TECHNICAL REPORT

Tanner 1-8 claims
Mayo Mining District
Yukon Territories

Within the framework of the
YUKON MINING INCENTIVES PROGRAM

TARGET DEFINITION MODULE
02-051

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INTRODUCTION

During the summer of 2002, A two hole, helicopter supported diamond drilling program was conducted by Manson Creek Resources Ltd. on behalf of Anne Bordeleau on the Tanner 1-8 claims of the Mayo Mining district, Yukon territories. The objective of the program were to evaluate the geological context of the Tanner claims with respect to potential economic massive sulphide exhalative systems of the SEDEX or VMS class. The work was based on previously conducted mapping, sampling and airborne geophysical surveys which indicated a favorable environment for the type of deposit sought.

Drilling allowed for the identification of significant new lithological units such as significant synsedimentary breccias as well as bedded barite occurrences. Although no economic sections of mineralization were encountered, the 2002 drilling confirmed that the property is underlain by geology which has potential to host blind massive sulphide bodies with potentially economic grades of base and possibly precious metals.

1) Project Location

The Tanner Property consists of 8 claims duly located and recorded in the Mayo Mining District of the Yukon Territories. The claims were staked by Anne Bordeleau in August of 2000 and are all located on NTS map sheet 106/C 3.

Table 1: List of claims

Claim Name	Grant Number	Expiry date
Tanner 1	YC02343	August 10/2006
Tanner 2	YC02344	August 10/2006
Tanner 3	YC02345	August 10/2006
Tanner 4	YC02346	August 10/2006
Tanner 5	YC02347	August 10/2006
Tanner 6	YC02348	August 10/2006
Tanner 7	YC02349	August 10/2006
Tanner 8	YC02350	August 10/2006

A claim map obtained online from the Mayo Mining Recorder Office on February 14th, 2002 is included as Figure 1.

The Tanner property is located within the Southern Wernecke Mountains of the Yukon Territory. The area is characterized by wide U shaped drift filled valleys and deeply cut V shaped upland valleys. Peaks in the area average 1500 meters ASL in elevation and rise fairly abruptly from the major valleys.

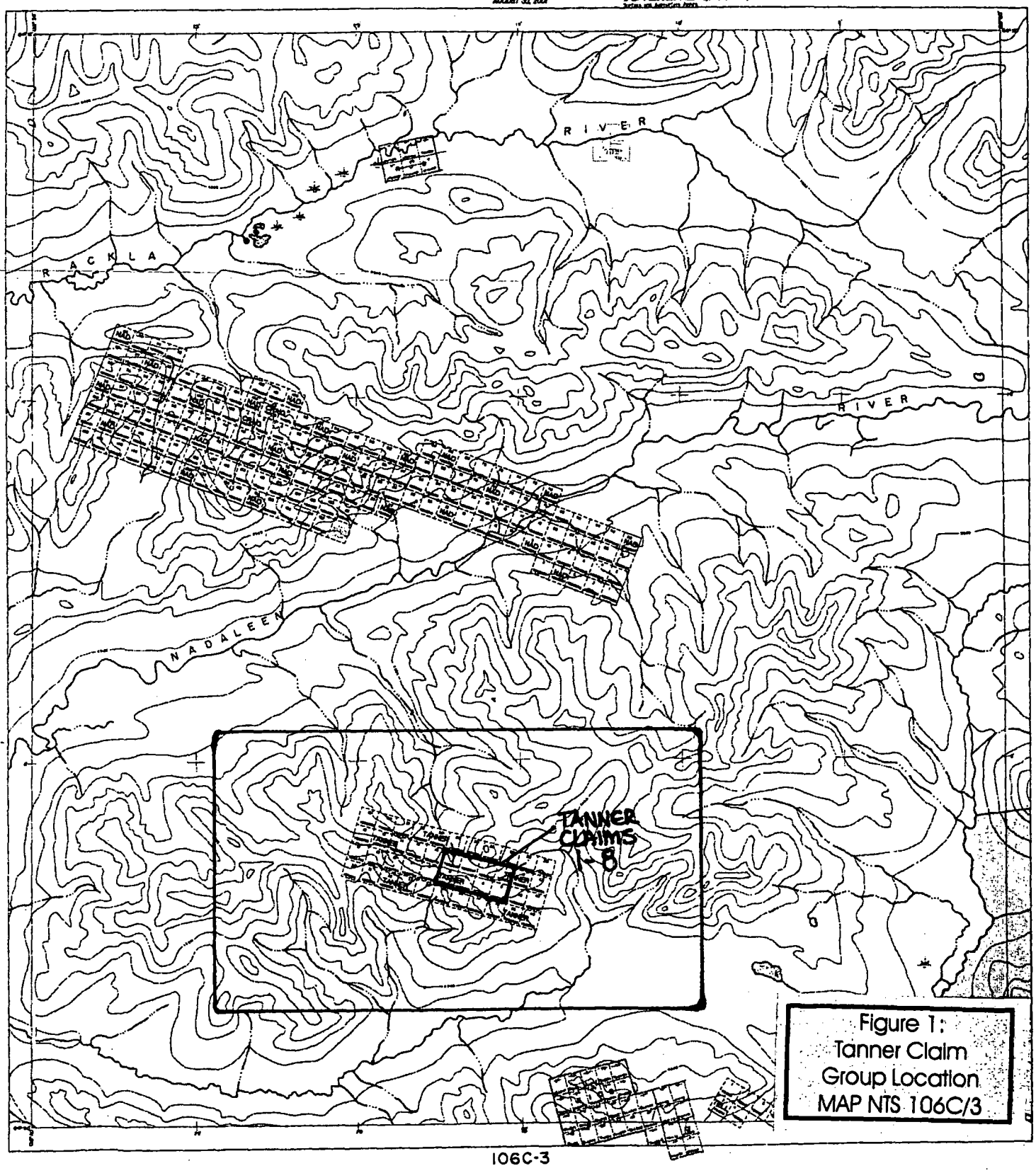


Figure 1:
Tanner Claim
Group Location
MAP NTS 106C/3

2) Access

Access to the properties is by helicopter either from Whitehorse (400 Km), Mayo (110 KM) or from the Rackla Airstrip (18 KM) where Manson Creek Resources Ltd. maintains a summer field camp and staging area accessible by fixed wing aircraft.

Whitehorse is the nearest populated center out of which logistical support for the property is available. There is no local infrastructure that could support a mining operation, the closest mining operations, currently inactive, are located at Elsa, some 70 Km to the south west.

3) Exploration target

a) Commodities/minerals

Although the general area has historically (1970's and 1980's) been the focus of limited grassroots exploration aimed at discovering carbonate hosted silver-lead-zinc mineralization, resulting in the discovery of the Craig, Val and Vera occurrences, recent work has focused on discovering further Marg style polymetallic VMS mineralization within Earn Group shales or equivalent stratigraphy to the East of the Marg occurrence. The Marg deposit is a VMS deposit with a reported geological resource of 6.092 Million tones grading 1.76% Copper, 2.46% Lead, 4.6% Zinc , 62.7 grams/tonne Silver and 1.0 grams/tonne Gold (source: Yukon mineral property update, January 2000, Mineral Resource Branch, Yukon Government).

b) Deposit type and geology

The Marg deposit, upon which the exploration model is based in this case, occurs within Earn Group shales at a transition between black shales and quartz-sericite schists interpreted to represent metamorphosed felsic volcanic rocks (flows or tuffs). It is believed that the Marg deposit was formed as a product of hydrothermal activity during a period of waning volcanism and transition from a devono-mississipian volcanic episode to a predominantly sedimentary regime leading to the formation of an extensive black shale package (Regional setting, structure, and zonation of the Marg volcanogenic massive sulphide deposit, Yukon, Turner and Abbot, Current Research, Part E, GSC paper 90-1E, 1990).

The deposit consists of a folded or stacked lenses of pyrite dominated (to 90%) massive sulphides with thicknesses ranging from 30 cm to 7 meters, locally interbedded with carbonaceous metacherts and quartz-sericite schists.

There are no expressions of massive sulphides at surface as weathering (oxidation) of the massive sulphide lenses reportedly occurred to a depth of some 20 meters. Importantly, a transported gossan occurs in a creek draining the deposit.

The host stratigraphy and ore horizons at Marg are widely recognized to be affected by two folding events which generally have an east-west trending axial planar trace.

According to Sangster (1980b) the average VMS district contains an average of some 12 deposits and a cumulative 94 million tonnes of ore over an average area of some 850 square Km (Sangster, D. F. , 1980b, Quantitative characteristics of volcanogenic massive sulphide deposits in volcanic centers: Canadian Institution of Mining and Mettalurgy, Bulletin, v. 73, p.74-81.). It can therefore be considered highly likely that further VMS style mineralization may be found within the Earn Group shales or its lateral equivalents in close proximity to the Marg deposit.

Furthermore, the Marg deposit is classified as a NORANDA/KUROKO VMS deposit (Yukon Geology Program website> Selwyn Basin> Marg>deposit types), a class of deposit which although often of modest size is known to include such world class deposits as the Kidd Creek deposit of Ontario.

Other significant deposits in similar stratigraphic settings as that of the Tanner Property include deposits such as those of the Howard's Pass area, Alaska's Red Dog and the Selwyn Basin's Faro, Tom and Jason SEDEX Style deposits.

Evidence of significant exhalative activity has been outlined on the property to date. It is still unclear whether this hydrothermal activity is associated to a potentially economic massive sulphide ore deposit and the final classification of such a deposit, if it is to be found, will depend on the amount of volcanic rocks present in the system. In all likelihood, given the exposed volcanic stratigraphy on the NAD Property 8 km to the north of the Tanner Property, the system will ultimately be found to be somewhat transitional in nature within the VMS to SEDEX continuum.

4) Previous work conducted on the Property

Previous work on the Tanner claims include limited regional scale helicopter supported stream sampling carried out by Manson Creek Resources in 1998. Although no particular geochemical response corresponding to VMS style mineralization was identified (combination of Cu, Zn, Pb +/- Ag), a very significant transported gossan was observed at the head of an unnamed creek in the area that was to become the Tanner Property.

An orientation study of stream sediment samples and pan concentrates conducted by Manson Creek in 1998 outlined the fact that stream sediment results were strongly influenced by the presence of discrete grains of metal bearing minerals (physical weathering) and that chemical transport was not an overriding consideration under the climatic and physiographic regimes of the target area. As such, mineralization which does not outcrop or that has not been eroded directly within the hydrological network is not expected to have a discrete signature in the region.

The Tanner Property was staked in the summer of 2000 by Anne Bordeleau who conducted further grab sampling, hand trenching and limited mapping. Manson Creek Resource personnel carried out a property visit and small scale reconnaissance program in 2000 and conducted some larger scale mapping in the area as well as further grab

sampling and water sampling. Sampling results at surface to date have in no instance outlined the presence of potentially economic mineralization.

Results from the work performed in the summer of 2000 indicated that black shales, minor volcanic units, carbonaceous and graphitic shales with cherty intervals were widely present on the property. All units are isoclinally folded along a roughly east-west axial plane direction (110^0) with further, minor scale north-south folding occurring in the area.

Two further transported gossan occurrences were discovered in 2000 by Anne Bordeleau and Manson Creek resources. The gossans do not originate from any units exposed at surface and are created by redeposition of iron oxides transported from an unexposed source by groundwater. The gossanous seeps have specific point sources and the water from those seeps is highly anomalous in zinc, nickel and manganese (less so in copper, cobalt and cadmium). No significant occurrences of sulphide minerals have been observed on the well exposed units found at surface and the few sulphide bands observed in the laminated shales show no trace of oxidation. It is therefore deduced that larger masses of oxidizing sulphides may be present in units located stratigraphically below what is seen at surface.

