ASSESSMENT REPORT

ON A PROGRAM OF

GEOLOGICAL MAPPING, GEOCHEMICAL SOIL AND ROCK SAMPLING

ON THE

MONTANA CLAIM

FOURTH OF JULY CREEK AREA,

GREENWOOD MINING DIVISION, BRITISH COLUMBIA

49° 26' North latitude
118° 53' 30'' West longitude
N.T.S. 82E/07

OWNER: Mike Muzylowski
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DATE: March 5, 2002

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SUMMARY AND CONCLUSIONS

The Montana Claim is a 20 unit 4 - post claim, staked in 2000 over an area of historic workings, and several former (now cancelled) Crown Granted Mineral Claims along Fourth of July and Canyon Creeks. The geology of the property consists mainly of Carboniferous or older Anarchist Group greenstones, meta-andesites and some sediments. These are intruded by granodiorites and feldspar porphyry dykes. The BCDM MINFILE lists mineralized showings of copper, silver and gold on these former Crown Grant sites, including the old Fourth of July Crown Grant. Sampling by previous claim holders, from an adit here in 1996 yielded results up to 27.74g/t Au and 160.7g/t Ag over 15cm.

In 2001 exploration work consisting of geological mapping, control grid emplacement and soil and rock sampling was carried out over the northwestern portion of the claim. A total of 5.175 lkm of east-west control grid lines was emplaced, marked with flagging tape. A total of 196 soil samples were taken at 25m intervals along the grid. The collection of 12 rock chip samples and geological mapping were also carried out within the gridded area. An initial batch of 76 soil samples and the 12 rock samples were analyzed using gold analysis and 28 element ICP at Cominco Exploration Laboratory in Vancouver. The balance of the soil samples (120 samples) was analyzed using 28 element ICP only.

Soil samples detected elevated values of Arsenic (± Zinc) within the eastern section of the survey area. Several elevated copper values were also detected within this area. Zinc mineralization is widespread within the survey area. The Arsenic and Zinc anomaly is open to the north, south and east.

In light of the previous work and the results of this work program, the Montana Property seem to have a good potential for hosting disseminated (epithermal) mineralization. In order to follow up on the results of the current program additional soil sampling should be carried out to follow the soil anomaly out. Geological mapping and sampling should also be carried out in this area.

INTRODUCTION

The exploration work described herein was carried out by an exploration crew from Madman Mining Co. Ltd. on behalf of the claim owners between June 9th and June 14th, 2001. The work consisted of Control Grid emplacement, Soil and Rock sampling as well as geological mapping. The grid comprised an 800m long north/south base line and 11-east/west cross-lines, varying in length from 250m to 550m and having a line separation varying between 50m and 100m apart, for a total of 5.175-line km. A total of 196 soil samples and 12 rock samples were collected and analysed. Geological mapping was carried out within the grid area.

CLAIM INFORMATION AND PROPERTY OWNERSHIP

The Montana Claim, located in the Greenwood Mining Division is a 20 unit 4-post mineral claim, staked on July 3rd, 2000 by Mr. Gerrard Gallissant (Figure 2) for Mike Muzylowski. Through a Bill of Sale, a 100% interest in the title was subsequently formerly transferred to Mr. Muzylowski. Additional claim information is summarized below:

CLAIM NAME	CLAIM TYPE	TENURE NUMBER	NUMBER OF UNITS	ANNIVERSARY DATE *
MONTANA	4-post	378472	20	July 03, 2003

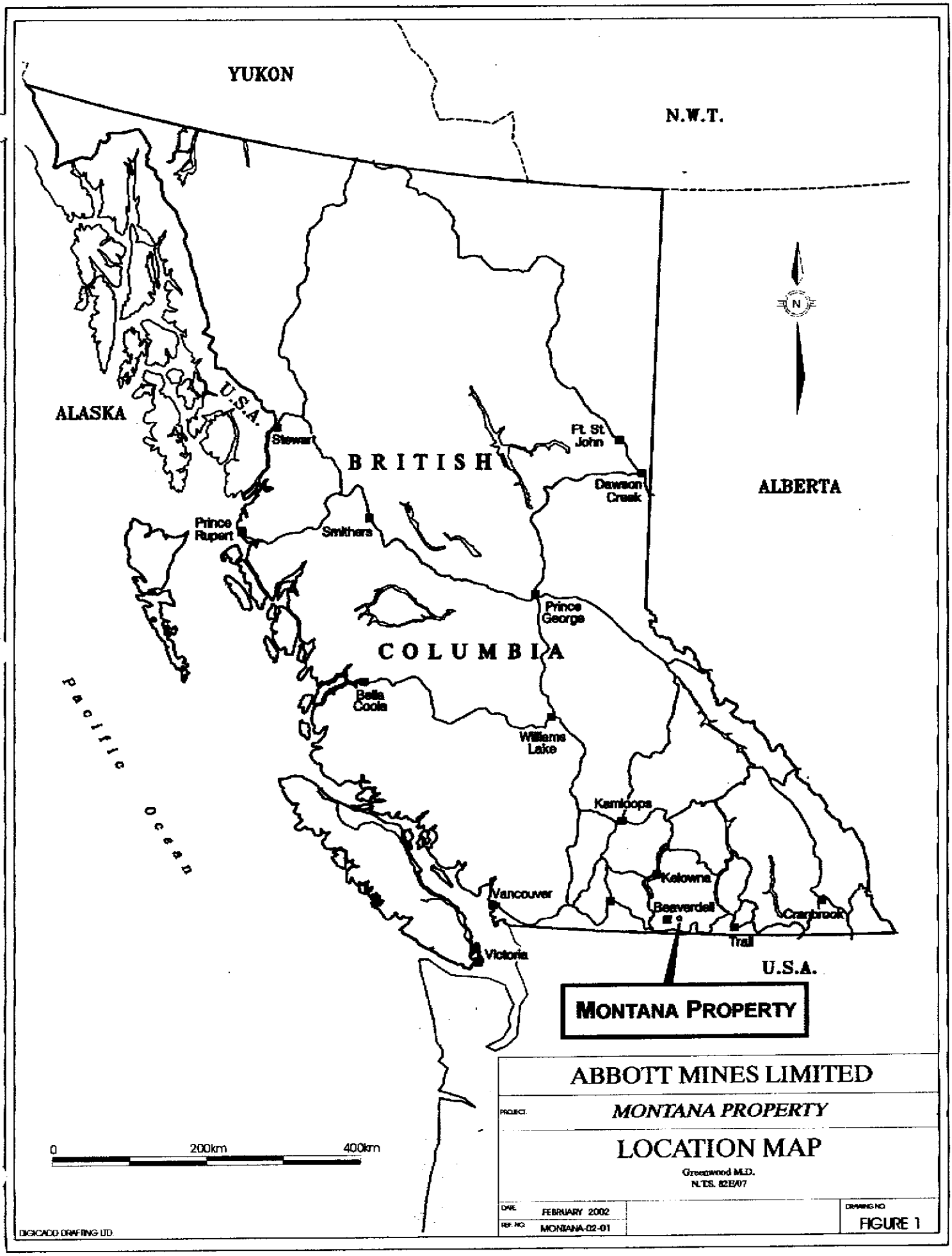
* The anniversary date reflects the new date pending acceptance of this report for assessment purposes.

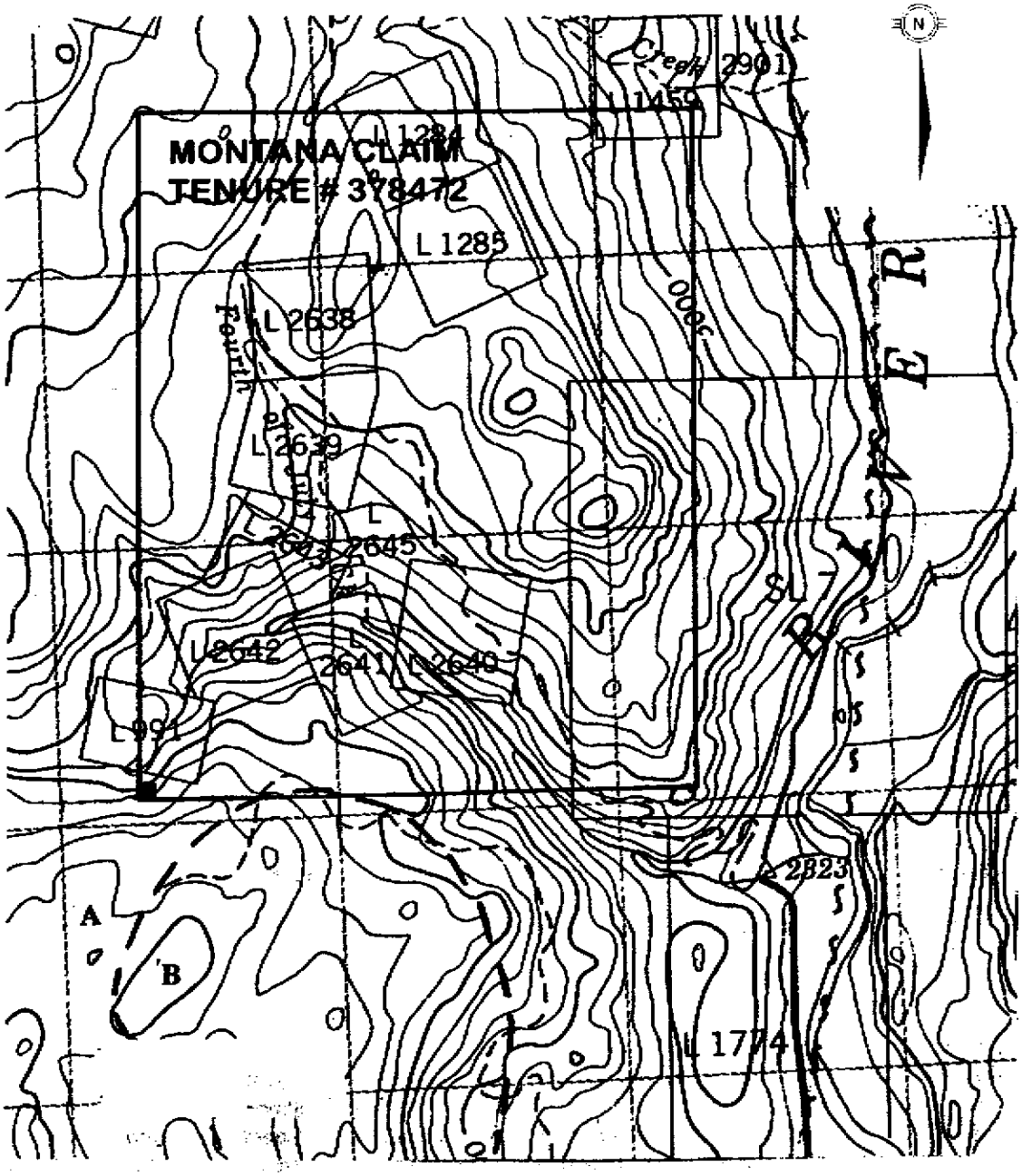
LOCATION AND ACCESS

The Montana Claim is located 295 kilometers east of Vancouver, 25 kilometres north of Westbridge and just west of the Kettle River (Figure 1). The property is in the Greenwood Mining Division, and is centered at approximately 49°26'N latitude and 118°53'30" W longitude on NTS Map Sheet 82 E/7W. The claim is accessed by the Fourth of July Forestry Service road, which leaves the Westbridge - Christian Valley - Monashee Pass Road at kilometer 25. The Fourth of July FSR traverses the claim from southeast to northwest, with some minor trails branching off the main logging road.

PHYSIOGRAPHY

The property is situated within the Monashee Mountains of the Southern Interior Physiographic Region, and elevations range from 810m along Canyon Creek to 1230m on ridges adjacent to Fourth of July Creek. Slopes are gentle except in the Canyon Creek valley. Vegetation consists mainly of mature pine and fir with open grazing areas on the ridge adjacent to Fourth of July Creek. There is evidence of old woodlots, and recent winter logging has taken place west of Fourth of July Creek. There is relatively little underbrush, except along Canyon Creek where vegetation is thick. The climate features warm summers and mild winters. Water is plentiful in Canyon Creek, but Fourth of July Creek flow is intermittent.


