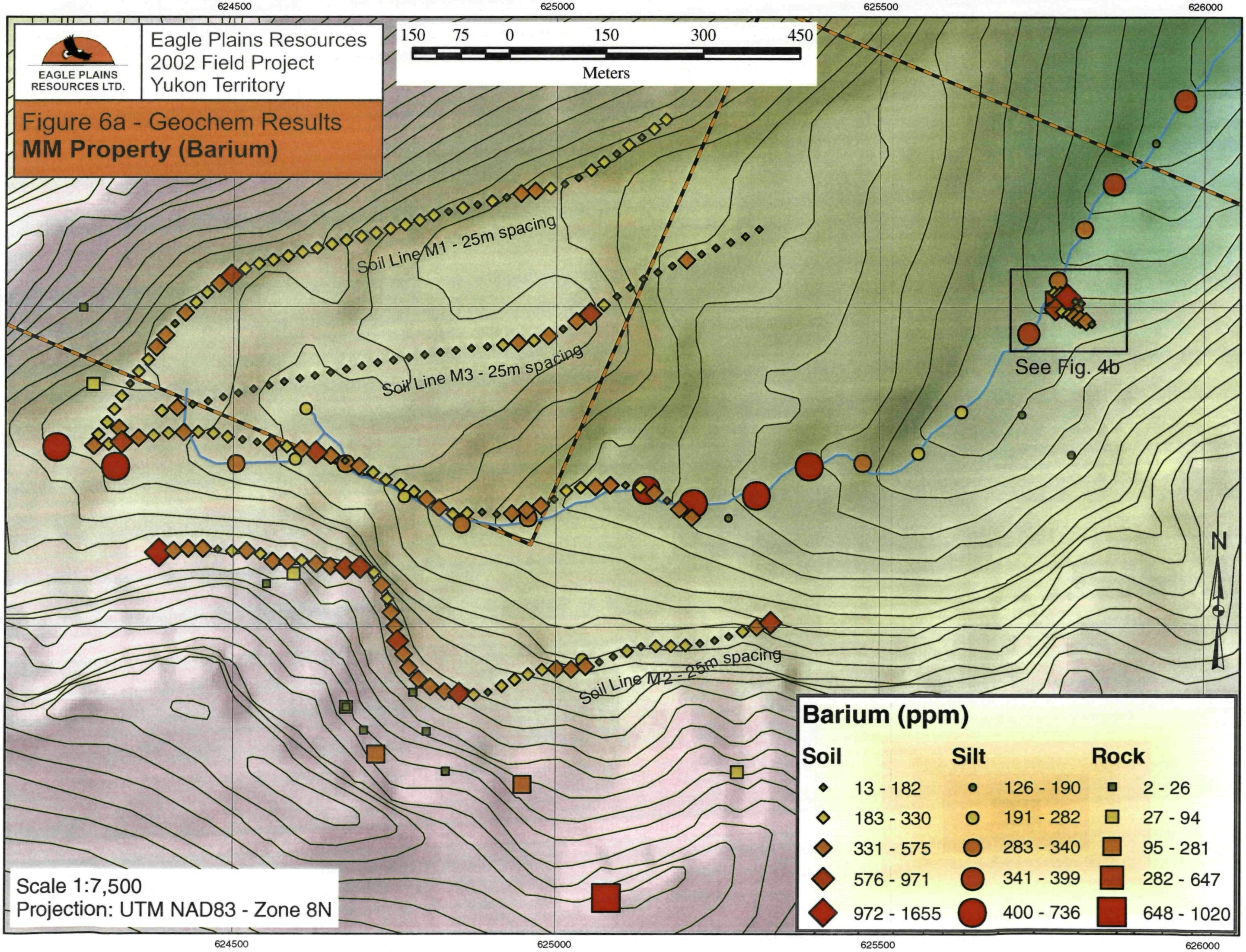
Many of the rock samples collected returned anomalous multi-element base and precious metal geochemical values. Some of the better samples include:

GMM-94C, an in situ sample of massive pyrite-galena-chalcopyrite with quartz; 166.2 ppm Cu / 19340 ppm Pb / 99999 ppm Zn / 180.9 ppm Ag / 1792.1 ppm As / 189 ppb Au / 970.9 ppm Cd / 801.1 ppm Sb / 40.46 ppm Hg;

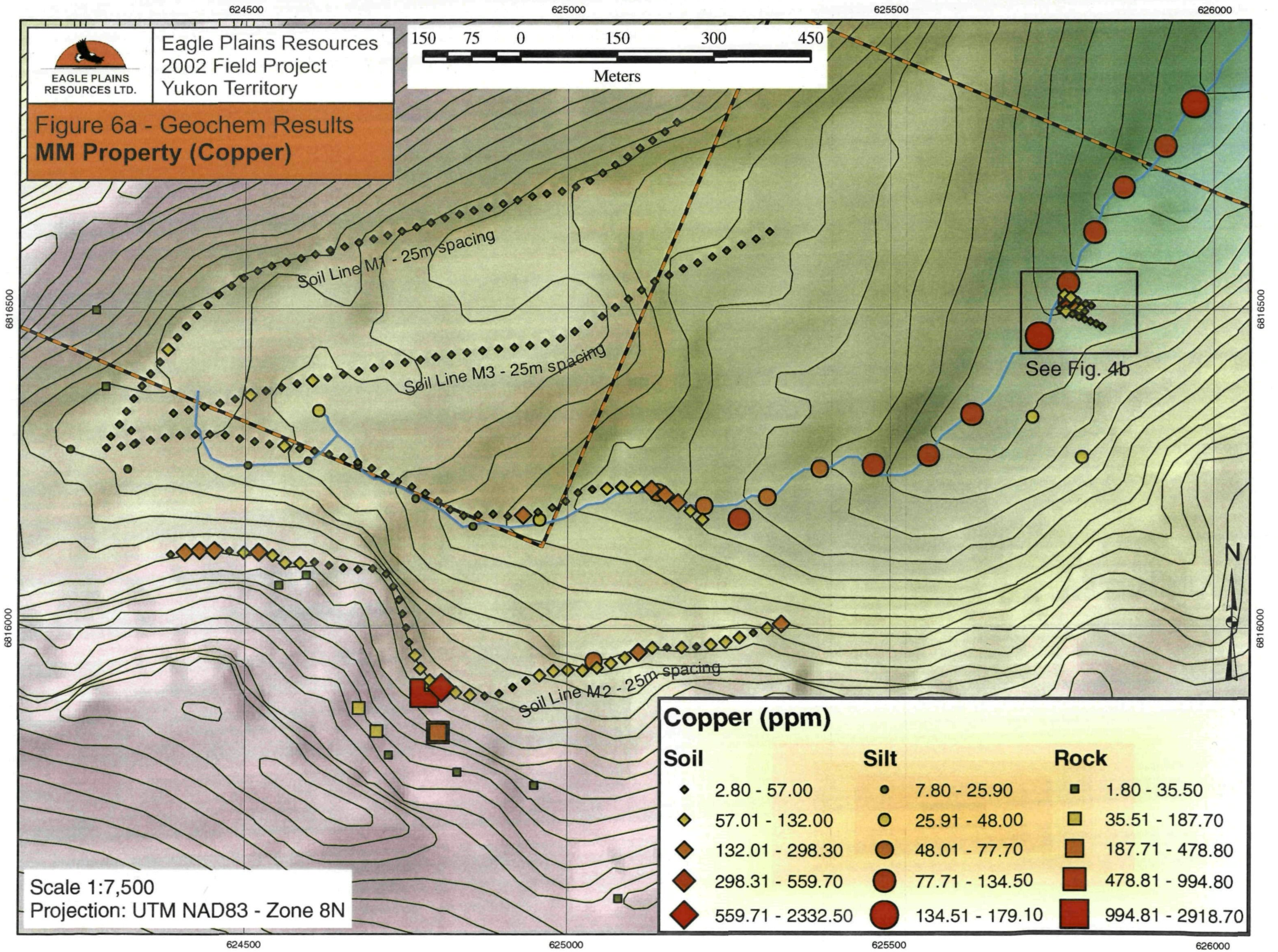
GMM-30A, an in situ sample of massive pyrite-galena-pyrrhotite in quartz sericite schist collected from trench 87-3; 427.2 ppm Cu / 23253 ppm Pb / 99999 ppm Zn / 44.2 ppm Ag / 712.3 ppm Cd;

GMM-93, an in situ sample of massive pyrite-galena-sphalerite-chalcopyrite hosted by highly altered quartz-sericite-muscovite schist; 187.7 ppm Cu / 18602 ppm Pb / 99999 ppm Zn / 103.4 ppm Ag / 555.6 ppm Cd / 113.3 ppm Sb;

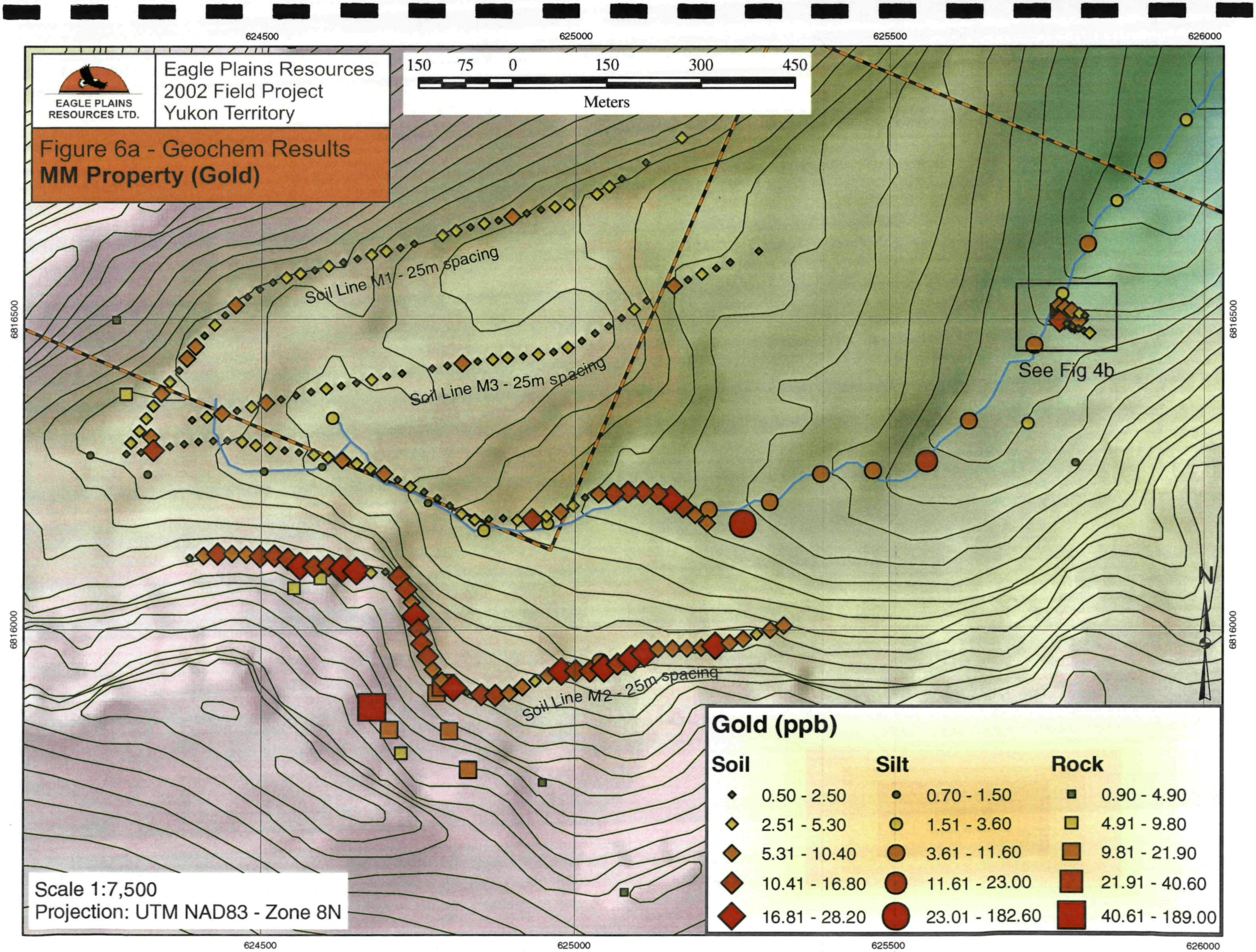
GMM-34A, an in situ sample of quartz-sericite-chlorite-biotite schist with disseminated chalcopyrite; 2918.7 ppm Cu / 4086 ppm Pb / 29504 ppm Zn;



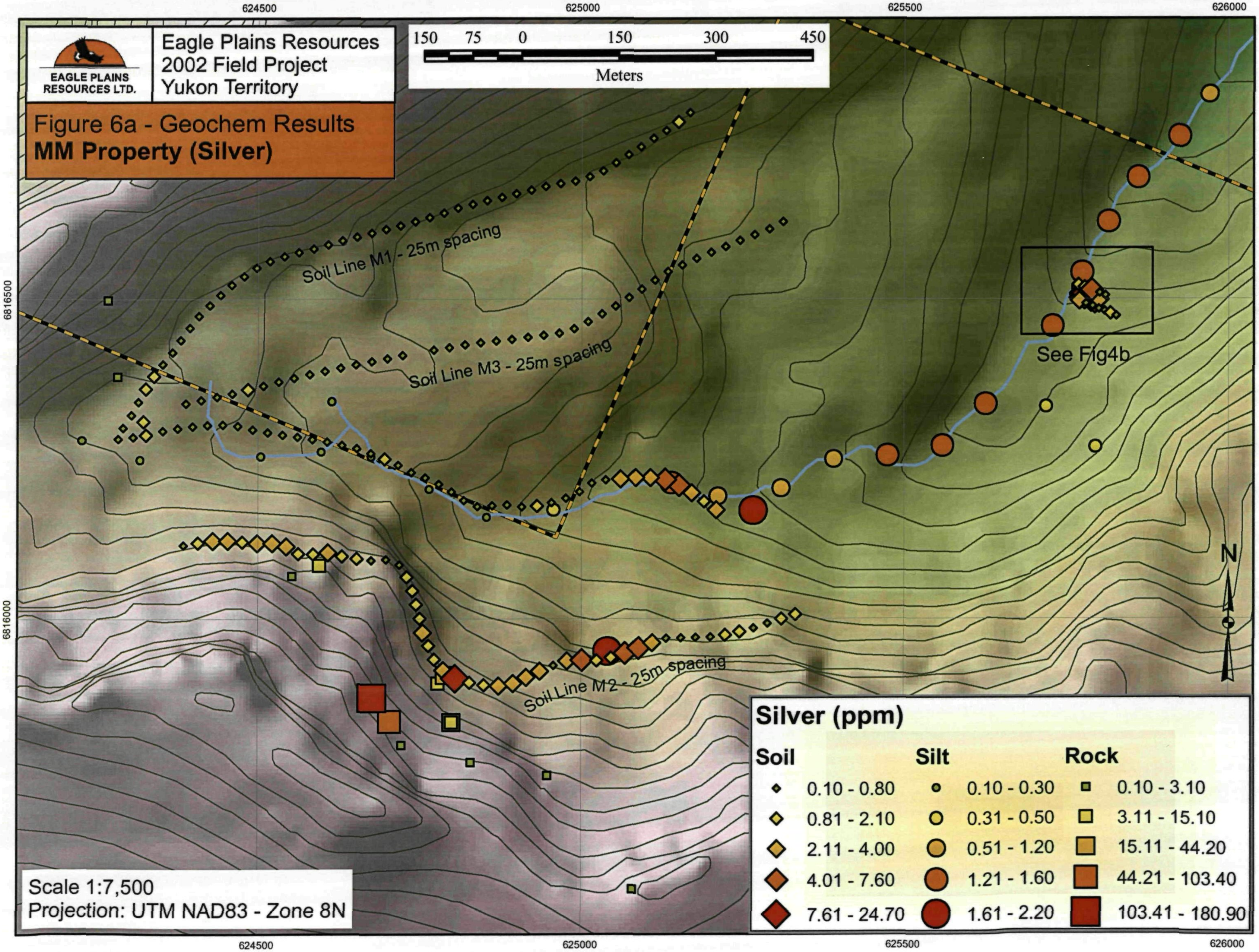
Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 6a - Geochem Results
MM Property (Barium)
150 75 0 150 300 450
Meters
624500
625000
625500
626000
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig. 4b
N
Barium (ppm)
Soil
13 - 182
183 - 330
331 - 575
576 - 971
972 - 1655
Silt
126 - 190
191 - 282
283 - 340
341 - 399
400 - 736
Rock
2 - 26
27 - 94
95 - 281
282 - 647
648 - 1020
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N

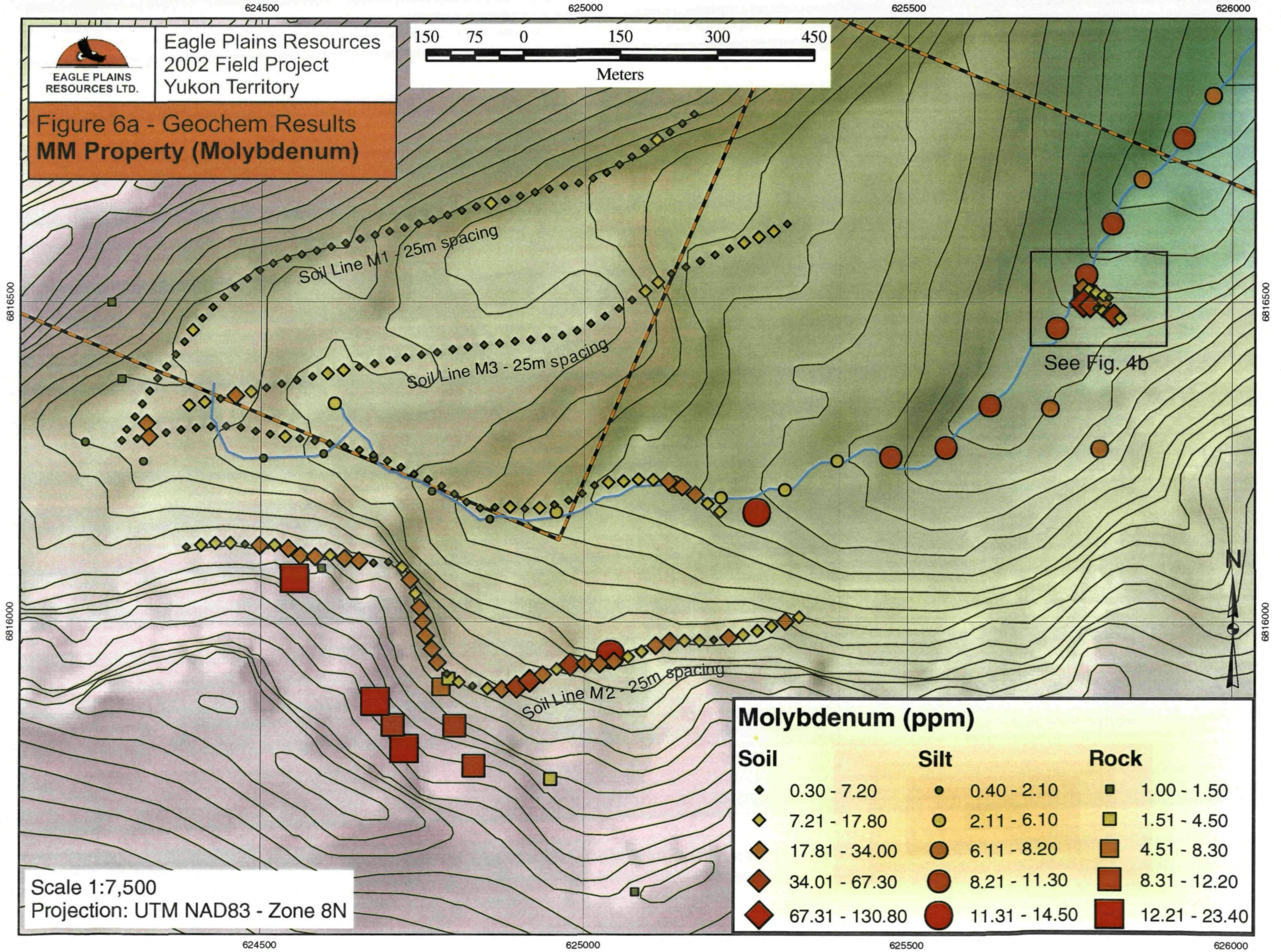


Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 6a - Geochem Results
MM Property (Copper)
150 75 0 150 300 450
Meters
624500
625000
625500
626000
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig. 4b
N
Copper (ppm)
Soil
2.80 - 57.00
57.01 - 132.00
132.01 - 298.30
298.31 - 559.70
559.71 - 2332.50
Silt
7.80 - 25.90
25.91 - 48.00
48.01 - 77.70
77.71 - 134.50
134.51 - 179.10
Rock
1.80 - 35.50
35.51 - 187.70
187.71 - 478.80
478.81 - 994.80
994.81 - 2918.70
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N



Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 6a - Geochem Results
MM Property (Gold)
150 75 0 150 300 450
Meters
624500
625000
625500
626000
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig 4b
N
Gold (ppb)
Soil
0.50 - 2.50
2.51 - 5.30
5.31 - 10.40
10.41 - 16.80
16.81 - 28.20
Silt
0.70 - 1.50
1.51 - 3.60
3.61 - 11.60
11.61 - 23.00
23.01 - 182.60
Rock
0.90 - 4.90
4.91 - 9.80
9.81 - 21.90
21.91 - 40.60
40.61 - 189.00
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N


EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6a - Geochem Results
MM Property (Silver)
150 75 0 150 300 450
Meters
624500
625000
625500
626000
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig4b
N
Silver (ppm)
Soil
0.10 - 0.80
0.81 - 2.10
2.11 - 4.00
4.01 - 7.60
7.61 - 24.70
Silt
0.10 - 0.30
0.31 - 0.50
0.51 - 1.20
1.21 - 1.60
1.61 - 2.20
Rock
0.10 - 3.10
3.11 - 15.10
15.11 - 44.20
44.21 - 103.40
103.41 - 180.90
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N



Eagle Plains Resources
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Yukon Territory
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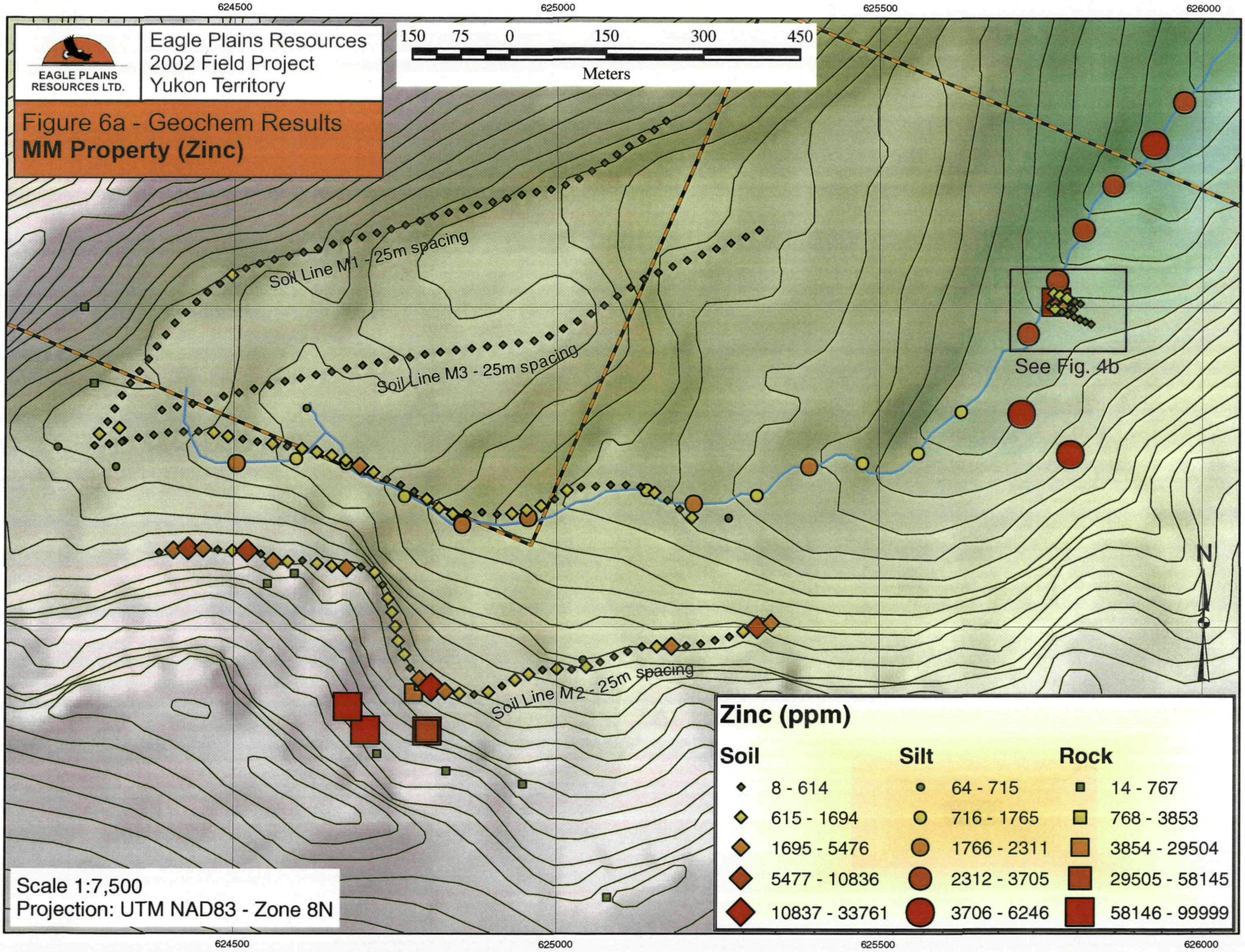
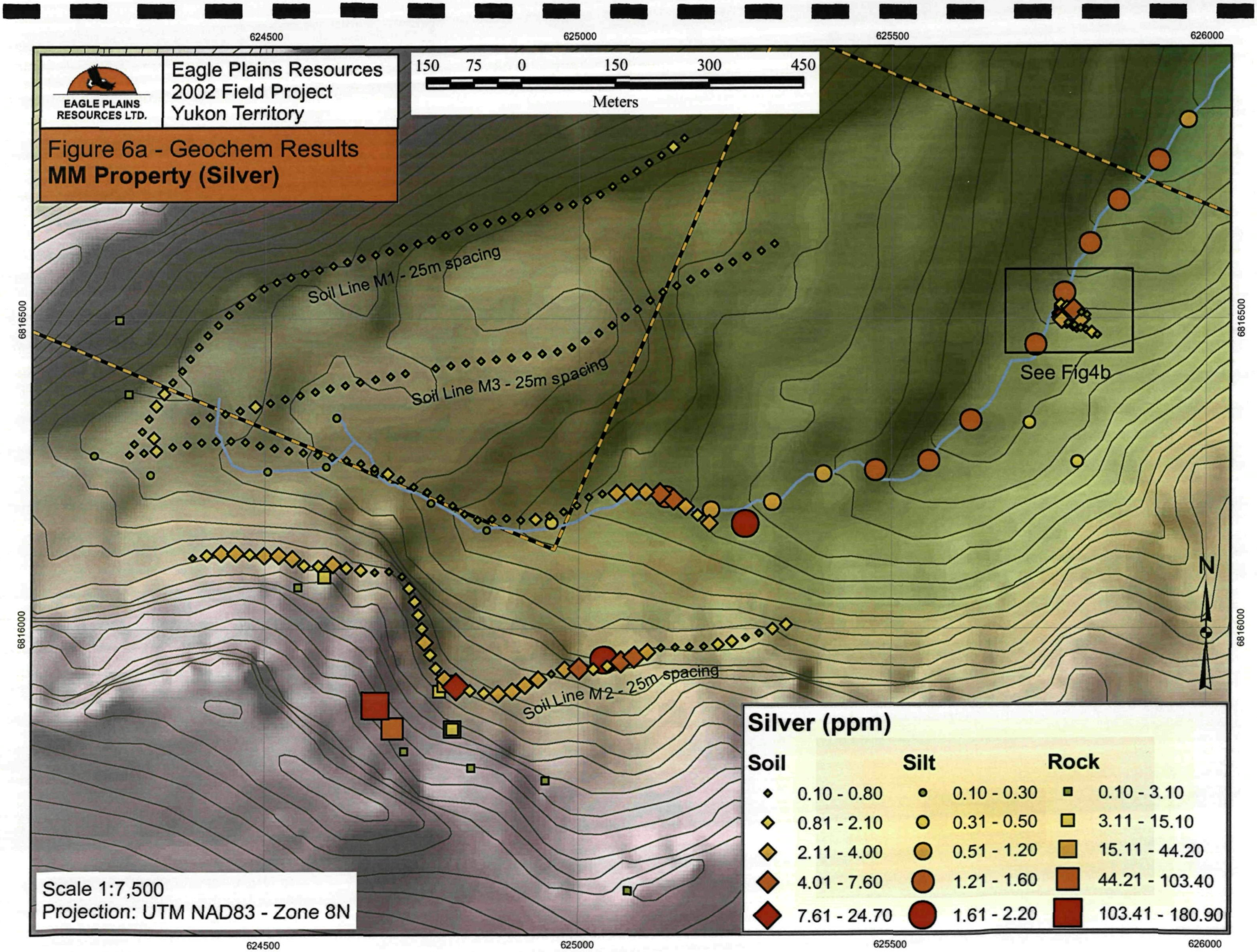
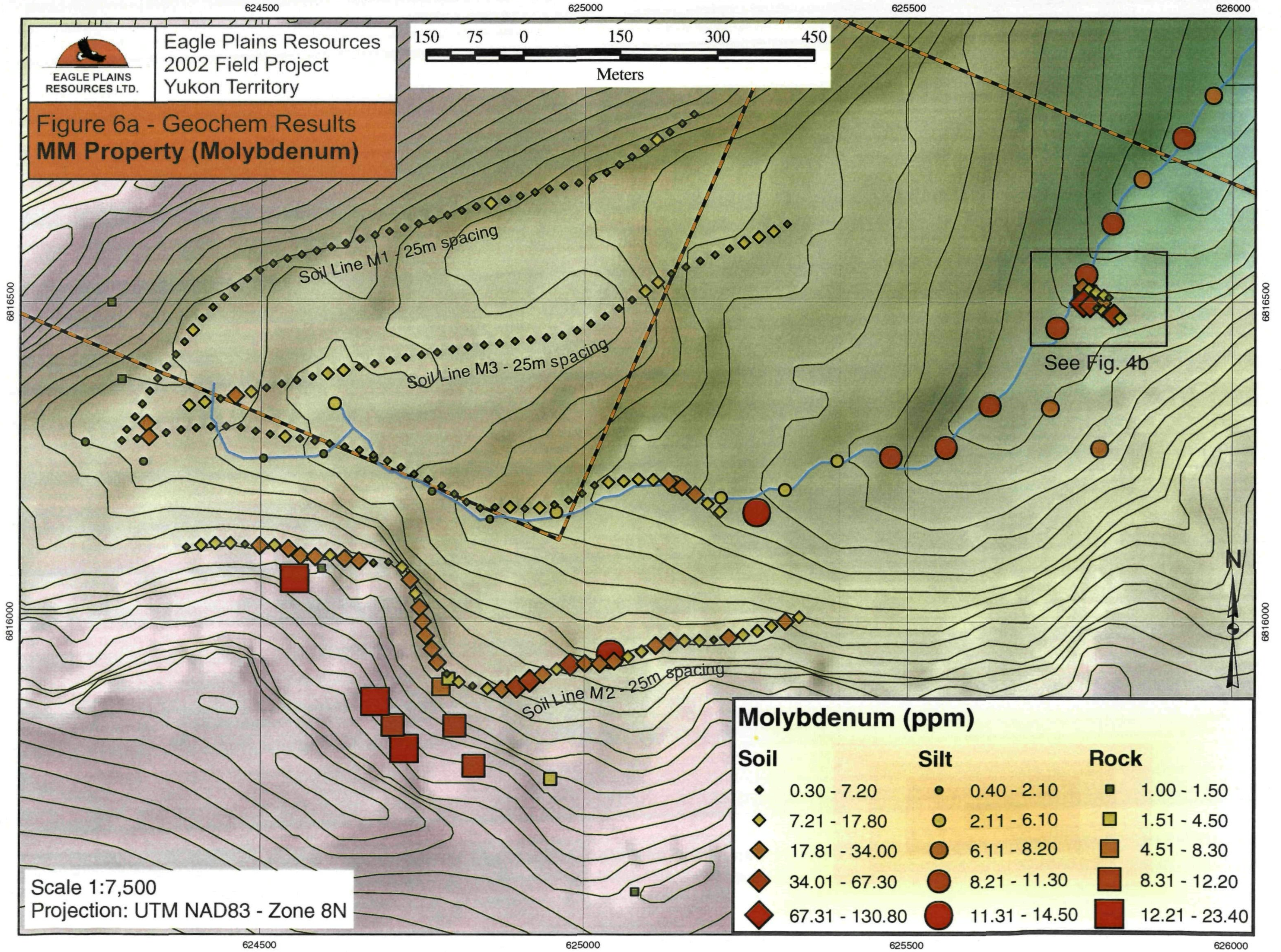
Figure 6a - Geochem Results
MM Property (Molybdenum)
150 75 0 150 300 450
Meters
624500
625000
625500
626000
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig. 4b
N
Molybdenum (ppm)
Soil
0.30 - 7.20
7.21 - 17.80
17.81 - 34.00
34.01 - 67.30
67.31 - 130.80
Silt
0.40 - 2.10
2.11 - 6.10
6.11 - 8.20
8.21 - 11.30
11.31 - 14.50
Rock
1.00 - 1.50
1.51 - 4.50
4.51 - 8.30
8.31 - 12.20
12.21 - 23.40
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N