All three occurrences occur at roughly the same stratigraphic position within the shale package over a distance of some 2.5 kilometers and in two instances, bedded barite is observed near the gossanous seep point sources. Bedded barite is known to occur in association with many syngenetic SEDEX or VMS style massive sulphide occurrences in the Selwyn basin such as the Jason, Tom, Cirque, MM, Grum, Faro and Wolf deposits. The absence of barite at Marg is noted as an anomaly in this context. The importance of barite in terms of the exploration model is that it often occurs as a late phase hydrothermal expression of the same systems that are responsible for the introduction of metals in massive sulphide orebodies and is often located stratigraphically above sulphide horizons within one given system.

Mapping some 8 kilometers to the north of the Tanner property (on Manson Creek's Nad claims) indicated that the stratigraphy underlying the shale package may consist of volcanic units. A volcanic sequence consisting predominantly of basalts with minor felsic components as well as ultramafic flows (komatiitic units) has been mapped to the north and the sequences are considered correlateable. As such, it can be expected that unexposed volcanic strata may be present under the Tanner shales. The interface between the predominantly volcanic and predominantly sedimentary sequences in this context may be considered a prospective horizon for discovery of VMS style massive sulphides.

As no sulphide occurrences were noted at surface as causative sources for the Tanner gossans, the area was included in the 2001 airborne geophysical coverage instigated by Manson Creek Resources. A block roughly 4 by 3 kilometers was flown at 200 meter line spacing using a helicopter flown FUGRO system running high resolution Magnetic, electromagnetic (EM) and radiometric surveys. The block was centered on the Tanner 1-8 claims where gossans had previously been noted.

The airborne coverage highlighted a zone of strong conductivity across some 4.4 Km in length which remains open at both ends of the survey area. Resistivity contours indicate widths of 100 to 400 meters for the conductive corridor. A well defined linear magnetic low occurs along the zone of high conductivity. Resistivity values on all frequencies are consistent with published values for known massive sulphide deposits (Ascough, G.L., Geophysical Characteristics of Volcanogenic Massive Sulphide Deposits, *in* Geophysics in mineral exploration: Fundamentals and case histories, GAC short course notes volume 14). The strongest individual conductors identified within this corridor by the survey occur in the vicinity of the eastern and middle gossans. Graphite is known to occur locally in the shales but the presence of the large gossans and their point sources along a linear trend within the conductive corridor highlights the possibility that non-magnetic sulphides may be present at shallow depths. Graphite is also documented in association with the Marg massive sulphide mineralization and therefore, its presence is not considered a detriment in the interpretation of the survey results. Furthermore, the shale package has been mapped at surface over an area that is much more extensive than the conductive area as indicated on the airborne survey, indicating that the conductivity per say is not a function of the presence of ubiquitously conductive shales but that it is related to specific areas (and possibly to mineralization) within the shale package.

5) 2002 work program

Objectives

The objective of the 2002 work program was to determine whether a source could be identified for both the airborne and ground conductivity anomaly as well as a shallow sulphide source responsible for gossan formation near the head of gossanous creeks.

Methodology

A ground grid was established with non-slope corrected picket fences perpendicular to the trace of the airborne geophysical anomaly. Base line orientation was along the axis of eth fold, trending 110 degrees. The grid was then partially surveyed with both magnetics and EM instruments over a total of 8 line kilometers for Mag and 6.5 line kilometers for EM (Table 2). Picket lines were put in 100 meters apart along a 2.5 Km baseline. Geophysical Surveying was conducted by Aurora Geosciences of Whitehorse.

Table 2

Type Instrument	Total Line Km	Total Stations	Spacing (along line)
HLEM:Apex Parametrics MaxMinI-9	4.06	205	20 m
GEM magnetometer	5.2	507	10 m

Two diamond drill holes were drilled into the axis of the airborne/ground geophysical conductivity anomaly which covers the span of the property. As drilling was conducted

along the interpreted trace of an anticlinal feature, drilling was conducted to test both limbs of the fold and therefore one hole was drilled to the south and the second one, some 750 meters to the east, was drilled towards the north. All drilling was conducted by Caron Drilling of Whitehorse using a light, helicopter portable Craelius drill rig which did not necessitate extensive drill site preparation. Drill hole information and statistics are outlined in table 3.

TABLE 3

Drill hole #	UTM East	UTM north	Azimuth	Angle	Total Depth
T-01-02	583815	7104676	210	-45	153 m
T-02-02	584364	7104153	030	-45	153 m

All core was flown out to the Rackla Airstrip Camp operated by Manson Creek Resources Ltd. where it was logged, sampled and stored using existing core storage facilities.

Drilling on the Tanner Property started on June 18th and ended on June 28th, 2002.

Results

The 2002 Summer program was successful in identifying potential sources for the airborne geophysical conductivity anomaly and sulphide sources responsible for gossan formation at shallow depths. The program was also successful in identifying new—— lithological units which support the interpretation that a potentially significant SEDEX or VMS style system may be present on the property and that further exploration is warranted within the system.

The geophysical survey undertaken on the Property outlined the conductor and allowed for reference in the field to be established through the use of a marked picket grid. Ground geophysics outlined a broad conductor which forks out to the east of the survey area, perhaps a function of the underlying fold geometry. Analysis of the geophysical data outlined a slight dip of the conductor to the south which was interpreted as a slight dip of the fold axis to the south. This was confirmed through an analysis of core/bedding relationships during core logging.

A series of plan maps showing plotting of the geophysical results on a topographical base showing claim and drill hole locations is included in appendix 1.

Two drill holes were completed in 2002. The first tested the conductor within 100 meters of gossanous seeps originating from shale stratigraphy and responsible for gossan formation. The second hole tested the conductor some 750 meters to the south east of the first hole.

In both drill holes, a sequence of grey to black graphitic shales characterized by abundant millimeter to centimeter scale massive pyrite laminaes which locally grade into semi-

massive sulphide intersections over a few meters was encountered A coarse, conformable polymictic synsedimentary breccia unit was found to underlain the shales in both drill holes Drilling was stopped within this unit in the first hole The breccia unit was found to be underlain by further black, locally graphitic shales and a thick section of bedded laminated barite with minor pyrite in the second hole Summary Drill logs are provided in Table 4

Table 4
Summary Drill Logs

DDH T-01-01

FROM (m)	TO (m)	Lithology	Intersection	Comments
0	30 48	Graphitic argillite	30 48	Minor pyrite beds
30 48	38 1	Argillites, pyrite	7 62	30% pyrite, locally 60-70% pyrite, Minor Ba
38 1	127 4	Argillites, mudstones	89 3	Minor pyrite beds
127 4	153	Synsedimentary Breccia	25 6	Locally up to 70% pyrite

DDH T-02-02

FROM (m)	TO (m)	Lithology	Intersection	Comments
0	32 9	Graphitic argillite	32 9	Minor pyrite beds
32 9	35 05	Argillites, pyrite	2 15	30% pyrite, locally 60-70% pyrite, Minor Ba
35 05	73 6	Argillites, mudstones	38 55	Minor pyrite beds
73 6	109 4	Synsedimentary Breccia	35 8	Locally up to 70% pyrite
109 4	133	Argillites, mudstones	23 6	Locally semi-massive to massive Py beds
133	153	Bedded Barite	20	Massive bedded barite and pyritic argillite

Description of geological units and summary of assay results

Black shales (mudstones to argillites, locally moderate to strongly graphitic) These units consistently display mm to cm scale bedding constrained pyritic layers which make up between 4 to 8% of the rock on average Significant increases in the amount of sulphide mineralization can be seen in a number of intervals in both holes leading to sections a few meters in length where total laminated sulphide content of the shales can be up to 50-70% of the host rock The shales are characterized by elevated values of gold (to 0 13ppm), silver (to 5 2 ppm), arsenic (to 240 ppm), mercury (to 4 ppm), molybdenum (to 83 ppm),

antimony (to 21 ppm), strontium (to 176 ppm), vanadium (to 377 ppm) and zinc (to 1370 ppm).

Synsedimentary breccias. These coarse, polymictic, matrix to clast supported units typically display significant clay alteration and locally contain significant amount of pyrite over short intervals. Local silicification and quartz veining are present. Background values for these units are distinct from the shales and only manganese can be seen to be locally elevated. A small number of intervals within the breccia units show elevated gold over 1 meter intervals (to 0.15 g/t Au) without any other clear corresponding metal enrichment. Bedding relationships show grading near the transition from the breccia unit to the overlying shales.

Bedded barite unit. This unit was encountered stratigraphically below the breccia on the second drill hole, the first drill hole having stopped within the breccia unit. It consists of grey to black shales with thin rhythmic laminae of pyrite throughout and 50 to 70% barite in layers ranging from a few mm to 2-3 cm. The complete 20 meter section through this unit returned 26.9% BaO by fusion analysis. A few intervals also returned anomalous gold values (0.01 to 0.11 g/t Au).

In no instance was potentially ore grade mineralization identified during the drilling program.

Complete sampling intervals, sample length description/lithological summaries and assay results are included as Appendix 2.

6) 2002 Exploration season conclusions and recommendations

Drilling on the Tanner property has significantly increased the knowledge base for the area surrounding the Tanner claims. New lithological units which were not observed in outcrop were observed, syngenetic semi massive sulphides were identified and a significant barite unit was discovered.

The presence of thick sequences of synsedimentary breccias outlines the potential for the presence of significant synsedimentary faults in the area. These faults may in turn act as conduits for mineralizing fluids in a typical SEDEX/VMS style environment. Syngenetic pyritic units and thick barite rich units may represent post mineral or laterally distant mineralized facies of an exhalative system. Further exploration is justified in this context to identify potentially economic mineralized faces either as replacement fronts, proximal exhalative facies or feeder pipe complexes associated with paleo-fault systems. The presence of low levels of metallic elements such as gold, silver, arsenic, mercury, antimony, strontium, vanadium and zinc indicate metal contribution during shale formation, a further sign that an economically mineralized core may be present within the system.

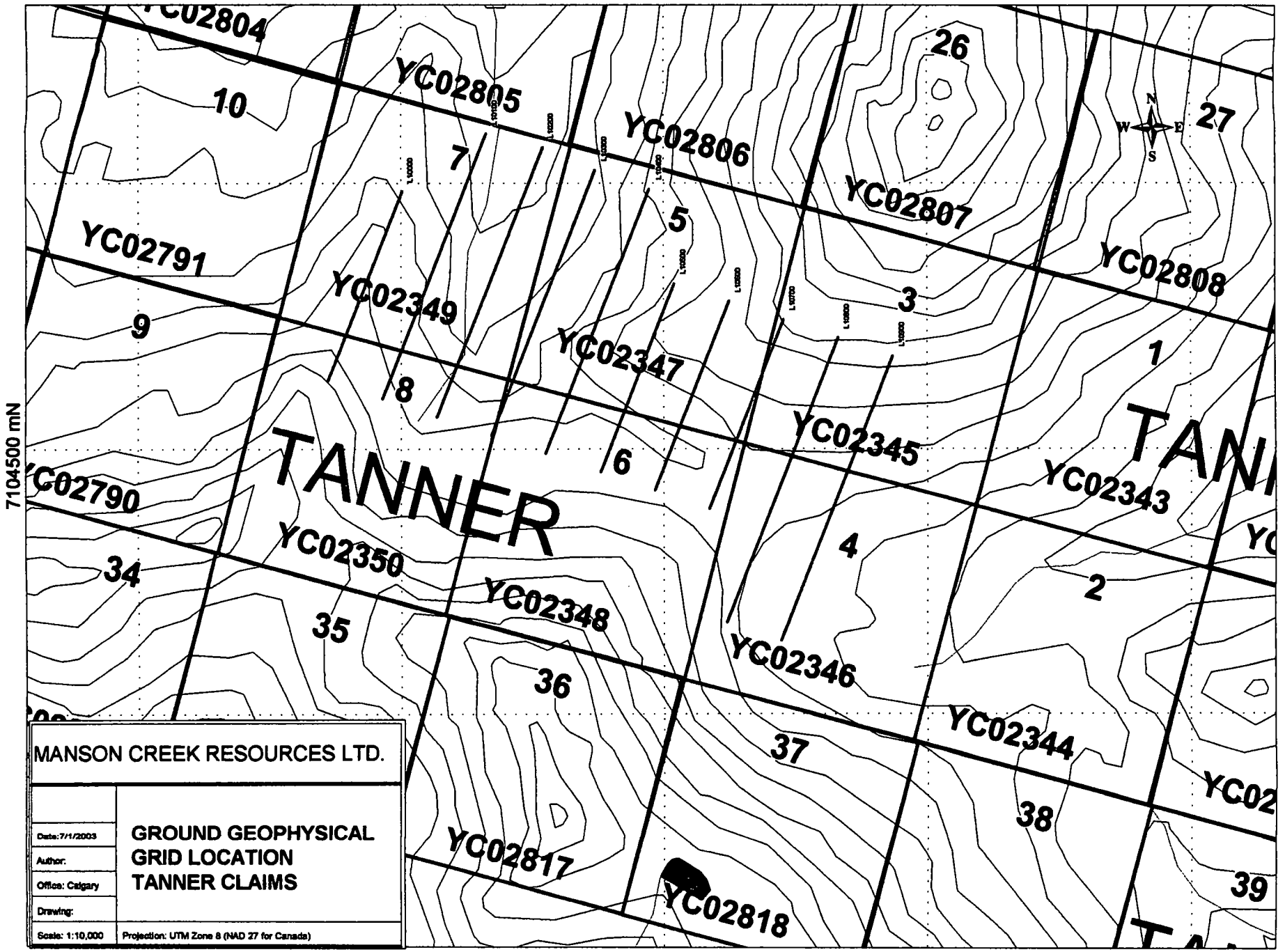
Further exploration should focus on an extension of the present geophysical grid as well as the use of techniques used with success in other massive sulphide districts with an emphasis on ground gravity work. Excess interference due to locally abundant graphite