YUKON
N.W.T.
ALASKA
U.S.A.
Stewart
BRITISH
COLUMBIA
Ft. St. John
Dawson Creek
ALBERTA
Prince Rupert
Smithers
Prince George
Bella Coola
Williams Lake
Kamloops
Kelowna
Vancouver
Beaverdell
Cranbrook
Trail
Victoria
U.S.A.
Pacific Ocean
MONTANA PROPERTY
0
200km
400km
ABBOTT MINES LIMITED
PROJECT: MONTANA PROPERTY
LOCATION MAP
Greenwood M.D.
N.T.S. 82E/07
DATE: FEBRUARY 2002
REF. NO: MONTANA-02-01
DRAWING NO: FIGURE 1
DIGICADD DRAFTING LTD.



CONTOUR INTERVAL 100 FEET

0 1000m

Scale 1:25,000

ABBOTT MINES LIMITED

PROJECT: *MONTANA PROPERTY*

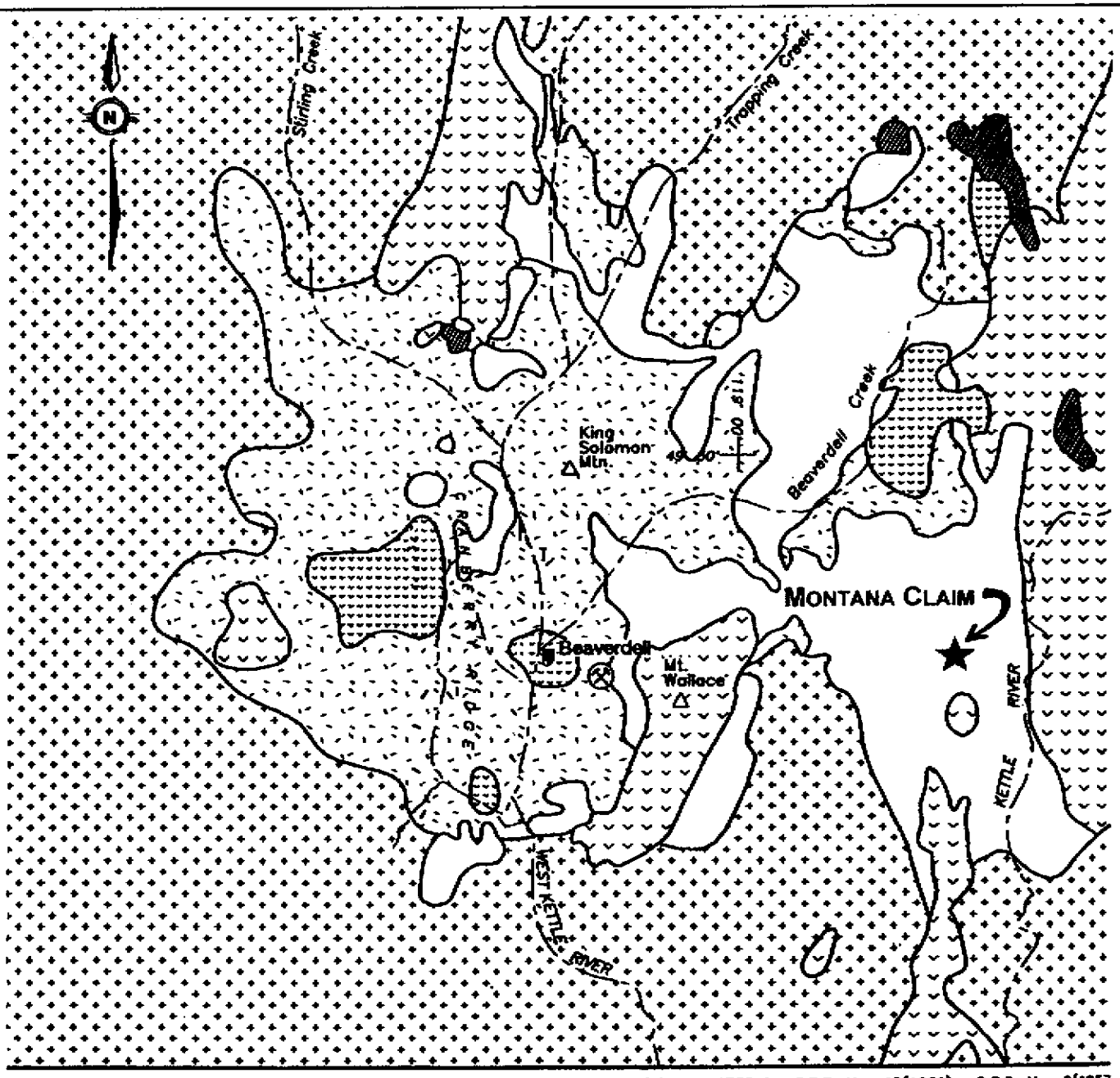
CLAIM MAP

Fourth of July Creek, Beaverdell Area
Greenwood Mining Division, British Columbia
N.T.S. 82E/07W

DATE: FEBRUARY 2002
REF NO: MONTANA-02-02

DRAWING NO: FIGURE 2

DIGICADD DRAFTING LTD.



LEGEND

Miocene

- Plateau Basalts

Eocene

- Eocene volcanics in part coeval with the CORYELL SYENITE
- CORYELL SYENITE

Jurassic – Cretaceous

- VALHALLA PLUTONICS (OKANAGAN BATHOLITH) granodiorite, granite

Middle Jurassic

- NELSON PLUTONICS granodiorite, quartz diorite

Carboniferous and Older

- ANARCHIST GROUP – amphibolite, greenstone, mafic schist, minor limestone, slate

0 10km

SCALE

ABBOTT MINES LIMITED

PROJECT: *MONTANA PROPERTY*

REGIONAL GEOLOGY MAP

Fourth of July Creek, Beaverdell Area
Greenwood Mining Division, British Columbia
N.T.S. 82E/07W

DATE:	FEBRUARY 2002	DRAWING NO.
REF. NO.	MONTANA-02-03	FIGURE 3

DIGICADD DRAFTING LTD.

HISTORY OF PREVIOUS WORK

Old Crown Granted claims in the area date to the late 1800s. The B.C. Minister of Mines Annual Reports of the early 1900s mentions developments on the Fourth of July (L.2638), Montana (L.2640) and Mayflower (L.1284). Several other Crown Grants were located along Fourth of July Creek and Canyon Creek. BCDM MINFILE references list Assessment Reports that indicate work on past claims in the 1970s and 1980s that partly include the present Montana claim. The Lake Ridge district, 5km north of the Montana claim has seen more intensive exploration and development. Limited exploration work was carried out in the immediate are of the Montana claim during the 1990's.

REGIONAL GEOLOGY

The area is within the Omineca Crystalline Belt, a NW trending belt dominated by plutonic and high-grade metamorphic rocks. Regional geology is presented in Figure 2, simplified from G.S.C. Map 1736-A by D. Templeman-Kluit. The Montana claim is underlain by the Carboniferous or older Anarchist Group. This unit includes amphibolites, greenstones, quartz - chlorite and quartz - biotite schists, minor ultramafics, sediments and chert. Granodioritic plugs of middle Jurassic Nelson plutonics, as well as Jurassic - Cretaceous intrusions of the Okanagan batholith outcrop in the area. To the east of the Montana Claim, Eocene volcanics of the Marron Group outcrop in a fault-bounded graben expressed by the Kettle River valley. The Anarchist Group rocks are also overlain south of the property by Eocene Springbrook Formation Conglomerate.

PROPERTY GEOLOGY & MINERALIZATION

Anarchist Group rocks outcropping on the Montana Claim comprise mainly green and grey meta-andesites. These are massive generally with little fabric, although phenocrysts are evident. Minor disseminated pyrite and lesser pyrrhotite are common. Silicified and pyritic altered zones are present on the ridge east of Fourth of July Creek. Thin-bedded turbiditic siltstones were also observed here. Fine-grained dioritic intrusives cut the Anarchist Group rocks in the vicinity of Fourth of July Creek, and may be related to the Nelson plutonics. Medium - grained granodiorites crops out along Canyon Creek in the southwest corner of the property. Intrusives are also present in the northeast corner and along the eastern margin of the claim. Feldspar porphyry dykes, trending northeast, was observed near the headwaters of Fourth of July Creek. Quartz - carbonate - sulphide veins were identified on the old Fourth of July Crown Grant, as well as in Canyon Creek. Several oxidized clay gouge and fault zones were also noted at the latter location. On the old Fourth of July Crown Grant an adit follows a vein – fault system. At adit the portal, the fault zone is about 60cm wide, with 5cm of clay gouge on the hanging-wall. The zone consists of silicified and clay altered volcanics with disseminated pyrite and trace chalcopyrite. Two parallel quartz – carbonate veins up to 8cm wide veins merge into one follows the fault zone north for about 13m. At this point the adit follows the vein to the northeast within a variably sheared and broken fault zone up to 2m wide. The vein here is generally up to 25cm wide. Within the vein are shoots of massive fine-grained pyrite and pyrrhotite up to 20cm wide. Additional sulphide minerals observed in the carbonate and quartz vein material include chalcopyrite and galena. A sample taken in 1996 (MTR04-G) assayed 27.74 g/t Au (0.809 oz/ton) over a 15cm width of sulphide within the quartz carbonate vein.

During the 2001 exploration program – geological mapping was carried out over the control grid and in the immediate vicinity of the grid area. During the coarse of the work program various old working were encountered which were mapped and sampled during Gal's previous work (1996), and little time was spent during this effort in evaluation or resampling these.

Mapping was successful in a least partially determining the extent of the silicified zone in both the east and the west. Most often samples were taken of strongly silicified rock which, which usually had increased

concentrations of sulphides. As limited previous information exists with respect to this form of mineralization on the property – no single key can be noted as being an indicator to the presence or absence of mineralization in any given locale/setting on the property.

The dominant lithology appears to be a dark, apanitic, blue-grey andesite, which typically is at least in part silicified, and which locally appears to have undergone moderate chloritic alteration, and elsewhere (where silicification is strongest) a fair amount of "bleaching". Normally this rock hosts <0.5% to 1% disseminated fine-grained sulphides, which are dominantly pyrite to the east, and pyrrhotite in the west. Zones of strongest silicification appear to be bound by Feldspar porphyry dykes. Locally thin layers of dark cherty rock were noted, more often than not within close proximity of the baseline. Only one minor fault was inferred to occur in the west silicified zone area. The other major lithology was a diorite intrusive, which occurs in the north portions of the claim proximal to the West Silicified Zone. Rock sample descriptions are located within Appendix II, and sample locations and property geology are shown on Figure 7 within Appendix III, both at rear of this report.

CONTROL GRID

A total of 5,175m of control grid lines (including the 800m long baseline) was emplaced utilizing hip-chain, GPS and compass, and marked with flagged stations at 25m intervals. The grid comprises an 800m long - north/south base line and 11 - east/west crosslines that range in length from 250m to 550m and have a line separation varying between 50m and 100m apart. The grid as emplaced is shown on Figures 4 thru 7.

GEOCHEMICAL SURVEY

A total of 196 soils samples were collected at 25m intervals from the control grid and from a single line along a road cut – the "Road Traverse". The samples were collected from the "B" Horizon using a "Clam Shovel" (a narrow long bladed shovel). Samples were placed in Kraft paper soil sample envelopes/bags and the corresponding grid co-ordinate was written on each bag. A layer of volcanic ash a few cm thick was often encountered near the top of the B-horizon, and may have had a dampening effect on the geochemical signature of the soils, ie. leading to lower than normal values. Although soil geochemical values seem low due of the effect of ash, anomalous areas are still apparent. Soil geochemistry plotted for As, Zn and Cu/Au are presented in Figures 4, 5 and 6 at the rear of the report.