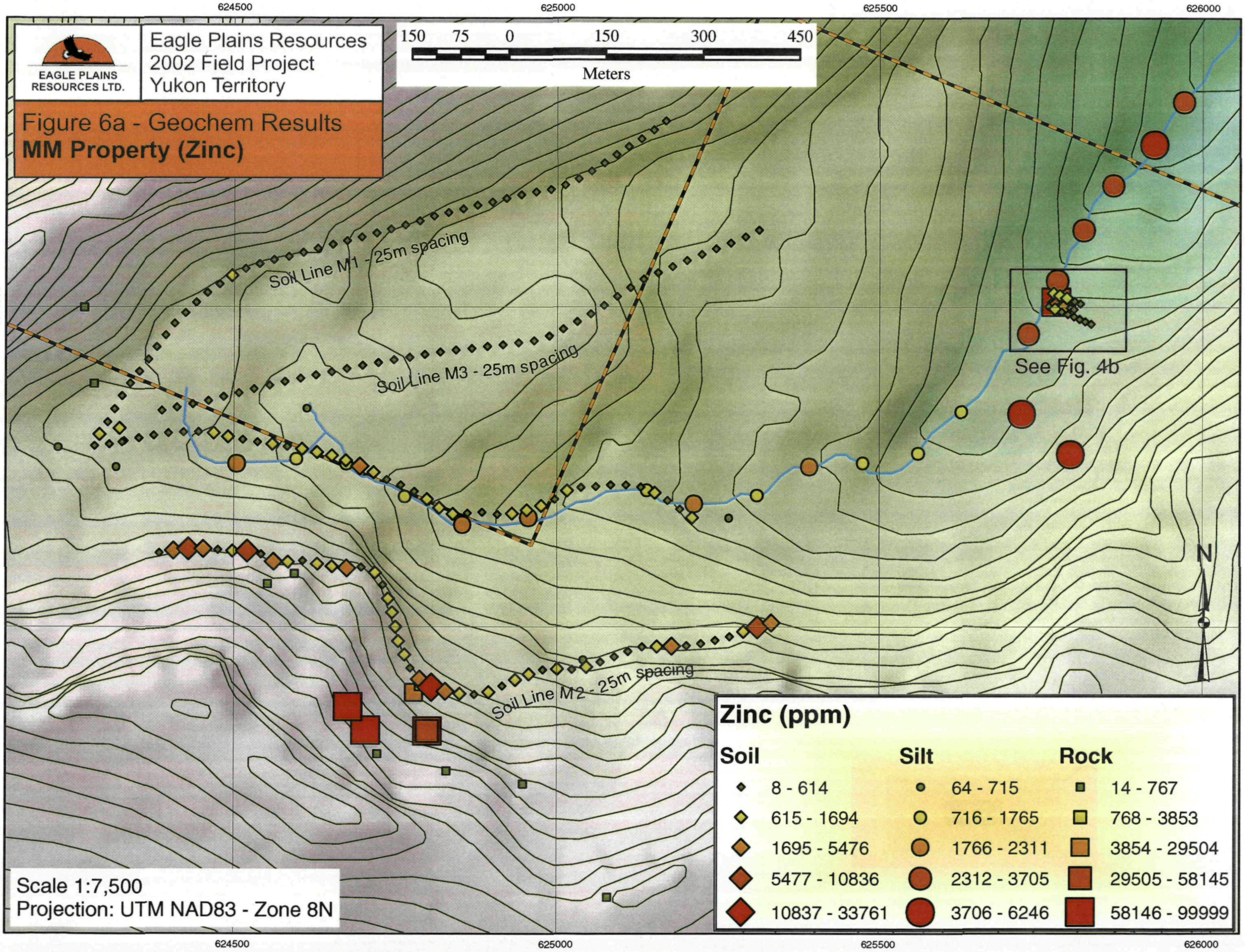
624500
625000
625500
626000
6816500
6816000
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6a - Geochem Results
MM Property (Zinc)
150 75 0 150 300 450
Meters
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig. 4b
N
Zinc (ppm)
Soil
8 - 614
615 - 1694
1695 - 5476
5477 - 10836
10837 - 33761
Silt
64 - 715
716 - 1765
1766 - 2311
2312 - 3705
3706 - 6246
Rock
14 - 767
768 - 3853
3854 - 29504
29505 - 58145
58146 - 99999
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N



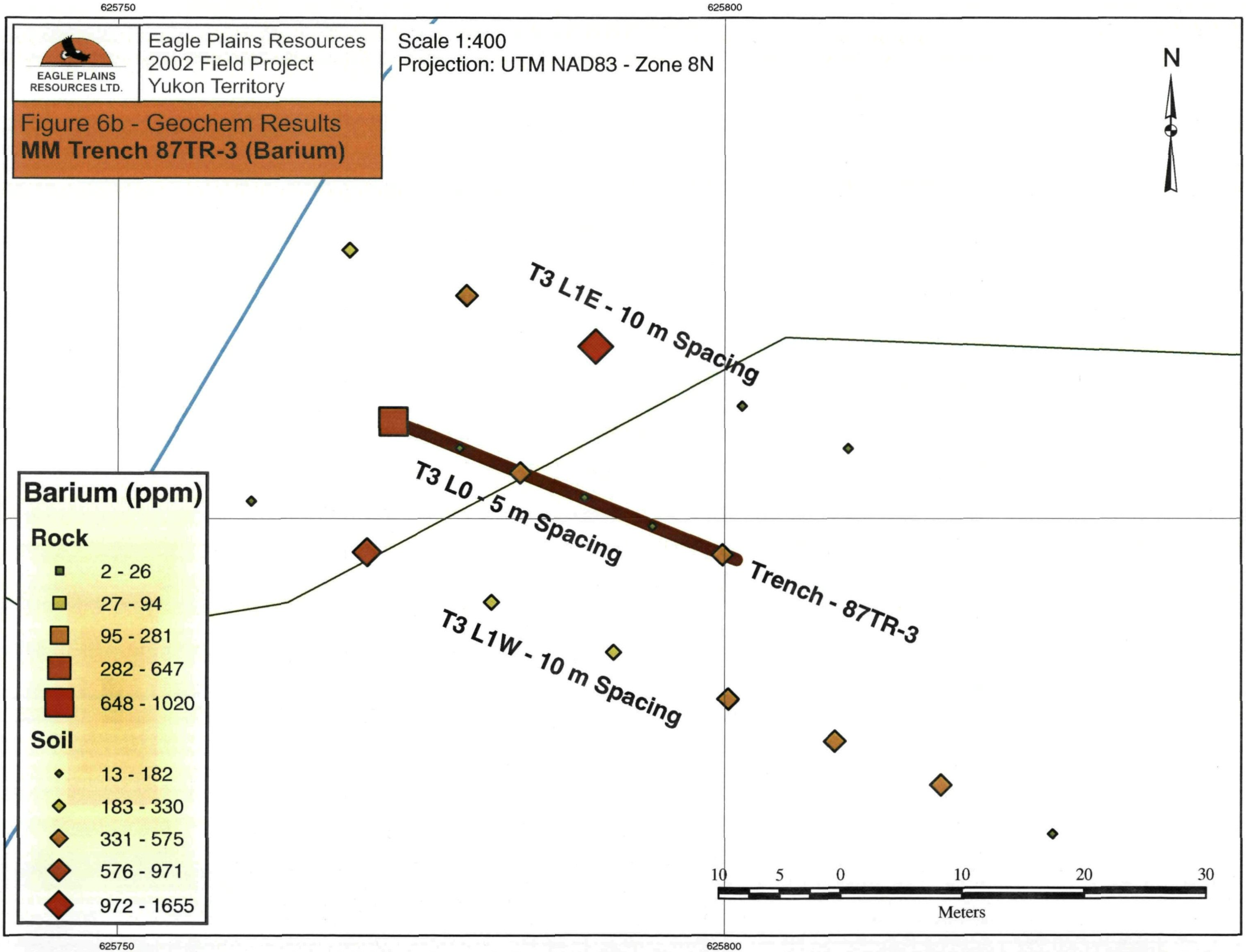
Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 6a - Geochem Results
MM Property (Silver)
150 75 0 150 300 450
Meters
624500
625000
625500
626000
6816500
6816000
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig4b
N
Silver (ppm)
Soil
0.10 - 0.80
0.81 - 2.10
2.11 - 4.00
4.01 - 7.60
7.61 - 24.70
Silt
0.10 - 0.30
0.31 - 0.50
0.51 - 1.20
1.21 - 1.60
1.61 - 2.20
Rock
0.10 - 3.10
3.11 - 15.10
15.11 - 44.20
44.21 - 103.40
103.41 - 180.90
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N



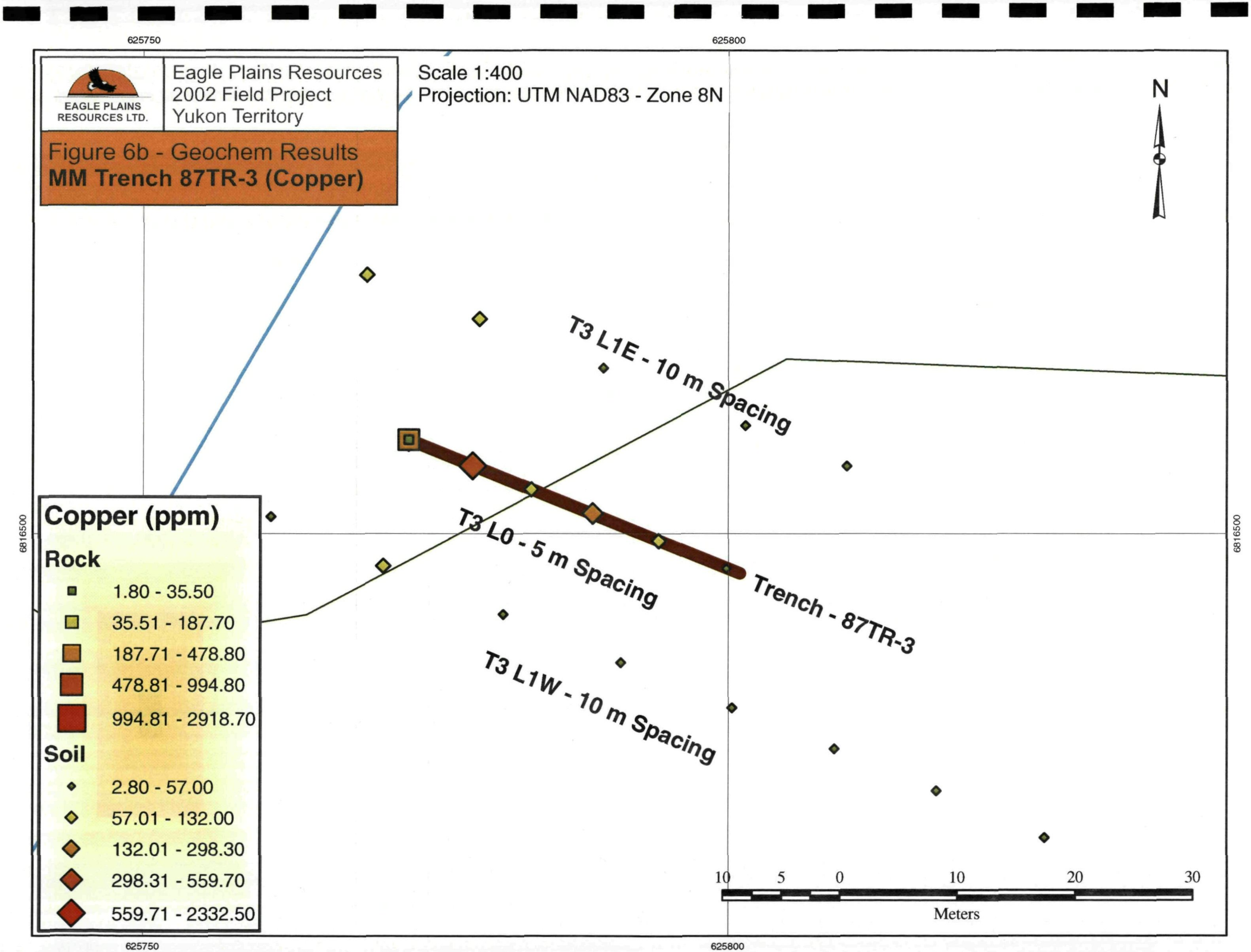
624500
625000
625500
626000
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6a - Geochem Results
MM Property (Molybdenum)
150 75 0 150 300 450
Meters
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig. 4b
6816500
6816000
N
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N
Molybdenum (ppm)
Soil
0.30 - 7.20
7.21 - 17.80
17.81 - 34.00
34.01 - 67.30
67.31 - 130.80
Silt
0.40 - 2.10
2.11 - 6.10
6.11 - 8.20
8.21 - 11.30
11.31 - 14.50
Rock
1.00 - 1.50
1.51 - 4.50
4.51 - 8.30
8.31 - 12.20
12.21 - 23.40

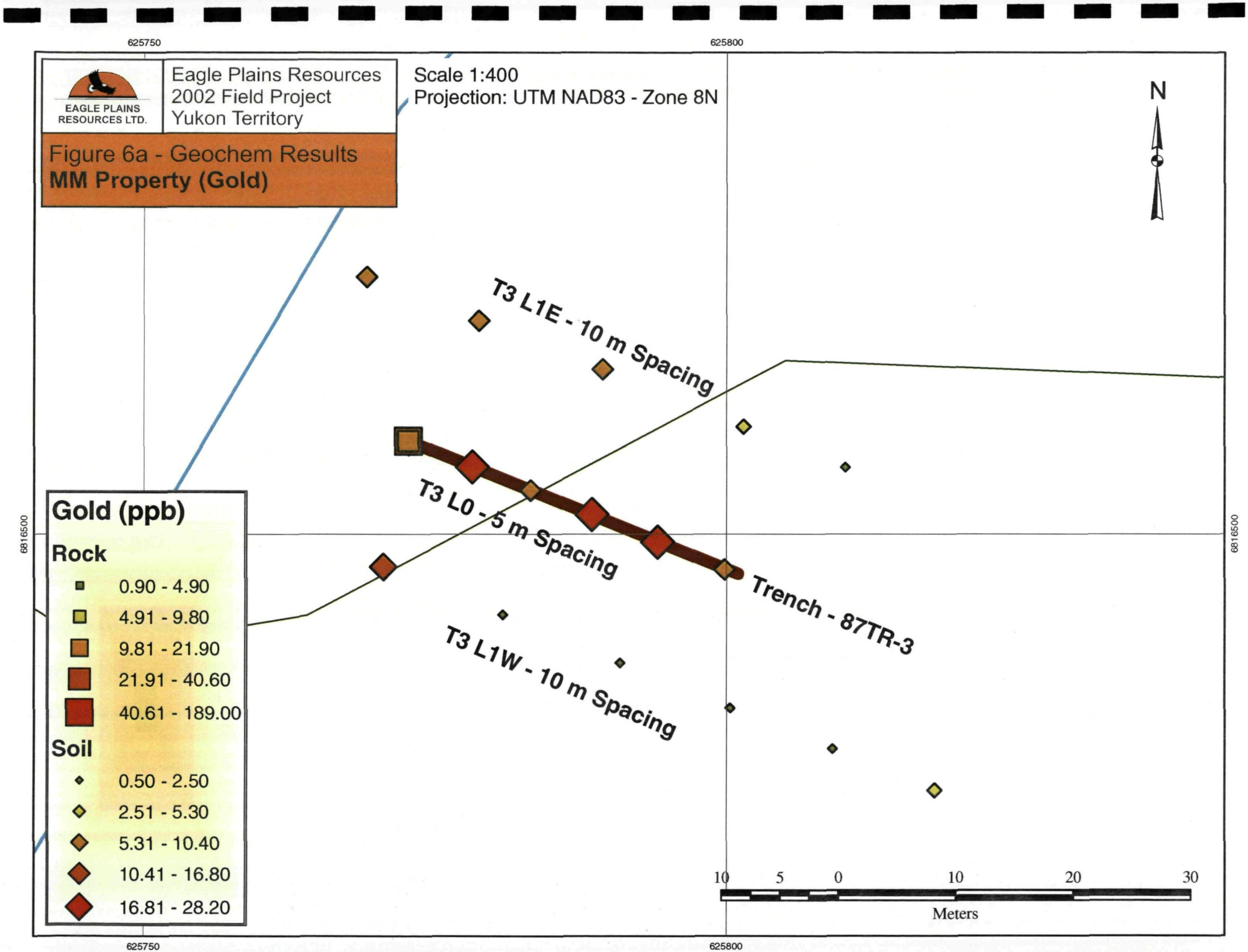


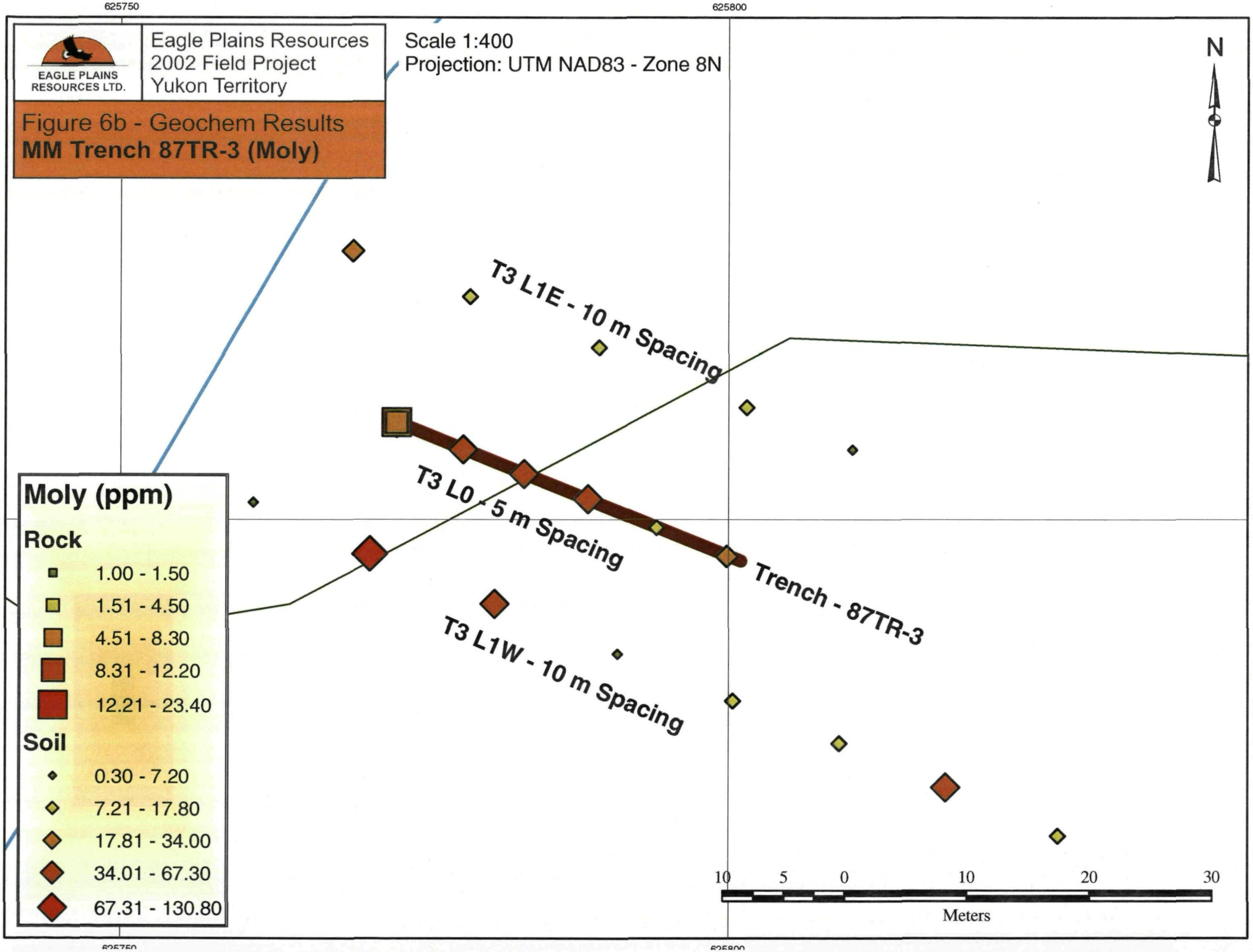
624500
625000
625500
626000
6816500
6816000
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6a - Geochem Results
MM Property (Zinc)
150 75 0 150 300 450
Meters
Soil Line M1 - 25m spacing
Soil Line M3 - 25m spacing
Soil Line M2 - 25m spacing
See Fig. 4b
N
Scale 1:7,500
Projection: UTM NAD83 - Zone 8N
Zinc (ppm)
Soil
8 - 614
615 - 1694
1695 - 5476
5477 - 10836
10837 - 33761
Silt
64 - 715
716 - 1765
1766 - 2311
2312 - 3705
3706 - 6246
Rock
14 - 767
768 - 3853
3854 - 29504
29505 - 58145
58146 - 99999



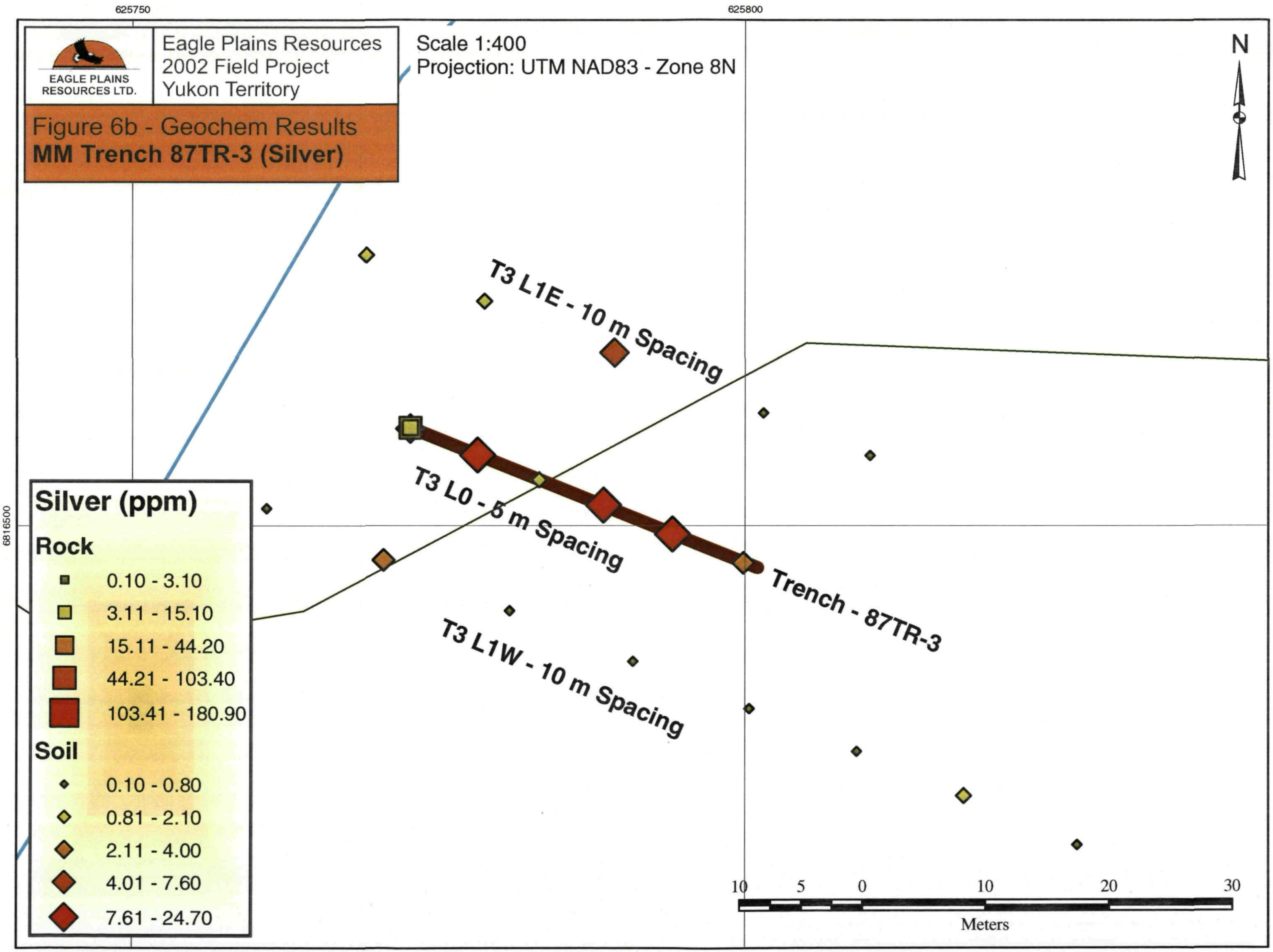
625750
625800
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
Figure 6b - Geochem Results
MM Trench 87TR-3 (Barium)
T3 L1E - 10 m Spacing
T3 L0 - 5 m Spacing
Trench - 87TR-3
T3 L1W - 10 m Spacing
6816500
6816500
Barium (ppm)
Rock
2 - 26
27 - 94
95 - 281
282 - 647
648 - 1020
Soil
13 - 182
183 - 330
331 - 575
576 - 971
972 - 1655
10 5 0 10 20 30
Meters
625750
625800