within the sequence is expected to cause difficulties with identifying massive sulphide type conductors from graphitic ones. Test work using loop EM techniques such as UTEM and a further analysis of decay times may be justified.

Further ground geophysics and drilling are justified with the objective of defining the lithologies underlying the barite rich units as barite often caps zones of economic mineralization both within the Selwyn basin and in the Red Dog district of Alaska.

APPENDIX 1

Plan maps, Geophysical results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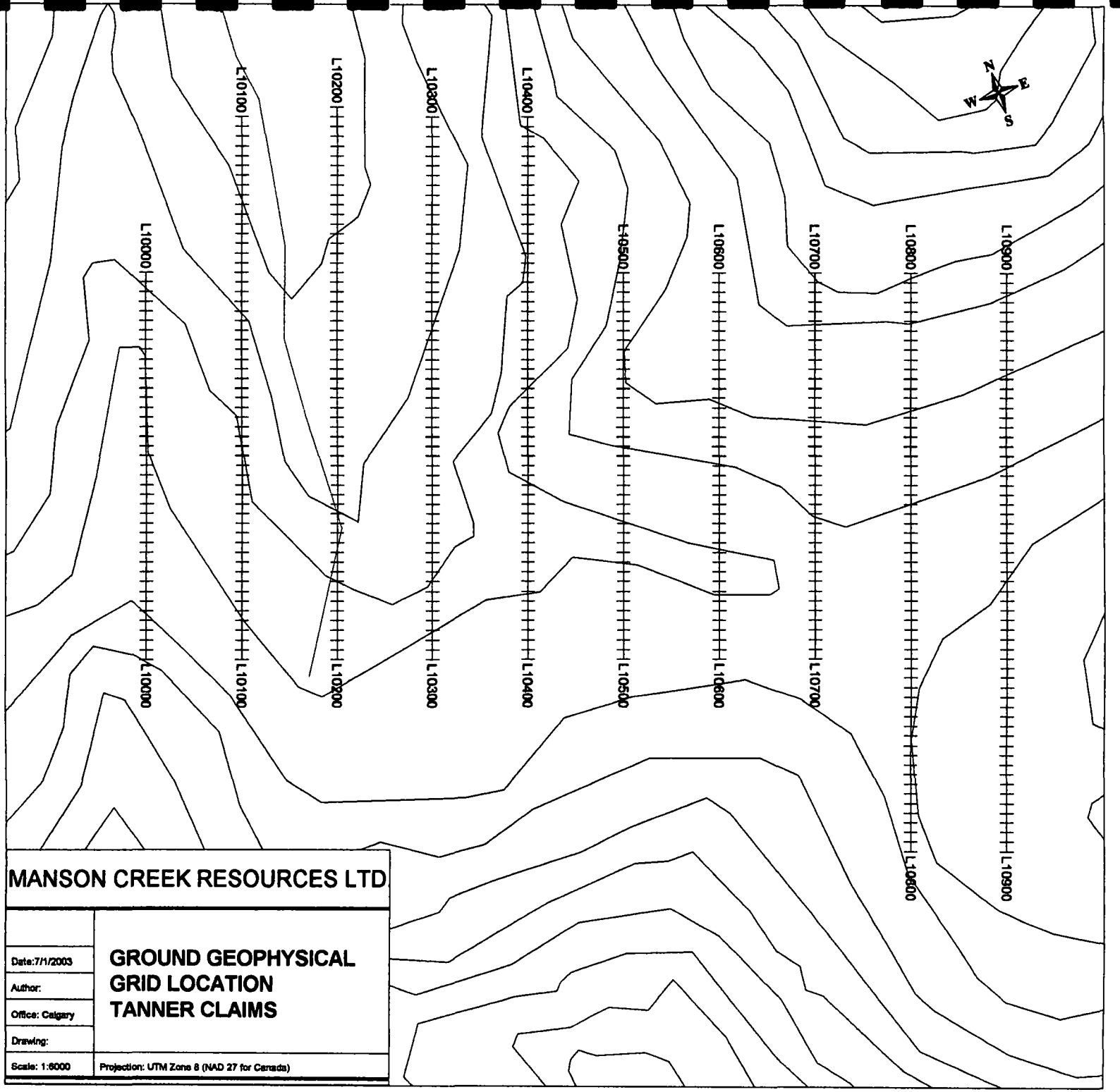
TANNER
10
7
5
26
27
9
8
6
3
1
34
35
36
4
2
37
38
39
N
W
E
S
7104500 mN
584000 mE
MANSON CREEK RESOURCES LTD.
Date: 7/1/2003
Author:
Office: Calgary
Drawing:
Scale: 1:10,000
GROUND GEOPHYSICAL
GRID LOCATION
TANNER CLAIMS
Projection: UTM Zone 8 (NAD 27 for Canada)

Base line was at 110 azimuth with lines at 020

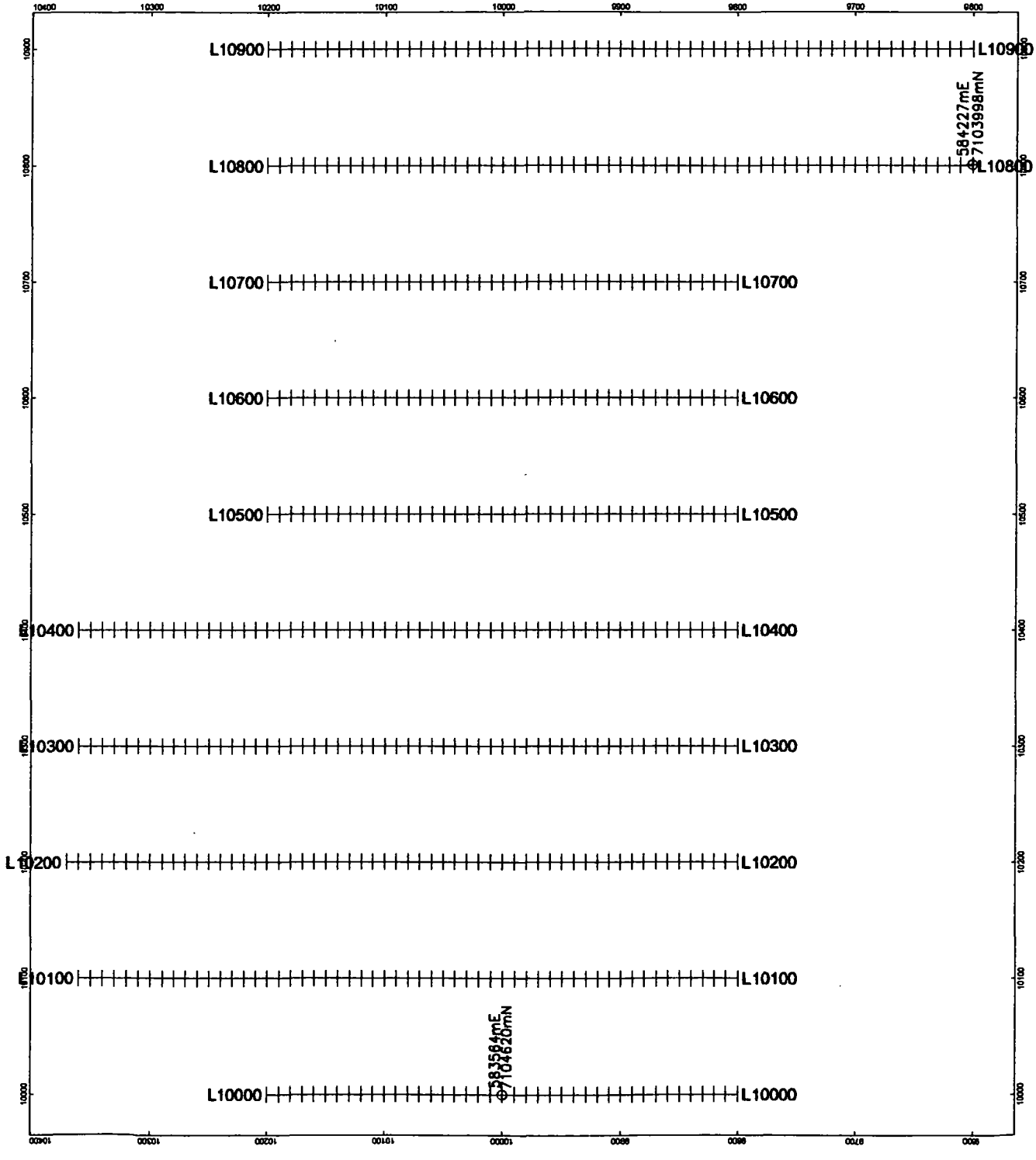
Mag stats:
507 stations read (every 10m along the lines)
5.2 line km total

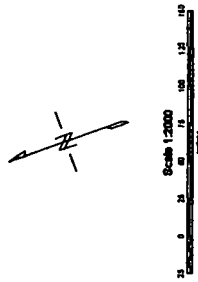
HLEM stats:
5 frequencies read; 220, 440, 880, 3520 and 14080 hz
205 stations (every 20m)
4.06 line km total



MANSON CREEK RESOURCES LTD

Date:7/1/2003	**GROUND GEOPHYSICAL GRID LOCATION TANNER CLAIMS**
Author:	
Office: Calgary	
Drawing:	
Scale: 1:6000	Projection: UTM Zone 8 (NAD 27 for Canada)