All 196 soil samples were submitted to Cominco Exploration Laboratory for 28 element ICP (0.5gram sample digested in hot reverse aqua regia). 76 Soil samples from Lines 11N, 14N, 16N, 16.5N and TRV4 were also analysed for Gold using Aqua regia decomposition / solvent extraction / AAS.

Elevated levels of Arsenic are confined to the eastern section of the survey area on the eastern ends of sample lines 10N thru 15N over a detected width of between 100m and 150m. The anomaly is open to the north, south and east. With the exception of one spot anomaly this was the only area of elevated Arsenic values detected. The highest As value was 561ppm and was obtained from a sample located above an uphill, and along strike, from an old adit.

Elevated values of Zinc were encountered throughout the grid area. The anomaly is open to the north, south and east. Elevated Zinc values occur coincident with elevated Arsenic within the eastern section of the grid area. The highest Zn value is 448ppm. This sample was collected on Line TRV4 and is located within a broad Zn anomaly.

Copper results were lower than expected with the maximum value received being 205ppm. Only eight soil samples returned values greater than 80ppm. Of these samples, 6 occur within the coincident As, Zn anomaly, and all 8 occur within the broader Zn anomaly.

Of the 76 samples that were analysed for gold only 10 returned values greater than 10ppb, with the highest gold value obtained being 25ppb. This sample site is located within the 4th of July Creek valley and is most likely reflecting a "concentrated" gold effect. Three samples (L11N) showed elevated gold from locations uphill, and along strike, from an old adit.

CONCLUSIONS AND RECOMMENDATIONS

The 2001 exploration program covered approximately 20% of the surface area within the Montana property. Geological mapping indicated a prospective host rock environment with widespread silicification (locally strong) occurring within several rock units throughout the survey area. Geochemical results have identified a large arsenic and zinc anomaly that is open to the north, south and east. Arsenic is traditionally a good pathfinder for locating gold mineralization within an epithermal environment.

Further work within the property should include the collection of additional soil samples to extend (follow out) the soil anomaly. Additional geological mapping should be carried out in the area of the soil anomaly. Rock samples collected should be submitted for petrography, PIMA alteration study as well as analytical work.

SELECTED BIBLIOGRAPHY

BCMEMPR MINFILE	082ESE168 (Mayflower) and 082ESE111 (Montana)
B.C. Minister of Mines	Annual Reports 1900 (p.879), 1901 (p.1136), 1902 (p.182), 1903 (p.248).
Gal, L.P. (1996)	Prospecting and Geophysical Report on the Montana Claim, Greenwood M.D., B.C. 1996
Little, H.W. (1961)	Geology, Kettle River (West Half), British Columbia; Geological Survey of Canada, Map 15-1961
Tempelman-Kluit, D.J. (1989)	Geology, Penticton, British Columbia; Geological Survey of Canada, Map 1736A, scale 1:250 000

STATEMENT OF QUALIFICATIONS

I, Lloyd C. Brewer, of Suite 604, 700 West Pender Street, in the City of Vancouver, British Columbia, Canada do hereby certify:

1. THAT I am president and owner of White Wolf Explorations Ltd. and Madman Mining Co. Ltd., and have worked in the mining industry on a full time basis since 1981;

2. THAT I have held direct interests in various mineral claims located in the proximity of the Montana Project since 1995;

3. THAT this report is based on exploration work carried out under my direct supervision, on the Montana property during June 2001.

4. I grant permission to use this report, in whole or part, in a prospectus or other financial offering.

Signed and Dated at Vancouver, British Columbia, this 5th day of March, 2002.

Lloyd C. Brewer

STATEMENT OF COSTS

The following is the statement of costs directly associated with the exploration work on the Montana Claim, Greenwood Mining Division, BC.

DESCRIPTION	DATES	RATE	SUB - TOTAL
Tom Lewis, B.Sc, P.Geo	June 9 – 14th, 2001	5 days @ $300.00/day	$1,500.00
Crew accommodation and meals	June 9 – 14th, 2001	5 days @ $52.00/day	$260.00
Vehicle rentals (4x4 pick-up truck)	June 9 – 14th, 2001	5 days @ $100.00/day (including mileage)	$500.00
Survey supplies (consumables)	flagging, topofil thread, sample bags, fuel etc.		$258.16
Equipment Rental (general exploration equipment, hip chains, power saw, etc	June 9 – 14th, 2001	5 days @ $50.00/day	$250.00
Analytical Work	Cominco Exploration Laboratory	76 soil samples (28 element ICP + Au) ($11.77 each) 120 soil samples (28 element ICP only) ($6.42 each) 12 rock samples (28 element ICP + Au) ($13.91 each)	$1,831.84
Report preparation			$400.00
Total cost of project			**$5,000.00**

APPENDIX 2

MONTANA ROCK SAMPLE DESCRIPTIONS

129497 11+00N 3+30E Grab - strong silicification – grayish volcanic - local patchy dark green (chlorite?), overall bleached, local abundant fine-grained disseminated pyrite – up to 5% locally. Overall probably 3% - moderate hematite on weathered surfaces

129498 12+75N 5+00E Grab - bluish/gray volcanic – partly bleached – strong silicification ~ 1% very fine grained disseminated pyrite, local patchy, hematite & trace manganese oxide on weathered surfaces

129499 13+00N 4+55E Grab - greyish volcanics – strong silicification – patchy pyrite with some very fine grained disseminated – 1-2% total, strong hematite on weathered surfaces

129500 13+00N 3+80E Grab - much as 129499 – also with strong hematite + manganese oxide on weathered surfaces

129501 14+00N 4+50E Grab – Altered diorite? – porphyritic quartz/flooding – pervasive green (chlorite?) altered. Moderate to strong silicification, slight clay alteration of feldspars, strong hematite on fractured surfaces – patchy fine-grained sulphides (about 1 –2%)

129502 17+50N 1+06W Grab - Small Old trench - Diorite – fine to medium grained quartz/flood – pervasive green (chlorite?) alteration, <1% very fine grained po/py – moderate hematite/limonitic staining.

129503 16+50N 0+95W Grab – Bluish/gray aphanitic, silicious & partly bleached, <1% disseminated very fine-grained pyrite, trace potasasic alteration, heavy hematite/limonite/manganese oxide on weathered surface

129504 16.50N 1+23W Grab - Silicious medium grained diorite, bluish/grey, with <1% very fine grained po/py, hematite weather on fractured surfaces

129505 16.55N 2+10W Grab – Old trench - vuggy somewhat friable material – leached – possible quartz vein with sulphides removed. Heavy (pervasive) hematite limonite staining

129506 16+00N 0+50W Grab – Bluish/gray aphanitic – partly bleached, very silicious, < 1% disseminated patchy po/py, hematite/limonite on weathered surfaces

129507 14+83N 0+03W Grab – Old Trench just below Road – Light gray – aphanitic, bleached, silicious, < 0.5% fine grained po/py – local blebs, heavy hematite, local limonite, trace manganese oxide on fractured surfaces, rock somewhat friable

129508 16+55N 2+10W Grab - Same trench as 129505 - composite of various pieces from dump – some boxwork noted with bull quartz matrix, some material as sample in 505, varying sulphide po/py contents – all fairly strongly oxidized.

APPENDIX 3

GEOCHEMICAL & GEOLOGICAL PLOTS

Figure 4 - Arsenic
Figure 5 - Zinc
Figure 6 - Copper & Gold
Figure 7 - Geology and Rock Samples

118 ° 53'

Corner Post
5Nx4W

Montana Claim Boundary

ID POST
5Nx3W

ID POST
5Nx2W

L18N
L17.5N
L17N
L16.5N
L16N
L15N
L14N
L13N
L12N
L11N
L10N

23 22 19 17 10 11 20 12 12 12 11
24 22 15 38 16 23 22 19 20 15 16
25 31 22 19 15 16 14 20 13 11 17
10 22 24 32 23 14 22 17 12 13 17
22
4000 21 16 19 21 16 15 22 38 15 23

3 3 5 <2 <2 <2 3 22 18 20 19 94 16 20 28 30 41 40 39 96 72 3800 48 240 312 212 96 3900 119 116 246 118

2 2 <2 2 <2

L- TRV4

3900

ID POST
4Nx4W

108 155 229 90 374 81
29 15 18 11 21 28 97 69 70 68 117 90 246 280 144 53

12 114 250 175
16 18 25 14 21 18 39 41 78 54 61 74 87 73 88 59 190 280

3700

89 228 149 206
33 34 18 26 31 41 33 47 46 40 59 67 90 97 108 134 312

44 49 114 104 415
48 38 78 70 46 47 31 41 33 561 80 63 64 25 75 68

35 41 204 350 118
47 22 31 18 16 72 51 47 60 48 65 87 90 96 320 110

Montana Claim Boundary

ID POST
3Nx4W

3600

3500

- 49 ° 26'

2+50W 0+00 2+50E 5+00E

0 200 Metres
Scale: 1:5,000

LEGEND

- Fourth of July Creek
- Gravel Road
- Pit/Trench
- Topographic Contours (100 ft intervals)
- Adit
- Soil Sample Site - (Collected at 25m intervals)

TO ACCOMPANY REPORT BY: L. C. BREWER

ABBOTT MINES LIMITED

MONTANA PROPERTY

GREENWOOD M.D. NTS. 82E 7W

SOIL SAMPLES

ARSENIC ppm

DATE: FEBRUARY 2002 FIGURE NO. 4

118 ° 53'

Corner Post
5Nx4W

Montana Claim Boundary

ID POST
5Nx3W

ID POST
5Nx2W

ID POST
4Nx4W

ID POST
3Nx4W

Montana Claim Boundary

L - TRV4

L18N
L17.5N
L17N
L16.5N
L16N
L15N
L14N
L13N
L12N
L11N
L10N

3900
3800
3700
3600
3500
4000

2+50W
0+00
2+50E
5+00E

- 49 ° 26'

0 200 metres

Scale - 1:5,000

LEGEND

- Fourth of July Creek
- Gravel Road
- Pit/Trench
- Topographic Contours (100 ft intervals)
- Adit
- Soil Sample Site - (collected at 25m intervals)