625750
625800
Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 6b - Geochem Results
MM Trench 87TR-3 (Copper)
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
T3 L1E - 10 m Spacing
T3 L0 - 5 m Spacing
Trench - 87TR-3
T3 L1W - 10 m Spacing
Copper (ppm)
Rock
1.80 - 35.50
35.51 - 187.70
187.71 - 478.80
478.81 - 994.80
994.81 - 2918.70
Soil
2.80 - 57.00
57.01 - 132.00
132.01 - 298.30
298.31 - 559.70
559.71 - 2332.50
10 5 0 10 20 30
Meters
6816500
6816500
625750
625800

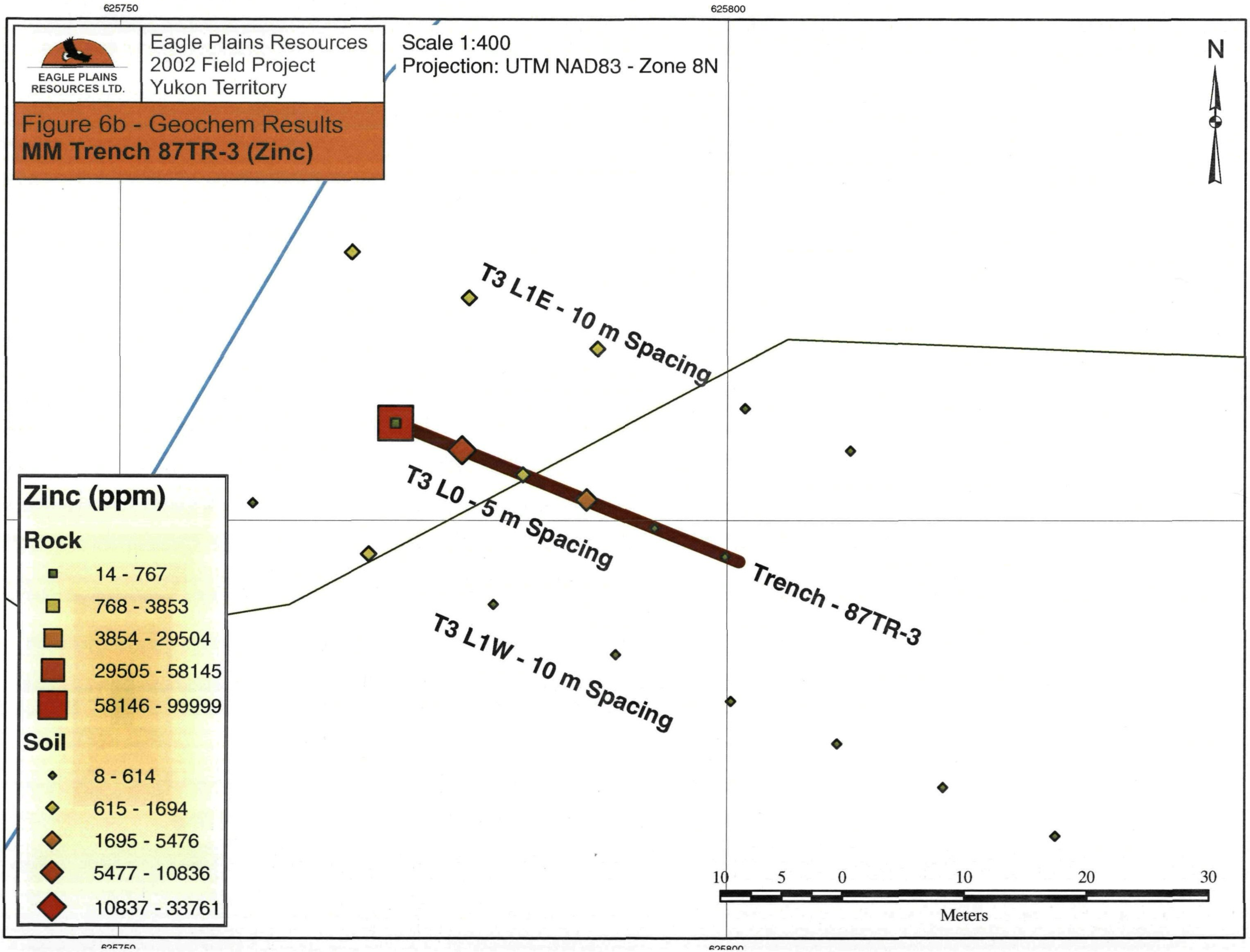

EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6a - Geochem Results
MM Property (Gold)
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
625750
625800
6816500
T3 L1E - 10 m Spacing
T3 L0 - 5 m Spacing
T3 L1W - 10 m Spacing
Trench - 87TR-3
Gold (ppb)
Rock
0.90 - 4.90
4.91 - 9.80
9.81 - 21.90
21.91 - 40.60
40.61 - 189.00
Soil
0.50 - 2.50
2.51 - 5.30
5.31 - 10.40
10.41 - 16.80
16.81 - 28.20
10 5 0 10 20 30
Meters



625750
625800
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6b - Geochem Results
MM Trench 87TR-3 (Moly)
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
T3 L1E - 10 m Spacing
T3 L0 - 5 m Spacing
Trench - 87TR-3
T3 L1W - 10 m Spacing
6816500
6816500
Moly (ppm)
Rock
1.00 - 1.50
1.51 - 4.50
4.51 - 8.30
8.31 - 12.20
12.21 - 23.40
Soil
0.30 - 7.20
7.21 - 17.80
17.81 - 34.00
34.01 - 67.30
67.31 - 130.80
10 5 0 10 20 30
Meters



625750
625800
Eagle Plains Resources
2002 Field Project
Yukon Territory
EAGLE PLAINS RESOURCES LTD.
Figure 6b - Geochem Results
MM Trench 87TR-3 (Silver)
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
T3 L1E - 10 m Spacing
T3 L0 - 5 m Spacing
T3 L1W - 10 m Spacing
Trench - 87TR-3
6816500
Silver (ppm)
Rock
0.10 - 3.10
3.11 - 15.10
15.11 - 44.20
44.21 - 103.40
103.41 - 180.90
Soil
0.10 - 0.80
0.81 - 2.10
2.11 - 4.00
4.01 - 7.60
7.61 - 24.70
10 5 0 10 20 30
Meters


625750
625800
EAGLE PLAINS RESOURCES LTD.
Eagle Plains Resources
2002 Field Project
Yukon Territory
Figure 6b - Geochem Results
MM Trench 87TR-3 (Zinc)
Scale 1:400
Projection: UTM NAD83 - Zone 8N
N
T3 L1E - 10 m Spacing
T3 L0 - 5 m Spacing
T3 L1W - 10 m Spacing
Trench - 87TR-3
6816500
Zinc (ppm)
Rock
14 - 767
768 - 3853
3854 - 29504
29505 - 58145
58146 - 99999
Soil
8 - 614
615 - 1694
1695 - 5476
5477 - 10836
10837 - 33761
10 5 0 10 20 30
Meters

Silt

Silt samples were collected at 100 meter spacing from the main MM drainage. The samples reflect the presence of sulphide mineralization within the watershed area with many of the samples returning anomalous metal values. Typical values include:

JMS-14 115.2 ppm Cu / 616.4 ppm Pb / 182.6 ppb Au
JMS-22 164.2 ppm Cu / 333.3 ppm Pb / 2649 ppm Zn
JMS-28 179.1 ppm Cu / 257.5 ppm Pb / 3705 ppm Zn

CONCLUSIONS AND RECCOMMENDATIONS

The MM Property is the southernmost claim holding in the Eagle Plains Resources Pelly Project. Results from the Eagle Plains 2002 geological mapping, prospecting and geochemical sampling program indicate that the MM property is underlain by a mineralized, highly altered volcanic sequence.

Although the MM property has seen considerable work by past operators including Curragh Resources and the Anvil Range Mining Company, much of the data and results from the historical work programs is not in the public domain and therefore was not available for purposes of compilation or comparison. The 2002 geologic mapping by Chris Gallagher provides a sound base required to further analyze data from past exploration projects and all efforts must be made to collect as much of this data as possible.

Once this data has been collected it should be input into a digital geologic database. Eagle Plains has already developed a powerful database linked to an advanced GIS for analyzing data collected in the South Pelly VMS District. This will allow for efficient and reliable geologic analysis of the data and, as the database becomes even more robust, as a platform for statistical analysis. Drill hole data and associated analytical data can then be used to produce revised cross-sections of the property. Incorporation of data from the MM property will also allow for efficient comparison of the property with other VMS properties in the Pelly Mountain Volcanic Belt (PMVB) and to direct future exploration in the belt.

The presence of potassic alteration zones does not appear to have been addressed in earlier studies. Eagle Plains has found that cobalt nitrite staining of rock slabs is an inexpensive and effective way of delineating potassic alteration zones in rocks that are difficult to map (eg/ fine-grained, highly deformed), such as rocks of the Fire / Ice / Melt properties (Greig, 2002). These studies can help further develop the stratigraphy of the volcanic succession, as well as characterize the depositional environment at the time of alteration (ie/ were host rocks in equilibrium with their alteration fluids).

One outstanding question that remains for Eagle Plains is how the geology of the MM property relates to nearby VMS prospects in the PMVB (such as the Fire / Ice / Melt (FIM) property or the Eros property). In a broad sense, the stratigraphy of all three properties, and others in the Yukon (Atna Resources Wolf property; Wilson and Holbek, 1999), is similar – a package of intermediate to felsic volcanic and volcaniclastic rocks sandwiched between carbonaceous pelitic sediments (Greig, 2002; Downie and Gallagher, 2002). Correlating the stratigraphy of the volcanic succession itself is much more difficult due to the heterogeneous nature of the rocks (proximal volcanic depositional environment) and intense regional deformation. Rocks of the MM property tend to be finer grained with less evidence of explosive or phreatic eruptions (breccias, heterolithic lapilli tuffs, agglomerates, etc.). The structural geometry of the properties is quite similar and indeed similar to many rocks of the Yukon-Tanana Terrain (de Keijzer, Williams and Brown, 1999; Gallagher, 1999). They have all undergone polyphase deformation resulting in a flat lying regional transposition foliation that has later been deformed by upright asymmetric F_3 folding resulting in local steep belts. Likewise, the style and relative timing of alteration and mineralization are similar on the MM, FIM and Eros properties consisting of quartz-sericite-pyrite alteration and primarily concordant (pre-D_1) lenses of semi-massive to massive sulphides. To properly address this question in greater detail, a concise rock geochemistry survey of the volcanic sequence must be completed on the property. This data can then be used to compare the MM properties geochemical signatures with other properties in the PMVB including FIM and Eros.

A two phase work program ıs recommended to contınue to evaluate the MM – Seagull Creek area for VMS deposıts An initıal stage of mappıng, prospectıng, geochemıcal samplıng and possıbly aırborne geophysıcs should be used to ıdentıfy targets for a second phase dıamond drıllıng program As more data ıs collected, the property boundarıes should be expanded to ınclude prospectıve VMS stratıgraphy

Exploratıon crews should be based out of a fly camp on the property It ıs estımated that the first phase of work would take approxımately four weeks, wıth the second phase program contıngent on results from the first phase

A budget for the proposed work follows

PHASE 1

Personnel		$45,000 00
Geophysıcal Survey		$40,000 00
Helıcopter Support		$20,000 00
Analytıcal		$10,000 00
Meals/Grocery		$6,000 00
Truck and Equıpment Rentals		$2,000 00
Fuel (Dıesel, Gasolıne, Propane)		$2,000 00
Supplıes		$5,000 00
Mıscellaneous		$5,000 00
	Sub-Total	$145,000 00
	10% Contıngency	$14,500 00
	TOTAL Phase 1	$159,500 00

PHASE 2

Dıamond Drıllıng	$215,000 00
Personnel	$25,000 00
Helıcopter Support	$65,000 00
Mob/Demob	$5,000 00
Analytıcal	$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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YUKON MINFILE 105F 012

Appendix I

Statement of Qualifications

CERTIFICATE OF QUALIFICATION

I, Charles C. Downie of 122 13th Ave. S. in the city of Cranbrook in the Province of British Columbia hereby certify that:

1) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (#20137).

2) I am a graduate of the University of Alberta (1988) with a B.Sc. degree and have practiced my profession as a geologist continuously since graduation.

3) This report is supported by data collected during fieldwork as well as information gathered through research.

4) I hold 125,000 shares of Eagle Plains Resources; I Hold an option to purchase a further 250,000 Common Shares of Eagle Plains at $0.25 per share.

Dated this 30th day of September, 2002 in Cranbrook, British Columbia.

Charles C. Downie, P.Geo.

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 MM Claims, Watson Lake Mining Division, for the purpose of mineral exploration between the dates of May 01 2002 and October 15 2002.

PERSONNEL	
C.Gallagher, P. Geo: 11 days x $450/day	$4950.00
C. Downie, P. Geo: 4.75 days x $450/day	$2137.50
T. Termuende, P.Geo. : 2.5 days x $450/day	$1125.00
B. Robison, luvisol technician: 2 days x $300/day	$600.00
J. Campbell, luvisol technician: 11.5 days x $300/day	$3450.00
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:	$1120.53
Project Management (Toklat Resources):	$1541.20
Fuel:	$103.16
Materials:	$300.21
Airfare:	$1047.84
Helicopter Charter(Trans North):	$4827.16
Shipping:	$377.09
Analytical:	$2772.26
Drafting/Repro	$1790.33
Misc.:	$16.65
Filing Fees	$285.00
Report/Reproduction	$4000.00
TOTAL:	$34,688.14

Total Expenditures for 2002 MM Exploration Program including staking: $34,688.14

The following expenses were incurred on the MM Claims, Watson Lake Division, for the purpose of claim staking between the dates of July 23 and July 24 2002.

C. Gallagher, P.Geo: 1 day x $450.00/day	$450.00
J. Campbell, geological technician: 2 days x $300/day	$600.00
Materials (claim posts, hay wire):	$150.00
Filing Fees:	$285.00
Helicopter Charter (Trans North):	$1818.78
TOTAL:	$3303.78

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. PROJECT MM File # A202811A

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
JMR-01	.8	152.3	229.3	13	2.6	11.2	11.2	77	40.16	47.2	<.1	2.4	.1	18	.1	23.1	.7	<1	1.11	<.001	1	4.5	.20	1	<.001	<1	.02	<.001	<.01	1.9	.01	.3	<.1	24.91	<1
GMM-04A	6.2	11.3	471.9	494	.3	2.4	1.5	1298	4.68	11.7	1.0	2.4	11.6	11	2.3	.7	.1	<1	.54	.038	57	8.8	.57	140	.141	<1	1.45	.022	.95	2.3	.01	2.2	.6	.53	14
GMM-04B	34.4	11.3	139.1	8	4.2	1.9	3.4	46	27.20	312.6	10.3	17.1	18.0	5	.1	7.0	.5	<1	1.42	.003	59	8.0	.06	5	.022	3	.63	.004	.39	6.1	.14	1.3	.3	31.16	7
GMM-06B	3.7	6.3	85.1	4	.8	3.0	.6	35	2.68	33.1	.6	4.0	4.8	1	<.1	1.9	.1	2	.01	.004	13	10.8	.01	55	.002	2	.12	.002	.13	5.0	.03	.3	.1	2.61	1
GMM-06C	5.0	3.8	77.2	<1	.9	3.5	.3	16	5.37	42.7	.4	2.4	2.4	2	<.1	1.8	.1	1	<.01	<.001	7	10.2	.01	11	.001	1	.10	.002	.12	5.6	.06	.2	.1	6.18	1
GMM-07B	38.0	3.0	45.8	9	.5	8.9	.2	35	7.43	131.1	8.0	8.8	18.4	8	.1	3.6	.1	<1	.22	.002	19	11.5	.03	12	.032	1	.23	.002	.12	6.9	.43	<.1	.4	8.47	2
GMM-12A	3.5	1.8	5.1	14	.1	1.8	.5	21	.81	2.3	.7	.9	8.0	9	<.1	.3	<.1	<1	.12	.039	19	6.5	.01	268	.004	4	.29	.003	.23	3.5	.01	.3	.1	.20	1
GMM-25A	1.5	30.1	71.6	187	.1	1.4	.3	609	9.06	6.3	1.3	3.9	4.7	6	.2	1.3	.1	1	<.01	.019	25	3.1	1.02	971	.088	1	2.72	.011	1.64	1.6	.01	1.0	.7	.24	16
GMM-30A	11.9	427.2	23253.4	99999	44.2	<.1	6.2	2124	11.37	2.5	10.5	40.6	37.1	14	712.3	22.2	17.0	<1	1.69	<.001	171	<1	1.12	35	.050	1	1.66	.010	.86	2.1	4.47	<.1	2.5	5.04	24
GMM-30B	6.1	4.8	1571.4	417	6.0	.1	<.1	10	.38	23.0	.1	20.0	.1	191	1.9	14.9	<.1	<1	.01	.001	1	<1	.01	616	<.001	<1	.01	<.001	<.01	.2	.37	<.1	1.2	.19	<1
GMM-32A	7.9	994.8	10203.3	94381	19.8	<.1	13.8	1280	11.62	157.6	3.0	17.7	15.8	38	660.4	23.8	17.7	<1	3.36	<.001	41	3.4	.39	2	.039	9	1.07	.019	.52	6.4	7.30	2.0	.6	12.23	17
GMM-32B	10.3	478.8	6824.4	58145	15.1	1.6	16.2	754	17.04	311.0	2.0	18.0	11.6	21	390.7	19.0	12.9	<1	2.38	<.001	25	7.9	.24	<1	.029	2	.78	.018	.47	9.0	5.49	1.3	.5	17.80	16
GMM-34A	8.3	2918.7	4086.0	29504	9.4	1.7	3.9	1268	9.23	34.7	4.8	20.3	19.6	4	178.6	8.5	7.2	<1	.40	<.001	168	7.7	.98	5	.044	1	1.09	.016	.51	7.2	.71	.2	3.0	6.86	16
GMM-35A	3.8	104.6	7880.4	3853	18.6	.9	<.1	16	2.94	291.4	.9	37.1	<.1	32	16.2	32.3	.1	<1	<.01	<.001	<1	<1	<.01	13	<.001	<1	.01	<.001	<.01	1.0	.85	<.1	8.9	3.24	2
GMM-63	1.0	7.3	139.2	163	.9	.3	.6	1769	3.67	17.7	1.8	4.9	14.9	24	.6	1.3	.1	<1	1.36	.030	23	3.9	1.09	25	.046	2	1.03	.006	.86	2.0	<.01	.7	.7	2.40	6
GMM-66	1.4	8.2	51.4	248	.6	1.1	.7	1719	6.96	4.0	.4	6.1	7.7	11	.5	.3	.3	<1	.99	.024	17	7.8	1.73	47	.127	2	3.11	.026	1.38	3.1	<.01	1.9	.8	2.52	21
RE GMM-66	1.4	7.3	47.4	234	.6	1.4	.6	1653	6.81	2.9	.3	8.2	7.0	11	.4	.2	.2	1	.99	.023	15	7.0	1.66	38	.120	1	3.04	.025	1.33	3.0	<.01	1.8	.7	2.46	21
GMM-73	4.5	4.8	27.9	42	.2	.6	1.1	23	2.15	17.5	1.1	1.8	14.7	4	.2	.9	.1	<1	.03	.028	27	1.8	.04	54	.006	2	.26	.004	.30	1.1	<.01	.5	.4	1.87	2
GMM-89	11.7	5.8	27.1	55	2.4	1.4	.8	821	10.55	34.3	.6	16.6	11.6	4	.2	1.3	.7	<1	.27	.014	25	6.1	.43	8	.107	<1	.78	.003	.34	4.3	.06	1.1	2.8	9.67	10
GMM-90	13.5	12.9	57.2	136	3.8	1.8	.4	11048	8.29	13.0	2.1	11.2	26.7	1	.6	1.2	1.0	1	.15	.017	58	6.9	.98	25	.083	1	1.25	.004	.81	4.2	<.01	.9	1.7	4.57	13
GMM-92	17.1	4.3	218.7	60	1.0	1.2	.2	251	5.79	11.5	.4	7.1	12.3	6	.2	.9	.3	1	.04	.029	18	5.8	.05	176	.085	1	.30	.005	.24	2.2	<.01	.7	.3	.81	3
GMM-93	12.2	187.7	18602.5	99999	103.4	54.0	1.6	1908	22.68	58.6	1.3	21.9	3.2	17	555.6	113.3	.3	16	.16	.078	9	5.5	.07	5	.004	<1	.09	<.001	.03	2.7	34.16	.1	1.3	16.26	2
GMM-94A	8.3	35.5	749.8	1633	3.1	4.1	.9	1085	5.65	30.1	.6	9.3	14.5	31	5.7	4.9	1.1	3	1.10	.034	25	6.0	.96	39	.047	1	1.86	.031	.75	4.0	.38	1.5	3.9	3.40	11
GMM-94C	16.6	166.2	19339.6	99999	180.9	7.8	.4	1355	14.78	1792.1	1.4	189.0	9.4	22	970.9	801.1	.4	15	.99	.020	28	6.7	.35	5	.053	<1	.44	.002	.08	24.7	40.46	.3	5.2	15.32	11
GMM-98	1.2	3.7	1225.5	767	5.2	1.3	.1	41	1.76	19.5	.2	9.8	8.2	3	5.5	5.0	.1	<1	.01	.021	19	6.6	.01	90	.016	1	.15	.006	.31	3.6	.69	.3	.3	1.11	1
GMM-99	23.4	13.6	356.5	715	1.4	1.5	1.0	820	12.86	191.4	.7	7.4	9.0	16	2.9	2.7	.2	<1	.44	.018	23	4.6	.75	7	.071	1	1.25	.009	.62	2.5	.12	.5	2.8	13.40	11
GMM-100	7.3	288.3	136.4	653	.5	1.6	.5	210	28.71	438.4	1.2	5.0	7.6	5	.7	1.5	.4	19	.01	.033	19	4.1	.25	273	.028	2	1.14	.015	.49	1.8	.03	1.3	.2	.68	8
STANDARD DS3	8.9	125.3	30.0	152	.3	36.3	11.3	804	3.22	31.8	6.4	20.2	3.4	23	5.9	5.0	5.2	71	.50	.084	14	170.9	.55	132	.081	1	1.63	.029	.13	4.0	.25	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: ROCK R150 60C   Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 6 2002 **DATE REPORT MAILED:** Aug 19/02 **SIGNED BY** C. L. ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Toklat Resources Inc. PROJECT MM File # A202810

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

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
G-1	1.4	3.0	3.6	42	<.1	4.1	3.4	503	1.79	1.4	1.9	.6	4.3	71	<.1	<.1	.1	37	.55	.083	9	11.8	.48	205	.119	<1	.84	.066	.41	1.9	<.01	2.1	.3	<.05	4
JMS01	.6	7.8	11.7	64	.1	14.9	5.9	499	1.82	24.4	1.4	.7	1.8	86	.3	1.0	.2	11	15.92	.025	6	7.4	9.61	553	.017	<1	.60	.004	.07	.1	.01	1.2	.1	.12	1
JMS02	.4	10.5	18.8	159	.1	13.1	5.7	455	1.74	11.8	1.3	1.2	2.2	83	.4	1.0	.1	12	13.87	.023	9	9.3	8.58	559	.023	<1	.81	.006	.07	.1	.02	1.6	.1	.07	2
JMS03	.6	10.8	15.5	128	.1	20.4	7.5	536	1.96	20.1	1.0	2.0	2.5	90	.4	.9	.2	14	15.03	.022	10	11.9	9.67	305	.028	<1	.93	.008	.09	.1	.03	1.9	.1	<.05	2
JMS04	1.2	24.3	64.7	1842	.2	31.0	11.5	1065	2.69	22.5	2.0	.8	4.2	73	4.2	1.0	.2	21	10.04	.035	43	23.0	7.08	340	.047	<1	1.63	.014	.12	.1	.02	1.9	.1	<.05	4
JMS05	.9	16.8	43.6	1509	.2	25.3	9.3	993	2.29	22.9	1.9	1.2	3.4	75	3.1	1.1	.2	15	12.10	.026	38	15.4	8.10	281	.033	<1	1.25	.009	.10	.2	.02	1.6	.1	<.05	3
JMS06	3.2	39.2	38.2	715	.3	88.7	8.7	489	3.45	95.8	6.5	1.9	1.9	20	5.4	1.5	.3	48	.90	.139	28	15.0	.89	239	.030	1	1.32	.011	.14	.2	.09	1.9	.2	.21	3
JMS07	1.0	16.5	45.2	1579	.2	30.2	9.5	995	2.46	24.3	1.6	1.2	3.6	73	3.4	1.0	.2	18	10.82	.033	34	17.2	7.49	308	.038	1	1.36	.011	.11	.2	.02	1.8	.1	<.05	4
JMS08	.8	16.8	42.3	1457	.2	28.2	9.7	1020	2.50	24.2	1.6	1.5	3.5	71	3.4	1.0	.2	17	11.13	.031	33	16.9	7.52	281	.036	<1	1.35	.010	.12	.2	.03	1.8	.1	<.05	4
RE JMS08	.9	18.2	44.3	1463	.2	29.5	10.2	1068	2.62	26.7	1.6	.6	3.7	74	4.0	1.0	.3	18	11.36	.031	35	17.7	8.03	296	.040	<1	1.44	.011	.12	.2	.03	1.9	.1	<.05	4
JMS09	2.1	25.9	91.1	2215	.2	42.7	12.4	1150	3.25	36.9	2.5	2.3	5.2	66	5.4	1.4	.3	24	8.05	.050	46	23.4	6.06	326	.053	<1	1.79	.016	.14	.2	.02	2.2	.2	<.05	5
JMS10	4.6	44.7	134.4	2072	.4	36.1	10.5	1091	3.78	47.1	2.8	2.2	8.3	48	5.6	1.8	.5	30	5.69	.061	52	19.5	4.63	326	.038	1	1.71	.012	.17	.2	.04	1.9	.2	.06	5
JMS11	5.7	62.4	484.9	1865	1.1	13.4	4.2	984	4.17	55.0	2.5	7.0	14.3	43	6.8	3.3	.5	10	7.65	.034	83	8.3	5.27	579	.034	<1	1.09	.009	.20	.6	.12	1.3	.4	.13	5
JMS12	7.7	75.9	489.9	1498	1.3	21.2	6.7	1100	5.76	66.9	3.5	5.0	17.0	33	5.4	4.2	.6	15	3.51	.047	104	10.5	2.92	604	.044	1	1.48	.013	.28	.5	.15	1.4	.6	.23	7
JMS13	6.1	66.2	458.9	1964	1.2	23.5	6.6	1070	5.14	66.0	3.5	5.4	15.9	39	6.7	3.7	.5	15	4.83	.044	93	11.9	3.64	736	.043	<1	1.43	.011	.24	.7	.12	1.4	.5	.17	7
JMS14	14.5	115.2	616.4	231	2.2	.5	.5	443	10.72	101.5	1.3	182.6	30.6	11	.2	7.8	1.2	6	.06	.045	40	<1	.50	156	.056	<1	.91	.022	.74	1.3	.16	.6	1.6	.86	12
JMS15	5.6	65.7	358.2	1765	1.1	19.9	5.8	1026	4.98	60.0	2.4	5.0	14.4	41	5.6	3.8	.6	13	5.62	.042	91	9.3	4.03	559	.038	1	1.18	.011	.25	.6	.11	1.3	.5	.22	6
JMS16	5.4	75.4	320.4	2311	1.0	21.1	5.9	1367	4.61	52.8	4.4	4.7	13.6	44	7.8	3.1	.5	13	6.05	.038	225	10.1	4.33	570	.039	<1	1.55	.011	.23	.6	.07	1.2	.5	.21	6
JMS17	9.4	99.4	403.8	1657	1.4	7.7	2.7	1141	7.10	72.2	4.1	10.3	20.0	20	7.0	5.3	.7	7	1.93	.035	284	3.1	1.56	327	.041	<1	1.29	.012	.37	1.0	.13	.8	.8	.41	7
JMS18	11.3	106.9	464.0	1202	1.6	3.7	.9	661	8.38	82.2	3.6	23.0	25.0	12	3.9	6.6	.9	6	.51	.036	397	1.2	.66	244	.045	1	1.31	.016	.48	1.0	.14	.5	1.1	.55	7
JMS19	10.1	129.8	398.6	1486	1.3	5.8	1.8	648	7.92	74.5	3.6	5.2	21.5	15	5.3	6.0	.8	7	.93	.036	341	2.5	.90	282	.041	1	1.57	.013	.40	1.0	.12	.5	.9	.53	5
JMS20	8.1	48.0	69.2	5523	.5	126.4	11.5	987	4.26	56.2	5.8	3.1	17.8	25	15.7	1.9	.7	16	.37	.111	466	9.0	.51	126	.010	<1	1.57	.004	.13	.2	.04	1.0	.1	.11	3
JMS21	7.6	44.5	55.7	6246	.5	109.7	10.0	1292	3.40	50.3	9.9	1.3	12.6	34	26.5	2.2	.5	15	.74	.096	1333	6.4	.54	158	.007	2	3.05	.003	.10	.1	.06	.9	.1	.20	<1
JMS22	7.4	164.2	333.3	2649	1.4	10.5	3.1	1116	5.97	58.7	14.8	2.0	16.9	23	9.9	5.2	.6	8	2.24	.029	1586	4.7	1.69	285	.035	1	3.76	.010	.28	.6	.10	.7	.6	.51	<1
JMS23	9.6	174.9	380.5	3086	1.4	14.8	3.5	1324	6.19	67.7	11.9	4.8	18.1	20	13.0	4.8	.7	9	1.34	.037	1316	4.5	1.14	386	.037	1	3.49	.011	.31	.8	.10	.7	.7	.45	<1
JMS24	9.6	134.5	381.9	2683	1.4	11.7	3.1	849	7.62	72.8	6.2	3.6	21.2	18	9.1	5.8	.7	8	1.16	.036	737	3.5	1.05	323	.041	1	2.00	.011	.33	1.0	.11	.7	.6	.44	3
JMS25	8.8	125.1	379.2	2681	1.3	7.2	1.6	730	7.75	70.2	5.0	5.2	20.2	14	8.0	5.9	.7	7	.76	.033	660	2.0	.72	293	.038	<1	1.72	.011	.33	1.1	.11	.5	.7	.47	3
JMS26	8.2	127.4	355.8	2831	1.3	16.0	3.4	1073	6.55	68.3	6.7	1.9	18.4	20	9.6	4.8	.6	11	1.67	.039	715	4.6	1.45	399	.041	1	2.20	.010	.31	.7	.13	.8	.6	.40	2
JMS27	8.9	133.7	310.9	5436	1.6	35.0	5.1	2369	5.06	61.7	7.5	11.6	12.4	16	23.1	3.7	.5	16	.79	.052	1220	5.8	.81	190	.032	<1	3.01	.007	.21	.6	.09	.7	.4	.42	<1
JMS28	6.9	179.1	257.5	3705	1.1	20.0	3.9	1330	4.61	44.6	14.9	2.2	12.7	22	11.6	3.3	.4	14	1.61	.040	2251	5.7	1.26	397	.032	1	4.54	.008	.23	.2	.11	.8	.4	.38	<1
JMS29	13.6	77.7	610.1	365	2.0	.4	1.5	639	9.59	111.5	2.8	8.0	46.3	8	.7	9.6	.8	4	.04	.040	53	<1	.35	224	.042	<1	.90	.012	.40	1.1	.25	.5	1.0	.54	11
STANDARD DS3	8.8	118.3	32.0	166	.3	31.6	11.1	744	3.25	29.2	6.2	19.5	3.8	28	5.3	5.0	5.1	73	.55	.082	18	174.8	.56	136	.092	1	1.79	.033	.16	3.4	.21	3.4	1.1	.06	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: AUG 6 2002 **DATE REPORT MAILED:** Aug 16/02 **SIGNED BY** ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ____