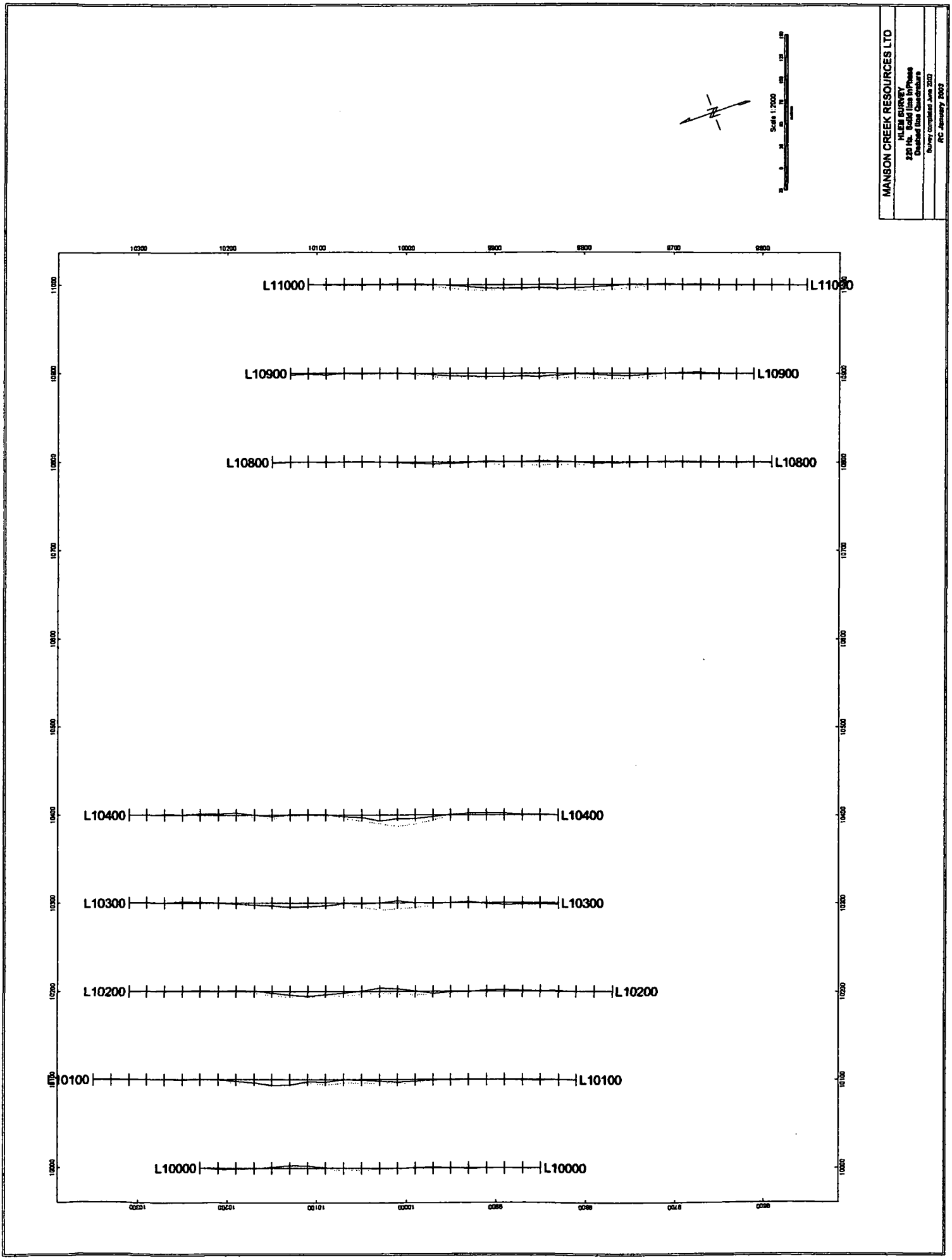


MANSON CREEK RESOURCES LTD

Grid map

Survey completed June 2001

RC January 2003


MANSON CREEK RESOURCES LTD
HLEM SURVEY
250 Hz. Solid line In Phase
Dashed line Quadrature
Survey completed June 2002
RC January 2003
Scale 1:2000
L11000
L11000
L10900
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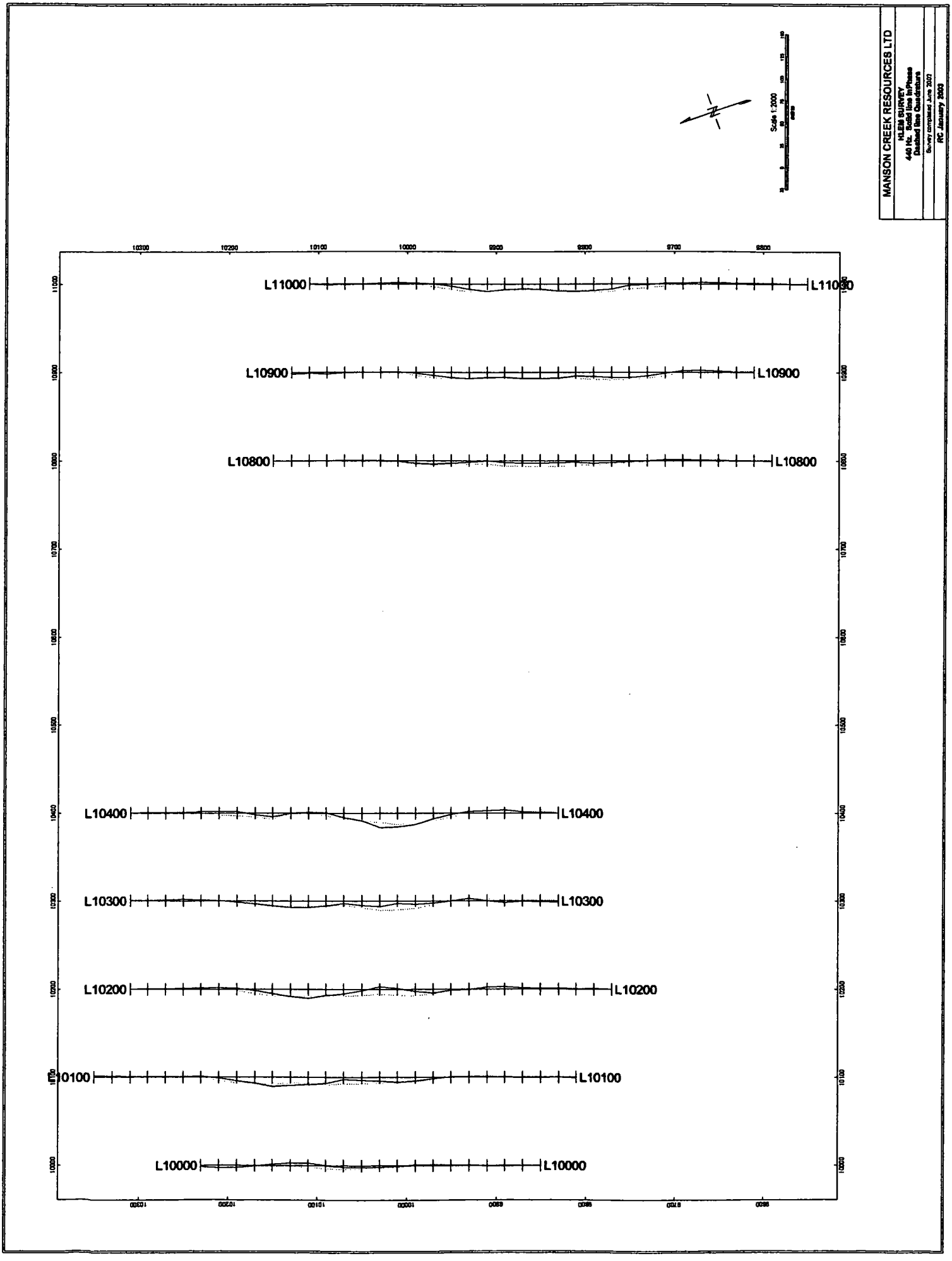
MANSON CREEK RESOURCES LTD
HLEM SURVEY
440 Hz. Solid line in Phase
Dashed line Quadrature
Survey completed June 2007
RC January 2008
Scale 1:2000
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L10900
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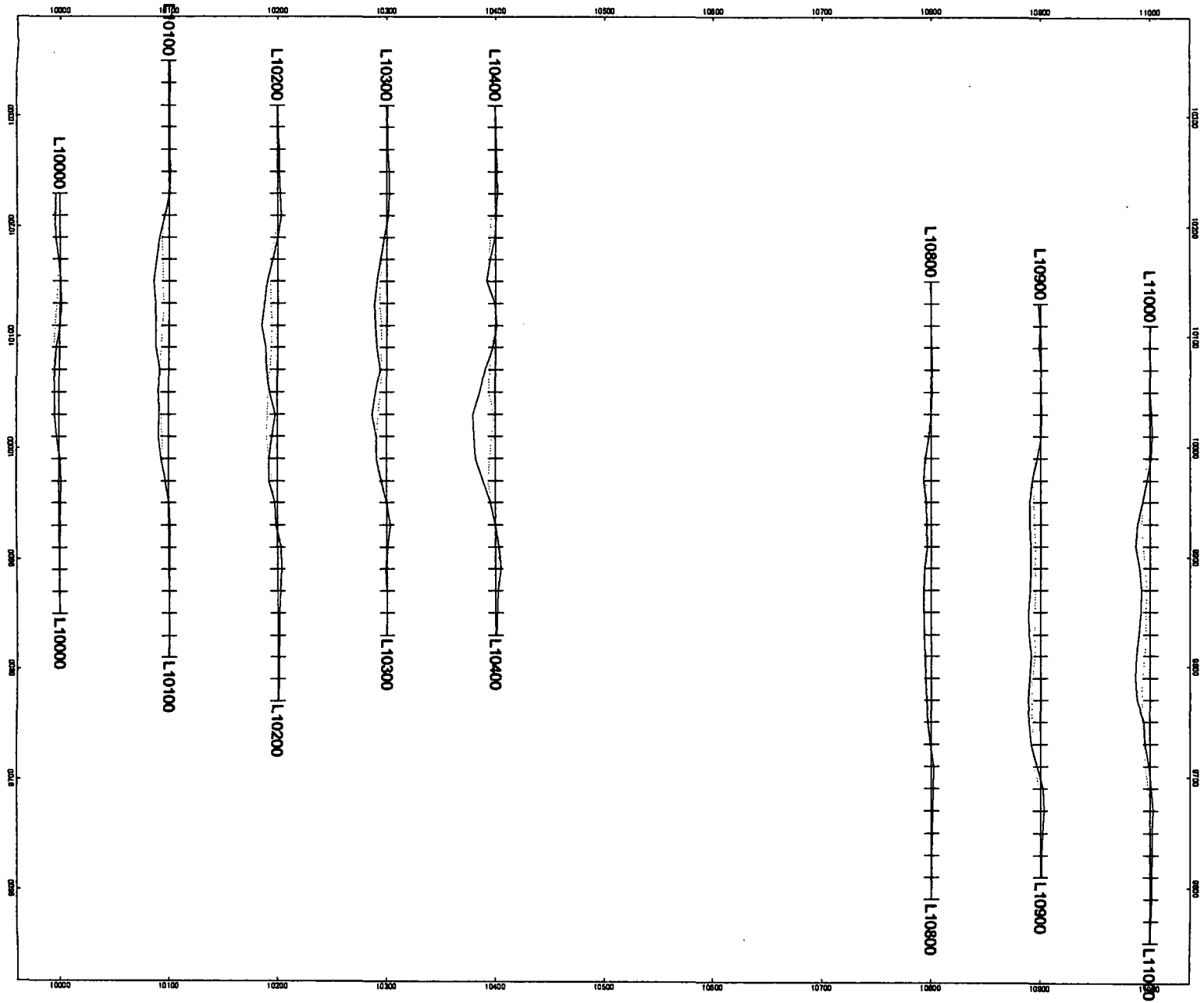
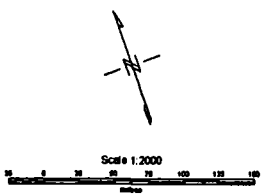
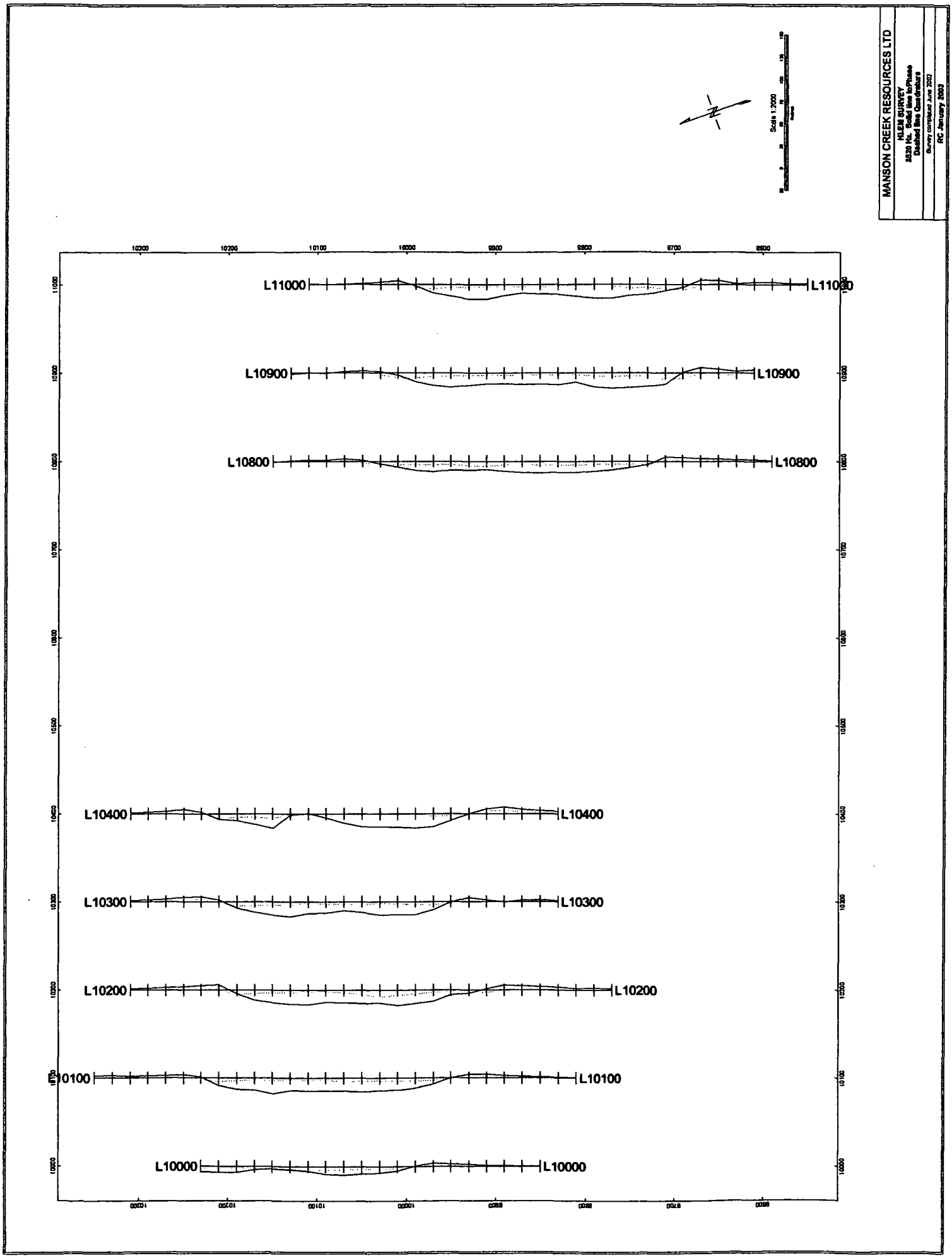