TO ACCOMPANY REPORT BY: L. C. BREWER

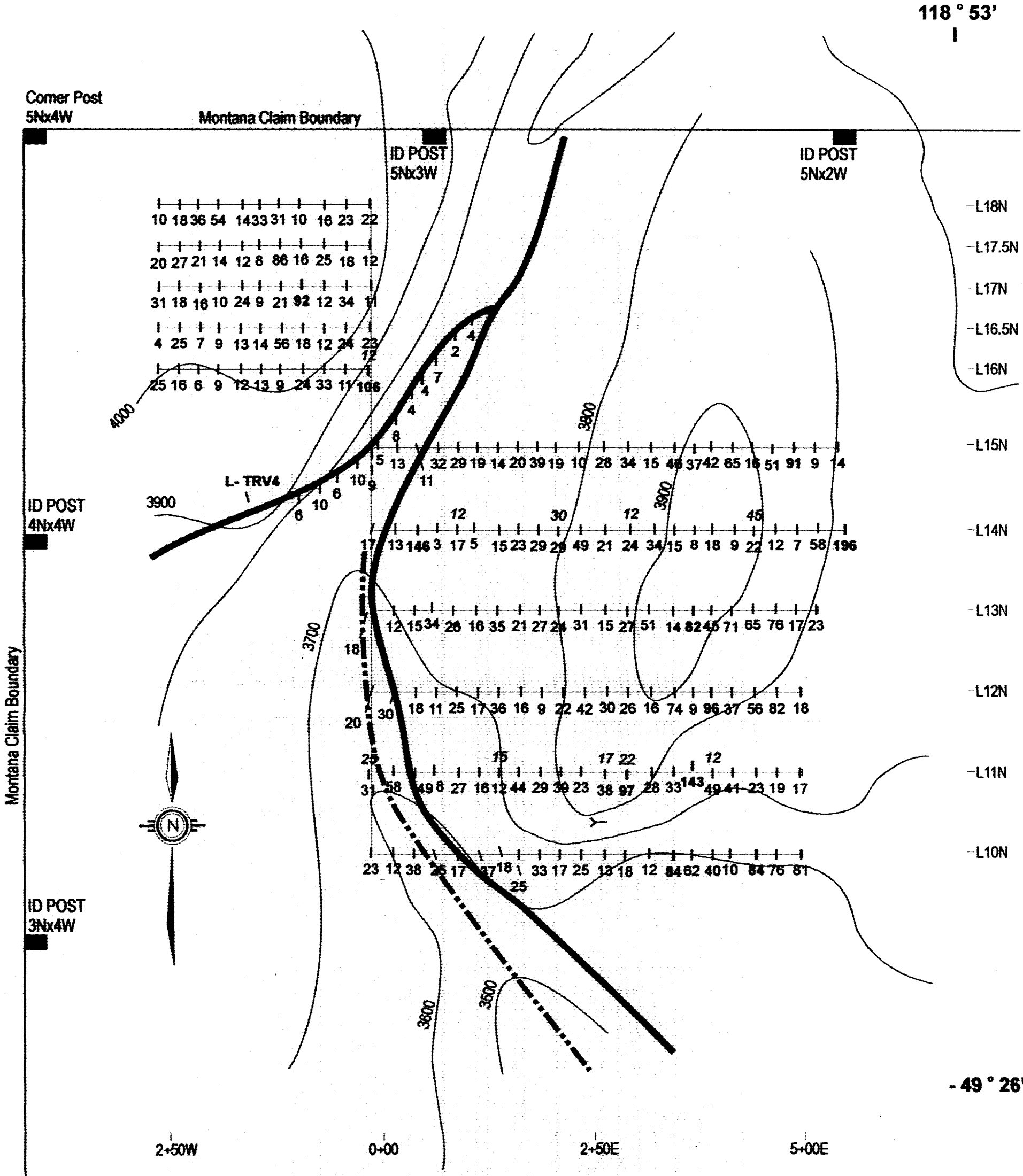
ABBOTT MINES LIMITED

MONTANA PROPERTY

GREENWOOD M.D. NTS. 82E 7W

SOIL SAMPLES - ZINC ppm

DATE: FEBRUARY 2002 FIGURE NO. 5



NOTE: - Gold was analysed for Lines 11N, 14N, 16N, 16.5N and L-TRV4 only
(Values of <10ppb Au have not been plotted)

LEGEND

45 Gold Value (ppb) - Plotted Above the Grid Line - SEE NOTE

124 Copper Value (ppm) - Plotted Below the Grid Line

Fourth of July Creek

Gravel Road

Pit/Trench

Topographic Contours (100 ft intervals)

Adit

Soil Sample Site - (Collected at 25m intervals)

0 200 Metres

Scale: 1:5,000

TO ACCOMPANY REPORT BY: L. C. BREWER

ABBOTT MINES LIMITED

MONTANA PROPERTY

GREENWOOD M.D. NTS. 82E 7W

SOIL SAMPLES

Cu (ppm) & Au (ppb)

DATE: FEBRUARY 2002 FIGURE NO. 6

118 ° 53'

Corner Post
5Nx4W

Montana Claim Boundary

ID POST
5Nx3W

ID POST
5Nx2W

ID POST
4Nx4W

ID POST
3Nx4W

Montana Claim Boundary

L18N
L17.5N
L17N
L16.5N
L16N
L15N
L14N
L13N
L12N
L11N
L10N

129502
129505 & 129508
129504
129503
129506
129507
129501
129500
129499
129498
129497

L- TRV4

3900
3800
3700
3600
3500
4000

SV
MGD
FPD
SSV
SVG

Rock Samples
Cu (ppm) / Zn (ppm) / As (ppm) / Au (ppb)

	Cu / Zn / As / Au
129497	59 / 176 / 30 / 30
129498	57 / 111 / 107 / 32
129499	97 / 159 / 28 / <10
129500	52 / 60 / 59 / 40
129501	198 / 74 / 48 / <10
129502	123 / 6360 / 23 / 84
129503	72 / 81 / 7 / <10
129504	119 / 105 / 4 / <10
129505	1500 / 40 / 656 / 100
129506	52 / 63 / 8 / 42
129507	32 / 21 / 622 / 54

2+50W
0+00
2+50E
5+00E

- 49 ° 26'

LEGEND

FPD - Feldspar Porphyry Dyke

SSV - Strongly Silicified Fine Grained Volcanic - Bleached

SV - Silicified Fine Grained Blue/Grey Volcanics
(typically with <0.5% - 1% Very Fine-grained Arseno pyrite

SVG - Silicified Fine Grained Greenish (Chlorite Alteration) Volcanic

MGD - Medium Grained Equigranular Dioritic Intrusive

Fault

Fourth of July Creek

Gravel Road

Pit/Trench

Topographic Contours (100 ft intervals)

Adit

X Rocks Sample Site

0 200 Metres

Scale: 1:5,000

TO ACCOMPANY REPORT BY: L. C. BREWER

ABBOTT MINES LIMITED

MONTANA PROPERTY

GREENWOOD M.D. NTS. 82E 7W

GEOLOGY & ROCK SAMPLE LOCATIONS AND RESULTS

DATE: FEBRUARY 2002 FIGURE NO. 7

APPENDIX 4

ANALYTICAL RESULTS

Cominco Exploration Laboratory

(ROCK)

MADMAN MINING INC LTD-X01

Job V 01-0270R

#129497 - 129522

Report date 20 JUL 2001

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
R0103441	129497	30	5
R0103442	129498	32	5
R0103443	129499	<10	5
R0103444	129500	40	5
R0103445	129501	<10	5
R0103446	129502	84	5
R0103447	129503	<10	5
R0103448	129504	<10	5
R0103449	129505	100	5
R0103450	129506	42	5
R0103451	129507	54	5
R0103452	129508	<10	5
R0103453	129509	<10	5
R0103454	129510	1040	5
R0103455	129511	<10	5
R0103456	129512	<10	5
R0103457	129513	<10	5
R0103458	129514	<10	5
R0103459	129515	<10	5
R0103460	129516	<10	5
R0103461	129517	<10	5
R0103462	129518	<10	5
R0103463	129519	<10	5
R0103464	129520	<10	5
R0103465	129521	<10	5
R0103466	129522	<10	5

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS

Wt Au The weight of sample taken to analyse for gold (geochem)

MADMAN MINING INC LTD-X01

Job V 01-0270R

#129497 - 129522

Report date 20 JUL 2001

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
R0103441	129497	59	1374	176	<.4	30	32	1	9	22	2.61	<2	78	<5	<5	59	<2	<2	86	5	4	466	.69	.06	2.22	1.48	.27	.04	853
R0103442	129498	57	29	111	<.4	107	21	<1	15	21	2.83	<2	59	<5	<5	56	<2	<2	90	6	4	464	.75	.09	2.18	1.28	.25	.05	1106
R0103443	129499	97	78	159	<.4	28	32	1	11	16	2.62	<2	45	<5	<5	50	2	<2	37	8	9	352	.43	.15	.97	1.15	.1	.08	1142
R0103444	129500	52	77	60	<.4	59	38	<1	21	16	2.28	<2	88	<5	<5	58	<2	<2	59	7	8	354	.56	.11	2.12	1.3	.21	.05	1390
R0103445	129501	198	12	74	<.4	48	40	<1	16	33	5.71	<2	41	<5	<5	74	5	<2	39	8	8	594	.99	.18	1.97	1.13	.03	.07	1521
R0103446	129502	123	34	6360	2.2	23	61	65	11	16	5.32	<2	77	<5	<5	81	3	<2	21	10	4	2794	.88	.02	1.95	.48	.07	.28	2200
R0103447	129503	72	32	81	<.4	7	53	<1	11	17	3.29	<2	49	<5	<5	90	2	<2	69	8	9	431	.95	.19	1.83	1.04	.18	.29	1305
R0103448	129504	119	30	105	.5	4	42	<1	19	21	5.16	<2	44	<5	<5	73	4	<2	90	9	5	454	.55	.19	2.78	2.25	.2	.06	1345
R0103449	129505	1500	17	40	<.4	656	18	<1	8	44E	1.84	3	<4	<5	<5	37	6	<2	5	5	<2	128	.02	<.01	.48	.05	.01	.07	348
R0103450	129506	52	15	63	<.4	8	42	<1	9	8	4.19	<2	71	<5	<5	38	3	<2	47	6	2	304	.86	.08	1.94	.82	.17	.1	863
R0103451	129507	32	14	21	<.4	622	90	<1	5	5	1.72	<2	66	<5	<5	9	<2	<2	8	3	2	39	.07	<.01	.43	.22	.02	.26	797
R0103452	129508	220	44	88	<.4	6	45	<1	21	14	3.84	<2	89	<5	<5	72	3	<2	50	12	8	593	1.26	.19	1.62	1.04	.07	.26	780
R0103453	129509	192	23	124	<.4	7	61	<1	17	13	3.47	<2	74	<5	<5	77	3	<2	50	16	10	647	1.6	.25	2.07	.91	.06	.38	818
R0103454	129510	14	87	15	25.0	<2	10	<1	1	6	.42	<2	198	<5	<5	9	<2	<2	28	<2	5	76	.09	<.01	.21	.13	.02	.04	22
R0103455	129511	11	8	26	<.4	<2	31	<1	<1	9	1.17	5	131	<5	<5	6	2	<2	8	3	<2	99	.03	<.01	.38	.08	.06	.15	160
R0103456	129512	7	<4	9	<.4	<2	20	<1	<1	7	.41	17	123	6	<5	3	<2	<2	5	<2	<2	11	<.01	<.01	.25	.04	.07	.14	15
R0103457	129513	37	6	50	.4	<2	77	<1	2	7	3.45	529	97	<5	<5	11	<2	<2	31	4	3	254	.31	.09	.95	.25	.06	.24	804
R0103458	129514	21	<4	14	<.4	<2	38	<1	<1	5	.56	87	232	<5	<5	<2	<2	<2	6	<2	3	32	.01	<.01	.25	.07	.04	.12	55
R0103459	129515	30	<4	89	<.4	<2	143	<1	2	4	1.1	60	128	<5	<5	12	<2	<2	41	6	9	328	.27	.06	.96	.47	.06	.37	351
R0103460	129516	2	<4	29	<.4	<2	44	<1	<1	6	.9	60	176	<5	<5	7	<2	<2	8	6	20	114	.05	.01	.44	.23	.06	.17	662
R0103461	129517	<1	7	23	<.4	<2	60	<1	<1	4	1.11	701	156	<5	<5	<2	<2	<2	13	2	8	61	.03	<.01	.39	.08	.06	.2	304
R0103462	129518	3	4	11	<.4	<2	7	<1	1	2	.58	<2	128	<5	<5	7	<2	<2	5	4	<2	169	.02	<.01	.26	.06	.07	.1	27
R0103463	129519	6	<4	18	<.4	<2	22	<1	1	5	1.68	81	130	<5	<5	9	<2	<2	6	2	2	184	.03	<.01	.34	.08	.07	.1	96
R0103464	129520	1	7	11	<.4	<2	69	<1	1	3	1.25	53	118	<5	<5	2	<2	<2	26	6	53	36	.02	<.01	.9	.1	.24	.38	82
R0103465	129521	165	<4	21	<.4	2	21	<1	5	5	2.53	5	84	7	<5	32	<2	<2	28	8	8	108	.21	.13	.6	.57	.09	.09	991
R0103466	129522	3	4	27	<.4	<2	49	<1	<1	10	.38	5	140	<5	<5	5	<2	<2	11	2	2	74	.04	<.01	.29	.04	.05	.13	10

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

APPENDIX 5

ANALYTICAL RESULTS

Cominco Exploration Laboratory

(SOIL)