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Toklat Resources Inc. PROJECT MM File # A202809 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	1.1	2.5	2.0	43	<.1	3.9	3.7	520	1.74	<.5	2.4	1.1	4.8	65	<.1	<.1	.2	37	.51	.090	7	11.3	.51	205	.117	1	.84	.058	.44	2.2	<.01	2.3	.3	<.05	4
M1 0+00	10.7	101.8	425.5	843	3.7	3.9	1.5	460	6.12	92.0	4.3	7.5	14.7	17	4.5	6.4	1.2	13	.29	.058	149	2.0	.32	409	.044	1	.88	.018	.29	.8	.15	.6	1.0	.27	8
M1 0+25E	13.9	132.0	698.1	168	1.8	1.4	.6	188	7.63	112.7	2.8	8.6	20.5	12	.6	8.3	1.7	9	.15	.066	101	1.6	.32	460	.036	<1	1.01	.015	.33	1.1	.18	.6	1.3	.29	10
M1 0+50E	19.0	158.5	769.4	369	3.3	.9	.8	385	11.10	138.3	2.6	11.9	35.9	13	.8	9.3	1.7	7	.03	.061	59	1.1	.52	157	.059	1	1.04	.022	.74	1.3	.22	.5	1.8	.86	13
M1 0+75E	25.3	166.6	783.3	786	4.4	1.8	1.0	378	11.31	179.1	6.7	19.9	45.3	17	3.8	11.9	2.5	12	.16	.065	71	1.6	.52	434	.068	1	1.15	.012	.58	1.8	.27	.8	1.8	.41	14
M1 1+00E	21.8	158.8	752.1	227	4.6	1.2	.6	291	11.31	188.2	2.1	16.8	41.0	15	.2	13.7	2.5	12	.01	.074	52	1.5	.41	198	.064	<1	.92	.018	.67	1.9	.26	.6	1.9	.78	13
M1 1+25E	15.2	92.4	718.5	262	2.4	.4	.4	384	12.07	112.3	1.6	10.6	34.1	10	.2	7.4	.9	4	.03	.055	45	<1	.45	151	.056	1	.88	.020	.71	1.0	.21	.4	1.6	.98	15
M1 1+50E	14.8	109.5	775.0	468	2.4	3.6	1.6	568	10.42	109.3	2.6	12.9	34.5	12	.9	6.9	1.2	7	.09	.056	81	3.0	.60	379	.061	<1	1.19	.018	.64	1.1	.14	.7	1.6	.60	13
M1 1+75E	14.3	78.4	673.1	473	2.3	1.2	1.2	624	9.20	103.3	3.3	11.2	38.6	12	1.1	6.9	.7	4	.41	.045	72	1.0	.68	368	.050	1	1.08	.015	.51	.9	.28	.7	1.2	.50	13
RE M1 1+75E	14.1	80.3	670.0	481	2.3	1.2	1.2	640	9.31	104.3	3.3	12.3	38.7	12	1.2	6.8	.8	4	.43	.043	71	1.0	.68	352	.050	<1	1.08	.015	.52	1.0	.29	.7	1.2	.51	13
M1 2+00E	8.1	39.7	110.6	572	.4	25.1	8.6	630	4.61	81.6	3.1	7.8	9.3	19	1.6	2.3	.5	36	.31	.097	50	16.3	1.19	234	.043	<1	2.05	.017	.14	.4	.02	2.4	.3	.07	9
M1 2+25E	2.3	21.3	114.4	752	.2	19.0	7.0	554	2.43	20.6	1.3	2.2	2.0	15	1.1	1.0	.4	24	.41	.078	23	11.5	.88	187	.038	1	1.56	.028	.06	.2	.02	1.8	.2	.06	5
M1 2+50E	3.3	55.3	133.3	368	.4	12.7	5.0	256	3.46	15.1	1.1	3.9	2.3	16	1.1	1.7	.5	36	.85	.102	20	15.5	1.19	170	.031	1	1.31	.025	.06	.1	.01	1.8	.2	<.05	5
M1 2+75E	3.8	36.5	145.1	953	.4	35.6	10.4	731	3.80	39.7	1.7	5.8	6.5	43	3.3	1.9	.4	33	5.11	.058	41	21.4	4.01	409	.045	1	1.57	.012	.12	.3	.03	2.7	.3	.06	6
M1 3+00E	4.2	41.9	172.6	1009	.5	31.0	10.0	569	4.19	36.1	1.5	4.8	5.3	23	3.0	1.7	.6	35	1.10	.079	44	22.9	1.88	369	.044	1	1.88	.017	.08	.3	.02	2.4	.3	.06	7
M1 3+25E	8.0	145.8	420.6	1634	1.8	11.4	6.0	3958	10.33	67.8	2.0	12.6	14.0	6	6.5	1.8	4.2	11	.16	.066	71	5.6	1.59	421	.067	1	2.81	.005	.27	.6	.04	1.8	.6	<.05	16
M1 3+50E	2.2	26.0	50.4	237	.2	14.0	4.1	650	1.85	21.2	.9	2.9	.9	11	.6	.8	.3	29	.30	.070	22	8.9	.76	143	.029	1	1.14	.026	.05	.1	.02	1.1	.2	<.05	4
M1 3+75E	9.0	45.1	52.9	201	.1	21.9	2.7	244	6.79	39.9	2.7	2.0	1.3	4	.3	6.1	.4	37	.06	.152	26	12.0	.26	108	.009	<1	.91	.008	.06	.2	.02	.6	.2	.09	4
M1 4+00E	5.1	28.8	85.0	482	.2	26.2	16.1	1428	5.18	80.1	2.4	1.8	1.9	12	1.2	2.1	.5	59	.42	.117	37	19.2	.86	281	.032	1	1.58	.007	.14	.1	.03	1.3	.3	.10	9
M1 4+25E	1.3	46.7	107.2	886	.3	39.9	13.2	655	3.32	25.7	.9	3.3	6.2	64	2.7	1.0	.3	25	7.76	.055	36	26.7	5.82	320	.057	1	1.90	.017	.08	.2	.01	3.6	.2	<.05	6
M1 4+50E	1.2	26.8	91.4	758	.2	44.6	15.4	646	3.27	24.4	.9	3.4	6.4	70	2.6	.9	.3	29	7.47	.055	31	32.9	5.64	346	.065	1	2.05	.020	.12	.2	.03	3.2	.2	<.05	7
M1 4+75E	1.3	25.8	98.1	727	.3	38.3	13.1	644	3.06	23.8	.9	1.5	6.0	72	2.8	.9	.3	26	8.45	.047	33	28.0	6.00	341	.060	1	1.87	.018	.09	.1	.03	3.3	.2	.06	6
M1 5+00E	4.8	21.6	85.9	499	.2	17.9	3.4	505	3.80	44.5	1.4	1.9	5.7	12	.4	1.5	.4	29	.60	.053	40	11.2	1.12	235	.039	<1	1.66	.010	.11	.3	.01	1.0	.3	<.05	9
M1 5+25E	7.2	24.9	91.2	341	.2	23.7	3.9	516	4.52	58.2	2.0	1.6	6.0	8	.3	1.9	.5	49	.18	.054	44	15.9	.83	189	.042	<1	1.67	.006	.11	.3	.03	1.4	.4	<.05	9
M1 5+50E	5.2	27.5	141.4	534	.5	23.7	4.5	488	4.08	50.1	2.1	2.8	6.9	9	.6	1.3	1.1	40	.22	.065	52	16.4	1.05	213	.059	<1	1.94	.009	.11	.3	.05	1.6	.4	<.05	9
M1 5+75E	5.1	32.5	149.9	709	.1	30.0	5.9	701	5.43	104.1	2.7	2.2	19.3	4	.6	1.8	.5	36	.08	.042	60	11.4	1.66	203	.072	1	2.11	.003	.14	.4	.02	1.8	.7	<.05	11
M1 6+00E	6.3	53.0	476.3	4106	1.1	33.2	8.6	866	4.39	56.3	4.4	7.0	9.2	22	6.5	1.8	.6	21	.50	.056	144	15.4	1.47	348	.043	2	2.31	.023	.09	.2	.08	2.0	.4	.08	8
M1 6+25E	2.2	17.0	165.7	1263	.3	14.5	7.4	795	2.30	23.6	1.5	3.0	3.1	12	2.7	.8	.2	18	.23	.051	34	9.6	.88	177	.036	<1	1.28	.020	.06	.1	.02	1.3	.2	<.05	5
M1 6+50E	1.8	36.7	164.0	1694	.4	52.3	17.5	923	3.85	27.7	1.5	3.3	7.6	80	5.9	1.1	.3	34	7.48	.062	57	39.6	5.83	395	.080	2	2.53	.025	.19	.2	.03	3.8	.2	.09	8
M1 6+75E	4.6	56.0	161.4	1223	.4	20.3	5.5	804	4.12	77.4	1.3	5.9	20.9	33	4.9	1.0	.7	16	4.75	.047	58	5.3	3.89	847	.058	<1	1.66	.009	.40	.6	.04	1.3	.5	<.05	8
M1 7+00E	4.0	38.5	107.3	761	.2	30.1	7.0	730	4.30	122.7	1.5	3.9	22.9	10	3.5	1.6	.6	23	.31	.064	61	6.6	1.95	551	.066	<1	2.07	.008	.35	.5	.03	1.7	.6	<.05	10
M1 7+25E	5.7	22.9	136.5	475	.2	18.3	6.6	631	4.37	48.5	1.8	5.3	8.5	12	.6	1.0	.5	35	.28	.056	53	16.2	1.27	251	.073	1	2.08	.010	.12	.3	.03	1.9	.4	<.05	11
M1 7+50E	2.4	80.8	179.1	1278	.2	169.4	36.4	1148	3.84	20.7	4.8	1.3	5.7	42	4.2	.9	.3	34	1.08	.072	87	33.9	2.46	359	.072	2	3.06	.027	.10	.2	.03	3.5	.2	<.05	7
M1 7+75E	10.5	17.9	123.8	312	.1	15.2	6.2	726	4.92	19.3	2.2	2.4	1.7	13	.7	1.3	.4	28	.30	.078	33	15.9	1.53	169	.031	2	1.86	.009	.06	.3	.04	1.0	.2	.08	8
STANDARD DS3	9.2	123.3	32.7	163	.3	33.8	11.9	767	3.17	31.9	6.0	22.0	4.1	27	5.7	5.1	5.4	74	.53	.087	18	173.6	.55	134	.083	2	1.70	.028	.15	4.1	.21	3.7	1.1	<.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 <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: AUG 6 2002 **DATE REPORT MAILED:** Aug 16/02 **SIGNED BY** ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ____ FA ____

ACME ANALYTICAL

Toklat Resources Inc. PROJECT MM FILE # A202809

ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
G-1	1.3	2.3	2.0	45	<.1	4.4	4.2	526	1.66	.9	2.5	.6	5.1	69	<.1	<.1	.2	37	.51	.089	7	12.3	.54	223	.123	3	.88	.059	.46	2.3	<.01	2.0	.3	<.05	4
M1 8+00E	5.6	23.5	59.5	194	.1	17.1	3.8	266	3.26	45.1	1.4	2.6	1.8	16	.2	1.4	.6	35	.09	.053	27	12.7	.46	104	.040	1	1.24	.007	.06	.3	.03	.9	.2	.07	7
M1 8+25E	1.1	24.1	57.8	736	.2	35.9	12.6	615	3.04	16.5	1.3	3.4	3.8	41	1.5	.6	.3	28	1.58	.059	63	24.5	2.21	325	.055	2	1.90	.026	.05	.2	.02	2.4	.2	<.05	6
M1 8+50E	.9	18.3	47.4	858	.2	39.1	13.3	751	2.94	18.1	1.4	3.4	6.4	93	1.7	.8	.2	25	10.98	.040	111	30.9	7.44	282	.060	2	1.81	.019	.15	.2	.02	3.0	.3	<.05	6
M1 8+75E	1.2	12.6	32.5	173	.2	24.4	9.1	517	2.16	20.0	.8	2.3	3.2	69	.6	.8	.2	16	13.49	.027	13	17.4	8.83	289	.035	<1	1.08	.010	.11	.2	<.01	3.1	.1	<.05	3
M1 9+00E	.6	10.1	16.2	132	.1	19.6	7.8	484	1.97	19.9	1.0	1.7	2.4	88	.6	.8	.1	13	14.60	.021	8	11.7	9.37	344	.025	1	.87	.007	.08	.2	.01	2.3	.1	<.05	3
M1 9+25E	.6	8.6	13.4	106	.1	14.9	6.2	486	1.63	16.9	.8	1.1	2.1	82	.3	.7	.1	11	15.60	.020	7	9.8	9.56	320	.021	<1	.73	.006	.07	.1	.02	2.2	<.1	<.05	2
M1 9+50E	.7	9.2	16.1	156	.1	18.8	7.2	528	1.86	19.1	.7	1.1	2.4	60	.6	.8	.2	12	14.87	.022	10	12.9	9.31	219	.025	<1	.85	.008	.07	.1	<.01	2.4	.1	<.05	2
M1 9+75E	.5	9.9	20.3	177	.1	12.3	5.2	474	1.44	9.7	1.0	2.4	1.9	92	.5	.9	.1	8	14.68	.020	8	6.4	9.24	428	.017	<1	.69	.005	.04	.2	.01	2.0	<.1	.06	2
M1 10+00E	.6	13.3	20.0	147	.1	21.5	9.4	438	2.06	11.2	.8	3.1	2.9	65	.4	.9	.2	14	13.72	.018	9	13.6	9.23	343	.030	1	1.06	.006	.08	.2	.02	2.5	.1	<.05	3
M1 10+25E	.5	9.8	16.2	120	.1	17.8	6.0	465	1.72	17.6	1.2	2.5	2.1	56	.5	.9	.2	9	14.53	.020	7	6.7	9.15	289	.018	1	.74	.005	.05	.1	<.01	2.7	.1	<.05	2
M1 10+50E	.5	7.5	12.3	76	.1	17.7	5.8	505	1.69	21.5	1.0	.9	1.7	59	.4	.8	.2	11	15.69	.019	5	8.8	10.09	358	.017	1	.67	.005	.06	.1	.01	1.6	.1	<.05	2
M1 10+75E	3.1	47.0	179.6	853	.7	30.8	19.1	485	7.01	48.2	2.6	3.8	8.6	9	2.7	1.4	.7	34	.93	.124	52	11.5	2.59	302	.041	2	1.91	.013	.11	.4	.03	1.5	.3	.08	9
M1 11+00E	.7	47.5	26.9	167	.1	105.5	28.2	527	4.26	15.1	.8	2.6	9.4	103	.4	.4	.3	60	4.02	.087	23	95.9	3.21	225	.134	<1	3.90	.062	.53	.3	.02	6.2	.2	<.05	12
M1 11+25E	3.1	50.3	68.7	547	.4	34.1	22.1	873	5.90	40.5	3.4	3.0	7.4	32	2.0	1.5	.7	27	4.48	.123	40	8.4	4.01	249	.019	1	1.23	.004	.10	.5	.02	1.2	.2	.18	5
M1 11+50E	6.8	20.9	151.2	271	.9	8.5	4.7	1007	9.10	79.4	1.5	3.9	19.7	9	.2	1.5	.4	20	.05	.079	62	5.9	1.38	203	.076	<1	1.60	.012	.75	.5	.02	1.1	.6	.93	10
M1 11+75E	7.2	17.5	121.5	234	.9	8.0	3.9	718	8.07	38.0	1.2	6.4	13.4	13	.4	1.5	.3	18	.15	.062	56	6.0	1.40	118	.071	<1	1.45	.020	.88	.4	.06	1.0	.5	1.23	9
M1 12+00E	5.6	16.3	84.1	145	.5	6.0	2.7	409	6.03	35.4	1.1	3.4	6.4	24	.2	1.2	.3	17	.05	.062	53	5.6	.92	300	.049	<1	1.26	.017	.49	.4	.03	.7	.4	.74	8
M1 12+25E	2.1	13.3	47.7	95	.3	4.3	2.5	368	4.09	21.0	.6	.9	6.5	21	<.1	.8	.2	16	.08	.061	29	4.2	.59	188	.052	<1	1.02	.018	.37	.2	.01	.7	.2	.39	6
M1 12+50E	6.3	74.4	67.7	160	.3	44.8	30.5	798	5.99	55.2	3.6	9.4	5.9	26	.5	2.8	1.5	34	.29	.112	46	12.0	1.82	372	.032	<1	1.32	.010	.24	.7	.04	1.2	.2	.43	7
M1 12+75E	7.8	46.2	140.4	171	.6	31.8	18.2	508	6.05	79.7	3.0	7.3	7.8	23	.4	2.9	1.1	36	.25	.077	47	12.2	1.62	464	.036	1	1.05	.012	.30	.6	.04	1.3	.2	.57	6
RE M1 12+75E	7.4	44.5	139.9	174	.6	32.8	18.2	497	6.04	79.5	3.0	4.9	7.8	29	.5	2.9	1.0	37	.26	.078	48	11.5	1.62	464	.036	1	1.05	.012	.29	.5	.04	1.2	.2	.55	6
M1 13+00E	3.2	15.5	28.1	81	.2	10.2	5.4	365	2.72	16.8	1.2	2.1	.1	20	.4	.9	.3	30	.08	.106	15	7.9	.33	149	.005	1	.75	.014	.10	.1	.01	.3	.1	.21	4
M1 13+25E	4.3	40.2	15.3	241	.3	44.4	7.8	354	3.74	29.1	3.0	2.9	5.0	28	.7	1.3	.3	53	.22	.114	36	15.4	.98	378	.032	1	1.11	.013	.11	.2	.03	1.5	.1	.12	4
M1 13+50E	4.5	45.3	21.9	376	.7	50.7	13.3	450	4.82	54.3	2.6	2.4	10.5	54	1.4	3.9	.8	55	3.49	.109	36	21.8	5.63	290	.015	2	1.97	.004	.07	.4	.02	2.7	.2	.07	7
M1 13+75E	3.4	32.3	21.9	347	.7	49.3	13.6	457	4.86	46.1	2.1	6.9	8.5	46	.9	2.8	.8	66	2.89	.096	33	26.7	6.69	319	.016	2	2.47	.003	.04	.3	.03	3.1	.1	.08	9
M1 14+00E	1.2	21.9	27.6	234	.3	20.1	8.1	466	2.22	19.6	.7	1.0	4.0	61	.7	1.7	.5	17	9.71	.106	24	11.8	7.00	412	.022	2	.90	.004	.03	.5	.03	1.2	.1	<.05	3
M1 14+25E	4.2	54.9	63.0	678	.5	45.4	19.7	1076	4.11	34.1	2.2	2.4	6.5	34	3.3	4.1	1.7	31	3.83	.311	58	18.9	4.19	598	.034	2	1.57	.006	.05	1.5	.04	1.8	.2	.16	5
M1 14+50E	1.2	29.4	18.3	148	.2	16.5	9.7	502	2.02	14.3	1.5	1.3	1.6	8	.4	1.0	.7	24	.94	.148	22	9.7	1.17	235	.025	1	1.25	.019	.03	.5	.03	.7	.1	.06	4
M1 14+75E	2.1	53.9	44.1	180	.4	40.7	18.4	770	3.97	29.7	1.1	3.7	6.3	42	1.0	1.4	.9	47	3.38	.127	30	17.7	4.54	324	.045	1	1.79	.004	.08	1.4	.02	1.5	.3	.06	6
M1 15+00E	1.1	33.4	12.6	143	.2	40.8	13.0	561	2.42	30.1	.9	2.7	1.8	15	.5	.9	.7	31	2.40	.100	22	17.0	3.04	301	.026	1	1.32	.006	.03	1.3	.02	1.0	.2	<.05	4
M1 15+25E	1.5	23.1	11.6	131	.1	32.1	12.8	542	3.62	19.6	1.2	1.5	2.6	8	.7	1.1	.5	40	.77	.114	26	15.0	1.84	194	.019	1	1.15	.007	.04	1.3	.03	1.3	.1	.08	4
M1 15+50E	1.0	19.9	15.0	113	.2	19.4	7.1	377	3.45	18.8	.7	3.7	3.4	9	.3	.5	.3	26	1.06	.081	32	13.4	1.89	199	.029	1	1.30	.011	.04	.7	.02	1.3	.1	<.05	5
M1 15+75E	.5	8.0	10.6	62	.1	8.4	2.9	274	1.33	5.2	.4	2.2	1.9	54	.2	.3	.1	12	8.59	.043	14	10.2	5.91	252	.022	1	.82	.005	.03	.4	.02	1.0	.1	<.05	3
STANDARD DS3	8.8	119.2	31.8	158	.4	34.2	11.2	775	3.15	32.3	5.8	22.2	3.6	27	5.8	4.7	5.1	72	.52	.081	17	178.3	.57	140	.082	1	1.74	.028	.14	3.7	.22	3.7	1.1	<.05	6