MANSON CREEK RESOURCES LTD
HLEM SURVEY 633 Hz. Solid line InPhase Dashed line Quadrature
Survey completed June 2002
RC January 2003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KLEM SURVEY
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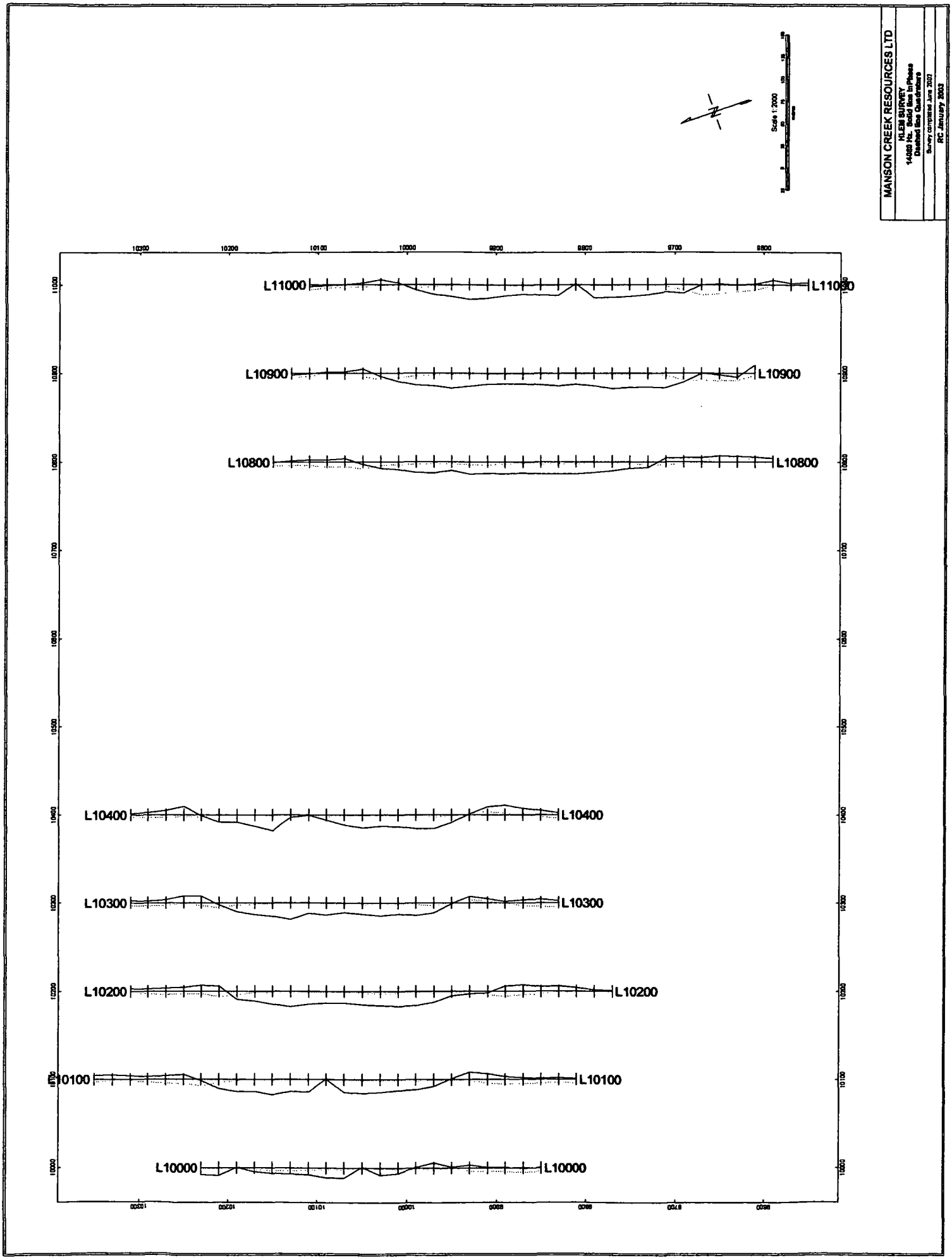
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HLEM SURVEY
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Dashed line Quadrature
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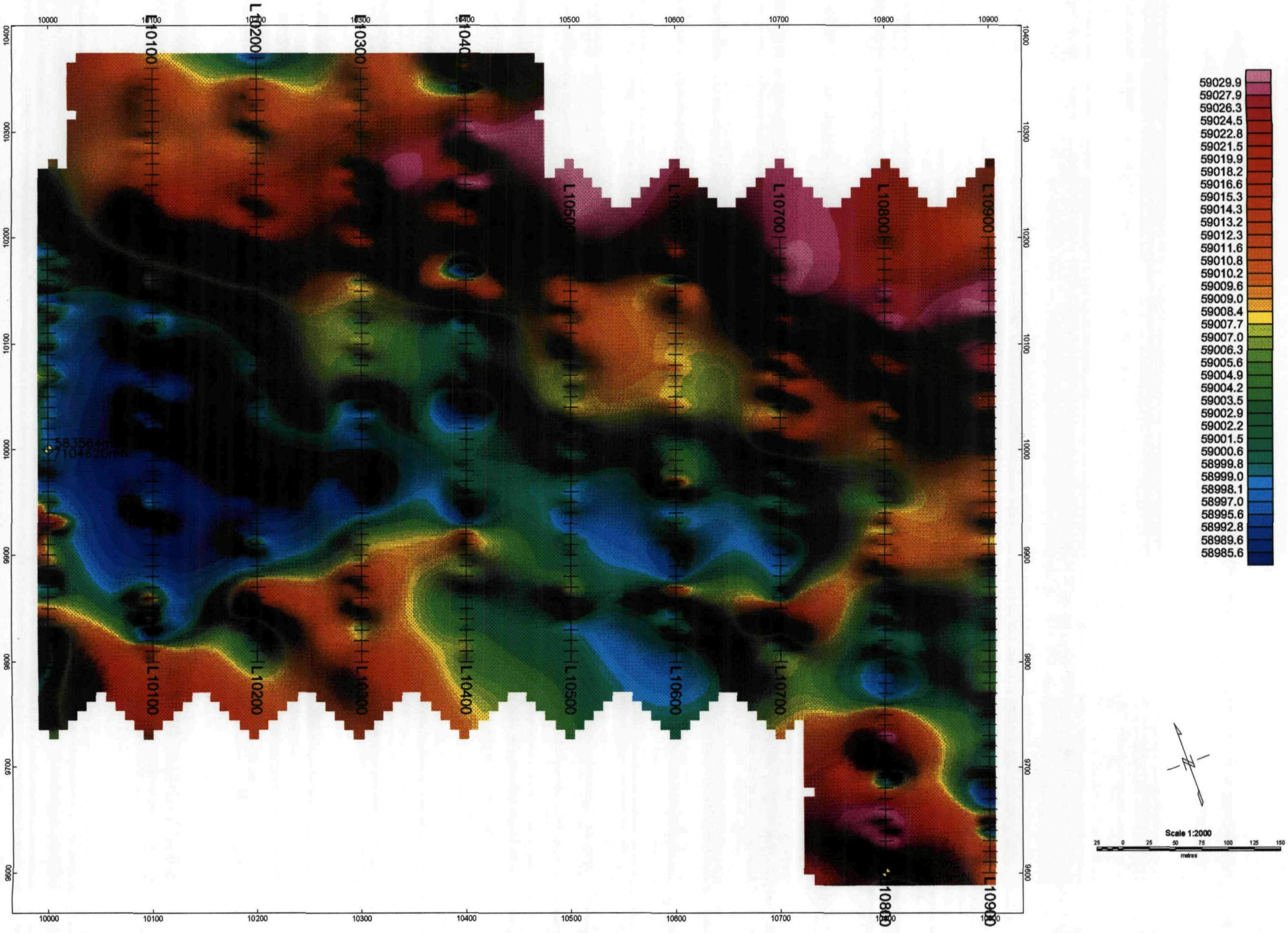