MADMAN MINING INC LTD-X01

Job V 01-0271S

L11/L14/L16/L16.5/TRV4

Report date 20 JUL 2001

LAB NO.	FIELD NUMBER	East+ West-	North+ South-	Au ppb	Wt Au gram
S0101357	L11N 0+00			25	10
S0101358	L11N 0+25E			<10	10
S0101359	L11N 0+50E			<10	10
S0101360	L11N 0+75E			<10	10
S0101361	L11N 1+00E			<10	10
S0101362	L11N 1+25E			<10	10
S0101363	L11N 1+50E			<10	10
S0101364	L11N 1+75E			15	10
S0101365	L11N 2+00E			<10	10
S0101366	L11N 2+25E			20	10
S0101367	L11N 2+50E			<10	10
S0101368	L11N 2+75E			17	10
S0101369	L11N 3+00E			22	10
S0101370	L11N 3+25E			<10	10
S0101371	L11N 3+50E			<10	10
S0101372	L11N 3+75E			<10	10
S0101373	L11N 4+00E			20	10
S0101374	L11N 4+25E			<10	10
S0101375	L11N 4+50E			<10	10
S0101376	L11N 4+75E			<10	10
S0101377	L11N 5+00E			<10	10
S0101378	L14N 0+25E			<10	10
S0101379	L14N 0+50E			<10	10
S0101380	L14N 0+75E			<10	10
S0101381	L14N 1+00E			12	10
S0101382	L14N 1+25E			<10	10
S0101383	L14N 1+50E			<10	10
S0101384	L14N 1+75E			<10	10
S0101385	L14N 2+00E			<10	10
S0101386	L14N 2+25E			30	10
S0101387	L14N 2+50E			<10	10
S0101388	L14N 2+75E			<10	10
S0101389	L14N 3+00E			12	10
S0101390	L14N 3+25E			<10	10
S0101391	L14N 3+50E			<10	10
S0101392	L14N 3+75E			<10	10
S0101393	L14N 4+00E			<10	10
S0101394	L14N 4+25E			<10	10
S0101395	L14N 4+50E			45	10
S0101396	L14N 4+75E			<10	10
S0101397	L14N 5+00E			<10	10
S0101398	L14N 5+25E			<10	10
S0101399	L14N 5+50E			<10	10
S0101400	L16.5N 0+00			<10	10
S0101401	L16.5N 0+25W			<10	10
S0101402	L16.5N 0+50W			<10	10
S0101403	L16.5N 0+75W			<10	10
S0101404	L16.5N 1+00W			<10	10
S0101405	L16.5N 1+25W			<10	10
S0101406	L16.5N 1+50W			<10	10
S0101407	L16.5N 1+75W			<10	10

LAB NO.	FIELD NUMBER	East+ West-	North+ South-	Au ppb	Wt Au gram
S0101408	L16.5N 2+00W			<10	10
S0101409	L16.5N 2+25W			<10	10
S0101410	L16.5N 2+50W			<10	10
S0101411	L16N 0+00			12	10
S0101412	L16N 0+25W			<10	10
S0101413	L16N 0+50W			<10	10
S0101414	L16N 0+75W			<10	10
S0101415	L16N 1+00W			<10	10
S0101416	L16N 1+25W			<10	10
S0101417	L16N 1+50W			<10	10
S0101418	L16N 1+75W			<10	10
S0101419	L16N 2+00W			<10	10
S0101420	L16N 2+25W			<10	10
S0101421	L16N 2+50W			<10	10
S0101422	TRV4 0+00			<10	10
S0101423	TRV4 0+50			<10	10
S0101424	TRV4 1+00			<10	10
S0101425	TRV4 1+50			<10	10
S0101426	TRV4 2+00			<10	10
S0101427	TRV4 2+50			<10	10
S0101428	TRV4 3+00			<10	10
S0101429	TRV4 3+50			<10	10
S0101430	TRV4 4+00			<10	10
S0101431	TRV4 4+50			<10	10
S0101432	TRV4 5+00			<10	10

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS

Wt Au The weight of sample taken to analyse for gold (geochem)

MADMAN MINING INC LTD-X01

Job V 01-02718

L11/L14/L16/L16.5/TRV4

Report date 20 JUL 2001

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0101357	L11N 0+00	31	11	102	<.4	48	88	<1	10	17	2.33	<2	16	<5	<5	36	2	<2	30	6	13	543	.31	.04	1.75	.29	.02	.07	1283
S0101358	L11N 0+25E	58	9	98	.5	44	59	<1	5	15	1.72	<2	9	<5	<5	18	3	<2	49	12	21	340	.15	.04	1.95	.75	.03	.05	229
S0101359	L11N 0+50E	49	9	199	.4	49	84	<1	11	18	2.33	<2	9	<5	<5	22	2	<2	23	6	3	373	.18	.05	2.06	.27	.02	.07	815
S0101360	L11N 0+75E	8	9	94	<.4	38	102	<1	4	10	1.44	<2	9	<5	<5	18	<2	<2	15	3	8	536	.12	.03	1.47	.2	.02	.04	1193
S0101361	L11N 1+00E	27	8	90	<.4	78	83	<1	4	15	1.73	<2	10	<5	<5	16	<2	<2	21	14	22	333	.16	.06	2.35	.34	.03	.04	297
S0101362	L11N 1+25E	16	8	73	<.4	70	104	<1	5	13	1.65	<2	9	<5	<5	22	2	<2	15	6	8	272	.16	.05	2.1	.24	.03	.06	873
S0101363	L11N 1+50E	12	8	95	<.4	46	114	<1	5	13	1.61	<2	9	7	<5	21	<2	<2	23	4	9	493	.17	.05	1.97	.29	.03	.08	953
S0101364	L11N 1+75E	44	10	211	<.4	47	112	<1	18	24	2.63	<2	12	<5	<5	34	2	<2	24	4	12	1123	.3	.07	2.37	.27	.07	.08	590
S0101365	L11N 2+00E	29	12	99	<.4	31	203	<1	16	18	2.03	<2	10	<5	<5	27	2	<2	34	4	9	2655	.2	.06	2.1	.35	.07	.07	754
S0101366	L11N 2+25E	39	13	87	<.4	41	183	<1	11	18	2.47	<2	11	<5	<5	30	<2	<2	29	4	8	1645	.23	.05	1.91	.25	.06	.09	712
S0101367	L11N 2+50E	23	9	67	<.4	33	112	<1	8	15	2.06	<2	12	<5	<5	30	<2	<2	13	5	9	858	.2	.07	2.4	.12	.05	.04	920
S0101368	L11N 2+75E	38	8	135	<.4	114	206	<1	17	26	2.81	<2	10	<5	<5	31	<2	<2	42	7	7	1843	.23	.06	3.45	.42	.07	.16	2585
S0101369	L11N 3+00E	97	12	197	.4	561	229	2	9	13	2.05	<2	10	<5	<5	19	2	<2	34	6	10	1987	.18	.05	2.17	.29	.02	.08	1236
S0101370	L11N 3+25E	28	14	97	<.4	104	171	<1	10	15	1.96	<2	10	<5	<5	25	3	<2	37	5	8	2222	.21	.03	2.27	.37	.06	.07	1700
S0101371	L11N 3+50E	33	13	121	<.4	80	181	1	13	16	2.44	<2	12	<5	<5	36	2	<2	37	12	17	2275	.28	.05	2.5	.67	.03	.13	488
S0101372	L11N 3+75E	143	21	155	.7	415	282	4	48	22	3.78	<2	8	<5	5	57	4	<2	108	18	8	6483	.37	.01	1.87	1.19	.08	.08	2065
S0101373	L11N 4+00E	49	16	102	.4	63	205	<1	16	14	3.14	<2	11	<5	<5	42	2	<2	33	16	15	1995	.38	.03	3.05	.49	.06	.19	777
S0101374	L11N 4+25E	41	11	131	<.4	64	76	<1	8	12	2.13	<2	10	<5	<5	21	2	<2	35	20	22	1089	.26	.04	2.31	.75	.07	.09	352
S0101375	L11N 4+50E	23	36	110	<.4	25	405	1	11	14	2.43	<2	18	<5	<5	29	<2	<2	131	10	36	4341	.51	.01	2.04	1.23	.06	.2	2011
S0101376	L11N 4+75E	19	14	96	<.4	75	133	<1	12	13	2.47	<2	10	<5	<5	29	<2	<2	38	6	6	1565	.23	.05	3.4	.4	.06	.06	2135
S0101377	L11N 5+00E	17	11	53	<.4	68	117	<1	8	11	1.84	<2	8	<5	<5	23	<2	<2	29	8	12	961	.22	.04	2.18	.31	.06	.07	360
S0101378	L14N 0+25E	13	12	68	.4	29	90	<1	5	11	1.65	<2	10	<5	<5	20	<2	<2	26	5	14	412	.19	.05	1.66	.26	.02	.04	985
S0101379	L14N 0+50E	146	10	122	.4	108	97	<1	52	25	7.13	6	12	<5	<5	41	3	<2	28	7	7	2668	.14	.03	2.51	.29	.06	.05	3007
S0101380	L14N 0+75E	3	8	54	<.4	15	89	<1	3	9	1.22	<2	8	<5	<5	17	<2	<2	17	2	8	587	.11	.03	1.37	.16	.02	.04	746
S0101381	L14N 1+00E	17	12	72	<.4	18	117	<1	7	11	2.15	<2	10	<5	<5	26	2	<2	11	3	7	727	.14	.05	1.98	.11	.02	.04	1097
S0101382	L14N 1+25E	5	7	45	<.4	11	176	<1	3	6	1.24	<2	8	<5	<5	15	<2	<2	15	3	10	1403	.1	.02	.92	.14	.02	.03	789
S0101383	L14N 1+50E	15	6	91	<.4	21	115	<1	5	13	1.6	<2	10	<5	<5	19	<2	<2	12	2	6	434	.16	.04	1.63	.11	.02	.04	749
S0101384	L14N 1+75E	23	8	171	<.4	28	67	<1	8	10	1.45	<2	6	<5	<5	22	<2	<2	14	2	4	944	.1	.04	1.46	.25	.03	.05	374
S0101385	L14N 2+00E	29	10	168	<.4	97	258	<1	10	16	2.09	<2	10	<5	<5	19	<2	<2	27	4	3	1524	.17	.04	2.29	.2	.02	.08	3551
S0101386	L14N 2+25E	49	8	117	<.4	69	93	<1	12	20	2.52	2	12	<5	<5	33	<2	<2	20	7	9	510	.28	.07	2.79	.2	.02	.06	856
S0101387	L14N 2+50E	21	8	135	<.4	70	127	<1	7	15	1.99	<2	12	<5	<5	21	<2	<2	23	5	8	325	.21	.05	2.06	.25	.02	.04	618
S0101388	L14N 2+75E	29	10	205	<.4	68	140	<1	10	19	2.63	<2	14	<5	<5	32	3	<2	12	5	6	944	.26	.06	2.1	.11	.02	.05	508
S0101389	L14N 3+00E	24	8	121	<.4	155	140	<1	12	20	2.43	<2	11	<5	<5	31	2	<2	27	3	7	793	.23	.05	1.91	.29	.02	.04	619