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

Data FA

Toklat Resources Inc. PROJECT MM FILE # A202809

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	2.3	2.0	43	<.1	4.3	3.7	530	1.67	.7	3.0	<.5	5.2	66	<.1	<.1	.2	36	.54	.097	7	12.7	.54	216	.120	<1	.86	.058	.45	2.3	<.01	2.5	.3	<.05	4
M1 16+00E	.5	7.0	10.9	67	.1	7.7	2.9	327	1.11	4.2	.4	2.1	2.3	55	.2	.3	.1	11	10.05	.036	13	9.9	6.79	212	.024	1	.76	.005	.03	.3	.01	1.1	.1	<.05	2
M1 16+25E	.5	8.1	17.3	86	.1	7.9	2.9	282	1.33	5.4	.4	3.2	1.8	46	.3	.5	.2	14	6.85	.043	12	12.3	5.46	268	.026	1	.98	.006	.03	.2	.02	1.4	.1	<.05	3
M1 16+50E	1.0	14.9	23.6	168	.1	12.2	4.1	201	1.79	10.4	.7	3.2	1.9	12	.5	.6	.5	19	.83	.078	25	12.1	1.38	304	.021	2	1.08	.009	.04	.5	.03	1.4	.1	.06	3
M1 16+75E	.9	12.2	20.8	158	.2	13.8	6.3	654	1.62	8.8	.7	.9	1.1	9	.8	.5	.5	21	.44	.096	23	10.6	.95	246	.016	<1	1.03	.010	.04	.3	.03	.9	.1	.07	3
M1 17+00E	1.7	27.4	19.9	126	.2	33.4	7.9	281	2.23	20.7	1.3	.8	6.6	11	.6	.8	.6	32	.42	.098	47	15.2	1.26	254	.030	<1	1.11	.007	.04	.5	.02	1.9	.1	<.05	4
M1 17+25E	1.5	13.6	14.7	162	.1	12.3	5.9	331	1.52	11.6	.8	<.5	.4	12	.5	.4	.4	24	.34	.092	21	9.6	.77	185	.016	2	.97	.014	.04	.4	.02	.7	.1	.06	4
M1 17+50E	1.2	12.4	13.2	96	.1	12.4	4.7	236	1.53	14.5	1.0	2.6	1.1	11	.2	.4	.2	24	.43	.076	19	10.8	.78	232	.020	<1	.95	.014	.04	.3	.01	1.0	.1	<.05	3
M1 17+75E	6.7	34.0	51.4	238	.5	22.3	18.5	914	3.68	58.3	2.8	3.0	.7	27	1.5	1.6	.3	31	.24	.209	26	12.2	.50	243	.009	1	.71	.009	.15	.2	.08	.6	.2	.24	3
M1 18+00E	5.3	27.1	30.8	117	.6	12.0	4.5	220	3.46	25.9	2.1	2.2	.1	18	.4	1.6	.2	43	.08	.157	15	11.6	.26	171	.004	<1	.83	.013	.11	.1	.05	.3	.2	.22	3
M1 18+25E	10.4	35.1	94.2	163	.8	13.3	5.7	327	5.48	21.6	2.7	2.7	.4	23	.4	2.3	.4	42	.05	.193	27	12.4	.41	321	.006	1	.88	.009	.12	.1	.05	.3	.2	.21	4
M1 18+50E	1.8	11.3	6.8	143	.1	12.8	5.5	167	1.21	9.7	2.0	1.7	.2	7	.4	.3	.1	20	.09	.076	9	4.7	.22	59	.016	<1	.80	.018	.03	.1	.02	.5	.1	<.05	3
M1 18+75E	5.2	23.8	14.8	140	.2	25.7	7.4	376	2.84	54.8	2.6	6.2	4.5	9	.7	1.1	.3	27	.12	.059	45	13.4	.63	191	.027	<1	.94	.005	.08	.4	.02	1.0	.1	.07	4
M1 19+00E	3.8	26.0	18.1	307	.3	34.8	6.8	212	2.56	17.8	2.7	.8	.9	12	.4	.8	.2	45	.18	.098	29	18.7	.78	182	.020	1	1.49	.011	.06	.2	.02	.9	.2	.08	4
RE M1 19+00E	3.3	24.2	17.9	303	.3	35.5	6.4	203	2.47	17.4	2.8	1.1	.9	12	.6	.7	.2	43	.17	.096	28	19.1	.79	182	.020	<1	1.46	.011	.06	.2	.02	1.0	.2	.09	4
M1 19+25E	2.4	14.9	14.5	90	.2	17.1	5.0	446	2.55	19.4	.9	2.3	2.7	38	.6	1.2	.1	18	5.94	.081	24	8.9	3.81	539	.013	1	.63	.005	.06	.3	.02	1.1	.1	.06	2
M1 19+50E	2.1	16.1	12.8	72	.1	18.0	5.3	367	2.14	26.5	1.0	3.0	4.7	46	.3	1.0	.1	17	6.99	.064	23	8.8	4.62	503	.016	<1	.60	.005	.04	.4	.02	1.3	.1	<.05	2
M1 19+75E	2.5	23.6	20.3	145	.3	22.2	6.2	430	2.51	12.7	1.0	4.5	2.5	13	.9	1.1	.3	26	1.09	.090	30	14.5	1.21	252	.018	<1	.89	.006	.05	.2	.03	1.5	.1	<.05	3
M1 20+00E	1.4	10.3	9.9	99	.1	9.9	5.3	445	1.09	9.7	1.0	<.5	<.1	14	1.0	.3	.1	16	.42	.151	11	4.4	.27	178	.005	1	.73	.019	.04	.1	.02	.1	<.1	.07	2
M1 20+25E	2.5	36.0	8.0	85	.2	15.2	4.0	68	1.10	6.6	3.2	3.5	<.1	7	.8	.4	.1	15	.11	.112	9	4.7	.13	43	.005	1	1.18	.018	.03	.1	.03	.5	.1	<.05	3
M1 20+50E	2.5	17.8	12.7	162	.1	15.4	4.7	279	1.81	10.9	.6	2.9	1.8	17	.6	.7	.4	26	2.39	.082	25	13.5	1.98	234	.020	1	.91	.007	.04	.4	.03	1.3	.1	.06	3
M1 20+75E	2.3	17.3	13.3	129	.2	19.2	4.3	204	1.67	11.7	1.2	1.8	.7	11	.7	.8	.4	33	.40	.100	25	13.5	.85	296	.012	1	1.07	.009	.05	.7	.03	.6	.1	<.05	3
M1 21+00E	1.6	19.0	6.6	65	.2	13.8	5.5	344	.97	7.6	1.1	<.5	.1	8	.6	.4	.1	18	.11	.073	15	4.8	.21	81	.004	<1	.65	.013	.04	.2	.04	.2	.1	.06	3
M1 21+25E	7.7	41.0	26.2	211	.4	32.3	9.6	489	3.17	23.6	2.3	1.1	.4	22	.7	1.8	.3	46	.10	.137	23	13.3	.38	186	.002	<1	.74	.003	.10	.2	.02	.2	.2	.13	3
M1 21+50E	1.3	5.6	4.9	27	.2	4.3	2.4	150	.74	3.4	.6	<.5	<.1	7	.4	.2	.1	16	.06	.076	5	3.7	.11	68	.001	<1	.36	.013	.03	<.1	.03	.1	<.1	.06	2
M1 21+75E	5.7	33.7	15.9	103	1.3	25.1	3.0	63	2.42	22.2	2.4	<.5	.5	19	.3	1.4	.4	44	.10	.121	26	14.8	.53	190	.003	1	.96	.004	.07	.3	.04	.3	.1	.08	4
M1 22+00E	1.2	15.1	9.0	68	.1	20.3	5.5	416	1.84	10.4	.6	5.3	1.4	18	.4	.7	.2	30	2.40	.088	20	16.3	1.82	277	.018	1	.99	.009	.04	.4	.02	1.4	.1	<.05	3
M2 0+00	.8	18.2	35.2	265	.1	22.5	6.6	433	1.99	7.9	.5	1.2	1.7	83	.7	1.5	.2	8	12.94	.020	8	6.2	7.93	1374	.013	<1	.51	.004	.03	.1	.05	1.1	.1	.08	1
M2 0+25E	11.0	183.3	278.7	5476	1.0	99.4	23.8	5810	12.53	437.2	8.1	9.7	21.5	15	27.6	7.9	1.3	36	.46	.086	237	9.5	1.02	562	.030	1	3.06	.006	.20	.3	.07	2.7	.3	.39	9
M2 0+50E	12.4	298.3	2094.0	10836	2.5	28.5	10.6	7363	12.83	470.7	5.8	13.6	28.8	12	52.9	5.7	1.9	13	.23	.070	248	3.4	.84	388	.030	<1	2.74	.008	.25	.3	.04	1.7	.4	.40	11
M2 0+75E	16.5	223.3	3046.4	3293	3.1	23.6	9.9	3608	12.40	239.5	5.2	9.4	27.9	13	10.5	6.4	1.4	16	.13	.074	85	4.1	.86	411	.044	1	1.96	.009	.40	.4	.10	1.2	.4	.51	12
M2 1+00E	4.6	45.1	596.4	228	1.8	.5	.3	1184	13.87	56.1	.3	8.9	14.5	26	.2	1.6	.3	2	.04	.112	46	<1	1.18	67	.122	<1	1.15	.011	1.68	.1	.01	.5	2.2	2.58	17
M2 1+25E	20.5	119.3	1040.8	1042	2.4	5.2	3.9	4486	13.46	77.9	2.1	13.4	38.4	10	4.6	3.6	1.1	13	.04	.076	59	2.1	.74	253	.073	<1	1.83	.007	.73	.2	.07	1.1	1.2	.89	14
M2 1+50E	13.3	223.0	2975.0	7363	2.4	30.3	9.6	3365	10.01	47.3	4.1	11.8	25.3	17	29.3	4.6	1.2	20	.30	.074	137	4.1	1.17	403	.051	<1	2.28	.012	.55	.3	.10	1.6	.6	.55	12
STANDARD DS3	9.2	118.0	31.5	161	.3	35.8	11.1	766	3.12	30.9	5.9	19.6	3.9	26	5.5	4.8	5.1	75	.50	.084	17	178.4	.55	140	.082	1	1.68	.028	.14	3.4	.20	4.0	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. PROJECT MM FILE # A202809

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	1.5	2.3	2.0	43	<.1	4.3	3.7	530	1.67	.7	3.0	<.5	5.2	66	<.1	<.1	.2	36	.54	.097	7	12.7	.54	216	.120	<1	.86	.058	.45	2.3	<.01	2.5	.3	<.05	4
M1 16+00E	.5	7.0	10.9	67	.1	7.7	2.9	327	1.11	4.2	.4	2.1	2.3	55	.2	.3	.1	11	10.05	.036	13	9.9	6.79	212	.024	1	.76	.005	.03	.3	.01	1.1	.1	<.05	2
M1 16+25E	.5	8.1	17.3	86	.1	7.9	2.9	282	1.33	5.4	.4	3.2	1.8	46	.3	.5	.2	14	6.85	.043	12	12.3	5.46	268	.026	1	.98	.006	.03	.2	.02	1.4	.1	<.05	3
M1 16+50E	1.0	14.9	23.6	168	.1	12.2	4.1	201	1.79	10.4	.7	3.2	1.9	12	.5	.6	.5	19	.83	.078	25	12.1	1.38	304	.021	2	1.08	.009	.04	.5	.03	1.4	.1	.06	3
M1 16+75E	.9	12.2	20.8	158	.2	13.8	6.3	654	1.62	8.8	.7	.9	1.1	9	.8	.5	.5	21	.44	.096	23	10.6	.95	246	.016	<1	1.03	.010	.04	.3	.03	.9	.1	.07	3
M1 17+00E	1.7	27.4	19.9	126	.2	33.4	7.9	281	2.23	20.7	1.3	.8	6.6	11	.6	.8	.6	32	.42	.098	47	15.2	1.26	254	.030	<1	1.11	.007	.04	.5	.02	1.9	.1	<.05	4
M1 17+25E	1.5	13.6	14.7	162	.1	12.3	5.9	331	1.52	11.6	.8	<.5	.4	12	.5	.4	.4	24	.34	.092	21	9.6	.77	185	.016	2	.97	.014	.04	.4	.02	.7	.1	.06	4
M1 17+50E	1.2	12.4	13.2	96	.1	12.4	4.7	236	1.53	14.5	1.0	2.6	1.1	11	.2	.4	.2	24	.43	.076	19	10.8	.78	232	.020	<1	.95	.014	.04	.3	.01	1.0	.1	<.05	3
M1 17+75E	6.7	34.0	51.4	238	.5	22.3	18.5	914	3.68	58.3	2.8	3.0	.7	27	1.5	1.6	.3	31	.24	.209	26	12.2	.50	243	.009	1	.71	.009	.15	.2	.08	.6	.2	.24	3
M1 18+00E	5.3	27.1	30.8	117	.6	12.0	4.5	220	3.46	25.9	2.1	2.2	.1	18	.4	1.6	.2	43	.08	.157	15	11.6	.26	171	.004	<1	.83	.013	.11	.1	.05	.3	.2	.22	3
M1 18+25E	10.4	35.1	94.2	163	.8	13.3	5.7	327	5.48	21.6	2.7	2.7	.4	23	.4	2.3	.4	42	.05	.193	27	12.4	.41	321	.006	1	.88	.009	.12	.1	.05	.3	.2	.21	4
M1 18+50E	1.8	11.3	6.8	143	.1	12.8	5.5	167	1.21	9.7	2.0	1.7	.2	7	.4	.3	.1	20	.09	.076	9	4.7	.22	59	.016	<1	.80	.018	.03	.1	.02	.5	.1	<.05	3
M1 18+75E	5.2	23.8	14.8	140	.2	25.7	7.4	376	2.84	54.8	2.6	6.2	4.5	9	.7	1.1	.3	27	.12	.059	45	13.4	.63	191	.027	<1	.94	.005	.08	.4	.02	1.0	.1	.07	4
M1 19+00E	3.8	26.0	18.1	307	.3	34.8	6.8	212	2.56	17.8	2.7	.8	.9	12	.4	.8	.2	45	.18	.098	29	18.7	.78	182	.020	1	1.49	.011	.06	.2	.02	.9	.2	.08	4
RE M1 19+00E	3.3	24.2	17.9	303	.3	35.5	6.4	203	2.47	17.4	2.8	1.1	.9	12	.6	.7	.2	43	.17	.096	28	19.1	.79	182	.020	<1	1.46	.011	.06	.2	.02	1.0	.2	.09	4
M1 19+25E	2.4	14.9	14.5	90	.2	17.1	5.0	446	2.55	19.4	.9	2.3	2.7	38	.6	1.2	.1	18	5.94	.081	24	8.9	3.81	539	.013	1	.63	.005	.06	.3	.02	1.1	.1	.06	2
M1 19+50E	2.1	16.1	12.8	72	.1	18.0	5.3	367	2.14	26.5	1.0	3.0	4.7	46	.3	1.0	.1	17	6.99	.064	23	8.8	4.62	503	.016	<1	.60	.005	.04	.4	.02	1.3	.1	<.05	2
M1 19+75E	2.5	23.6	20.3	145	.3	22.2	6.2	430	2.51	12.7	1.0	4.5	2.5	13	.9	1.1	.3	26	1.09	.090	30	14.5	1.21	252	.018	<1	.89	.006	.05	.2	.03	1.5	.1	<.05	3
M1 20+00E	1.4	10.3	9.9	99	.1	9.9	5.3	445	1.09	9.7	1.0	<.5	<.1	14	1.0	.3	.1	16	.42	.151	11	4.4	.27	178	.005	1	.73	.019	.04	.1	.02	.1	<.1	.07	2
M1 20+25E	2.5	36.0	8.0	85	.2	15.2	4.0	68	1.10	6.6	3.2	3.5	<.1	7	.8	.4	.1	15	.11	.112	9	4.7	.13	43	.005	1	1.18	.018	.03	.1	.03	.5	.1	<.05	3
M1 20+50E	2.5	17.8	12.7	162	.1	15.4	4.7	279	1.81	10.9	.6	2.9	1.8	17	.6	.7	.4	26	2.39	.082	25	13.5	1.98	234	.020	1	.91	.007	.04	.4	.03	1.3	.1	.06	3
M1 20+75E	2.3	17.3	13.3	129	.2	19.2	4.3	204	1.67	11.7	1.2	1.8	.7	11	.7	.8	.4	33	.40	.100	25	13.5	.85	296	.012	1	1.07	.009	.05	.7	.03	.6	.1	<.05	3
M1 21+00E	1.6	19.0	6.6	65	.2	13.8	5.5	344	.97	7.6	1.1	<.5	.1	8	.6	.4	.1	18	.11	.073	15	4.8	.21	81	.004	<1	.65	.013	.04	.2	.04	.2	.1	.06	3
M1 21+25E	7.7	41.0	26.2	211	.4	32.3	9.6	489	3.17	23.6	2.3	1.1	.4	22	.7	1.8	.3	46	.10	.137	23	13.3	.38	186	.002	<1	.74	.003	.10	.2	.02	.2	.2	.13	3
M1 21+50E	1.3	5.6	4.9	27	.2	4.3	2.4	150	.74	3.4	.6	<.5	<.1	7	.4	.2	.1	16	.06	.076	5	3.7	.11	68	.001	<1	.36	.013	.03	<.1	.03	.1	<.1	.06	2
M1 21+75E	5.7	33.7	15.9	103	1.3	25.1	3.0	63	2.42	22.2	2.4	<.5	.5	19	.3	1.4	.4	44	.10	.121	26	14.8	.53	190	.003	1	.96	.004	.07	.3	.04	.3	.1	.08	4
M1 22+00E	1.2	15.1	9.0	68	.1	20.3	5.5	416	1.84	10.4	.6	5.3	1.4	18	.4	.7	.2	30	2.40	.088	20	16.3	1.82	277	.018	1	.99	.009	.04	.4	.02	1.4	.1	<.05	3
M2 0+00	.8	18.2	35.2	265	.1	22.5	6.6	433	1.99	7.9	.5	1.2	1.7	83	.7	1.5	.2	8	12.94	.020	8	6.2	7.93	1374	.013	<1	.51	.004	.03	.1	.05	1.1	.1	.08	1
M2 0+25E	11.0	183.3	278.7	5476	1.0	99.4	23.8	5810	12.53	437.2	8.1	9.7	21.5	15	27.6	7.9	1.3	36	.46	.086	237	9.5	1.02	562	.030	1	3.06	.006	.20	.3	.07	2.7	.3	.39	9
M2 0+50E	12.4	298.3	2094.0	10836	2.5	28.5	10.6	7363	12.83	470.7	5.8	13.6	28.8	12	52.9	5.7	1.9	13	.23	.070	248	3.4	.84	388	.030	<1	2.74	.008	.25	.3	.04	1.7	.4	.40	11
M2 0+75E	16.5	223.3	3046.4	3293	3.1	23.6	9.9	3608	12.40	239.5	5.2	9.4	27.9	13	10.5	6.4	1.4	16	.13	.074	85	4.1	.86	411	.044	1	1.96	.009	.40	.4	.10	1.2	.4	.51	12
M2 1+00E	4.6	45.1	596.4	228	1.8	.5	.3	1184	13.87	56.1	.3	8.9	14.5	26	.2	1.6	.3	2	.04	.112	46	<1	1.18	67	.122	<1	1.15	.011	1.68	.1	.01	.5	2.2	2.58	17
M2 1+25E	20.5	119.3	1040.8	1042	2.4	5.2	3.9	4486	13.46	77.9	2.1	13.4	38.4	10	4.6	3.6	1.1	13	.04	.076	59	2.1	.74	253	.073	<1	1.83	.007	.73	.2	.07	1.1	1.2	.89	14
M2 1+50E	13.3	223.0	2975.0	7363	2.4	30.3	9.6	3365	10.01	47.3	4.1	11.8	25.3	17	29.3	4.6	1.2	20	.30	.074	137	4.1	1.17	403	.051	<1	2.28	.012	.55	.3	.10	1.6	.6	.55	12
STANDARD DS3	9.2	118.0	31.5	161	.3	35.8	11.1	766	3.12	30.9	5.9	19.6	3.9	26	5.5	4.8	5.1	75	.50	.084	17	178.4	.55	140	.082	1	1.68	.028	.14	3.4	.20	4.0	1.1	<.05	6

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

Data FA

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
G-1	1.3	2.4	3.5	43	<.1	3.5	3.3	494	1.59	.8	2.2	<.5	4.5	61	<.1	<.1	.2	33	.45	.086	7	11.6	.47	212	.109	1	.78	.052	.42	2.2	<.01	2.1	.3	<.05	4
M2 1+75E	34.0	65.0	600.2	420	2.4	1.7	.6	664	19.86	167.9	1.6	14.7	62.4	7	.3	4.4	.8	17	.02	.107	26	2.6	.47	222	.043	<1	1.10	.007	.48	.3	.07	1.7	.6	.84	13
M2 2+00E	27.7	100.7	621.5	3556	2.1	19.0	9.1	7986	13.60	141.0	8.8	19.4	42.7	8	22.9	5.3	.8	13	.16	.059	365	3.3	.76	398	.037	<1	3.49	.005	.33	.5	.11	1.6	.8	.46	7
M2 2+25E	23.8	83.3	212.3	1413	2.0	12.8	9.2	8028	15.99	173.9	7.5	16.4	49.4	8	11.1	6.0	.8	10	.07	.061	122	1.9	.61	393	.027	1	2.81	.004	.31	.5	.10	1.7	1.2	.43	14
M2 2+50E	15.6	50.0	1205.2	390	2.3	1.4	2.0	1172	11.46	107.0	1.5	11.1	34.4	19	.4	5.8	.9	11	.04	.084	75	1.9	.70	257	.088	<1	1.35	.009	.79	.5	.17	1.0	.9	.93	13
M2 2+75E	24.6	47.7	234.1	1278	1.8	14.5	6.6	6617	14.64	909.3	4.3	21.2	46.6	15	5.0	8.2	.7	19	.13	.111	278	3.5	.59	481	.052	1	2.95	.007	.38	.5	.07	2.0	.7	.43	12
M2 3+00E	22.7	57.0	352.8	1610	1.8	14.8	6.3	6605	14.65	572.8	4.5	21.5	40.2	13	9.1	7.4	1.0	31	.09	.139	218	4.7	.81	497	.061	<1	2.72	.006	.46	.5	.05	1.6	1.0	.44	13
M2 3+25E	3.3	33.2	257.2	2955	.7	29.7	17.2	2460	3.95	113.5	4.0	2.6	14.8	63	13.1	2.2	.3	13	9.58	.046	179	7.0	6.44	661	.020	1	1.47	.004	.10	.1	.04	2.1	.3	.19	3
M2 3+50E	1.6	16.1	78.6	515	.3	25.4	13.9	705	2.42	17.9	.9	.8	3.8	72	2.4	1.1	.2	11	12.12	.035	24	6.9	7.55	652	.017	<1	.74	.004	.08	.1	.04	1.4	.1	.07	2
M2 3+75E	17.8	41.0	398.1	1356	.8	5.3	1.9	2961	9.68	99.4	4.9	14.2	29.6	18	1.7	2.5	.4	19	.26	.097	139	3.9	1.04	268	.113	<1	2.71	.009	.51	.7	.05	1.3	1.9	.21	19
M2 4+00E	25.2	12.6	158.6	499	1.8	2.2	1.5	3800	10.68	206.8	2.8	16.0	32.5	8	.5	2.2	.6	15	.08	.056	114	2.5	1.34	521	.142	1	2.42	.008	.94	.5	.06	1.3	3.3	.32	26
M2 4+25E	17.5	14.2	113.0	865	1.1	4.5	2.4	7700	10.37	212.9	4.2	10.4	22.8	14	2.2	3.0	.4	6	.40	.047	234	2.2	1.27	330	.123	1	2.60	.008	.52	.6	.06	1.8	1.3	.07	24
M2 4+50E	26.0	18.4	99.2	714	1.4	4.2	2.0	5769	12.93	386.0	5.9	18.5	44.6	17	1.8	2.8	.4	6	.21	.058	200	2.5	.97	393	.129	1	2.50	.008	.58	.5	.11	2.0	1.9	.23	26
M2 4+75E	21.1	16.6	96.7	640	1.2	3.4	2.2	7222	11.16	100.9	4.8	11.4	24.4	21	2.0	3.4	.6	6	.36	.048	176	2.1	1.10	414	.127	2	2.52	.010	.61	.5	.12	2.2	1.5	.14	25
M2 5+00E	18.6	23.4	148.6	767	2.6	6.1	1.4	4098	11.77	68.7	5.8	14.3	47.9	25	1.3	6.1	.3	19	.40	.097	124	4.2	1.12	828	.158	1	2.56	.009	.81	.5	.17	1.9	1.9	.24	26
M2 5+25E	25.7	97.9	481.4	1044	1.1	12.2	5.4	3696	10.97	119.9	4.7	12.1	32.3	22	6.5	3.8	1.5	23	.11	.084	100	3.1	.86	544	.092	1	2.33	.015	.85	.5	.04	1.3	1.4	.46	16
M2 5+50E	23.0	67.8	403.9	462	1.5	7.1	2.4	1811	12.28	107.4	2.1	6.4	34.3	19	1.6	4.6	1.2	21	.07	.077	73	2.6	.84	363	.113	1	1.80	.009	.99	.5	.06	1.0	1.7	.61	16
M2 5+75E	6.8	64.8	420.4	4245	2.6	26.4	8.1	2222	5.09	117.3	3.8	9.5	15.1	31	18.6	4.4	.7	20	4.82	.079	137	9.1	4.16	437	.048	1	2.01	.007	.31	.5	.21	2.1	.9	.20	7
RE M2 5+75E	6.7	65.0	423.3	4139	2.5	26.5	8.1	2204	4.92	115.5	3.7	9.4	15.0	31	18.0	4.6	.7	19	4.63	.075	137	8.8	4.04	442	.047	1	2.00	.007	.30	.4	.22	2.1	.9	.19	7
M2 6+00E	12.1	2332.5	7996.9	33761	18.1	10.8	7.6	2459	11.99	137.8	6.7	26.0	29.5	23	92.7	19.4	24.1	22	2.37	.075	279	7.8	2.22	476	.047	1	2.27	.013	.38	1.8	.51	1.1	2.2	.49	14
M2 6+25E	2.2	108.9	841.4	2772	1.1	5.1	3.0	748	2.70	23.3	1.3	2.3	5.4	57	15.2	2.2	.6	9	13.13	.032	31	8.8	8.33	437	.017	1	.73	.005	.09	.3	.07	1.3	.2	.11	3
M2 6+50E	9.0	68.0	406.5	1618	1.4	37.0	9.7	1439	6.30	152.5	5.3	11.9	20.8	32	6.5	4.1	.7	31	3.96	.068	69	9.5	3.25	971	.036	1	1.37	.008	.28	.6	.10	1.6	.3	.15	8
M2 6+75E	28.2	42.9	1011.5	350	2.8	3.2	1.2	870	13.49	202.3	2.1	15.0	41.0	14	.3	6.9	.7	16	.02	.092	51	2.4	.39	266	.065	1	.86	.012	.50	.8	.14	.9	1.1	.71	11
M2 7+00E	53.7	56.3	907.6	643	2.9	1.7	.5	584	18.17	212.8	2.2	10.1	52.2	10	.2	8.2	1.1	26	.02	.108	45	3.0	.21	178	.064	1	.67	.005	.29	1.2	.20	.6	.4	.53	14
M2 7+25E	37.5	50.6	1047.1	495	4.0	2.0	1.6	1362	16.69	147.2	3.5	9.5	75.6	9	.6	8.7	.6	18	.02	.109	65	2.2	.27	215	.058	1	.76	.005	.29	1.0	.24	1.0	.5	.45	13
M2 7+50E	32.8	40.9	901.8	678	2.2	3.3	2.2	3261	12.32	162.3	4.1	4.7	41.9	15	2.6	5.8	.6	18	.03	.102	93	1.9	.43	318	.067	<1	1.13	.007	.39	.6	.09	1.0	.8	.37	13
M2 7+75E	15.7	96.5	410.6	729	.7	.8	2.6	2008	11.20	167.0	7.3	8.8	59.2	4	.5	3.1	1.5	6	.02	.064	188	1.0	.72	216	.052	1	1.65	.004	.38	.6	.06	.7	.7	.24	16
M2 8+00E	46.5	67.4	782.4	408	3.4	1.8	5.5	2030	15.85	91.5	6.1	23.5	91.1	9	.5	7.0	.7	8	.02	.152	74	1.8	.18	211	.026	1	.64	.007	.55	.8	.10	1.9	.7	1.01	10
M2 8+25E	32.9	93.8	1088.6	695	5.8	7.3	4.7	2720	10.02	77.4	26.9	12.8	23.7	11	.9	7.6	.9	14	.11	.160	316	5.8	.39	345	.023	3	1.85	.009	.23	.4	.15	3.1	.6	.25	6
M2 8+50E	18.7	84.4	303.1	578	1.7	31.1	13.0	4986	10.71	140.2	7.8	10.6	19.5	12	1.9	2.6	.4	16	.26	.108	423	4.3	.68	452	.063	4	3.33	.007	.47	.4	.10	1.5	.6	.15	7
M2 8+75E	30.6	111.9	484.7	1158	1.9	3.2	7.0	4397	14.52	112.0	9.4	18.2	41.5	8	4.4	8.7	1.0	6	.04	.134	156	2.3	.38	405	.026	6	1.94	.006	.21	.7	.11	1.5	.8	.15	12
M2 9+00E	15.9	94.0	1284.3	264	4.9	.3	.3	221	10.05	169.3	1.7	16.2	45.1	12	.2	15.0	.7	6	.01	.072	63	<1	.20	153	.048	10	.60	.019	.53	1.7	.39	.5	1.9	.80	11
M2 9+25E	17.3	102.2	1055.0	242	4.7	.4	.5	304	11.49	169.6	1.3	20.0	39.4	11	.3	13.4	1.0	8	.01	.069	41	<1	.35	154	.060	4	.74	.019	.62	1.6	.27	.4	2.0	.80	12
M2 9+50E	25.5	184.7	538.3	366	3.4	2.4	2.4	459	11.08	219.0	3.1	17.5	44.2	19	.4	9.3	2.1	17	.01	.107	79	2.0	.41	267	.066	2	1.04	.016	.62	1.5	.15	.9	1.6	.72	10
STANDARD DS3	9.0	122.2	32.5	160	.3	33.3	11.0	761	3.18	31.7	5.9	19.5	3.8	26	5.8	5.1	5.4	71	.50	.085	17	176.0	.53	139	.080	2	1.64	.026	.14	3.6	.23	3.8	1.2	<.05	5