MANSON CREEK RESOURCES LTD

Tanner Total Field Magnetics

Survey completed June 2001

RC January 2003

APPENDIX 2

Drill sections, logs and assay summaries
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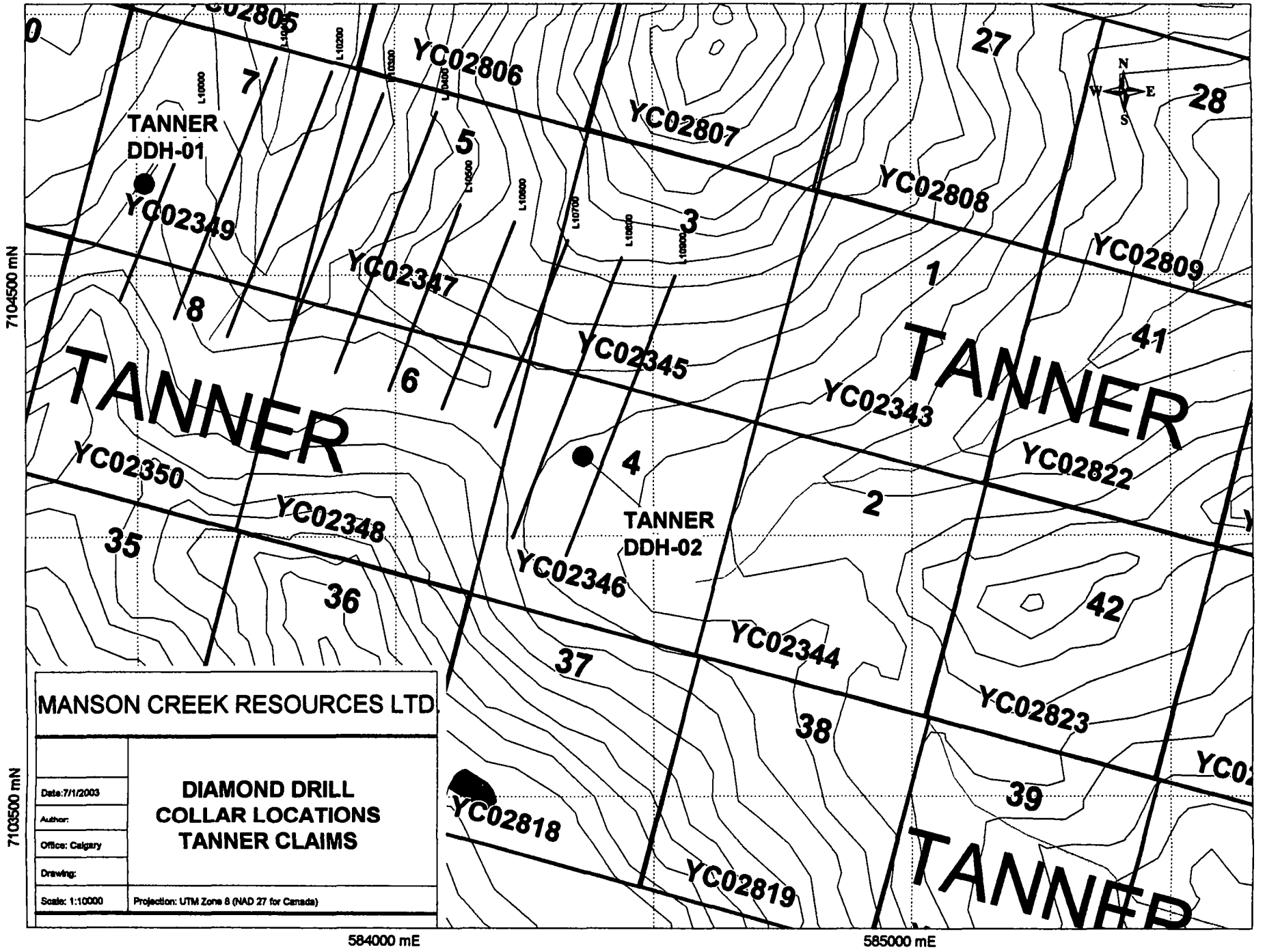
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39
42
27
28
N
W
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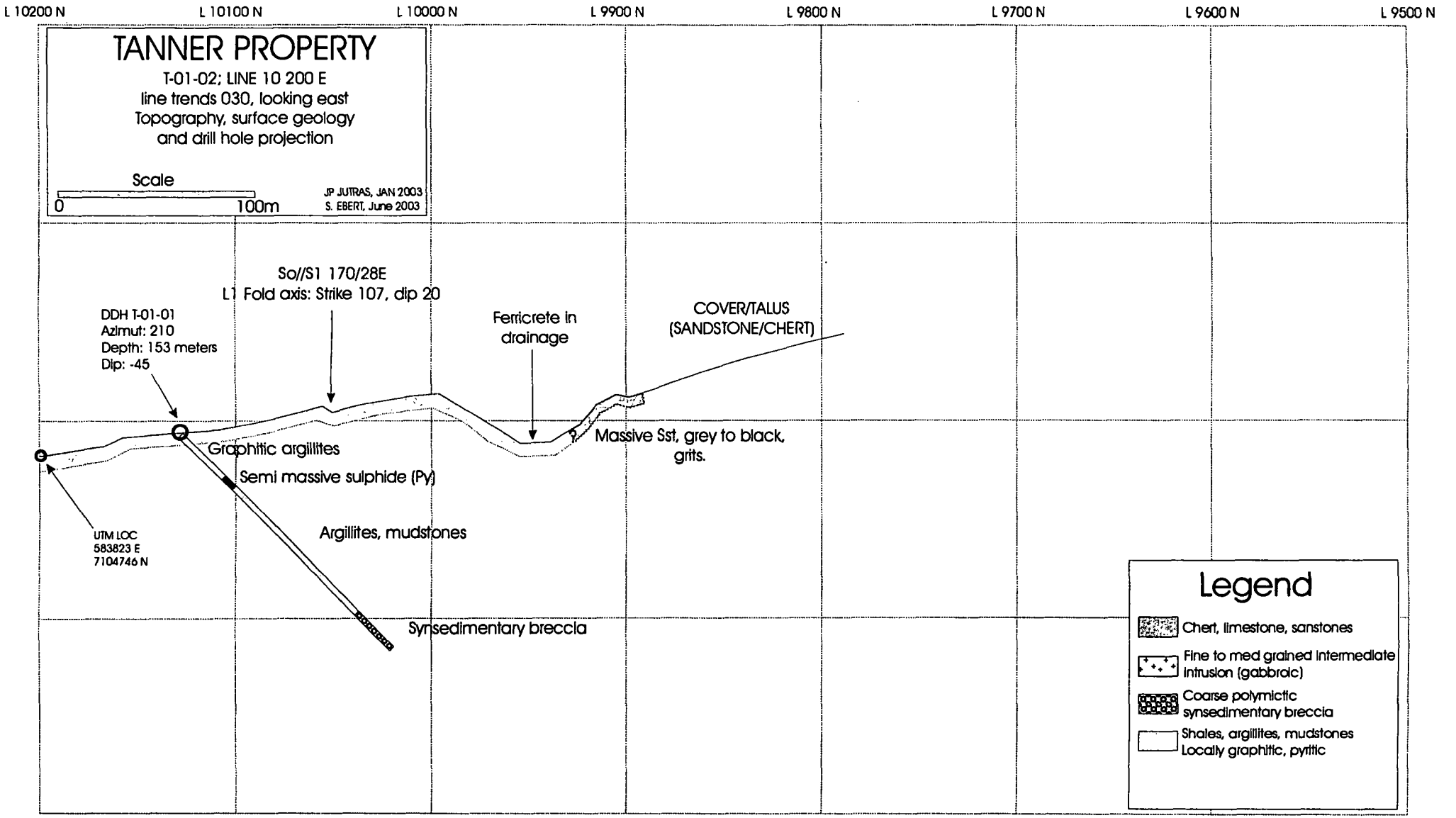
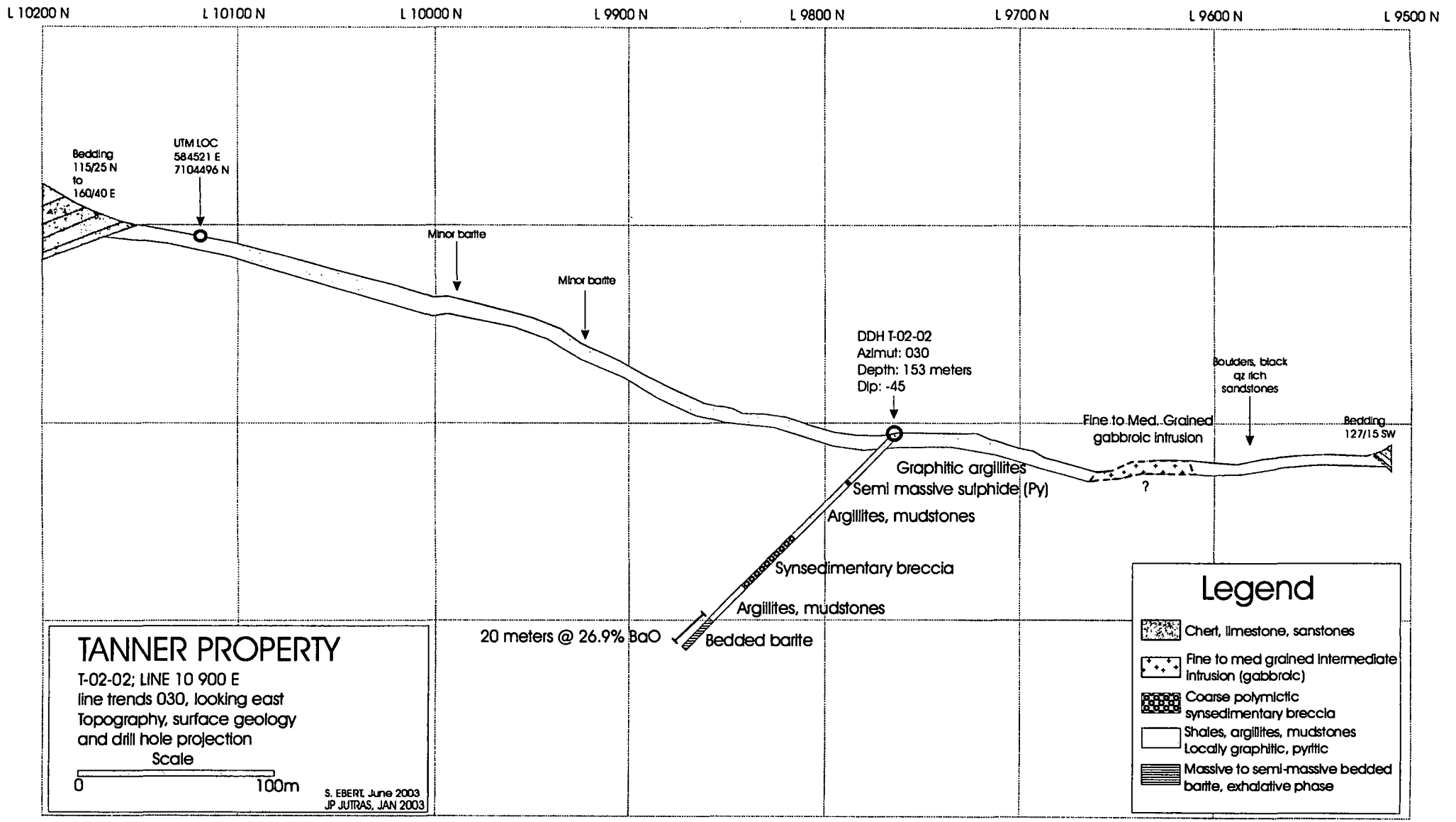
MANSON CREEK RESOURCES LTD.
DIAMOND DRILL
COLLAR LOCATIONS
TANNER CLAIMS
Date:7/1/2003
Author:
Office: Calgary
Drawing:
Scale: 1:10000
Projection: UTM Zone 8 (NAD 27 for Canada)


L 10200 N
L 10100 N
L 10000 N
L 9900 N
L 9800 N
L 9700 N
L 9600 N
L 9500 N
TANNER PROPERTY
T-01-02; LINE 10 200 E
line trends 030, looking east
Topography, surface geology
and drill hole projection
Scale
0
100m
JP JUTRAS, JAN 2003
S. EBERT, June 2003
So//S1 170/28E
L1 Fold axis: Strike 107, dip 20
DDH T-01-01
Azimut: 210
Depth: 153 meters
Dip: -45
Ferricrete in drainage
COVER/TALUS (SANDSTONE/CHERT)
Massive Sst, grey to black, grits.
Graphitic argillites
Semi massive sulphide (Py)
Argillites, mudstones
Synsedimentary breccia
UTM LOC
583823 E
7104746 N
Legend
Chert, limestone, sanstones
Fine to med grained intermediate intrusion (gabbroic)
Coarse polymictic synsedimentary breccia
Shales, argillites, mudstones
Locally graphitic, pyritic