LAB NO.	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0101390	L14N 3+25E	34	11	68	<.4	117	104	<1	12	19	2.34	<2	12	<5	<5	35	2	<2	24	5	8	752	.24	.06	2.41	.25	.02	.05	548
S0101391	L14N 3+50E	15	8	54	<.4	90	123	<1	8	20	2.2	<2	13	<5	<5	37	<2	<2	25	4	4	577	.25	.08	2.59	.22	.03	.06	813
S0101392	L14N 3+75E	8	10	62	<.4	229	163	<1	6	12	1.82	<2	12	<5	<5	27	<2	<2	23	2	5	1132	.19	.05	1.78	.23	.02	.07	889
S0101393	L14N 4+00E	18	7	45	<.4	246	73	<1	6	14	1.74	<2	9	<5	<5	20	2	<2	18	4	5	116	.16	.07	2.65	.24	.04	.05	272
S0101394	L14N 4+25E	9	9	76	<.4	90	129	<1	5	10	1.35	<2	8	<5	<5	9	2	<2	21	2	2	772	.13	.04	1.61	.23	.03	.06	1801
S0101395	L14N 4+50E	22	8	67	<.4	280	96	<1	10	15	2.1	<2	10	<5	<5	32	<2	<2	19	4	6	869	.21	.08	2.95	.15	.03	.05	1280
S0101396	L14N 4+75E	12	8	81	<.4	374	154	1	9	13	1.66	<2	8	<5	<5	18	<2	<2	28	2	2	557	.21	.05	2.27	.25	.03	.07	945
S0101397	L14N 5+00E	7	5	93	<.4	144	130	<1	7	11	1.15	<2	6	<5	<5	13	<2	<2	13	<2	<2	729	.11	.05	2.01	.14	.03	.04	1248
S0101398	L14N 5+25E	58	10	102	<.4	81	136	1	21	20	2.03	<2	9	<5	<5	22	<2	<2	21	4	2	1643	.17	.05	1.68	.26	.07	.06	889
S0101399	L14N 5+50E	196	19	63	.4	53	74	<1	19	18	3.02	2	8	<5	<5	27	3	<2	40	6	8	1184	.16	.04	2.71	.37	.06	.06	2055
S0101400	L16.5N 0+00	23	14	114	<.4	17	252	1	21	20	2.94	<2	11	<5	<5	30	<2	<2	42	7	7	3900	.25	.06	2.26	.33	.06	.07	1172
S0101401	L16.5N 0+25W	24	17	92	<.4	13	160	<1	10	19	2.27	<2	12	<5	<5	31	3	<2	30	5	12	1445	.25	.07	2.59	.25	.03	.08	999
S0101402	L16.5N 0+50W	12	10	96	<.4	12	87	<1	5	12	1.88	<2	10	<5	<5	23	<2	<2	14	3	4	401	.13	.07	1.87	.14	.03	.06	904
S0101403	L16.5N 0+75W	18	7	313	<.4	17	144	<1	11	14	2.37	<2	11	<5	<5	23	2	<2	33	2	4	1058	.17	.06	2.09	.24	.03	.07	3133
S0101404	L16.5N 1+00W	56	14	151	<.4	22	197	<1	14	16	3.45	<2	10	<5	<5	32	<2	<2	29	3	<2	2715	.16	.04	1.52	.22	.07	.07	1308
S0101405	L16.5N 1+25W	14	9	86	<.4	14	156	<1	7	16	2.04	<2	12	<5	<5	33	2	<2	14	4	6	913	.2	.07	2.04	.13	.03	.06	890
S0101406	L16.5N 1+50W	13	9	50	<.4	23	118	<1	5	12	1.8	<2	11	<5	<5	28	<2	<2	27	5	15	547	.16	.06	2.24	.23	.03	.06	999
S0101407	L16.5N 1+75W	9	7	89	<.4	32	120	<1	4	12	1.54	<2	10	<5	<5	19	<2	<2	21	4	4	663	.14	.05	1.83	.15	.02	.05	1522
S0101408	L16.5N 2+00W	7	8	156	<.4	24	133	<1	5	12	1.43	<2	9	<5	<5	15	<2	<2	13	2	6	550	.13	.04	1.68	.12	.03	.04	1370
S0101409	L16.5N 2+25W	25	8	43	<.4	22	82	<1	5	12	2.15	<2	11	<5	<5	27	<2	<2	20	5	12	347	.16	.05	1.36	.2	.02	.05	483
S0101410	L16.5N 2+50W	4	5	49	<.4	10	110	<1	3	13	1.43	<2	9	<5	<5	20	<2	<2	17	3	5	251	.13	.05	1.68	.12	.03	.04	517
S0101411	L16N 0+00	106	12	80	<.4	23	54	<1	25	24	3.45	<2	11	6	<5	36	2	<2	10	6	8	1559	.23	.05	2.1	.08	.02	.05	1177
S0101412	L16N 0+25W	11	<4	116	<.4	15	103	1	5	8	1.29	<2	4	<5	<5	15	<2	<2	41	3	2	1398	.09	.02	.77	.38	.04	.04	452
S0101413	L16N 0+50W	33	10	85	<.4	38	76	<1	11	16	3.45	<2	11	<5	<5	36	<2	<2	28	5	8	465	.28	.04	3.01	.23	.02	.06	637
S0101414	L16N 0+75W	24	8	237	<.4	22	85	<1	9	16	2.3	<2	9	<5	<5	27	<2	<2	27	2	3	546	.18	.05	1.67	.18	.03	.08	607
S0101415	L16N 1+00W	9	11	308	<.4	15	100	1	5	11	1.69	<2	8	<5	<5	18	<2	<2	16	4	10	472	.15	.04	1.53	.13	.02	.05	428
S0101416	L16N 1+25W	13	9	242	<.4	16	160	1	7	14	2.28	<2	10	<5	<5	22	<2	<2	36	3	4	1106	.21	.04	1.68	.21	.02	.1	820
S0101417	L16N 1+50W	12	8	145	<.4	21	134	<1	5	10	1.57	<2	9	<5	<5	22	<2	<2	30	3	5	960	.14	.04	1.47	.2	.02	.07	800
S0101418	L16N 1+75W	9	5	63	<.4	19	79	<1	4	12	1.77	<2	11	<5	<5	26	<2	<2	26	4	10	703	.2	.05	1.4	.26	.02	.06	299
S0101419	L16N 2+00W	6	12	57	<.4	16	89	<1	6	12	2.08	<2	12	<5	<5	38	2	<2	24	2	6	1054	.27	.04	1.65	.21	.02	.09	306
S0101420	L16N 2+25W	16	24	67	<.4	21	191	<1	7	9	1.99	<2	13	<5	<5	31	<2	<2	52	13	34	2233	.26	.02	1.72	.43	.02	.09	1051
S0101421	L16N 2+50W	25	11	48	<.4	22	81	<1	7	14	2.34	<2	16	<5	<5	38	<2	<2	18	6	16	622	.25	.05	1.9	.19	.02	.06	876
S0101422	TRV4 0+00	4	7	227	<.4	3	121	<1	5	8	1.72	<2	6	<5	<5	21	<2	<2	19	2	6	308	.26	.07	2.4	.15	.02	.08	1818
S0101423	TRV4 0+50	2	<4	448	<.4	3	78	<1	4	7	1.48	<2	5	<5	<5	16	<2	<2	21	2	3	298	.2	.07	2.39	.15	.03	.08	1407
S0101424	TRV4 1+00	7	7	160	<.4	5	138	<1	4	8	1.5	<2	6	<5	<5	20	<2	<2	25	2	10	294	.25	.05	1.47	.21	.02	.09	1460
S0101425	TRV4 1+50	4	4	350	<.4	<2	163	<1	4	7	1.44	<2	5	<5	<5	16	<2	<2	26	3	4	493	.26	.04	1.8	.29	.02	.1	2721

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0101426	TRV4 2+00	4	9	246	<.4	<2	102	<1	4	7	1.59	<2	5	<5	<5	17	2	<2	26	2	3	312	.3	.06	1.78	.3	.02	.1	833
S0101427	TRV4 2+50	8	4	185	<.4	<2	100	<1	5	8	1.76	<2	6	<5	<5	21	<2	<2	36	3	<2	458	.45	.05	1.97	.33	.02	.13	1847
S0101428	TRV4 3+00	5	6	171	<.4	3	117	<1	5	9	1.49	7	6	<5	<5	14	<2	<2	35	2	4	751	.2	.05	2.17	.28	.02	.09	3455
S0101429	TRV4 3+50	10	7	123	<.4	<2	68	<1	4	10	1.59	5	8	<5	<5	23	<2	<2	22	2	<2	350	.29	.05	1.87	.19	.02	.13	1086
S0101430	TRV4 4+00	6	7	99	<.4	2	122	<1	4	8	1.6	<2	6	<5	<5	23	<2	<2	17	3	10	563	.24	.06	1.7	.15	.02	.06	972
S0101431	TRV4 4+50	10	5	77	<.4	<2	116	<1	4	13	1.34	<2	9	<5	<5	19	<2	<2	17	2	7	516	.25	.05	1.57	.1	.02	.08	883
S0101432	TRV4 5+00	6	5	81	<.4	2	133	<1	5	5	1.66	<2	<4	<5	<5	28	2	<2	26	3	4	477	.31	.06	1.85	.19	.02	.1	1310

I-insufficient sample X-small sample E-exceeds calibration C-being checked R-revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