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	2.2	2.6	41	<.1	3.4	3.5	495	1.66	.9	2.6	<.5	5.2	66	<.1	<.1	.2	37	.53	.085	8	11.4	.49	202	.119	<1	.82	.054	.45	2.0	.01	2.0	.3	<.05	4
M2 9+75E	23.2	104.7	114.5	496	.5	3.5	8.2	711	10.32	83.4	5.6	5.7	48.2	30	1.4	2.3	.2	6	.01	.130	171	<1	.23	148	.041	1	1.01	.034	.62	.6	.03	.7	.4	.92	6
M2 10+00E	16.2	52.0	21.6	1215	.5	28.2	11.0	6156	13.02	44.5	5.8	6.8	19.5	17	5.4	1.5	.3	32	.52	.044	201	1.4	2.22	249	.112	<1	3.93	.008	1.84	.2	.07	1.6	.7	.06	25
M2 10+25E	14.2	113.1	37.7	2941	.5	13.8	20.4	5310	10.21	51.6	7.6	7.1	22.1	13	21.2	1.6	.2	5	.29	.060	396	1.3	1.27	301	.100	<1	3.49	.009	1.06	.2	.06	1.5	.5	.11	12
M2 10+50E	1.1	15.6	41.9	378	.4	1.8	4.4	4685	10.85	32.7	1.3	8.1	15.3	13	1.4	.8	.1	3	.74	.048	72	<1	2.40	261	.212	<1	3.24	.006	1.39	.1	.05	1.1	1.5	.07	18
M2 10+75E	20.7	63.7	408.5	458	1.6	3.1	7.4	1987	16.68	268.6	2.2	19.0	21.9	13	1.3	3.2	.3	3	.03	.061	93	<1	.95	159	.092	<1	1.68	.009	.87	.3	.06	1.7	1.1	1.06	14
M2 11+00E	15.5	72.3	341.1	450	1.7	3.6	6.7	1808	16.60	106.6	1.9	8.5	22.4	7	.9	2.6	.3	2	.06	.061	85	1.1	1.27	106	.092	<1	1.93	.005	.74	.3	.05	1.7	1.2	.71	16
M2 11+25E	13.3	128.0	119.9	557	.7	3.2	3.6	777	19.45	101.6	3.5	9.7	28.4	13	1.6	1.6	.3	5	.06	.069	101	<1	.80	136	.066	<1	1.60	.012	.73	.2	.04	1.2	.7	1.13	10
M2 11+50E	8.6	36.8	69.2	839	.4	5.6	7.9	3829	10.95	73.0	2.3	3.8	11.5	37	2.6	1.0	.2	5	.66	.069	113	2.4	1.29	237	.105	2	2.98	.010	1.24	.1	.08	1.9	.6	.16	17
M2 11+75E	20.0	94.2	910.4	7792	1.0	5.4	7.8	4595	9.20	50.7	2.2	8.5	11.7	24	26.1	1.5	.2	5	.47	.109	176	1.7	.78	393	.051	2	2.02	.011	.51	.2	.08	1.3	.3	.32	11
M2 12+00E	11.0	158.6	1075.8	3816	1.8	8.1	15.5	5888	11.51	70.9	3.4	8.4	20.4	14	25.2	1.8	.5	2	.28	.049	247	<1	1.51	801	.098	<1	2.79	.010	1.00	.2	.11	1.6	.8	.29	14
M3 0+00	11.1	20.3	64.0	271	.1	21.4	7.8	686	5.64	55.6	1.8	2.2	8.4	15	.5	1.2	.4	39	.27	.040	47	26.9	1.22	186	.077	<1	1.87	.010	.14	.3	.02	2.0	.2	.06	12
M3 0+25E	13.8	19.6	82.2	610	.2	17.1	6.3	1014	7.12	55.5	4.0	4.1	25.0	17	.8	1.1	.4	28	.29	.069	177	15.9	1.44	381	.099	1	2.81	.010	.41	.3	.03	2.0	.4	.06	18
M3 0+50E	2.3	19.0	154.1	280	.8	9.9	3.6	950	10.42	196.2	1.1	7.7	14.8	7	.3	2.4	.5	23	.08	.077	43	17.1	.77	117	.045	<1	1.79	.004	.12	.3	.06	1.3	.2	.14	13
M3 0+75E	22.5	21.7	38.8	154	.1	7.1	5.4	1021	7.59	29.8	1.9	2.1	42.6	5	.1	3.7	.3	8	.05	.062	98	4.3	1.71	163	.023	<1	2.44	.004	.20	.3	.01	.8	.3	.06	11
RE M3 0+75E	22.9	21.1	37.2	147	.1	7.2	5.3	989	7.41	29.0	1.8	3.6	41.4	5	.3	3.5	.2	8	.05	.059	97	4.1	1.67	161	.022	<1	2.37	.004	.19	.3	.02	.9	.3	<.05	10
M3 1+00E	10.6	53.7	214.6	580	.9	21.5	8.1	950	7.46	40.4	2.2	3.8	9.7	15	.9	1.5	3.4	35	.11	.068	42	17.4	.86	136	.074	1	2.32	.006	.09	.2	.07	1.3	.2	.10	12
M3 1+25E	6.8	96.1	101.8	482	.1	40.3	10.5	810	7.55	57.0	3.2	7.2	5.5	15	.5	2.3	.5	49	.14	.099	35	18.8	.84	165	.052	1	2.39	.006	.12	.3	.03	1.3	.3	.14	10
M3 1+50E	4.7	35.6	67.4	244	.2	25.8	4.9	528	5.63	35.3	1.7	1.7	2.7	8	.3	1.6	.3	34	.07	.083	23	16.3	.56	105	.053	<1	1.66	.009	.10	.2	.03	.9	.2	.11	9
M3 1+75E	2.9	40.5	49.1	253	.4	33.6	4.4	184	2.10	14.1	1.9	2.0	1.3	8	.5	.4	.2	21	.13	.071	48	8.7	.29	65	.036	<1	2.35	.018	.05	.2	.03	1.0	.1	.09	4
M3 2+00E	3.5	17.3	36.3	303	.6	24.5	6.1	394	5.67	21.0	1.0	1.5	6.9	7	.4	5.3	.3	60	.08	.037	22	27.0	.52	86	.085	<1	1.31	.004	.06	.3	.05	1.8	.1	<.05	7
M3 2+25E	17.1	62.5	74.8	614	.2	60.5	12.9	1811	6.87	43.0	3.7	4.8	12.4	9	1.1	12.1	.3	34	.12	.046	60	17.7	.93	104	.028	<1	2.18	.005	.09	.2	.03	2.0	.2	<.05	8
M3 2+50E	11.9	22.8	39.9	349	.2	10.7	3.3	900	3.85	20.3	3.0	2.3	8.7	7	.5	.9	.2	14	.07	.039	79	6.2	.42	130	.015	<1	1.62	.012	.11	.2	.01	.9	.1	<.05	8
M3 2+75E	3.6	30.8	39.7	169	.1	15.2	7.0	743	5.71	14.6	1.6	1.1	6.0	7	.2	1.1	.3	40	.07	.070	24	13.9	.88	154	.086	<1	2.14	.007	.36	.2	.02	2.0	.2	.06	9
M3 3+00E	5.5	25.7	162.2	394	.1	33.7	6.7	520	5.07	24.6	1.6	3.3	4.1	7	.5	2.5	.4	38	.09	.057	27	20.2	.57	86	.067	<1	1.46	.005	.09	.2	.01	1.3	.2	<.05	7
M3 3+25E	5.5	30.7	114.0	438	.1	30.3	6.4	399	4.93	21.6	1.4	.6	2.8	9	.6	1.4	.3	40	.09	.059	27	23.3	.54	93	.046	<1	1.42	.006	.10	.2	.03	1.3	.2	.08	7
M3 3+50E	3.0	22.6	41.8	172	.1	31.0	4.6	164	2.94	18.1	1.2	2.1	1.1	7	.3	1.1	.4	42	.07	.054	16	19.9	.31	57	.045	<1	1.05	.008	.05	.1	.02	1.0	.2	<.05	6
M3 3+75E	.3	3.8	2.7	8	<.1	.8	1.0	19	.44	.5	.2	<.5	<.1	6	.1	.1	<.1	11	.03	.019	1	1.3	.03	13	.013	<1	.25	.021	.02	<.1	.01	.2	<.1	<.05	2
M3 4+00E	6.0	26.8	35.3	93	.2	15.5	3.4	103	2.76	14.4	1.3	.5	.2	6	.1	1.7	.4	55	.03	.068	20	9.7	.12	76	.009	<1	.75	.007	.05	.1	.01	.4	.2	<.05	5
M3 4+25E	6.0	33.5	22.3	258	.1	33.6	4.8	241	4.17	29.9	1.5	1.5	2.9	5	.3	3.2	.3	96	.03	.041	28	23.9	.69	149	.041	<1	1.44	.003	.19	.2	.01	1.6	.4	<.05	5
M3 4+50E	2.8	17.3	25.0	126	.1	19.5	3.7	151	2.72	14.5	1.0	7.0	1.4	6	.2	1.4	.3	44	.06	.042	17	18.3	.31	55	.035	<1	.93	.007	.05	.2	.02	.9	.1	<.05	5
M3 4+75E	6.5	34.0	40.8	149	.2	22.5	3.7	195	4.46	17.5	1.9	1.9	.6	6	.1	1.8	.6	56	.04	.140	19	17.1	.29	78	.019	1	.80	.004	.07	.1	.02	.5	.2	<.05	5
M3 5+00E	6.2	33.1	38.5	97	.1	11.6	2.3	161	4.41	20.7	1.3	5.0	4.7	5	.1	2.0	.3	38	.03	.068	26	13.7	.22	88	.038	<1	.87	.003	.07	.2	.01	.7	.3	<.05	7
M3 5+25E	4.5	23.8	68.2	138	.1	10.9	3.1	204	3.70	13.3	1.1	2.7	.6	8	.2	1.4	.3	42	.04	.065	24	16.3	.34	115	.016	<1	1.32	.005	.05	.1	.02	.5	.2	<.05	6
STANDARD DS3	9.6	126.7	32.2	159	.4	36.0	12.3	777	3.39	32.4	6.1	19.4	4.2	28	6.1	5.3	5.4	75	.54	.085	19	180.3	.57	145	.084	1	1.75	.030	.16	3.3	.21	3.8	1.1	<.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	1.3	2.5	1.8	43	<.1	3.9	3.8	511	1.68	.6	2.8	<.5	5.1	68	<.1	<.1	.2	36	.52	.092	7	11.8	.50	208	.130	1	.82	.056	.46	2.3	<.01	1.9	.3	<.05	5
M3 5+50E	2.3	13.4	46.1	269	.1	28.5	9.5	705	3.45	18.3	1.3	1.4	3.3	12	.5	.9	.3	46	.29	.053	27	30.5	1.20	236	.053	1	1.99	.010	.06	.2	.03	2.2	.1	<.05	7
M3 5+75E	1.4	18.9	40.3	223	.2	43.1	14.8	880	4.35	17.9	1.1	2.7	8.0	50	.6	.8	.3	57	1.33	.075	32	59.2	2.56	397	.099	2	3.57	.050	.08	.2	.04	5.4	.2	<.05	10
M3 6+00E	1.7	19.5	50.6	232	.1	42.2	14.0	746	4.91	29.5	1.3	1.5	6.3	19	.6	.7	.4	54	.32	.072	42	58.2	1.89	290	.091	1	3.43	.013	.10	.3	.04	3.9	.2	<.05	11
M3 6+25E	1.4	18.6	45.6	294	.1	40.1	16.2	752	4.56	21.7	1.1	2.9	10.9	20	.9	.7	.3	56	.32	.068	44	55.4	2.18	440	.128	2	4.35	.012	.13	.2	.01	5.5	.2	<.05	13
M3 6+50E	2.2	25.0	51.3	209	.1	30.7	16.0	824	4.77	19.0	1.8	1.4	2.5	11	.5	.9	.5	48	.10	.071	36	38.9	1.29	174	.058	1	2.62	.005	.08	.2	.03	2.1	.2	.07	11
M3 6+75E	2.6	11.9	234.7	563	.1	16.6	6.1	1444	5.19	34.5	2.2	1.9	6.9	15	.9	.9	.4	30	.31	.071	94	16.7	1.47	417	.051	1	2.83	.005	.12	.3	.02	1.6	.3	.06	11
M3 7+00E	1.7	13.7	74.6	376	.2	22.0	7.8	978	4.65	39.2	1.6	1.9	16.2	21	1.3	.8	.4	28	1.08	.043	72	20.2	2.41	729	.076	2	2.48	.017	.12	.3	.03	2.6	.4	<.05	10
RE M3 7+00E	1.6	14.3	72.6	366	.2	23.5	7.6	972	4.66	39.3	1.6	.7	16.1	20	1.7	.9	.4	29	.99	.042	74	20.4	2.43	723	.078	1	2.50	.017	.12	.2	.01	2.6	.4	<.05	10
M3 7+25E	1.1	14.6	41.8	273	.1	29.6	11.4	861	3.48	15.4	1.0	1.5	2.8	17	.7	.5	.3	44	.25	.066	29	41.7	1.60	267	.065	1	2.77	.014	.09	.2	.01	2.7	.2	.07	9
M3 7+50E	7.9	46.1	32.2	198	.4	19.0	5.4	327	4.99	35.6	3.1	3.3	.3	20	.6	2.5	.4	59	.05	.272	15	19.9	.25	167	.004	1	.96	.008	.09	.1	.04	.4	.2	.11	4
M3 7+75E	8.2	31.8	18.1	151	.2	25.2	5.8	572	4.02	43.5	1.6	.7	.9	9	.3	1.4	.3	37	.03	.074	29	10.8	.40	77	.011	1	1.03	.009	.05	.1	.05	.4	.1	.08	6
M3 8+00E	4.5	11.7	10.4	61	.1	8.2	2.3	155	1.70	9.2	.9	<.5	.1	5	.2	.6	.2	28	.03	.059	18	6.8	.15	47	.007	<1	.59	.011	.04	<.1	.04	.4	.1	<.05	4
M3 8+25E	2.9	9.4	16.7	73	.2	10.6	3.2	250	2.07	21.9	.7	6.1	.2	5	.4	.6	.2	34	.03	.070	14	23.6	.28	71	.014	1	.85	.008	.06	.1	.05	.4	.1	.07	6
M3 8+50E	5.1	15.2	41.7	271	.1	20.7	5.0	379	3.49	18.1	1.3	1.3	.5	7	.4	1.0	.3	39	.05	.062	22	20.7	.57	94	.020	2	1.33	.005	.06	.1	.03	.6	.2	<.05	7
M3 8+75E	4.2	26.7	18.7	233	.2	41.1	7.2	450	3.01	37.8	2.2	2.7	2.3	15	1.0	1.5	.2	27	.77	.090	31	11.3	.97	390	.019	1	.94	.009	.06	.2	.04	1.2	.1	<.05	3
M3 9+00E	5.2	11.3	15.1	87	.1	12.1	3.1	119	2.17	12.2	.8	1.8	.1	8	.4	.9	.3	52	.08	.057	22	8.1	.07	81	.008	<1	.56	.005	.04	.1	<.01	.2	.1	.07	6
M3 9+25E	8.5	15.2	15.8	121	.1	23.2	4.2	229	3.30	16.9	1.2	1.1	.5	6	.2	1.3	.3	46	.05	.043	27	14.1	.21	115	.013	1	.83	.005	.05	<.1	.02	.4	.1	<.05	6
M3 9+50E	11.3	14.0	16.2	146	.1	15.1	8.1	806	2.42	22.6	1.9	<.5	.1	10	.5	1.0	.4	41	.17	.089	18	10.4	.17	179	.006	<1	.87	.008	.05	.1	.01	.4	.2	.06	5
M3 9+75E	10.2	40.2	43.9	166	.4	44.0	6.5	281	5.81	50.3	3.1	1.7	.6	28	.2	3.2	.4	48	.04	.165	27	16.4	.41	150	.004	1	.88	.003	.10	.1	.02	.4	.2	.11	4
M3 10+00E	3.3	10.9	9.3	54	.1	11.4	3.0	235	1.51	11.9	.6	<.5	.1	4	.2	.7	.2	24	.02	.061	13	6.8	.13	63	.003	<1	.46	.009	.05	.1	.03	.3	.1	<.05	3
T3 L1W 0+00	.9	2.8	55.6	61	.5	1.2	1.1	77	.58	2.0	.3	<.5	.2	8	.3	.1	.1	12	.12	.034	24	2.1	.07	38	.025	1	.37	.023	.02	.1	.03	.4	<.1	<.05	2
T3 L1W 0+10S	130.8	110.7	1597.0	1549	2.5	8.5	1.6	2748	14.45	73.2	7.3	11.2	51.3	9	2.7	7.5	1.4	19	.10	.051	136	5.7	1.03	718	.098	1	2.00	.008	.55	2.2	.22	.9	1.6	.23	16
T3 L1W 0+20S	67.3	15.2	631.9	518	.3	4.2	1.3	644	9.05	16.6	1.5	1.4	13.8	4	.2	7.3	.4	23	.05	.038	47	5.7	.61	280	.116	1	1.49	.004	.20	1.2	.05	.5	1.0	.06	21
T3 L1W 0+30S	6.2	28.7	146.4	442	.4	8.0	5.4	1157	8.16	142.2	.9	.7	7.1	8	.3	5.7	.2	21	.03	.076	25	10.6	.19	286	.033	1	.91	.005	.10	.3	.04	.7	.7	.06	6
T3 L1W 0+40S	10.1	18.0	105.4	149	.4	12.0	3.6	341	4.41	36.4	2.7	.5	7.6	13	.2	1.7	.2	37	.17	.050	141	23.9	.38	347	.047	1	1.37	.005	.07	.2	.05	1.5	.4	<.05	7
T3 L1W 0+50S	10.4	15.1	252.7	484	.4	11.1	3.5	623	4.40	20.0	1.5	.9	7.6	9	.4	1.7	.2	26	.12	.029	84	19.3	.73	422	.056	2	1.86	.005	.10	.4	.04	1.6	.3	<.05	9
T3 L1W 0+60S	61.0	18.2	171.1	65	1.8	2.4	.9	310	12.30	119.0	1.8	3.5	7.5	20	<.1	14.4	1.0	12	.02	.074	14	4.5	1.21	360	.089	3	1.47	.008	.97	.8	.04	1.0	1.2	.76	15
T3 L1W 0+70S	9.0	26.2	110.5	104	.4	5.8	1.7	235	8.34	42.1	1.3	<.5	27.8	6	.1	3.4	.4	25	.01	.119	24	12.5	.15	150	.041	<1	.76	.004	.11	.3	.03	.8	.2	.09	7
T3 L0 0+00	45.8	252.8	3642.2	2748	7.6	4.7	3.0	3155	17.44	30.8	5.7	12.0	92.2	4	10.7	9.9	5.2	13	.05	.035	79	3.8	1.02	137	.085	2	1.71	.011	.96	1.3	.93	.9	2.0	.90	20
T3 L0 0+05S	37.8	559.7	9687.5	8567	20.3	2.0	2.8	2246	25.26	7.1	8.6	28.2	53.1	7	34.3	15.3	20.4	4	.26	.014	91	2.8	1.47	49	.090	1	2.11	.017	1.62	2.4	3.20	.6	2.0	1.85	34
T3 L0 0+10S	50.4	78.2	632.2	812	1.5	9.8	4.7	5793	13.71	26.6	3.9	7.8	46.3	7	1.3	10.2	.6	23	.06	.042	73	11.5	.58	461	.095	1	1.44	.006	.48	1.3	.14	1.4	1.9	.35	16
T3 L0 0+15S	38.3	172.1	17124.2	4704	24.7	2.1	.7	1765	18.69	284.0	2.8	18.4	26.1	22	18.8	102.2	.8	5	.25	.018	71	1.6	.74	74	.056	1	.92	.015	.56	2.2	2.57	.7	3.6	1.31	20
T3 L0 0+20S	10.1	64.6	5521.8	123	23.2	.3	.2	27	3.81	157.1	.2	25.9	.9	50	.1	79.8	.1	5	<.01	.012	8	<1	.03	69	.011	<1	.09	.013	.38	.2	.76	.2	14.0	.92	2
T3 L0 0+25S	20.4	23.4	1508.8	249	3.9	4.5	2.0	359	6.15	68.0	.5	6.7	5.0	15	.4	17.8	.2	18	.05	.060	19	7.5	.14	424	.034	2	.54	.010	.20	.4	.23	.6	1.4	.29	5
STANDARD DS3	8.8	122.0	34.2	156	.3	36.0	11.8	780	3.26	32.5	6.3	20.2	4.3	27	6.0	5.2	5.6	73	.50	.083	18	172.9	.54	139	.082	1	1.64	.028	.14	3.7	.24	3.7	1.1	<.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
G-1	1.1	2.4	4.6	44	<.1	3.7	4.1	514	1.74	1.1	2.5	<.5	4.9	69	<.1	<.1	.2	36
T3 L1E 0+00	25.1	60.2	838.9	983	1.7	7.8	2.0	2120	11.16	21.8	3.9	8.0	36.5	5	1.0	3.6	1.3	33
T3 L1E 0+10S	14.6	108.3	935.7	1485	.9	11.6	4.5	1401	8.75	58.2	3.6	5.7	28.7	7	1.8	5.0	.5	23
T3 L1E 0+20S	8.0	34.2	1151.8	1006	5.4	10.4	3.3	2541	8.50	34.9	1.3	7.9	7.0	16	1.3	20.9	.6	15
T3 L1E 0+30S	14.0	13.0	210.1	90	.2	7.8	5.9	1356	6.66	17.0	.6	2.6	2.1	4	.2	1.5	.6	15
T3 L1E 0+40S	6.1	24.0	47.3	226	.2	6.4	12.9	3250	6.22	413.4	1.9	1.4	6.4	5	.2	1.9	.4	10
JMD01	22.6	34.2	103.0	568	1.1	14.3	6.6	2448	16.59	64.1	2.9	11.4	49.8	17	1.3	1.1	3.2	16
JMD02	22.1	23.1	57.2	1164	1.4	7.3	3.4	5510	18.76	30.9	7.2	9.8	108.4	12	2.8	.6	.7	8
STANDARD DS3	8.6	119.3	32.1	163	.3	34.5	12.0	777	3.30	31.8	5.9	19.6	3.9	28	5.9	5.0	5.3	77

SAMPLE#	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	.50	.082	8	11.2	.50	209	.121	1	.84	.066	.44	2.1	<.01	2.1	.3	<.05	4
T3 L1E 0+00	.05	.051	102	9.9	.80	318	.079	1	1.81	.005	.34	.7	.09	.7	.8	.09	17
T3 L1E 0+10S	.07	.036	96	12.2	.52	417	.064	1	1.27	.008	.21	.8	.14	1.8	.9	.08	11
T3 L1E 0+20S	.06	.055	47	4.1	.42	1655	.052	<1	1.25	.008	.24	.2	.26	.7	3.8	.09	7
T3 L1E 0+30S	.03	.063	24	6.1	.07	102	.020	<1	.51	.003	.05	.2	.02	.4	.3	<.05	4
T3 L1E 0+40S	.05	.055	53	6.6	.42	138	.022	1	1.24	.005	.17	.2	.01	.9	.4	<.05	5
JMD01	.94	.040	177	12.0	2.03	755	.085	<1	1.98	.010	.61	.3	.06	1.7	1.8	.10	17
JMD02	.50	.072	739	5.5	1.62	575	.058	<1	2.53	.007	.56	.3	.08	1.3	1.9	.10	9
STANDARD DS3	.53	.083	19	175.8	.57	141	.088	1	1.76	.029	.16	3.7	.21	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C.

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	2.4	3.5	43	<.1	3.5	3.3	494	1.59	.8	2.2	<.5	4.5	61	<.1	<.1	.2	33	.45	.086	7	11.6	.47	212	.109	1	.78	.052	.42	2.2	<.01	2.1	.3	<.05	4
M2 1+75E	34.0	65.0	600.2	420	2.4	1.7	.6	664	19.86	167.9	1.6	14.7	62.4	7	.3	4.4	.8	17	.02	.107	26	2.6	.47	222	.043	<1	1.10	.007	.48	.3	.07	1.7	.6	.84	13
M2 2+00E	27.7	100.7	621.5	3556	2.1	19.0	9.1	7986	13.60	141.0	8.8	19.4	42.7	8	22.9	5.3	.8	13	.16	.059	365	3.3	.76	398	.037	<1	3.49	.005	.33	.5	.11	1.6	.8	.46	7
M2 2+25E	23.8	83.3	212.3	1413	2.0	12.8	9.2	8028	15.99	173.9	7.5	16.4	49.4	8	11.1	6.0	.8	10	.07	.061	122	1.9	.61	393	.027	1	2.81	.004	.31	.5	.10	1.7	1.2	.43	14
M2 2+50E	15.6	50.0	1205.2	390	2.3	1.4	2.0	1172	11.46	107.0	1.5	11.1	34.4	19	.4	5.8	.9	11	.04	.084	75	1.9	.70	257	.088	<1	1.35	.009	.79	.5	.17	1.0	.9	.93	13
M2 2+75E	24.6	47.7	234.1	1278	1.8	14.5	6.6	6617	14.64	909.3	4.3	21.2	46.6	15	5.0	8.2	.7	19	.13	.111	278	3.5	.59	481	.052	1	2.95	.007	.38	.5	.07	2.0	.7	.43	12
M2 3+00E	22.7	57.0	352.8	1610	1.8	14.8	6.3	6605	14.65	572.8	4.5	21.5	40.2	13	9.1	7.4	1.0	31	.09	.139	218	4.7	.81	497	.061	<1	2.72	.006	.46	.5	.05	1.6	1.0	.44	13
M2 3+25E	3.3	33.2	257.2	2955	.7	29.7	17.2	2460	3.95	113.5	4.0	2.6	14.8	63	13.1	2.2	.3	13	9.58	.046	179	7.0	6.44	661	.020	1	1.47	.004	.10	.1	.04	2.1	.3	.19	3
M2 3+50E	1.6	16.1	78.6	515	.3	25.4	13.9	705	2.42	17.9	.9	.8	3.8	72	2.4	1.1	.2	11	12.12	.035	24	6.9	7.55	652	.017	<1	.74	.004	.08	.1	.04	1.4	.1	.07	2
M2 3+75E	17.8	41.0	398.1	1356	.8	5.3	1.9	2961	9.68	99.4	4.9	14.2	29.6	18	1.7	2.5	.4	19	.26	.097	139	3.9	1.04	268	.113	<1	2.71	.009	.51	.7	.05	1.3	1.9	.21	19
M2 4+00E	25.2	12.6	158.6	499	1.8	2.2	1.5	3800	10.68	206.8	2.8	16.0	32.5	8	.5	2.2	.6	15	.08	.056	114	2.5	1.34	521	.142	1	2.42	.008	.94	.5	.06	1.3	3.3	.32	26
M2 4+25E	17.5	14.2	113.0	865	1.1	4.5	2.4	7700	10.37	212.9	4.2	10.4	22.8	14	2.2	3.0	.4	6	.40	.047	234	2.2	1.27	330	.123	1	2.60	.008	.52	.6	.06	1.8	1.3	.07	24
M2 4+50E	26.0	18.4	99.2	714	1.4	4.2	2.0	5769	12.93	386.0	5.9	18.5	44.6	17	1.8	2.8	.4	6	.21	.058	200	2.5	.97	393	.129	1	2.50	.008	.58	.5	.11	2.0	1.9	.23	26
M2 4+75E	21.1	16.6	96.7	640	1.2	3.4	2.2	7222	11.16	100.9	4.8	11.4	24.4	21	2.0	3.4	.6	6	.36	.048	176	2.1	1.10	414	.127	2	2.52	.010	.61	.5	.12	2.2	1.5	.14	25
M2 5+00E	18.6	23.4	148.6	767	2.6	6.1	1.4	4098	11.77	68.7	5.8	14.3	47.9	25	1.3	6.1	.3	19	.40	.097	124	4.2	1.12	828	.158	1	2.56	.009	.81	.5	.17	1.9	1.9	.24	26
M2 5+25E	25.7	97.9	481.4	1044	1.1	12.2	5.4	3696	10.97	119.9	4.7	12.1	32.3	22	6.5	3.8	1.5	23	.11	.084	100	3.1	.86	544	.092	1	2.33	.015	.85	.5	.04	1.3	1.4	.46	16
M2 5+50E	23.0	67.8	403.9	462	1.5	7.1	2.4	1811	12.28	107.4	2.1	6.4	34.3	19	1.6	4.6	1.2	21	.07	.077	73	2.6	.84	363	.113	1	1.80	.009	.99	.5	.06	1.0	1.7	.61	16
M2 5+75E	6.8	64.8	420.4	4245	2.6	26.4	8.1	2222	5.09	117.3	3.8	9.5	15.1	31	18.6	4.4	.7	20	4.82	.079	137	9.1	4.16	437	.048	1	2.01	.007	.31	.5	.21	2.1	.9	.20	7
RE M2 5+75E	6.7	65.0	423.3	4139	2.5	26.5	8.1	2204	4.92	115.5	3.7	9.4	15.0	31	18.0	4.6	.7	19	4.63	.075	137	8.8	4.04	442	.047	1	2.00	.007	.30	.4	.22	2.1	.9	.19	7
M2 6+00E	12.1	2332.5	7996.9	33761	18.1	10.8	7.6	2459	11.99	137.8	6.7	26.0	29.5	23	92.7	19.4	24.1	22	2.37	.075	279	7.8	2.22	476	.047	1	2.27	.013	.38	1.8	.51	1.1	2.2	.49	14
M2 6+25E	2.2	108.9	841.4	2772	1.1	5.1	3.0	748	2.70	23.3	1.3	2.3	5.4	57	15.2	2.2	.6	9	13.13	.032	31	8.8	8.33	437	.017	1	.73	.005	.09	.3	.07	1.3	.2	.11	3
M2 6+50E	9.0	68.0	406.5	1618	1.4	37.0	9.7	1439	6.30	152.5	5.3	11.9	20.8	32	6.5	4.1	.7	31	3.96	.068	69	9.5	3.25	971	.036	1	1.37	.008	.28	.6	.10	1.6	.3	.15	8
M2 6+75E	28.2	42.9	1011.5	350	2.8	3.2	1.2	870	13.49	202.3	2.1	15.0	41.0	14	.3	6.9	.7	16	.02	.092	51	2.4	.39	266	.065	1	.86	.012	.50	.8	.14	.9	1.1	.71	11
M2 7+00E	53.7	56.3	907.6	643	2.9	1.7	.5	584	18.17	212.8	2.2	10.1	52.2	10	.2	8.2	1.1	26	.02	.108	45	3.0	.21	178	.064	1	.67	.005	.29	1.2	.20	.6	.4	.53	14
M2 7+25E	37.5	50.6	1047.1	495	4.0	2.0	1.6	1362	16.69	147.2	3.5	9.5	75.6	9	.6	8.7	.6	18	.02	.109	65	2.2	.27	215	.058	1	.76	.005	.29	1.0	.24	1.0	.5	.45	13
M2 7+50E	32.8	40.9	901.8	678	2.2	3.3	2.2	3261	12.32	162.3	4.1	4.7	41.9	15	2.6	5.8	.6	18	.03	.102	93	1.9	.43	318	.067	<1	1.13	.007	.39	.6	.09	1.0	.8	.37	13
M2 7+75E	15.7	96.5	410.6	729	.7	.8	2.6	2008	11.20	167.0	7.3	8.8	59.2	4	.5	3.1	1.5	6	.02	.064	188	1.0	.72	216	.052	1	1.65	.004	.38	.6	.06	.7	.7	.24	16
M2 8+00E	46.5	67.4	782.4	408	3.4	1.8	5.5	2030	15.85	91.5	6.1	23.5	91.1	9	.5	7.0	.7	8	.02	.152	74	1.8	.18	211	.026	1	.64	.007	.55	.8	.10	1.9	.7	1.01	10
M2 8+25E	32.9	93.8	1088.6	695	5.8	7.3	4.7	2720	10.02	77.4	26.9	12.8	23.7	11	.9	7.6	.9	14	.11	.160	316	5.8	.39	345	.023	3	1.85	.009	.23	.4	.15	3.1	.6	.25	6
M2 8+50E	18.7	84.4	303.1	578	1.7	31.1	13.0	4986	10.71	140.2	7.8	10.6	19.5	12	1.9	2.6	.4	16	.26	.108	423	4.3	.68	452	.063	4	3.33	.007	.47	.4	.10	1.5	.6	.15	7
M2 8+75E	30.6	111.9	484.7	1158	1.9	3.2	7.0	4397	14.52	112.0	9.4	18.2	41.5	8	4.4	8.7	1.0	6	.04	.134	156	2.3	.38	405	.026	6	1.94	.006	.21	.7	.11	1.5	.8	.15	12
M2 9+00E	15.9	94.0	1284.3	264	4.9	.3	.3	221	10.05	169.3	1.7	16.2	45.1	12	.2	15.0	.7	6	.01	.072	63	<1	.20	153	.048	10	.60	.019	.53	1.7	.39	.5	1.9	.80	11
M2 9+25E	17.3	102.2	1055.0	242	4.7	.4	.5	304	11.49	169.6	1.3	20.0	39.4	11	.3	13.4	1.0	8	.01	.069	41	<1	.35	154	.060	4	.74	.019	.62	1.6	.27	.4	2.0	.80	12
M2 9+50E	25.5	184.7	538.3	366	3.4	2.4	2.4	459	11.08	219.0	3.1	17.5	44.2	19	.4	9.3	2.1	17	.01	.107	79	2.0	.41	267	.066	2	1.04	.016	.62	1.5	.15	.9	1.6	.72	10
STANDARD DS3	9.0	122.2	32.5	160	.3	33.3	11.0	761	3.18	31.7	5.9	19.5	3.8	26	5.8	5.1	5.4	71	.50	.085	17	176.0	.53	139	.080	2	1.64	.026	.14	3.6	.23	3.8	1.2	<.05	5