L 10200 N
L 10100 N
L 10000 N
L 9900 N
L 9800 N
L 9700 N
L 9600 N
L 9500 N
Bedding
115/25 N
to
160/40 E
UTM LOC
584521 E
7104496 N
Minor barite
Minor barite
DDH T-02-02
Azimut: 030
Depth: 153 meters
Dip: -45
Boulders, black
qz rich
sandstones
Fine to Med. Grained
gabbroic intrusion
Bedding
127/15 SW
Graphitic argillites
Semi massive sulphide (Py)
?
Argillites, mudstones
Synsedimentary breccia
Argillites, mudstones
20 meters @ 26.9% BaO
Bedded barite
TANNER PROPERTY
T-02-02; LINE 10 900 E
line trends 030, looking east
Topography, surface geology
and drill hole projection
Scale
0
100m
S. EBERT, June 2003
JP JUTRAS, JAN 2003
Legend
Chert, limestone, sanstones
Fine to med grained intermediate intrusion (gabbroic)
Coarse polymictic synsedimentary breccia
Shales, argillites, mudstones
Locally graphitic, pyritic
Massive to semi-massive bedded barite, exhalative phase

[redacted] DIAMOND DRILL LOG [redacted] PROJECT: [redacted]NE [redacted]

Area TANTER	Latitude 583815 E 7104676N	Bearing 210°	Date Started June 20	Hole No. T-01
Contractor CARON Drilling	Departure	Inclination @ collar -45°	Date Completed	Logged by JP
Core Size TW - BQ	Elevation (mA.S.L.)	Inclination @ ____ m, ____ / Inclination @ ____ m, ____	Total Length 153 m.	Sheet # 1/7

GRAPHIC LOG

ft FROM	ft TO	Mag % INTERVAL (m)	GRAIN SIZE 0-+++	S1 TCA	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)	Au (g/tonne)
10	12			25	10 - 27 ft, VERY POOR RECOVERY, GENERALLY	20%						
12	14		++		F. gr. black GRAPHITIC ARGILLITE. Bi Plane Graph. loc 0.5-1cm bands	50						
14	16		++		26 ft, START OF Sulphide Laminae, Graphitic mudstone	40						
16	18		+		27' So//S1 @ 45° TCA, 30' - S1 @ 45°/TCA, 35' So/S1 55° TCA	25						
18	22		++		26Ft to 53 ft, Py dominated [illegible] Sulphide Laminae	10						
22	24		+		1 to 4mm thick locally 5 to 20% [illegible] Py content, some	10						
24	27		+		Qz Veinlets both // and [illegible] Fabric / foliation.	20			ft	[illegible]		
27	28.5	[illegible]	+		local recrystallization [illegible]	70	24801	27	[illegible]	[illegible]		
28.5	30	8-12	+		often w/ silica [illegible] shadows indicating [illegible]							
30	32		+		S1. 39.5 ft So/S1 @ 60° TCA	50						
32	35	8			CHARACTER samples for section	70						
35	39	0-12			24801 - 1m 5 → 10% PYRITE TOTAL	90						
39	41.5	5	+		24802 - 1m 10 → 15% Sulph TOT. PHOTO # 31	100	24802	39	42	1m		
41.5	44.5	10	+		41.5 ft So 56° TCA, S1 52° TCA 40ft banding + strong crenulations	100						
44.5	47	2-5	+		47 ft So // S1 @ 35° 41.5 FRACT @ 0° TCA 90° TCA	70						
47	50	2-5	+		53 ft So X S1 S1 @ 39° TCA, So @ 24° TCA	80						
50	53.5	5-10	+		53.5 ft to 57.5 MORE competent section (S1 Flooding?) w	75						
53.5	57.5	10-15	+		Larger Boudinaged bands of fine gr py to 1cm PHOTO	80	24803	53.5	56.7	1m		
57.5	62	4-8	+		53.5 ft So @ 40° S1 @ 45° So appears contorted + transposed along S1	80						
62	66	4-8	+		53.5 to 57.5, 1cm rounded oxydized lobes locally	70	24804	66.67	67.0	1m		
66	72	3-10	+		54 Ft S2 @ 90° TCA 57.5 So 55° S1 40°	80						
72	77.5	2-5	+ to ++		67 ft So // S1 @ 30°	100						
77.5	81	2-4	+		70 ft So // S1 @ 30° S2 strong @ 60° TCA							
					73 ft So @ 35° S1 @ 35° S2 @ 35°							
					S1 + S2 @ 90° = F2 Fold closure 80' S°//S1 40°	TCA						

DIAMOND DRILL LOG

CLAIM:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No. T-01
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 2/7
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	Py % INTERVAL (m)	GEOLOGICAL DESCRIPTION	Graph +	Alt % +	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So	S1 ANALYSES	
81	89	4-6	81 to 100: minor Graphitic Argillites w banded Py lenses/beds on	+		>95				86 ft	5°	7% \	
89	96.5	4-6	a mm scale, Rhythmic, laminated Making 4 to 6% of Rx	+	+	"	24805	100	101.5	88 ft	So thins F1 closure	40% \	S1 crenulated by S2
96.5 Box 6	99.5	4-6	@ 100ft → 101.5, thicker + higher concentration Py laminae, 25-30% Rx	+	++	"	806	101.5	103.5	89		35° \	increased Graphite & folds closure
99.5	101.5	25-30	semi-massive Sulphides w 50// Qz stringers 10c +/- clasts MUDSTONE	-	+	"	807	103.5	105	93	25°	25° //	
101.5	103	2-6	in Py intervals	-	+	"	808	105	109.5	99.5	30°	30° /	
103	105.5	15-25	101.5 to 103.5 → 2-6% Py laminae + DISS in MDST	+	+	"	809	109.5	112.5	101.5	30°	30° //	
105.5	110	4-8%	103.5 to 105 → semi massive Py 15 + 25%	+	+	"	810	112.5	114.5	106	30°	30° //	
110 Box 7	113	20-50	110 to 115. SM PHOTOS 20 to 50% Py bands, up TO 3cm, Qz +	+	+	"	811	114.5	116.	113	30°	30° //	
113	115.5	2-6	mudstone clasts w/ + Qz vnlets @ 113 ft 10cm SAMPLE SECTION			"				115.5	30°	30° //	
			TAKEN OUT for REP.			"							
Box 7						"				118	18°	18° //	
118	120.5	2-4	119-122, loc bands 4 → 10cm thick Py laminae (SM) over	+		"	812	116	119	120	25°	25° //	
120.5	122	2//10	30% OF CORE, 122 to 125, AS ABOVE, 10% of CORE SM	+		"	813	119	122	124	20°	20 //	
122	127	40/+2	INTO Graphitic PREG. W/ Faint Py bands. 137-141 broAD	+		"	814	122	128.5	127	?NV	10°	S2 40°
127 Box 7	131	2-5	F1/So closure around S2, strong crenulation of S1 + boundary of	++		"	815	123.5	125	132	NV	42°	
131	133.5	2-5	So Pyritic Band 127-131, vein graph			"				133.5	10°	30°	
133.5	137	2-4	S2 closure?, S1 changes dir, strongly crenulated. 132 tight			"				137	05°	05° //	138 PHOTO S2 45°
137	142	3-8	Good Small scale F1 closures (So) 133.5 broad So/S1 closures			50				442	0°	35° \	
142 Box 8	146.5	3-8	137 POSSIBLE S2 closure PHOTO, Py band NV			"				146.5	12°	12° //	
146.5	150		142 example of So slip along S1			"				152	25°	25° //	
						"							
						"							
						"							
						"							
						"							

[redacted]AMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No.
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 3/7
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LAYER AT (m)	ANALYSES So	S1	Au (g/tonne)
Box 9		PY %						154	55°	55° //	
152	159.5	2-4	152 to 180 ft massive mudstone, moderately foliated, black	100%				159.5	10° faint	35° Y	S_2 faint 10°
159.5	164.5	2+6	weakly graphitic on S1 planes. Py banding mm scale absent to	100%				164.5	0°	30° Y	
164.5	170	2+6	weak, faint bands, S1 Pyrite in coarser mm sized recrystallized crystals	"	24816	163	170	170	20°	30° Y	
170.5	171.5	2+6	moderately developed in the 2-4% range, some Py recryst along So	"				175	20°	30° Y	
Box 10			as well. ~~Erroneously~~ sampled @ 163 to 170 ft for background.	"				184.5	10°	10° //	
171.5	175	2	180-184.5 moderate Graphite on S1 planes, blocky recovery	"							
175	179.5	2+4	184.5-187.5 massive mudst, weakly graphitic	"							
179.5	184.5	2+4		"							
184.5	188	2+4	187.5 to 188 moderately to strongly graphitic sections	"							
Box 10				"							
188	192	2-8	massive mudstone, faint Py laminae + locally blebs to	"				188	40	40 //	S_2 10°
192	196.5	2-6	1cm, Py. Fgr sulp in mud matrix (+ at 191-192)	"				192	0°	30° Y	?
196.5	200.5	2-6	Qz veinlets + stringers, deformed @ 199, along S1					200.5	30°	30° //	
200.5	203	2-6	Very strong S2 crenulation on S1 @ 188 (Photo ⇐ #7)					204	05°	05° //	
203	206.5	2-6	Strong Brx + Qz Vn zone @ 193-194 ft 50% Qz, all directions, Brx Vns								
Box	11 (to 198	208)	moderately Graphitic								
206.5	208	2-6	207 to 208 strong Graph. 206.5 to 222, laminated graphitic					208	30	30 //	
208	210.5	2-6	mudstone, weak Py banding except 210, nice 2cm band graded					210	35	35 //	
210.5	215	2-4	Py in mudst.					215	05	05 //	
215	220	2-4	213 to 222 moderate to strongly graphitic					220	22?	0°	
220	222	2-4	222 Good S1 crenulation S_2 ?								

Box 12

DIAMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No.	T01-02
Contractor	Departure	Inclination @ collar	Date Completed June 23	Logged by	JP
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet	4/7
		Inclination @ ____ m, ____			

FROM (m)	TO (m)	Py %	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LATER (m)	ANALYSES AT (Bottom)	So	Si	Au (g/tonne)	
Box 13				100									
220	224	2-4	220-262 moderately to strongly graphitic mudstones/argillites	"				224	20°	20° //		turning, gentle	
224	228	"	strongly penetrative Si throughout, very graphitic on Si planes	"				228	16°	16° //			
228	231	"	Faint brecciated banding, Fgr Py, mm scale, some	"				231	25°	25° //			
231	235	"	feathery massive Graphitic beds	"				235	20°	20° //			
235	238	"	229-230.5 Qz vn bearing; silicified +/- VUGGY section	"				238	10°	10° //			
Box	14		Strong graphitic										
238	242	"		"				240	0	0 //			
242	244	"		"				244	15°	15° //			
244	247	"		"				247	20	20 //		Sz faint but crenula to Si	
247	250.5	"		"									
250.5	252.5	"		"				251	22°	22° //			
252.5	253	2-4		"				252.5					
Box 15													
253	256	4-6		"				256	10	40//			
256	257.5	2-4		"				262	25	25 //			
257.5	262	2-4		"				267	5°	5° //			
262	267	6-8	262 to 268 competent section w definite weak to	"	24817	262	265						
267	268.5	4-6	moderate mm scale Py banding along So +/- blebby py to 0.5 cm	"				274	20	20 //			
Box 16			268-285 mod to strong graphitic Arg/mudst, as 220-262					277	20 //	20 //			
268.5	272	4-6	268.5 PHOTO TURNING So/Si	"				282	20	20 //			
272	279	2-4		"									
279	282	2-4	282-282.5 Py bands up to 1cm over 20 cm interval	"									
282	285	8 to 2											