MADMAN MINING INC LTD-X01

Job V01-0271S

L10 / L12 / L13 / L15 / L17 / L17.5 / L18

Report Date 21 JUL 2001

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mn	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	P
		ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	%	%	%	%	%	%	ppm
S0101433	L10N 0+00	23	12	61	<.4	47	115	<1	10	17	2.39	<2	9	<5	<5	22	2	<2	23	3	5	767	0.19	0.05	1.77	0.42	0.03	0.06	768
S0101434	L10N 0+25E	12	8	71	<.4	22	73	<1	5	15	1.77	<2	11	<5	<5	21	3	<2	17	4	5	458	0.16	0.03	2.11	0.45	0.02	0.06	629
S0101435	L10N 0+50E	38	8	82	<.4	31	100	<1	11	18	2.39	<2	12	<5	<5	23	2	<2	24	6	6	776	0.17	0.03	2.55	0.22	0.03	0.05	756
S0101436	L10N 0+75E	25	8	98	<.4	18	120	<1	4	10	1.48	<2	10	<5	<5	14	<2	<2	42	3	7	656	0.14	0.04	2.44	0.43	0.03	0.05	643
S0101437	L10N 1+00E	17	9	127	<.4	35	79	<1	4	15	1.78	<2	7	<5	<5	15	<2	<2	29	7	4	458	0.15	0.07	2.37	0.35	0.02	0.06	645
S0101438	L10N 1+25E	37	9	73	<.4	16	102	<1	5	13	1.69	<2	11	<5	<5	24	2	<2	24	6	9	466	0.16	0.05	2.67	0.26	0.02	0.04	554
S0101439	L10N 1+50E	18	9	91	<.4	41	113	<1	5	13	1.65	<2	11	<5	<5	23	<2	<2	27	4	4	693	0.14	0.06	2.33	0.23	0.02	0.07	753
S0101440	L10N 1+75E	25	11	204	<.4	72	110	<1	18	24	2.70	<2	8	<5	<5	25	2	<2	24	4	5	565	0.12	0.06	2.87	0.22	0.05	0.07	790
S0101441	L10N 2+00E	33	13	94	<.4	51	209	<1	16	18	2.09	<2	11	<5	<5	24	2	<2	34	4	9	345	0.12	0.04	2.05	0.34	0.06	0.04	554
S0101442	L10N 2+25E	17	14	106	<.4	47	176	<1	11	18	2.54	<2	10	<5	<5	27	<2	<2	23	4	8	545	0.23	0.04	1.31	0.27	0.07	0.05	412
S0101443	L10N 2+50E	25	8	92	<.4	60	120	<1	8	15	2.12	<2	8	<5	<5	24	<2	<2	15	5	9	458	0.21	0.06	1.04	0.33	0.05	0.06	720
S0101444	L10N 2+75E	13	9	49	<.4	48	222	<1	17	26	2.89	<2	9	<5	<5	30	<2	<2	31	7	7	843	0.23	0.06	2.43	0.22	0.06	0.08	474
S0101445	L10N 3+00E	18	13	99	0.5	65	247	2	9	13	2.11	<2	9	<5	<5	34	2	<2	22	16	10	488	0.13	0.07	3.13	0.49	0.07	0.09	646
S0101446	L10N 3+25E	12	15	86	<.4	87	184	<1	10	15	2.01	<2	11	<5	<5	22	3	<2	33	15	18	987	0.23	0.06	2.16	0.27	0.04	0.05	950
S0101447	L10N 3+50E	84	12	82	<.4	90	195	1	13	16	2.51	<2	11	<5	<5	22	2	<2	19	4	17	877	0.24	0.04	2.54	0.17	0.03	0.08	768
S0101448	L10N 3+75E	62	20	87	0.6	204	304	4	48	22	3.89	<2	11	<5	5	33	4	<2	44	5	8	883	0.24	0.06	1.51	0.35	0.06	0.05	506
S0101449	L10N 4+00E	40	15	90	0.8	96	221	<1	16	14	3.23	<2	8	<5	<5	41	2	<2	34	9	15	455	0.27	0.04	2.53	0.39	0.05	0.09	645
S0101450	L10N 4+25E	10	10	82	<.4	350	82	<1	8	12	2.19	<2	9	<5	<5	22	2	<2	26	7	2	754	0.22	0.03	2.35	0.45	0.05	0.09	552
S0101451	L10N 4+50E	84	35	156	<.4	320	437	1	11	14	2.50	<2	7	<5	<5	22	<2	<2	118	9	36	556	0.2	0.03	0.88	0.34	0.07	0.07	456
S0101452	L10N 4+75E	76	13	218	<.4	118	143	<1	11	13	2.54	<2	9	<5	<5	23	<2	<2	55	9	6	565	0.43	0.04	1.42	0.54	0.07	0.06	635
S0101453	L10N 5+00E	81	10	210	<.4	110	126	<1	9	11	1.89	<2	11	<5	<5	21	<2	<2	63	6	9	866	0.2	0.07	2.24	0.53	0.08	0.07	450
S0101454	L12N 0+00	20	10	73	<.4	33	97	3	13	12	1.69	<2	11	<5	6	19	3	<2	27	9	13	542	0.18	0.05	2.52	0.42	0.07	0.12	347
S0101455	L12N 0+25E	30	11	42	<.4	34	104	<1	12	11	7.34	<2	13	<5	<5	19	<2	<2	20	9	14	662	0.13	0.06	2.78	0.26	0.03	0.03	585
S0101456	L12N 0+50E	18	13	57	<.4	18	96	<1	29	25	1.25	<2	10	<5	<5	32	3	<2	20	6	7	557	0.13	0.09	2.63	0.29	0.04	0.04	745
S0101457	L12N 0+75E	11	9	92	<.4	26	126	<1	5	9	2.21	<2	14	<5	<5	22	<2	<2	11	14	18	557	0.14	0.06	2.46	0.16	0.05	0.05	645
S0101458	L12N 1+00E	25	14	76	<.4	31	190	<1	5	11	1.27	<2	12	<5	<5	22	2	<2	14	3	7	747	0.15	0.04	1.29	0.25	0.05	0.06	654
S0101459	L12N 1+25E	17	8	96	<.4	41	174	<1	4	6	1.60	<2	14	<5	<5	23	<2	<2	12	9	10	443	0.13	0.03	1.79	0.25	0.06	0.08	564
S0101460	L12N 1+50E	36	8	67	<.4	33	72	<1	5	13	1.49	<2	11	<5	<5	19	<2	<2	17	3	9	467	0.13	0.02	2.06	0.31	0.03	0.05	474
S0101461	L12N 1+75E	16	7	154	<.4	47	278	<1	9	10	2.15	<2	9	<5	<5	17	<2	<2	15	2	7	874	0.14	0.06	2.32	0.42	0.02	0.06	845
S0101462	L12N 2+00E	9	11	79	<.4	46	100	<1	19	16	2.59	<2	8	<5	<5	16	<2	<2	24	5	6	563	0.13	0.05	2.91	0.32	0.05	0.08	546
S0101463	L12N 2+25E	22	9	116	<.4	40	137	<1	11	20	2.04	<2	9	<5	<5	21	<2	<2	23	5	4	544	0.17	0.06	2.41	0.22	0.02	0.07	554
S0101464	L12N 2+50E	42	9	91	<.4	59	151	<1	7	15	2.70	4	11	<5	7	22	<2	<2	22	3	4	525	0.16	0.07	1.59	0.32	0.03	0.06	668
S0101465	L12N 2+75E	30	13	80	<.4	67	148	<1	10	19	2.50	<2	13	<5	<5	30	3	<2	11	5	6	874	0.14	0.05	2.78	0.31	0.02	0.06	534

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	P
		ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	%	%	%	%	%	%	ppm
S0101466	2N 3+00E	26	9	98	<.4	90	112	<1	11	20	2.41	<2	11	<5	<5	27	2	<2	29	3	5	773	0.21	0.04	3.15	0.59	0.06	0.04	469
S0101467	2N 3+25E	16	10	114	0.5	97	132	<1	9	19	2.26	<2	13	<5	<5	26	2	<2	19	5	4	752	0.21	0.04	2.65	0.22	0.03	0.06	748
S0101468	2N 3+50E	74	9	127	<.4	89	176	<1	7	20	1.87	<2	12	<5	<5	25	<2	<2	16	5	3	577	0.16	0.05	2.53	0.24	0.02	0.08	663
S0101469	2N 3+75E	9	11	135	<.4	108	78	<1	7	12	1.79	<2	11	<5	<5	24	<2	<2	24	2	<2	952	0.17	0.06	2.85	0.21	0.04	0.09	689
S0101470	2N 4+00E	96	8	142	<.4	228	139	<1	8	14	1.39	<2	10	<5	<5	22	2	<2	15	5	6	1161	0.17	0.07	2.6	0.76	0.02	0.07	643
S0101471	2N 4+25E	37	8	189	<.4	134	103	<1	9	10	2.15	<2	8	<5	<5	14	2	<2	20	<2	6	772	0.25	0.07	1.55	0.55	0.03	0.06	635
S0101472	2N 4+50E	56	7	130	<.4	149	166	<1	11	15	1.70	<2	10	<5	<5	24	<2	<2	26	3	4	769	0.17	0.08	1.95	0.32	0.06	0.04	680
S0101473	2N 4+75E	82	6	178	<.4	312	140	1	10	13	1.18	<2	9	<5	<5	22	<2	<2	25	6	3	557	0.17	0.09	1.41	0.24	0.07	0.05	945
S0101474	2N 5+00E	18	6	145	<.4	206	146	<1	12	11	2.09	<2	8	<5	<5	25	<2	<2	23	2	3	729	0.24	0.06	1.31	0.18	0.02	0.06	1121
S0101475	3N 0+00	18	15	49	<.4	12	79	1	20	20	3.11	<2	13	<5	<5	17	<2	<2	33	7	8	340	0.15	0.07	2.56	0.32	0.05	0.08	682
S0101476	3N 0+25W	12	16	56	<.4	16	272	<1	13	19	3.02	<2	11	<5	<5	33	3	<2	40	5	8	875	0.15	0.05	2.42	0.21	0.06	0.09	765
S0101477	3N 0+50W	15	9	82	<.4	18	172	<1	11	12	2.33	<2	11	<5	<5	31	<2	<2	32	3	12	462	0.33	0.06	2.4	0.14	0.03	0.08	745
S0101478	3N 0+75W	34	7	68	<.4	25	153	<1	13	14	1.93	<2	13	<5	<5	36	2	<2	31	2	4	875	0.27	0.07	1.42	0.24	0.03	0.07	764
S0101479	3N 1+00W	26	13	78	<.4	14	135	<1	12	16	2.44	<2	12	<5	<5	42	<2	<2	22	3	12	543	0.11	0.05	2.24	0.18	0.04	0.04	548
S0101480	3N 1+25W	16	8	90	<.4	21	122	<1	6	16	3.55	<2	12	<5	<5	33	2	<2	19	4	6	575	0.23	0.06	1.44	0.23	0.04	0.05	475
S0101481	3N 1+50W	35	8	97	<.4	18	138	<1	5	12	2.10	<2	10	<5	<5	22	<2	<2	25	5	15	444	0.20	0.06	1.34	0.24	0.04	0.06	649
S0101482	3N 1+75W	21	6	129	<.4	39	157	<1	5	12	1.86	<2	14	<5	<5	21	<2	<2	24	4	4	545	0.15	0.06	2.83	0.24	0.06	0.06	545
S0101483	3N 2+00W	27	7	178	<.4	41	163	<1	7	12	1.58	<2	10	<5	<5	24	<2	<2	23	<2	6	754	0.14	0.05	2.65	0.41	0.08	0.06	640
S0101484	3N 2+25W	24	7	167	<.4	78	89	<1	13	12	1.47	<2	10	<5	<5	26	<2	<2	17	4	9	464	0.15	0.05	1.36	0.33	0.08	0.05	643
S0101485	3N 2+50W	31	4	143	<.4	54	170	4	5	13	2.21	<2	11	<5	<5	21	<2	<2	13	4	5	322	0.12	0.07	1.68	0.55	0.02	0.05	564
S0101486	3N 2+75W	15	5	114	<.4	61	97	<1	6	17	1.47	<2	9	<5	<5	22	<2	<2	26	6	6	454	0.17	0.09	1.73	0.22	0.03	0.07	476
S0101487	3N 3+00W	27	6	93	<.4	74	78	<1	6	15	3.55	<2	8	<5	<5	24	<2	<2	28	4	6	476	0.15	0.04	2.14	0.24	0.03	0.05	1245
S0101488	3N 3+25W	51	9	96	<.4	87	145	<1	5	18	1.32	<2	8	<5	<5	25	<2	<2	19	3	8	856	0.21	0.08	1.76	0.22	0.04	0.04	467
S0101489	3N 3+50W	14	13	96	<.4	73	121	<1	12	10	3.55	<2	11	<5	<5	26	<2	<2	22	2	4	467	0.25	0.04	1.65	0.25	0.02	0.05	336
S0101490	3N 3+75W	82	4	112	0.6	88	112	<1	11	15	2.39	<2	11	<5	<5	41	<2	<2	23	6	8	685	0.21	0.06	1.35	0.54	0.02	0.04	560
S0101491	3N 4+00W	45	7	78	<.4	114	132	<1	5	13	1.74	<2	12	<5	<5	25	<2	<2	25	4	9	679	0.23	0.05	1.43	0.49	0.04	0.05	755
S0101492	3N 4+25W	71	9	190	<.4	159	176	<1	11	13	2.34	<2	9	<5	<5	22	<2	<2	24	4	9	853	0.26	0.09	2.1	0.37	0.04	0.08	864
S0101493	3N 4+50W	65	8	161	0.7	250	78	<1	4	24	1.61	<2	11	<5	<5	23	<2	<2	27	2	7	494	0.24	0.04	3.13	0.66	0.03	0.07	887
S0101494	3N 4+75W	76	8	206	0.4	190	139	<1	13	18	1.82	<2	12	<5	<5	24	<2	<2	25	<2	5	857	0.16	0.08	2.36	0.73	0.03	0.06	563
S0101495	3N 5+00W	17	6	91	<.4	175	103	<1	5	18	2.14	<2	13	<5	<5	19	3	<2	25	4	6	745	0.18	0.07	1.65	0.39	0.04	0.07	556
S0101496	3N 5+25W	23	11	172	<.4	280	146	<1	5	15	2.04	<2	13	<5	<5	16	<2	<2	32	2	7	752	0.12	0.07	2.17	0.47	0.03	0.04	434
S0101497	5N 0+00	9	10	155	<.4	18	157	<1	21	26	2.41	<2	11	<5	<5	23	<2	<2	26	4	8	537	0.21	0.06	2.23	0.24	0.04	0.06	575
S0101498	5N 0+25W	13	8	90	<.4	20	122	<1	16	13	1.77	<2	12	<5	<5	24	<2	<2	28	7	7	653	0.22	0.05	2.21	0.25	0.04	0.05	554
S0101499	5N 0+50W	11	9	75	<.4	22	118	3	11	15	1.52	<2	13	<5	<5	27	<2	<2	42	5	3	584	0.25	0.05	1.23	0.12	0.02	0.06	545
S0101500	5N 0+75W	32	7	67	0.4	19	172	<1	8	16	1.56	<2	12	<5	<5	31	<2	<2	43	5	8	377	0.28	0.08	2.32	0.53	0.02	0.08	456
S0101501	5N 1+00W	29	5	83	0.4	94	145	<1	17	22	1.48	<2	9	<5	<5	30	4	<2	17	4	5	1142	0.17	0.03	2.23	0.39	0.03	0.08	654