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	2.2	2.6	41	<.1	3.4	3.5	495	1.66	.9	2.6	<.5	5.2	66	<.1	<.1	.2	37	.53	.085	8	11.4	.49	202	.119	<1	.82	.054	.45	2.0	.01	2.0	.3	<.05	4
M2 9+75E	23.2	104.7	114.5	496	.5	3.5	8.2	711	10.32	83.4	5.6	5.7	48.2	30	1.4	2.3	.2	6	.01	.130	171	<1	.23	148	.041	1	1.01	.034	.62	.6	.03	.7	.4	.92	6
M2 10+00E	16.2	52.0	21.6	1215	.5	28.2	11.0	6156	13.02	44.5	5.8	6.8	19.5	17	5.4	1.5	.3	32	.52	.044	201	1.4	2.22	249	.112	<1	3.93	.008	1.84	.2	.07	1.6	.7	.06	25
M2 10+25E	14.2	113.1	37.7	2941	.5	13.8	20.4	5310	10.21	51.6	7.6	7.1	22.1	13	21.2	1.6	.2	5	.29	.060	396	1.3	1.27	301	.100	<1	3.49	.009	1.06	.2	.06	1.5	.5	.11	12
M2 10+50E	1.1	15.6	41.9	378	.4	1.8	4.4	4685	10.85	32.7	1.3	8.1	15.3	13	1.4	.8	.1	3	.74	.048	72	<1	2.40	261	.212	<1	3.24	.006	1.39	.1	.05	1.1	1.5	.07	18
M2 10+75E	20.7	63.7	408.5	458	1.6	3.1	7.4	1987	16.68	268.6	2.2	19.0	21.9	13	1.3	3.2	.3	3	.03	.061	93	<1	.95	159	.092	<1	1.68	.009	.87	.3	.06	1.7	1.1	1.06	14
M2 11+00E	15.5	72.3	341.1	450	1.7	3.6	6.7	1808	16.60	106.6	1.9	8.5	22.4	7	.9	2.6	.3	2	.06	.061	85	1.1	1.27	106	.092	<1	1.93	.005	.74	.3	.05	1.7	1.2	.71	16
M2 11+25E	13.3	128.0	119.9	557	.7	3.2	3.6	777	19.45	101.6	3.5	9.7	28.4	13	1.6	1.6	.3	5	.06	.069	101	<1	.80	136	.066	<1	1.60	.012	.73	.2	.04	1.2	.7	1.13	10
M2 11+50E	8.6	36.8	69.2	839	.4	5.6	7.9	3829	10.95	73.0	2.3	3.8	11.5	37	2.6	1.0	.2	5	.66	.069	113	2.4	1.29	237	.105	2	2.98	.010	1.24	.1	.08	1.9	.6	.16	17
M2 11+75E	20.0	94.2	910.4	7792	1.0	5.4	7.8	4595	9.20	50.7	2.2	8.5	11.7	24	26.1	1.5	.2	5	.47	.109	176	1.7	.78	393	.051	2	2.02	.011	.51	.2	.08	1.3	.3	.32	11
M2 12+00E	11.0	158.6	1075.8	3816	1.8	8.1	15.5	5888	11.51	70.9	3.4	8.4	20.4	14	25.2	1.8	.5	2	.28	.049	247	<1	1.51	801	.098	<1	2.79	.010	1.00	.2	.11	1.6	.8	.29	14
M3 0+00	11.1	20.3	64.0	271	.1	21.4	7.8	686	5.64	55.6	1.8	2.2	8.4	15	.5	1.2	.4	39	.27	.040	47	26.9	1.22	186	.077	<1	1.87	.010	.14	.3	.02	2.0	.2	.06	12
M3 0+25E	13.8	19.6	82.2	610	.2	17.1	6.3	1014	7.12	55.5	4.0	4.1	25.0	17	.8	1.1	.4	28	.29	.069	177	15.9	1.44	381	.099	1	2.81	.010	.41	.3	.03	2.0	.4	.06	18
M3 0+50E	2.3	19.0	154.1	280	.8	9.9	3.6	950	10.42	196.2	1.1	7.7	14.8	7	.3	2.4	.5	23	.08	.077	43	17.1	.77	117	.045	<1	1.79	.004	.12	.3	.06	1.3	.2	.14	13
M3 0+75E	22.5	21.7	38.8	154	.1	7.1	5.4	1021	7.59	29.8	1.9	2.1	42.6	5	.1	3.7	.3	8	.05	.062	98	4.3	1.71	163	.023	<1	2.44	.004	.20	.3	.01	.8	.3	.06	11
RE M3 0+75E	22.9	21.1	37.2	147	.1	7.2	5.3	989	7.41	29.0	1.8	3.6	41.4	5	.3	3.5	.2	8	.05	.059	97	4.1	1.67	161	.022	<1	2.37	.004	.19	.3	.02	.9	.3	<.05	10
M3 1+00E	10.6	53.7	214.6	580	.9	21.5	8.1	950	7.46	40.4	2.2	3.8	9.7	15	.9	1.5	3.4	35	.11	.068	42	17.4	.86	136	.074	1	2.32	.006	.09	.2	.07	1.3	.2	.10	12
M3 1+25E	6.8	96.1	101.8	482	.1	40.3	10.5	810	7.55	57.0	3.2	7.2	5.5	15	.5	2.3	.5	49	.14	.099	35	18.8	.84	165	.052	1	2.39	.006	.12	.3	.03	1.3	.3	.14	10
M3 1+50E	4.7	35.6	67.4	244	.2	25.8	4.9	528	5.63	35.3	1.7	1.7	2.7	8	.3	1.6	.3	34	.07	.083	23	16.3	.56	105	.053	<1	1.66	.009	.10	.2	.03	.9	.2	.11	9
M3 1+75E	2.9	40.5	49.1	253	.4	33.6	4.4	184	2.10	14.1	1.9	2.0	1.3	8	.5	.4	.2	21	.13	.071	48	8.7	.29	65	.036	<1	2.35	.018	.05	.2	.03	1.0	.1	.09	4
M3 2+00E	3.5	17.3	36.3	303	.6	24.5	6.1	394	5.67	21.0	1.0	1.5	6.9	7	.4	5.3	.3	60	.08	.037	22	27.0	.52	86	.085	<1	1.31	.004	.06	.3	.05	1.8	.1	<.05	7
M3 2+25E	17.1	62.5	74.8	614	.2	60.5	12.9	1811	6.87	43.0	3.7	4.8	12.4	9	1.1	12.1	.3	34	.12	.046	60	17.7	.93	104	.028	<1	2.18	.005	.09	.2	.03	2.0	.2	<.05	8
M3 2+50E	11.9	22.8	39.9	349	.2	10.7	3.3	900	3.85	20.3	3.0	2.3	8.7	7	.5	.9	.2	14	.07	.039	79	6.2	.42	130	.015	<1	1.62	.012	.11	.2	.01	.9	.1	<.05	8
M3 2+75E	3.6	30.8	39.7	169	.1	15.2	7.0	743	5.71	14.6	1.6	1.1	6.0	7	.2	1.1	.3	40	.07	.070	24	13.9	.88	154	.086	<1	2.14	.007	.36	.2	.02	2.0	.2	.06	9
M3 3+00E	5.5	25.7	162.2	394	.1	33.7	6.7	520	5.07	24.6	1.6	3.3	4.1	7	.5	2.5	.4	38	.09	.057	27	20.2	.57	86	.067	<1	1.46	.005	.09	.2	.01	1.3	.2	<.05	7
M3 3+25E	5.5	30.7	114.0	438	.1	30.3	6.4	399	4.93	21.6	1.4	.6	2.8	9	.6	1.4	.3	40	.09	.059	27	23.3	.54	93	.046	<1	1.42	.006	.10	.2	.03	1.3	.2	.08	7
M3 3+50E	3.0	22.6	41.8	172	.1	31.0	4.6	164	2.94	18.1	1.2	2.1	1.1	7	.3	1.1	.4	42	.07	.054	16	19.9	.31	57	.045	<1	1.05	.008	.05	.1	.02	1.0	.2	<.05	6
M3 3+75E	.3	3.8	2.7	8	<.1	.8	1.0	19	.44	.5	.2	<.5	<.1	6	.1	.1	<.1	11	.03	.019	1	1.3	.03	13	.013	<1	.25	.021	.02	<.1	.01	.2	<.1	<.05	2
M3 4+00E	6.0	26.8	35.3	93	.2	15.5	3.4	103	2.76	14.4	1.3	.5	.2	6	.1	1.7	.4	55	.03	.068	20	9.7	.12	76	.009	<1	.75	.007	.05	.1	.01	.4	.2	<.05	5
M3 4+25E	6.0	33.5	22.3	258	.1	33.6	4.8	241	4.17	29.9	1.5	1.5	2.9	5	.3	3.2	.3	96	.03	.041	28	23.9	.69	149	.041	<1	1.44	.003	.19	.2	.01	1.6	.4	<.05	5
M3 4+50E	2.8	17.3	25.0	126	.1	19.5	3.7	151	2.72	14.5	1.0	7.0	1.4	6	.2	1.4	.3	44	.06	.042	17	18.3	.31	55	.035	<1	.93	.007	.05	.2	.02	.9	.1	<.05	5
M3 4+75E	6.5	34.0	40.8	149	.2	22.5	3.7	195	4.46	17.5	1.9	1.9	.6	6	.1	1.8	.6	56	.04	.140	19	17.1	.29	78	.019	1	.80	.004	.07	.1	.02	.5	.2	<.05	5
M3 5+00E	6.2	33.1	38.5	97	.1	11.6	2.3	161	4.41	20.7	1.3	5.0	4.7	5	.1	2.0	.3	38	.03	.068	26	13.7	.22	88	.038	<1	.87	.003	.07	.2	.01	.7	.3	<.05	7
M3 5+25E	4.5	23.8	68.2	138	.1	10.9	3.1	204	3.70	13.3	1.1	2.7	.6	8	.2	1.4	.3	42	.04	.065	24	16.3	.34	115	.016	<1	1.32	.005	.05	.1	.02	.5	.2	<.05	6
STANDARD DS3	9.6	126.7	32.2	159	.4	36.0	12.3	777	3.39	32.4	6.1	19.4	4.2	28	6.1	5.3	5.4	75	.54	.085	19	180.3	.57	145	.084	1	1.75	.030	.16	3.3	.21	3.8	1.1	<.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	1.3	2.5	1.8	43	<.1	3.9	3.8	511	1.68	.6	2.8	<.5	5.1	68	<.1	<.1	.2	36	.52	.092	7	11.8	.50	208	.130	1	.82	.056	.46	2.3	<.01	1.9	.3	<.05	5
M3 5+50E	2.3	13.4	46.1	269	.1	28.5	9.5	705	3.45	18.3	1.3	1.4	3.3	12	.5	.9	.3	46	.29	.053	27	30.5	1.20	236	.053	1	1.99	.010	.06	.2	.03	2.2	.1	<.05	7
M3 5+75E	1.4	18.9	40.3	223	.2	43.1	14.8	880	4.35	17.9	1.1	2.7	8.0	50	.6	.8	.3	57	1.33	.075	32	59.2	2.56	397	.099	2	3.57	.050	.08	.2	.04	5.4	.2	<.05	10
M3 6+00E	1.7	19.5	50.6	232	.1	42.2	14.0	746	4.91	29.5	1.3	1.5	6.3	19	.6	.7	.4	54	.32	.072	42	58.2	1.89	290	.091	1	3.43	.013	.10	.3	.04	3.9	.2	<.05	11
M3 6+25E	1.4	18.6	45.6	294	.1	40.1	16.2	752	4.56	21.7	1.1	2.9	10.9	20	.9	.7	.3	56	.32	.068	44	55.4	2.18	440	.128	2	4.35	.012	.13	.2	.01	5.5	.2	<.05	13
M3 6+50E	2.2	25.0	51.3	209	.1	30.7	16.0	824	4.77	19.0	1.8	1.4	2.5	11	.5	.9	.5	48	.10	.071	36	38.9	1.29	174	.058	1	2.62	.005	.08	.2	.03	2.1	.2	.07	11
M3 6+75E	2.6	11.9	234.7	563	.1	16.6	6.1	1444	5.19	34.5	2.2	1.9	6.5	15	.9	.9	.4	30	.31	.071	94	16.7	1.47	417	.051	1	2.83	.005	.12	.3	.02	1.6	.3	.06	11
M3 7+00E	1.7	13.7	74.6	376	.2	22.0	7.8	978	4.65	39.2	1.6	1.9	16.2	21	1.3	.8	.4	28	1.08	.043	72	20.2	2.41	729	.076	2	2.48	.017	.12	.3	.03	2.6	.4	<.05	10
RE M3 7+00E	1.6	14.3	72.6	366	.2	23.5	7.6	972	4.66	39.3	1.6	.7	16.1	20	1.7	.9	.4	29	.99	.042	74	20.4	2.43	723	.078	1	2.50	.017	.12	.2	.01	2.6	.4	<.05	10
M3 7+25E	1.1	14.6	41.8	273	.1	29.6	11.4	861	3.48	15.4	1.0	1.5	2.8	17	.7	.5	.3	44	.25	.066	29	41.7	1.60	267	.065	1	2.77	.014	.09	.2	.01	2.7	.2	.07	9
M3 7+50E	7.9	46.1	32.2	198	.4	19.0	5.4	327	4.99	35.6	3.1	3.3	.3	20	.6	2.5	.4	59	.05	.272	15	19.9	.25	167	.004	1	.96	.008	.09	.1	.04	.4	.2	.11	4
M3 7+75E	8.2	31.8	18.1	151	.2	25.2	5.8	572	4.02	43.5	1.6	.7	.9	9	.3	1.4	.3	37	.03	.074	29	10.8	.40	77	.011	1	1.03	.009	.05	.1	.05	.4	.1	.08	6
M3 8+00E	4.5	11.7	10.4	61	.1	8.2	2.3	155	1.70	9.2	.9	<.5	.1	5	.2	.6	.2	28	.03	.059	18	6.8	.15	47	.007	<1	.59	.011	.04	<.1	.04	.4	.1	<.05	4
M3 8+25E	2.9	9.4	16.7	73	.2	10.6	3.2	250	2.07	21.9	.7	6.1	.2	5	.4	.6	.2	34	.03	.070	14	23.6	.28	71	.014	1	.85	.008	.06	.1	.05	.4	.1	.07	6
M3 8+50E	5.1	15.2	41.7	271	.1	20.7	5.0	379	3.49	18.1	1.3	1.3	.5	7	.4	1.0	.3	39	.05	.062	22	20.7	.57	94	.020	2	1.33	.005	.06	.1	.03	.6	.2	<.05	7
M3 8+75E	4.2	26.7	18.7	233	.2	41.1	7.2	450	3.01	37.8	2.2	2.7	2.3	15	1.0	1.5	.2	27	.77	.090	31	11.3	.97	390	.019	1	.94	.009	.06	.2	.04	1.2	.1	<.05	3
M3 9+00E	5.2	11.3	15.1	87	.1	12.1	3.1	119	2.17	12.2	.8	1.8	.1	8	.4	.9	.3	52	.08	.057	22	8.1	.07	81	.008	<1	.56	.005	.04	.1	<.01	.2	.1	.07	6
M3 9+25E	8.5	15.2	15.8	121	.1	23.2	4.2	229	3.30	16.9	1.2	1.1	.5	6	.2	1.3	.3	46	.05	.043	27	14.1	.21	115	.013	1	.83	.005	.05	<.1	.02	.4	.1	<.05	6
M3 9+50E	11.3	14.0	16.2	146	.1	15.1	8.1	806	2.42	22.6	1.9	<.5	.1	10	.5	1.0	.4	41	.17	.089	18	10.4	.17	179	.006	<1	.87	.008	.05	.1	.01	.4	.2	.06	5
M3 9+75E	10.2	40.2	43.9	166	.4	44.0	6.5	281	5.81	50.3	3.1	1.7	.6	28	.2	3.2	.4	48	.04	.165	27	16.4	.41	150	.004	1	.88	.003	.10	.1	.02	.4	.2	.11	4
M3 10+00E	3.3	10.9	9.3	54	.1	11.4	3.0	235	1.51	11.9	.6	<.5	.1	4	.2	.7	.2	24	.02	.061	13	6.8	.13	63	.003	<1	.46	.009	.05	.1	.03	.3	.1	<.05	3
T3 L1W 0+00	.9	2.8	55.6	61	.5	1.2	1.1	77	.58	2.0	.3	<.5	.2	8	.3	.1	.1	12	.12	.034	24	2.1	.07	38	.025	1	.37	.023	.02	.1	.03	.4	<.1	<.05	2
T3 L1W 0+10S	130.8	110.7	1597.0	1549	2.5	8.5	1.6	2748	14.45	73.2	7.3	11.2	51.3	9	2.7	7.5	1.4	19	.10	.051	136	5.7	1.03	718	.098	1	2.00	.008	.55	2.2	.22	.9	1.6	.23	16
T3 L1W 0+20S	67.3	15.2	631.9	518	.3	4.2	1.3	644	9.05	16.6	1.5	1.4	13.8	4	.2	7.3	.4	23	.05	.038	47	5.7	.61	280	.116	1	1.49	.004	.20	1.2	.05	.5	1.0	.06	21
T3 L1W 0+30S	6.2	28.7	146.4	442	.4	8.0	5.4	1157	8.16	142.2	.9	.7	7.1	8	.3	5.7	.2	21	.03	.076	25	10.6	.19	286	.033	1	.91	.005	.10	.3	.04	.7	.7	.06	6
T3 L1W 0+40S	10.1	18.0	105.4	149	.4	12.0	3.6	341	4.41	36.4	2.7	.5	7.6	13	.2	1.7	.2	37	.17	.050	141	23.9	.38	347	.047	1	1.37	.005	.07	.2	.05	1.5	.4	<.05	7
T3 L1W 0+50S	10.4	15.1	252.7	484	.4	11.1	3.5	623	4.40	20.0	1.5	.9	7.6	9	.4	1.7	.2	26	.12	.029	84	19.3	.73	422	.056	2	1.86	.005	.10	.4	.04	1.6	.3	<.05	9
T3 L1W 0+60S	61.0	18.2	171.1	65	1.8	2.4	.9	310	12.30	119.0	1.8	3.5	7.5	20	<.1	14.4	1.0	12	.02	.074	14	4.5	1.21	360	.089	3	1.47	.008	.97	.8	.04	1.0	1.2	.76	15
T3 L1W 0+70S	9.0	26.2	110.5	104	.4	5.8	1.7	235	8.34	42.1	1.3	<.5	27.8	6	.1	3.4	.4	25	.01	.119	24	12.5	.15	150	.041	<1	.76	.004	.11	.3	.03	.8	.2	.09	7
T3 L0 0+00	45.8	252.8	3642.2	2748	7.6	4.7	3.0	3155	17.44	30.8	5.7	12.0	92.2	4	10.7	9.9	5.2	13	.05	.035	79	3.8	1.02	137	.085	2	1.71	.011	.96	1.3	.93	.9	2.0	.90	20
T3 L0 0+05S	37.8	559.7	9687.5	8567	20.3	2.0	2.8	2246	25.26	7.1	8.6	28.2	53.1	7	34.3	15.3	20.4	4	.26	.014	91	2.8	1.47	49	.090	1	2.11	.017	1.62	2.4	3.20	.6	2.0	1.85	34
T3 L0 0+10S	50.4	78.2	632.2	812	1.5	9.8	4.7	5793	13.71	26.6	3.9	7.8	46.3	7	1.3	10.2	.6	23	.06	.042	73	11.5	.58	461	.095	1	1.44	.006	.48	1.3	.14	1.4	1.9	.35	16
T3 L0 0+15S	38.3	172.1	17124.2	4704	24.7	2.1	.7	1765	18.69	284.0	2.8	18.4	26.1	22	18.8	102.2	.8	5	.25	.018	71	1.6	.74	74	.056	1	.92	.015	.56	2.2	2.57	.7	3.6	1.31	20
T3 L0 0+20S	10.1	64.6	5521.8	123	23.2	.3	.2	27	3.81	157.1	.2	25.9	.9	50	.1	79.8	.1	5	<.01	.012	8	<1	.03	69	.011	<1	.09	.013	.38	.2	.76	.2	14.0	.92	2
T3 L0 0+25S	20.4	23.4	1508.8	249	3.9	4.5	2.0	359	6.15	68.0	.5	6.7	5.0	15	.4	17.8	.2	18	.05	.060	19	7.5	.14	424	.034	2	.54	.010	.20	.4	.23	.6	1.4	.29	5
STANDARD DS3	8.8	122.0	34.2	156	.3	36.0	11.8	780	3.26	32.5	6.3	20.2	4.3	27	6.0	5.2	5.6	73	.50	.083	18	172.9	.54	139	.082	1	1.64	.028	.14	3.7	.24	3.7	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. PROJECT MM FILE # A202809

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	1.1	2.4	4.6	44	<.1	3.7	4.1	514	1.74	1.1	2.5	<.5	4.9	69	<.1	<.1	.2	36	.50	.082	8	11.2	.50	209	.121	1	.84	.066	.44	2.1	<.01	2.1	.3	<.05	4
T3 L1E 0+00	25.1	60.2	838.9	983	1.7	7.8	2.0	2120	11.16	21.8	3.9	8.0	36.5	5	1.0	3.6	1.3	33	.05	.051	102	9.9	.80	318	.079	1	1.81	.005	.34	.7	.09	.7	.8	.09	17
T3 L1E 0+10S	14.6	108.3	935.7	1485	.9	11.6	4.5	1401	8.75	58.2	3.6	5.7	28.7	7	1.8	5.0	.5	23	.07	.036	96	12.2	.52	417	.064	1	1.27	.008	.21	.8	.14	1.8	.9	.08	11
T3 L1E 0+20S	8.0	34.2	1151.8	1006	5.4	10.4	3.3	2541	8.50	34.9	1.3	7.9	7.0	16	1.3	20.9	.6	15	.06	.055	47	4.1	.42	1655	.052	<1	1.25	.008	.24	.2	.26	.7	3.8	.09	7
T3 L1E 0+30S	14.0	13.0	210.1	90	.2	7.8	5.9	1356	6.66	17.0	.6	2.6	2.1	4	.2	1.5	.6	15	.03	.063	24	6.1	.07	102	.020	<1	.51	.003	.05	.2	.02	.4	.3	<.05	4
T3 L1E 0+40S	6.1	24.0	47.3	226	.2	6.4	12.9	3250	6.22	413.4	1.9	1.4	6.4	5	.2	1.9	.4	10	.05	.055	53	6.6	.42	138	.022	1	1.24	.005	.17	.2	.01	.9	.4	<.05	5
JMD01	22.6	34.2	103.0	568	1.1	14.3	6.6	2448	16.59	64.1	2.9	11.4	49.8	17	1.3	1.1	3.2	16	.94	.040	177	12.0	2.03	755	.085	<1	1.98	.010	.61	.3	.06	1.7	1.8	.10	17
JMD02	22.1	23.1	57.2	1164	1.4	7.3	3.4	5510	18.76	30.9	7.2	9.8	108.4	12	2.8	.6	.7	8	.50	.072	739	5.5	1.62	575	.058	<1	2.53	.007	.56	.3	.08	1.3	1.9	.10	9
STANDARD DS3	8.6	119.3	32.1	163	.3	34.5	12.0	777	3.30	31.8	5.9	19.6	3.9	28	5.9	5.0	5.3	77	.53	.083	19	175.8	.57	141	.088	1	1.76	.029	.16	3.7	.21	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C.

Data FA

ACME ANALYTICAL

Toklat Resources Inc. PROJECT MM FILE # A202809

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	1.1	2.4	4.6	44	<.1	3.7	4.1	514	1.74	1.1	2.5	<.5	4.9	69	<.1	<.1	.2	36	.50	.082	8	11.2	.50	209	.121	1	.84	.066	.44	2.1	<.01	2.1	.3	<.05	4
T3 L1E 0+00	25.1	60.2	838.9	983	1.7	7.8	2.0	2120	11.16	21.8	3.9	8.0	36.5	5	1.0	3.6	1.3	33	.05	.051	102	9.9	.80	318	.079	1	1.81	.005	.34	.7	.09	.7	.8	.09	17
T3 L1E 0+10S	14.6	108.3	935.7	1485	.9	11.6	4.5	1401	8.75	58.2	3.6	5.7	28.7	7	1.8	5.0	.5	23	.07	.036	96	12.2	.52	417	.064	1	1.27	.008	.21	.8	.14	1.8	.9	.08	11
T3 L1E 0+20S	8.0	34.2	1151.8	1006	5.4	10.4	3.3	2541	8.50	34.9	1.3	7.9	7.0	16	1.3	20.9	.6	15	.06	.055	47	4.1	.42	1655	.052	<1	1.25	.008	.24	.2	.26	.7	3.8	.09	7
T3 L1E 0+30S	14.0	13.0	210.1	90	.2	7.8	5.9	1356	6.66	17.0	.6	2.6	2.1	4	.2	1.5	.6	15	.03	.063	24	6.1	.07	102	.020	<1	.51	.003	.05	.2	.02	.4	.3	<.05	4
T3 L1E 0+40S	6.1	24.0	47.3	226	.2	6.4	12.9	3250	6.22	413.4	1.9	1.4	6.4	5	.2	1.9	.4	10	.05	.055	53	6.6	.42	138	.022	1	1.24	.005	.17	.2	.01	.9	.4	<.05	5
JMD01	22.6	34.2	103.0	568	1.1	14.3	6.6	2448	16.59	64.1	2.9	11.4	49.8	17	1.3	1.1	3.2	16	.94	.040	177	12.0	2.03	755	.085	<1	1.98	.010	.61	.3	.06	1.7	1.8	.10	17
JMD02	22.1	23.1	57.2	1164	1.4	7.3	3.4	5510	18.76	30.9	7.2	9.8	108.4	12	2.8	.6	.7	8	.50	.072	739	5.5	1.62	575	.058	<1	2.53	.007	.56	.3	.08	1.3	1.9	.10	9
STANDARD DS3	8.6	119.3	32.1	163	.3	34.5	12.0	777	3.30	31.8	5.9	19.6	3.9	28	5.9	5.0	5.3	77	.53	.083	19	175.8	.57	141	.088	1	1.76	.029	.16	3.7	.21	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C.

Data FA

Toklat Resources Inc. PROJECT MM FILE # A202809

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	2.5	1.8	43	<.1	3.9	3.8	511	1.68	.6	2.8	<.5	5.1	68	<.1	<.1	.2	36	.52	.092	7	11.8	.50	208	.130	1	.82	.056	.46	2.3	<.01	1.9	.3	<.05	5
M3 5+50E	2.3	13.4	46.1	269	.1	28.5	9.5	705	3.45	18.3	1.3	1.4	3.3	12	.5	.9	.3	46	.29	.053	27	30.5	1.20	236	.053	1	1.99	.010	.06	.2	.03	2.2	.1	<.05	7
M3 5+75E	1.4	18.9	40.3	223	.2	43.1	14.8	880	4.35	17.9	1.1	2.7	8.0	50	.6	.8	.3	57	1.33	.075	32	59.2	2.56	397	.099	2	3.57	.050	.08	.2	.04	5.4	.2	<.05	10
M3 6+00E	1.7	19.5	50.6	232	.1	42.2	14.0	746	4.91	29.5	1.3	1.5	6.3	19	.6	.7	.4	54	.32	.072	42	58.2	1.89	290	.091	1	3.43	.013	.10	.3	.04	3.9	.2	<.05	11
M3 6+25E	1.4	18.6	45.6	294	.1	40.1	16.2	752	4.56	21.7	1.1	2.9	10.9	20	.9	.7	.3	56	.32	.068	44	55.4	2.18	440	.128	2	4.35	.012	.13	.2	.01	5.5	.2	<.05	13
M3 6+50E	2.2	25.0	51.3	209	.1	30.7	16.0	824	4.77	19.0	1.8	1.4	2.5	11	.5	.9	.5	48	.10	.071	36	38.9	1.29	174	.058	1	2.62	.005	.08	.2	.03	2.1	.2	.07	11
M3 6+75E	2.6	11.9	234.7	563	.1	16.6	6.1	1444	5.19	34.5	2.2	1.9	6.9	15	.9	.9	.4	30	.31	.071	94	16.7	1.47	417	.051	1	2.83	.005	.12	.3	.02	1.6	.3	.06	11
M3 7+00E	1.7	13.7	74.6	376	.2	22.0	7.8	978	4.65	39.2	1.6	1.9	16.2	21	1.3	.8	.4	28	1.08	.043	72	20.2	2.41	729	.076	2	2.48	.017	.12	.3	.03	2.6	.4	<.05	10
RE M3 7+00E	1.6	14.3	72.6	366	.2	23.5	7.6	972	4.66	39.3	1.6	.7	16.1	20	1.7	.9	.4	29	.99	.042	74	20.4	2.43	723	.078	1	2.50	.017	.12	.2	.01	2.6	.4	<.05	10
M3 7+25E	1.1	14.6	41.8	273	.1	29.6	11.4	861	3.48	15.4	1.0	1.5	2.8	17	.7	.5	.3	44	.25	.066	29	41.7	1.60	267	.065	1	2.77	.014	.09	.2	.01	2.7	.2	.07	9
M3 7+50E	7.9	46.1	32.2	198	.4	19.0	5.4	327	4.99	35.6	3.1	3.3	.3	20	.6	2.5	.4	59	.05	.272	15	19.9	.25	167	.004	1	.96	.008	.09	.1	.04	.4	.2	.11	4
M3 7+75E	8.2	31.8	18.1	151	.2	25.2	5.8	572	4.02	43.5	1.6	.7	.9	9	.3	1.4	.3	37	.03	.074	29	10.8	.40	77	.011	1	1.03	.009	.05	.1	.05	.4	.1	.08	6
M3 8+00E	4.5	11.7	10.4	61	.1	8.2	2.3	155	1.70	9.2	.9	<.5	.1	5	.2	.6	.2	28	.03	.059	18	6.8	.15	47	.007	<1	.59	.011	.04	<.1	.04	.4	.1	<.05	4
M3 8+25E	2.9	9.4	16.7	73	.2	10.6	3.2	250	2.07	21.9	.7	6.1	.2	5	.4	.6	.2	34	.03	.070	14	23.6	.28	71	.014	1	.85	.008	.06	.1	.05	.4	.1	.07	6
M3 8+50E	5.1	15.2	41.7	271	.1	20.7	5.0	379	3.49	18.1	1.3	1.3	.5	7	.4	1.0	.3	39	.05	.062	22	20.7	.57	94	.020	2	1.33	.005	.06	.1	.03	.6	.2	<.05	7
M3 8+75E	4.2	26.7	18.7	233	.2	41.1	7.2	450	3.01	37.8	2.2	2.7	2.3	15	1.0	1.5	.2	27	.77	.090	31	11.3	.97	390	.019	1	.94	.009	.06	.2	.04	1.2	.1	<.05	3
M3 9+00E	5.2	11.3	15.1	87	.1	12.1	3.1	119	2.17	12.2	.8	1.8	.1	8	.4	.9	.3	52	.08	.057	22	8.1	.07	81	.008	<1	.56	.005	.04	.1	<.01	.2	.1	.07	6
M3 9+25E	8.5	15.2	15.8	121	.1	23.2	4.2	229	3.30	16.9	1.2	1.1	.5	6	.2	1.3	.3	46	.05	.043	27	14.1	.21	115	.013	1	.83	.005	.05	<.1	.02	.4	.1	<.05	6
M3 9+50E	11.3	14.0	16.2	146	.1	15.1	8.1	806	2.42	22.6	1.9	<.5	.1	10	.5	1.0	.4	41	.17	.089	18	10.4	.17	179	.006	<1	.87	.008	.05	.1	.01	.4	.2	.06	5
M3 9+75E	10.2	40.2	43.9	166	.4	44.0	6.5	281	5.81	50.3	3.1	1.7	.6	28	.2	3.2	.4	48	.04	.165	27	16.4	.41	150	.004	1	.88	.003	.10	.1	.02	.4	.2	.11	4
M3 10+00E	3.3	10.9	9.3	54	.1	11.4	3.0	235	1.51	11.9	.6	<.5	.1	4	.2	.7	.2	24	.02	.061	13	6.8	.13	63	.003	<1	.46	.009	.05	.1	.03	.3	.1	<.05	3
T3 L1W 0+00	.9	2.8	55.6	61	.5	1.2	1.1	77	.58	2.0	.3	<.5	.2	8	.3	.1	.1	12	.12	.034	24	2.1	.07	38	.025	1	.37	.023	.02	.1	.03	.4	<.1	<.05	2
T3 L1W 0+10S	130.8	110.7	1597.0	1549	2.5	8.5	1.6	2748	14.45	73.2	7.3	11.2	51.3	9	2.7	7.5	1.4	19	.10	.051	136	5.7	1.03	718	.098	1	2.00	.008	.55	2.2	.22	.9	1.6	.23	16
T3 L1W 0+20S	67.3	15.2	631.9	518	.3	4.2	1.3	644	9.05	16.6	1.5	1.4	13.8	4	.2	7.3	.4	23	.05	.038	47	5.7	.61	280	.116	1	1.49	.004	.20	1.2	.05	.5	1.0	.06	21
T3 L1W 0+30S	6.2	28.7	146.4	442	.4	8.0	5.4	1157	8.16	142.2	.9	.7	7.1	8	.3	5.7	.2	21	.03	.076	25	10.6	.19	286	.033	1	.91	.005	.10	.3	.04	.7	.7	.06	6
T3 L1W 0+40S	10.1	18.0	105.4	149	.4	12.0	3.6	341	4.41	36.4	2.7	.5	7.6	13	.2	1.7	.2	37	.17	.050	141	23.9	.38	347	.047	1	1.37	.005	.07	.2	.05	1.5	.4	<.05	7
T3 L1W 0+50S	10.4	15.1	252.7	484	.4	11.1	3.5	623	4.40	20.0	1.5	.9	7.6	9	.4	1.7	.2	26	.12	.029	84	19.3	.73	422	.056	2	1.86	.005	.10	.4	.04	1.6	.3	<.05	9
T3 L1W 0+60S	61.0	18.2	171.1	65	1.8	2.4	.9	310	12.30	119.0	1.8	3.5	7.5	20	<.1	14.4	1.0	12	.02	.074	14	4.5	1.21	360	.089	3	1.47	.008	.97	.8	.04	1.0	1.2	.76	15
T3 L1W 0+70S	9.0	26.2	110.5	104	.4	5.8	1.7	235	8.34	42.1	1.3	<.5	27.8	6	.1	3.4	.4	25	.01	.119	24	12.5	.15	150	.041	<1	.76	.004	.11	.3	.03	.8	.2	.09	7
T3 L0 0+00	45.8	252.8	3642.2	2748	7.6	4.7	3.0	3155	17.44	30.8	5.7	12.0	92.2	4	10.7	9.9	5.2	13	.05	.035	79	3.8	1.02	137	.085	2	1.71	.011	.96	1.3	.93	.9	2.0	.90	20
T3 L0 0+05S	37.8	559.7	9687.5	8567	20.3	2.0	2.8	2246	25.26	7.1	8.6	28.2	53.1	7	34.3	15.3	20.4	4	.26	.014	91	2.8	1.47	49	.090	1	2.11	.017	1.62	2.4	3.20	.6	2.0	1.85	34
T3 L0 0+10S	50.4	78.2	632.2	812	1.5	9.8	4.7	5793	13.71	26.6	3.9	7.8	46.3	7	1.3	10.2	.6	23	.06	.042	73	11.5	.58	461	.095	1	1.44	.006	.48	1.3	.14	1.4	1.9	.35	16
T3 L0 0+15S	38.3	172.1	17124.2	4704	24.7	2.1	.7	1765	18.69	284.0	2.8	18.4	26.1	22	18.8	102.2	.8	5	.25	.018	71	1.6	.74	74	.056	1	.92	.015	.56	2.2	2.57	.7	3.6	1.31	20
T3 L0 0+20S	10.1	64.6	5521.8	123	23.2	.3	.2	27	3.81	157.1	.2	25.9	.9	50	.1	79.8	.1	5	<.01	.012	8	<1	.03	69	.011	<1	.09	.013	.38	.2	.76	.2	14.0	.92	2
T3 L0 0+25S	20.4	23.4	1508.8	249	3.9	4.5	2.0	359	6.15	68.0	.5	6.7	5.0	15	.4	17.8	.2	18	.05	.060	19	7.5	.14	424	.034	2	.54	.010	.20	.4	.23	.6	1.4	.29	5
STANDARD DS3	8.8	122.0	34.2	156	.3	36.0	11.8	780	3.26	32.5	6.3	20.2	4.3	27	6.0	5.2	5.6	73	.50	.083	18	172.9	.54	139	.082	1	1.64	.028	.14	3.7	.24	3.7	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. PROJECT MM FILE # A202809

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	1.1	2.4	4.6	44	<.1	3.7	4.1	514	1.74	1.1	2.5	<.5	4.9	69	<.1	<.1	.2	36	.50	.082	8	11.2	.50	209	.121	1	.84	.066	.44	2.1	<.01	2.1	.3	<.05	4
T3 L1E 0+00	25.1	60.2	838.9	983	1.7	7.8	2.0	2120	11.16	21.8	3.9	8.0	36.5	5	1.0	3.6	1.3	33	.05	.051	102	9.9	.80	318	.079	1	1.81	.005	.34	.7	.09	.7	.8	.09	17
T3 L1E 0+10S	14.6	108.3	935.7	1485	.9	11.6	4.5	1401	8.75	58.2	3.6	5.7	28.7	7	1.8	5.0	.5	23	.07	.036	96	12.2	.52	417	.064	1	1.27	.008	.21	.8	.14	1.8	.9	.08	11
T3 L1E 0+20S	8.0	34.2	1151.8	1006	5.4	10.4	3.3	2541	8.50	34.9	1.3	7.9	7.0	16	1.3	20.9	.6	15	.06	.055	47	4.1	.42	1655	.052	<1	1.25	.008	.24	.2	.26	.7	3.8	.09	7
T3 L1E 0+30S	14.0	13.0	210.1	90	.2	7.8	5.9	1356	6.66	17.0	.6	2.6	2.1	4	.2	1.5	.6	15	.03	.063	24	6.1	.07	102	.020	<1	.51	.003	.05	.2	.02	.4	.3	<.05	4
T3 L1E 0+40S	6.1	24.0	47.3	226	.2	6.4	12.9	3250	6.22	413.4	1.9	1.4	6.4	5	.2	1.9	.4	10	.05	.055	53	6.6	.42	138	.022	1	1.24	.005	.17	.2	.01	.9	.4	<.05	5
JMD01	22.6	34.2	103.0	568	1.1	14.3	6.6	2448	16.59	64.1	2.9	11.4	49.8	17	1.3	1.1	3.2	16	.94	.040	177	12.0	2.03	755	.085	<1	1.98	.010	.61	.3	.06	1.7	1.8	.10	17
JMD02	22.1	23.1	57.2	1164	1.4	7.3	3.4	5510	18.76	30.9	7.2	9.8	108.4	12	2.8	.6	.7	8	.50	.072	739	5.5	1.62	575	.058	<1	2.53	.007	.56	.3	.08	1.3	1.9	.10	9
STANDARD DS3	8.6	119.3	32.1	163	.3	34.5	12.0	777	3.30	31.8	5.9	19.6	3.9	28	5.9	5.0	5.3	77	.53	.083	19	175.8	.57	141	.088	1	1.76	.029	.16	3.7	.21	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C.

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	1.1	2.4	4.6	44	<.1	3.7	4.1	514	1.74	1.1	2.5	<.5	4.9	69	<.1	<.1	.2	36	.50	.082	8	11.2	.50	209	.121	1	.84	.066	.44	2.1	<.01	2.1	.3	<.05	4
T3 L1E 0+00	25.1	60.2	838.9	983	1.7	7.8	2.0	2120	11.16	21.8	3.9	8.0	36.5	5	1.0	3.6	1.3	33	.05	.051	102	9.9	.80	318	.079	1	1.81	.005	.34	.7	.09	.7	.8	.09	17
T3 L1E 0+10S	14.6	108.3	935.7	1485	.9	11.6	4.5	1401	8.75	58.2	3.6	5.7	28.7	7	1.8	5.0	.5	23	.07	.036	96	12.2	.52	417	.064	1	1.27	.008	.21	.8	.14	1.8	.9	.08	11
T3 L1E 0+20S	8.0	34.2	1151.8	1006	5.4	10.4	3.3	2541	8.50	34.9	1.3	7.9	7.0	16	1.3	20.9	.6	15	.06	.055	47	4.1	.42	1655	.052	<1	1.25	.008	.24	.2	.26	.7	3.8	.09	7
T3 L1E 0+30S	14.0	13.0	210.1	90	.2	7.8	5.9	1356	6.66	17.0	.6	2.6	2.1	4	.2	1.5	.6	15	.03	.063	24	6.1	.07	102	.020	<1	.51	.003	.05	.2	.02	.4	.3	<.05	4
T3 L1E 0+40S	6.1	24.0	47.3	226	.2	6.4	12.9	3250	6.22	413.4	1.9	1.4	6.4	5	.2	1.9	.4	10	.05	.055	53	6.6	.42	138	.022	1	1.24	.005	.17	.2	.01	.9	.4	<.05	5
JMD01	22.6	34.2	103.0	568	1.1	14.3	6.6	2448	16.59	64.1	2.9	11.4	49.8	17	1.3	1.1	3.2	16	.94	.040	177	12.0	2.03	755	.085	<1	1.98	.010	.61	.3	.06	1.7	1.8	.10	17
JMD02	22.1	23.1	57.2	1164	1.4	7.3	3.4	5510	18.76	30.9	7.2	9.8	108.4	12	2.8	.6	.7	8	.50	.072	739	5.5	1.62	575	.058	<1	2.53	.007	.56	.3	.08	1.3	1.9	.10	9
STANDARD DS3	8.6	119.3	32.1	163	.3	34.5	12.0	777	3.30	31.8	5.9	19.6	3.9	28	5.9	5.0	5.3	77	.53	.083	19	175.8	.57	141	.088	1	1.76	.029	.16	3.7	.21	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C.

Data FA

Appendix IV

Rock Sample Descriptions

Appendix III : Rock Sample Descriptions for the MM Claims

Sample Number	UTM NAD83 Easting	UTM NAD83 Northing	Altitude (m)	Sample Date and Time	Sample Setting	Description
GMM06A	6815825.91	624887.00	1660	18-JUL-02 15:50	Rock / In Situ	Highly silicified, fine-grained, pyritic metatuff; Mineralization occurs as mm-scale concordant lenses or blebs
GMM06B	6815825.91	624887.00	1660	18-JUL-02 15:50	Rock / In Situ	Possible concordant barrite layer (10 cm thick) with associated (?) 5 - 15 cm thick massive pyrite
GMM06C	6815825.91	624887.00	1660	18-JUL-02 15:50	Rock / In Situ	Massive pyrite lenses (2 - 5 cm thick) in mineralized layer of light yellow, recessive altered fine metatuff
GMM07A	6815798.47	624851.07	1712	18-JUL-02 17:08	Rock / In Situ	Light green, massive, fine-grained, phenocrystic meta-andesite; taken from contact with altered felsic volcanics
GMM07B	6815798.47	624851.07	1712	18-JUL-02 17:08	Rock / In Situ	Light-grey silliceous altered lapilli tuff with mm-sclae concordant pyrite horizons (10% of rock)
GMM12A	6815754.82	624948.17	1757	19-JUL-02 11:44	Rock / In Situ	Silver to rusty red qtz-sericite-muscovite +/- biotite schist; disseminated pyrite reaches a max of 3%; trace of Pyrrhotite
GMM15	6815707.50	624835.08	????	19-JUL-02 ??:??	Rock / In Situ	Fine-grained, dark black, qtz-muscovite-biotite schist +/- garnet porphyroblasts
GMM16	6815720.72	624792.81	1833	19-JUL-02 14:08	Rock / In Situ	Dark black, medium-grained, qtz-biotite-garnet schist; 3% disseminated pyrite
GMM25A	6815577.87	625079.29	1851	19-JUL-02 17:33	Rock / In Situ	Dark black, medium-grained, qtz-biotite schist with fine-grained disseminated Pyrrhotite (2%)
GMM30A	6816508.06	625772.71	????	19-JUL-02 ??:??	Rock / In Situ	Massive pyrite lense (pyrrhotite, pyrite and galena) in qtz-chlrite-biotite schist taken from Trench 87TR-3
GMM30B	6816508.06	625772.71	????	19-JUL-02 ??:??	Rock / In Situ	~2 m massive sucrosic pyritiferous (10%) barrite horizon hosted in quartzite taken from Trench 87TR-3
GMM32A	6815837.45	624799.27	1722	20-JUL-02 11:42	Rock / In Situ	Massive pyrite-galena +/- chalcopyrite concordant lens (25 cm thickness) taken from apple-green qtz-sericite-muscovite-pyrite altered schist
GMM32B	6815837.45	624799.27	1722	20-JUL-02 11:42	Rock / In Situ	Semi-massive pyrite lens (10 cm in thickness) taken from same horizon as GMM32A
GMM32C	6815837.45	624799.27	1722	20-JUL-02 11:42	Rock / In Situ	Massive pyrite-chalcopyrite-galena +/- sphalerite sampled from 40 cm thick lens hosted in qtz-sericite-muscovite schist (altered felsic volcanics)
GMM34A	6815898.20	624778.53	1698	20-JUL-02 13:53	Rock / In Situ	Qtz-sericite-biotite-chlorite schist with disseminated mm-scale chalco(?)pyrite
GMM35A	6815910.90	624789.52	1681	20-JUL-02 14:41	Rock / In Situ	Laminated sucrosic barrite with minor (2%) disseminated mm-scale euhedral pyrite grains - sampled from 2 m thick horizon hosted in altered felsic volcanics
GMM36	6815959.71	624753.04	1666	20-JUL-02 15:49	Rock / In Situ	Dark-green, massive aphanicitc meta-andesite - no plag phenocrysts
GMM53	6816275.13	623976.14	1704	21-JUL-02 12:26	Rock / In Situ	Highly sheared sepentinite; well developed, cm-scale slickenlines
GMM59	6816513.47	624105.30	1806	21-JUL-02 15:10	Rock / In Situ	Medium-grained, medium-grey calcsilicates; medium-grained, disseminated pyrite is present (1%)

Sample Number	UTM NAD83 Easting	Northing	Altitude (m)	Sample Date and Time	Sample Setting	Description
GMM63	6816498.95	624268.62	1744	21-JUL-02 16:55	Rock / In Situ	White - light-yellow altered qtz-sericite-muscovite-pyrite schist (disseminated pyrite ~1%)
GMM66	6816379.74	624284.21	1690	21-JUL-02 18:12	Rock / In Situ	Light to dark grey, finely laminated qtz-biotite-pyrite schist - pyrite occurs as 2-3% interstitial
GMM73	6815774.07	625280.42	1752	22-JUL-02 13:50	Rock / In Situ	Reddish / yellow weathering qtz-muscovite-pyrite shcist - pyrite occurs as 1-2% disseminated mm-scale subhedral grains
GMM81	6815984.44	625242.26	1580	22-JUL-02 16:41	Rock / In Situ	dark-black, carbonaceous, silicified, medium-grained lapilli tuff - no mineralization present
GMM82	6815992.49	625280.02	1556	22-JUL-02 17:05	Rock / In Situ	Dark-black, aphanicitic metavolcanic with mm-scale palg grains visible on weathered surface
GMM89	6815775	624829	????	23-JUL-02 ??:??	Rock / In Situ	Rusty-red, vfg, qtz-sericite-muscovite-biotite schist; mineralization occurs as pyrite stringers and trace disseminated pyrite
GMM92	6815801.57	624721.91	1790	23-JUL-02 12:54	Rock / In Situ	Light-yellow, recessive, pyritiferous qtz-sericite-muscovite schsit
GMM93	6815838.90	624703.58	1781	23-JUL-02 13:17	Rock / In Situ	Massive pyrite-sphalerite-galena +/- chalcopyrite sampled from 20 cm thick lens present in highly altered qtz-sericite-muscovite schist
GMM94A	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Light-yellow, recessive, pyritiferous qtz-sericite-muscovite schsit
GMM94B	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A
GMM94C	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A - sampled 3 m along strike
GMM98	6816083.40	624593.97	1726	23-JUL-02 15:42	Rock / In Situ	Creamy-white to yellow altered flesic tuffs with very minor pyrite (sub-mm and disseminated)
GMM99	6816067.22	624552.26	1714	23-JUL-02 16:12	Rock / In Situ	Light-yellow, recessive, pyritiferous qtz-sericite-muscovite schsit

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GMM94C	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A - sampled 3 m along strike
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GMM94B	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A
GMM94C	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A - sampled 3 m along strike
GMM98	6816083.40	624593.97	1726	23-JUL-02 15:42	Rock / In Situ	Creamy-white to yellow altered flesic tuffs with very minor pyrite (sub-mm and disseminated)
GMM99	6816067.22	624552.26	1714	23-JUL-02 16:12	Rock / In Situ	Light-yellow, recessive, pyritiferous qtz-sericite-muscovite schsit

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GMM81	6815984.44	625242.26	1580	22-JUL-02 16:41	Rock / In Situ	dark-black, carbonaceous, silicified, medium-grained lapilli tuff - no mineralization present
GMM82	6815992.49	625280.02	1556	22-JUL-02 17:05	Rock / In Situ	Dark-black, aphanicitic metavolcanic with mm-scale palg grains visible on weathered surface
GMM89	6815775	624829	????	23-JUL-02 ??:??	Rock / In Situ	Rusty-red, vfg, qtz-sericite-muscovite-biotite schist; mineralization occurs as pyrite stringers and trace disseminated pyrite
GMM92	6815801.57	624721.91	1790	23-JUL-02 12:54	Rock / In Situ	Light-yellow, recessive, pyritiferous qtz-sericite-muscovite schsit
GMM93	6815838.90	624703.58	1781	23-JUL-02 13:17	Rock / In Situ	Massive pyrite-sphalerite-galena +/- chalcopyrite sampled from 20 cm thick lens present in highly altered qtz-sericite-muscovite schist
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GMM94B	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A
GMM94C	6815875.57	624676.37	1780	23-JUL-02 13:49	Rock / In Situ	Massive pyrite-galena-chalchopyrite-qtz lens taken from 50 cm lens hosted in rock identical to that of sample GMM94A - sampled 3 m along strike
GMM98	6816083.40	624593.97	1726	23-JUL-02 15:42	Rock / In Situ	Creamy-white to yellow altered flesic tuffs with very minor pyrite (sub-mm and disseminated)
GMM99	6816067.22	624552.26	1714	23-JUL-02 16:12	Rock / In Situ	Light-yellow, recessive, pyritiferous qtz-sericite-muscovite schsit

Appendix X: Rock Sample Descriptions for the MM Claims

Sample Number	UTM NAD83 Easting	UTM NAD83 Northing	Altitude (m)	Sample Date and Time	Sample Setting	Description
GMM06A	6815825.91	624887.00	1660	18-JUL-02 15:50	Rock / In Situ	Highly silicified, fine-grained, pyritic metatuff; Mineralization occurs as mm-scale concordant lenses or blebs
GMM06B	6815825.91	624887.00	1660	18-JUL-02 15:50	Rock / In Situ	Possible concordant barrite layer (10 cm thick) with associated (?) 5 - 15 cm thick massive pyrite
GMM06C	6815825.91	624887.00	1660	18-JUL-02 15:50	Rock / In Situ	Massive pyrite lenses (2 - 5 cm thick) in mineralized layer of light yellow, recessive altered fine metatuff
GMM07A	6815798.47	624851.07	1712	18-JUL-02 17:08	Rock / In Situ	Light green, massive, fine-grained, phenocrystic meta-andesite; taken from contact with altered felsic volcanics
GMM07B	6815798.47	624851.07	1712	18-JUL-02 17:08	Rock / In Situ	Light-grey silliceous altered lapilli tuff with mm-sclae concordant pyrite horizons (10% of rock)
GMM12A	6815754.82	624948.17	1757	19-JUL-02 11:44	Rock / In Situ	Silver to rusty red qtz-sericite-muscovite +/- biotite schist; disseminated pyrite reaches a max of 3%; trace of Pyrrhotite
GMM15	6815707.50	624835.08	????	19-JUL-02 ??:??	Rock / In Situ	Fine-grained, dark black, qtz-muscovite-biotite schist +/- garnet porphyroblasts
GMM16	6815720.72	624792.81	1833	19-JUL-02 14:08	Rock / In Situ	Dark black, medium-grained, qtz-biotite-garnet schist; 3% disseminated pyrite
GMM25A	6815577.87	625079.29	1851	19-JUL-02 17:33	Rock / In Situ	Dark black, medium-grained, qtz-biotite schist with fine-grained disseminated Pyrrhotite (2%)
GMM30A	6816508.06	625772.71	????	19-JUL-02 ??:??	Rock / In Situ	Massive pyrite lense (pyrrhotite, pyrite and galena) in qtz-chlrite-biotite schist taken from Trench 87TR-3
GMM30B	6816508.06	625772.71	????	19-JUL-02 ??:??	Rock / In Situ	~2 m massive sucrosic pyritiferous (10%) barrite horizon hosted in quartzite taken from Trench 87TR-3
GMM32A	6815837.45	624799.27	1722	20-JUL-02 11:42	Rock / In Situ	Massive pyrite-galena +/- chalcopyrite concordant lens (25 cm thickness) taken from apple-green qtz-sericite-muscovite-pyrite altered schist
GMM32B	6815837.45	624799.27	1722	20-JUL-02 11:42	Rock / In Situ	Semi-massive pyrite lens (10 cm in thickness) taken from same horizon as GMM32A
GMM32C	6815837.45	624799.27	1722	20-JUL-02 11:42	Rock / In Situ	Massive pyrite-chalcopyrite-galena +/- sphalerite sampled from 40 cm thick lens hosted in qtz-sericite-muscovite schist (altered felsic volcanics)
GMM34A	6815898.20	624778.53	1698	20-JUL-02 13:53	Rock / In Situ	Qtz-sericite-biotite-chlorite schist with disseminated mm-scale chalco(?)pyrite
GMM35A	6815910.90	624789.52	1681	20-JUL-02 14:41	Rock / In Situ	Laminated sucrosic barrite with minor (2%) disseminated mm-scale euhedral pyrite grains - sampled from 2 m thick horizon hosted in altered felsic volcanics
GMM36	6815959.71	624753.04	1666	20-JUL-02 15:49	Rock / In Situ	Dark-green, massive aphanicitc meta-andesite - no plag phenocrysts
GMM53	6816275.13	623976.14	1704	21-JUL-02 12:26	Rock / In Situ	Highly sheared sepentinite; well developed, cm-scale slickenlines
GMM59	6816513.47	624105.30	1806	21-JUL-02 15:10	Rock / In Situ	Medium-grained, medium-grey calcsilicates; medium-grained, disseminated pyrite is present (1%)