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Si	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	P
		ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	%	%	%	%	%	%	ppm
S0101502	5N 1+25W	19	13	110	<.4	16	156	<1	9	14	1.63	<2	8	<5	<5	33	<2	<2	24	4	6	343	0.16	0.06	2.14	0.73	0.04	0.05	533
S0101503	5N 1+50W	14	7	92	<.4	20	161	<1	10	12	1.81	<2	10	<5	<5	27	<2	<2	31	3	9	543	0.15	0.04	2.86	0.63	0.02	0.06	445
S0101504	5N 1+75W	20	10	116	<.4	28	132	<1	23	17	1.53	<2	8	<5	<5	26	<2	<2	19	2	4	447	0.17	0.06	1.97	0.43	0.02	0.07	634
S0101505	5N 2+00W	39	17	148	<.4	30	56	<1	28	15	1.63	<2	9	<5	<5	25	<2	<2	25	3	3	574	0.23	0.08	2.32	0.47	0.04	0.09	346
S0101506	5N 2+25W	19	5	178	<.4	41	154	<1	16	18	1.67	<2	10	<5	<5	27	<2	<2	33	5	8	479	0.21	0.07	2.32	0.34	0.03	0.05	454
S0101507	5N 2+50W	10	9	184	<.4	40	78	<1	8	10	2.24	<2	12	<5	<5	25	2	<2	32	4	8	865	0.24	0.04	1.2	0.64	0.02	0.06	666
S0101508	5N 2+75W	28	8	99	<.4	39	111	<1	11	15	1.71	<2	8	<5	<5	23	<2	<2	32	5	6	685	0.26	0.06	1.24	0.53	0.02	0.08	535
S0101509	5N 3+00W	34	7	112	<.4	96	122	<1	12	13	1.72	<2	10	<5	<5	24	<2	<2	30	2	8	456	0.22	0.05	1.75	0.22	0.33	0.06	366
S0101510	5N 3+25W	15	11	86	<.4	72	146	<1	14	13	2.24	<2	10	<5	<5	26	<2	<2	27	3	6	557	0.28	0.05	1.25	0.52	0.03	0.07	420
S0101511	5N 3+50W	46	13	42	<.4	48	40	<1	13	24	2.14	<2	10	<5	<5	24	<2	<2	24	3	3	698	0.23	0.03	1.68	0.29	0.03	0.06	563
S0101512	5N 3+75W	37	9	135	<.4	119	46	<1	12	18	2.44	<2	6	<5	<5	23	<2	<2	21	5	5	1125	0.31	0.04	1.97	0.37	0.02	0.05	552
S0101513	5N 4+00W	42	4	176	<.4	240	88	<1	9	18	1.64	<2	10	<5	<5	19	2	<2	24	5	7	1764	0.19	0.04	2.1	0.67	0.02	0.06	436
S0101514	5N 4+25W	65	9	204	<.4	116	163	<1	8	15	1.59	<2	11	<5	<5	24	<2	<2	27	3	5	445	0.22	0.05	1.74	1.19	0.03	0.09	453
S0101515	5N 4+50W	16	9	164	<.4	312	142	<1	5	26	1.48	<2	12	<5	<5	25	<2	<2	34	5	4	545	0.2	0.06	1.55	0.49	0.03	0.07	543
S0101516	5N 4+75W	51	7	198	<.4	246	232	2	7	13	1.84	<2	8	<5	<5	24	<2	<2	31	6	7	269	0.24	0.06	1.67	0.15	0.04	0.06	344
S0101517	5N 5+00W	91	13	118	<.4	212	145	<1	6	15	1.36	<2	9	<5	<5	27	<2	<2	22	3	8	436	0.18	0.05	1.95	0.42	0.05	0.05	634
S0101518	5N 5+25W	9	6	78	<.4	118	163	<1	5	16	1.55	<2	12	<5	<5	33	<2	<2	25	5	4	458	0.2	0.04	1.57	0.33	0.02	0.09	543
S0101519	5N 5+50N	14	6	96	<.4	96	133	<1	10	22	1.45	<2	14	<5	<5	32	<2	<2	26	6	2	653	0.11	0.04	1.67	0.23	0.02	0.04	534
S0101520	7N 0+00	11	8	115	<.4	17	161	<1	15	14	1.63	<2	12	<5	<5	30	2	<2	13	4	8	648	0.23	0.04	1.87	0.32	0.03	0.04	856
S0101521	7N 0+25W	34	8	312	<.4	11	126	1	13	12	1.66	<2	9	<5	<5	18	<2	<2	37	4	8	655	0.14	0.04	1.77	0.25	0.02	0.05	472
S0101522	7N 0+50W	12	12	200	<.4	13	129	<1	11	14	3.45	<2	8	<5	<5	33	<2	<2	29	6	6	457	0.22	0.05	2.21	0.33	0.03	0.06	457
S0101523	7N 0+75W	92	7	180	<.4	20	154	<1	9	13	2.18	<2	10	<5	<5	24	<2	<2	23	3	6	664	0.27	0.06	2.21	0.48	0.03	0.07	557
S0101524	7N 1+00W	21	13	98	<.4	14	133	1	5	11	1.89	<2	8	<5	<5	18	<2	<2	21	3	9	554	0.23	0.06	2.37	0.23	0.02	0.07	778
S0101525	7N 1+25W	9	5	85	<.4	16	116	1	7	14	2.17	<2	9	<5	<5	22	<2	<2	33	5	9	765	0.33	0.05	1.86	0.21	0.02	0.08	974
S0101526	7N 1+50W	24	7	93	<.4	15	142	<1	5	10	1.66	<2	8	<5	<5	23	<2	<2	27	3	15	954	0.24	0.04	2.34	0.40	0.03	0.03	606
S0101527	7N 1+75W	10	6	80	<.4	19	98	<1	13	12	1.98	<2	11	<5	<5	23	<2	<2	24	2	11	506	0.25	0.04	2.32	0.23	0.03	0.04	565
S0101528	7N 2+00W	16	11	90	<.4	22	114	<1	6	12	2.05	<2	10	<5	<5	35	2	<2	24	2	15	865	0.23	0.05	2.43	0.32	0.03	0.05	553
S0101529	7N 2+25W	18	23	72	<.4	31	145	<1	7	9	2.11	<2	9	<5	<5	31	<2	<2	31	5	17	235	0.22	0.03	2.72	0.23	0.04	0.06	751
S0101530	7N 2+50W	31	12	56	<.4	25	157	<1	7	14	2.13	<2	16	<5	<5	34	<2	<2	27	9	9	532	0.24	0.03	3.18	0.39	0.02	0.07	476
S0101531	7+5N 0+00	128	8	47	<.4	16	112	<1	5	8	1.77	<2	11	<5	<5	27	<2	<2	36	6	7	552	0.19	0.04	2.69	0.35	0.03	0.05	518
S0101532	7+5N 0+25W	18	4	55	<.4	15	110	<1	4	7	1.69	<2	5	<5	<5	19	<2	<2	23	6	5	598	0.15	0.06	1.39	0.25	0.04	0.06	497
S0101533	7+5N 0+50W	25	8	75	<.4	20	109	<1	11	8	1.78	<2	9	<5	<5	20	<2	<2	24	4	15	594	0.15	0.03	2.47	0.22	0.02	0.06	664
S0101534	7+5N 0+75W	16	5	96	<.4	19	83	<1	10	7	1.54	<2	5	<5	<5	16	<2	<2	25	5	11	496	0.16	0.03	2.8	0.22	0.02	0.09	551
S0101535	7+5N 1+00W	86	10	72	<.4	22	79	<1	4	7	1.46	<2	7	<5	<5	18	2	<2	20	11	9	343	0.19	0.06	2.57	0.31	0.03	0.11	433
S0101536	7+5N 1+25W	8	5	118	<.4	23	198	1	5	8	1.63	<2	11	<5	<5	28	2	2	33	5	6	1455	0.25	0.05	2.97	0.16	0.03	0.12	745
S0101537	7+5N 1+50W	12	7	98	<.4	16	147	<1	5	9	1.69	7	7	<5	<5	16	2	2	36	2	6	1644	0.17	0.04	1.45	0.18	0.04	0.11	545

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	P
		ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Ppm	ppm	ppm	%	%	%	%	%	%	ppm
S0101538	7+5N 1+75W	14	8	80	<.4	38	118	<1	4	10	2.13	5	9	<5	<5	24	<2	<2	25	2	6	367	0.19	0.04	2.87	0.29	0.02	0.09	453
S0101539	7+5N 2+00W	21	8	103	<.4	35	78	<1	4	8	1.71	<2	9	<5	<5	23	<2	<2	14	5	17	646	0.15	0.07	2.43	0.25	0.02	0.07	472
S0101540	7+5N 2+25W	27	6	87	<.4	22	76	<1	4	13	1.77	<2	11	<5	<5	17	<2	<2	12	2	17	446	0.15	0.06	2.43	0.19	0.03	0.07	754
S0101541	7+5N 2+50W	20	6	62	<.4	24	113	<1	5	5	2.06	<2	<4	<5	<5	27	2	<2	24	5	4	865	0.21	0.06	2.46	0.31	0.02	0.06	456
S0101542	8N 0+00	22	9	63	<.4	11	82	1	6	8	2.75	<2	11	<5	<5	23	2	<2	26	3	6	558	0.16	0.06	1.53	0.26	0.05	0.11	564
S0101543	8N 0+25W	23	6	42	<.4	12	144	<1	4	6	2.27	<2	8	<5	<5	26	<2	<2	19	5	7	765	0.17	0.06	1.54	0.23	0.06	0.07	455
S0101544	8N 0+50W	16	9	82	<.4	12	89	<1	4	9	1.65	<2	6	<5	<5	26	<2	<2	31	4	5	407	0.15	0.05	2.34	0.25	0.07	0.06	766
S0101545	8N 0+75W	10	7	110	<.4	12	67	<1	3	12	1.69	<2	12	<5	<5	34	<2	<2	36	5	8	543	0.18	0.06	3.45	0.34	0.05	0.02	835
S0101546	8N 1+00W	31	11	56	<.4	20	94	<1	7	19	1.48	<2	9	<5	<5	38	<2	<2	26	3	9	844	0.19	0.07	1.98	0.33	0.06	0.02	562
S0101547	8N 1+25W	33	7	90	<.4	11	111	<1	8	3	1.21	<2	9	<5	<5	41	<2	<2	23	3	11	845	0.11	0.06	2.23	0.23	0.03	0.06	656
S0101548	8N 1+50W	14	9	43	<.4	10	97	<1	6	9	1.97	<2	7	<5	<5	27	<2	<2	23	5	15	669	0.15	0.06	2.34	0.25	0.03	0.02	398
S0101549	8N 1+75W	54	6	86	<.4	17	89	<1	6	8	1.77	<2	11	<5	<5	25	2	<2	32	3	6	1433	0.10	0.04	2.43	0.13	0.04	0.03	597
S0101550	8N 2+00W	36	6	57	<.4	19	87	<1	5	11	1.65	<2	10	<5	<5	23	<2	<2	17	5	3	664	0.23	0.08	2.48	0.14	0.12	0.08	656
S0101551	8N 2+25W	18	7	71	<.4	22	93	<1	10	12	1.68	<2	9	<5	<5	22	<2	<2	26	2	8	553	0.18	0.09	1.84	0.25	0.03	0.08	743
S0101552	8N 2+50W	10	7	86	<.4	23	142	<1	9	14	1.69	<2	9	<5	<5	31	<2	<2	19	2	9	343	0.22	0.05	1.74	0.35	0.09	0.03	543

I- insufficient sample X-small sample E-exceeds calibration C-being checked R-revised

If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia (rocks).