[redacted]AMOND DRILL LOG

CLAIM NO:
PROJECT: TANJER

Area	Latitude	Bearing	Date Started	Hole No. TO1-CR
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP 06/25
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 500ft m.	Sheet 5/7
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	Rec INTERVAL (m)	GEOLOGICAL DESCRIPTION	Py % REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So	S1	ANALYSES Au (oz/ton)	S1	Au (g/tonne)	
Box 17														
285	287	>95	285 to 313 laminated, weakly graphitic mudst/Arg w faint	2-4	24818	308.5	305.5	287	25°	25° //				
287	292	>95	to well defined Py banding (v Py bands mm scale	2-4				296	20°	20° //				
292	296	"	5-1 Qz vnlets to 2-4mm throughout	4-8	24819	305.5	308.5	300	20°	20° //				
296	300	"		4-6	24820	309.5	311							
300	302.5	"		4-6	24821	311	314	302.5	30°	30° //				
Box 18					24822	314	318.5	310.5	030	30° //	weak S2 crenulation		2 at 0°	
302.5	305.5	"	314 amount of Py + Density of layers increases until 318.5	6-8	24823	318.5	321.5	314.0	30	30 //				
305.5	310.5	"	= 1 ft section 25-35% Sulphide; lowers and increases again	6-8	24824	321.5	325.5							
310.5	313.5	"	towards 323 where semi massive to massive Py bands to	6-8	24825	325.5	328.5	314	40°	40° //	S2 weak			
313.5	318.5	"	5cm make up +/- 30% of the intervals in 10 → 50 cm	10-20	24826	327.5	330	318.5	40°	40° //	S2 strong		2" Graph sect.	
Box 19			sections separated by mud/aug w 6-10% Py, 2nd Py rich		24827	330	332							
318.5	324	"	interval starts @ 327.5 to 340 ft, then Py decreases. 327→340 LOC SM Py	10-25	24828	331	333	324	30	30 //				
324	326.5	"	335.7 to 337 → TYPE SECTION REMOVED SM.	8-15	24829	333	335.7	330	30	30 //				
326.5	332	"	Brxx + Qz veining + Graphizone @ 350.5 to 354.5 w/ strong 0° Foliation	8-20	24830	337	340	335	25	25 //				
332	337	"	and again from 357 to 368.5	8-20	24831	340	343.3	341	30	20 /				
Box 20					24832	343.3	347.3	346	30	30 //				
337	341	"	346-349 locally (10% core) SM Py banded to 2cm	8-20	24833	347.3	351	350.5	//	//				
341	346	"		8-15				354.5	//	//				
346	350.5	"		6-12										
350.5	354.5	← Box	21	4-6				357	25 M	25 M //	0°			
354.5	362	80	354.5 to 368.9 broken core, moderately to strongly graphitic	2-4				365	?	5x 20°	5x 0°			
362	364	80	low Py, local Qz + Brxx, abundant // to CA S0-1-2	2-4				368.5	//	//	S/S, +S2 at +/- // TCA			
364	366.5	80		2-4										
366.5	369.5	80		2-4										

[redacted] DIAMOND DRILL LOG [redacted]

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started / Hole No. T-01-02
Contractor	Departure	Inclination @ collar ____	Date Completed / Logged by JP 06/26
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m. / Sheet 6/7

FROM (m)	TO (m)	Recovered Interval (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So ANALYSES Au (oz/ton)	S_1	Au (g/tonne)	
369.5	372	100	369.5 to 386 moderately to strongly foliated argillites/mudstones	2-4				372	10°	10° //		
372	376	100	weak to moderately graphitic FAULT to well developped Py banding	2-4				376	30°	30° //		
376	380	100	on S_0. Dark Grey to black. Strong twining + crenulating of S_0-S_1	4-6				380	30°	30° //	379 to 386 STRONG S_2 @ 0°	
380	386	95	at 369.5 to 375 and 379 to 386] S_0/S_1 consistent, stray S_2 at 379-386	6-8				386	40°	40° //		
386	389	100	2cm barite band at 378 w, moderate Py.	6-8								
389	392	100	386, Px becomes increasingly competent to 406.5, reflecting higher	6-8	24834	286	389	389	65°	65° //		
392	394.5	100	degree of Si? Barite bands 0.5 to 1cm increasingly common	8-10	24835	389	391.5	392	70°	70° //	weak	S_2 0°
394.5	399	100	locally 5-10% of core intervals over 20 to 30 cm core length (stronger	6-10	24836	391.5	394	394.5	50°	50° //	"	"
399	402.5	100	@ 391 to 393) Barite dark grey to black, fine gr. massive	6-10	24837	394	397.5	399	55°	55° //		
402.5			+locally brecciated + shows Qz vnlets. Ba bands often	6-10	24838	397.5	401	402	15°	20° Y	} Flexure,	
			form boudins along S_1. Competent intervals weakly Graphitic		24839	401	403.5	402.5	35°	35°	} NOT closure	
			394 Possible Fe carb vnlets 1-2m over 5cm +/- Py.		24840	403.5	406	405.5	35	35 //	weak	S_2
402.5	405.5		405.5 to 409, moderate S_2 0° TCA, Blocky recovery, mod to strong graphite	6-10	24841	406	409	409	05	85 //	S_2 15°	weak
405.5	409.5		411 to 411.5, AS ABOVE	6-10	24842	409	412	411.5	45°	45° //	S_2 45° Y	S_1/S_0
409.5	411.5		4½ PHOTO bedded, folded Ba band, 2 closures w S_1 axial Plane, shows	6-10	24843	412	418	416	?	?	?	
411.5	416		Brxx + veinlets @ +/- 45° to S_1, no veinlets in shales/argillite	6-10	24844	418	420.5	418.5	55°	55°		
416	418.5	90	413 to 417, strong graphite + S_1/S_2 relat., loc Qz Brxx + veins/minor	6-10	24845	420.5						
			Ba. Possibly Brxx thicker Ba intervals ??									
			MAJOR STRAT CHANGE @ 418 to Syn-sedimentary Brxx unit (CONTACT PHOTO)									
			CONTACT appears TO BE S_0/S_1, conformable, Shales → 5mm Brxx →									
			5mm shale to Brxx all the way to 500 ft description, NEXT page									
			CONTACT @ 55° TCA.									

Box 22
Box 23
Box 24

[redacted]IAM[redacted]D [redacted]LL [redacted]OG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No. T-01-02
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP 06/26
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 502 ft m.	Sheet 7/7
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION (Angular 70% subangular 20% rounded 10%)	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So ANALYSES Au (g/tonne)	So ANALYSES S1	ANALYSES Au (g/tonne)
			418 to 502 Polymictic Breccia w clasts of Dominantly								
			SST (recrystallized, micaceous Biot+Musc) 70%, shale/Argillite/mudstone					421	20°?	20°	
			10% and Limestone +/- chert 5% and massive sulphide (Py) 5%.		24845	420.5	424.5	425		35°	
			Variably clast or matrix supported, Laminations visible in muddy		24846	424.5	427	434	30°	35° //	
			locally clay altered + weakly to moderately graphitic matrix. Possible		24847	427	429.5	440	25?	25° //?	
			Barite in matrix along grayish bands w/ abundant f-gr dissemination		24848	429.5	432.5	446	0°?	0° //?	
			to semi massive sulphides (Py). Sulphide mineralization occurs as		24849	432.5	436	448	30°	30° //	
			1) f-gr bands (beds) in muddy matrix 2) clasts of massive Py or		24850	436	439.2	457	25°?	25° //?	
			semi massive Py in mudst clasts 3) Recrystallized beds to 1-2cm w/		391601	439.2	441.5	461.5	45°?	45° //?	
			Qz pressure shadows 4) as veins (Qz) w abdt Py dissemination 5) as			441.5	442.3	REMOVED			
			Py+/-Si Flooding throughout sections or 6) as Py+Si in clasts, forming		602	442.3 to 445	603	445 to 448			
			disseminated masses or distinct veins/veinlets (fracture fill)		604	448	452	467	30°?	30° //?	
			Presence of various types of mineralization indicates active		605	452	455	472	70°?	55° Y?	
			to Pyrite formation, Brxx, redeposition in an active envt,		606	455	458	482	50°?	80° //?	
			possibly near a sea floor vent or syn-sedimentary fault.		607	458	461.5	487	025°?	55° Y?	
			Py content over a given section difficult to evaluate		608	461.5	464.7	492	30°?	50° Y?	
			due to variable modes and presence of mineralized v.s		609	464.7	468	497	20°?	50° Y?	
			unmineralized clasts. WHOLE interval sampled and		610	468	471	502	0°?	40° Y?	
			Type sections removed. Py content overall varies — 471 to 472 REMOVED		611	472	477.2				
			from 5-10% to 80% over short intervals — 477.2 to 477.7 REMOVED		612	477.7	480.5				
			Hole ended in this unit.		613	480.5	484				
			Foliations and bedding often indistinct due to "foliation flow"		614	484	487				
			around multiple more competent clasts. Clast size varies between		615	487	490.3				
			few mm to 2+ feet intersection.		616	490.3	493.5				
					617	493.5 to 496.5	618	496.5 max	619	499.5 max	

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Hole Angle	Main Lithology	Mineralization	AssayReport	Au (g/t)	Ag (ppm)	Al (%)
T-01	8.23	9.24	1.01	24801	45	Black Argillite	5-10% Py	A0220836	<0.01	2.4	0.28
T-01	11.89	12.89	1.01	24802	45	Black Argillite	10-15% Py	A0220836	<0.01	3	0.29
T-01	16.31	17.28	0.98	24803	45	Black Argillite	10-15% Py	A0220836	<0.01	1.6	0.22
T-01	20.42	21.34	0.91	24804	45	Black Argillite	3-10% Py	A0220836	0.02	1.8	0.22
T-01	30.48	30.94	0.46	24805	45	Black Argillite	25-30 Py / SM laminated Py	A0220836	0.01	2.6	0.55
T-01	30.94	31.55	0.61	24806	45	Black Argillite	2-6% Py	A0220836	<0.01	1.6	0.18
T-01	31.55	32.00	0.46	24807	45	Black Argillite	25-30 Py / SM laminated Py	A0220836	0.03	3	0.69
T-01	32.00	33.38	1.37	24808	45	Black Argillite	4-8% Py	A0220836	<0.01	1.6	0.21
T-01	33.38	34.29	0.91	24809	45	Black Argillite	25-50 Py / SM laminated Py	A0220836	0.01	2.8	0.44
T-01	34.29	34.90	0.61	24810	45	Black Argillite	25-50 Py / SM laminated Py	A0220836	<0.01	3.4	0.49
T-01	34.90	35.36	0.46	24811	45	Black Argillite	2-6% Py	A0220836	0.13	2.2	0.47
T-01	35.36	36.27	0.91	24812	45	Black Argillite	2-4% Py	A0220836	0.02	1.6	0.26
T-01	36.27	37.19	0.91	24813	45	Black Argillite	2-40% Py/ SM laminated Py	A0220836	<0.01	2	0.38
T-01	37.19	37.64	0.46	24814	45	Black Argillite	2-40% Py/ SM laminated Py	A0220836	<0.01	1.4	0.22
T-01	37.64	38.10	0.46	24815	45	Black Argillite	2-40% Py/ SM laminated Py	A0220836	<0.01	2.4	0.42
T-01	49.68	51.82	2.13	24816	45	Mudstone	2-6% Py	A0220836	<0.01	2.2	0.26
T-01	79.86	80.77	0.91	24817	45	Mudstone	6-8% Py	A0220836	<0.01	1.8	0.26
T-01	92.20	93.12	0.91	24818	45	Mudstone	4-6% Py	A0220836	0.02	2.2	0.28
T-01	93.12	94.03	0.91	24819	45	Mudstone	6-8% Py	A0220836	0.02	2.2	0.25
T-01	94.03	94.79	0.76	24820	45	Mudstone	6-8% Py	A0220836	<0.01	1.8	0.27
T-01	94.79	95.71	0.91	24821	45	Mudstone	6-8% Py	A0220836	0.04	2.4	0.33
T-01	95.71	97.08	1.37	24822	45	Mudstone	10-25 % Py / SM laminated Py	A0220836	0.01	2.8	0.56
T-01	97.08	97.99	0.91	24823	45	Mudstone	10-25 % Py / SM laminated Py	A0220836	0.02	2	0.44
T-01	97.99	99.21	1.22	24824	45	Mudstone	10-25 % Py / SM laminated Py	A0220836	0.02	1.8	0.22
T-01	99.21	99.82	0.61	24825	45	Mudstone	8-15% Py	A0220836	<0.01	2.2	0.38
T-01	99.82	100.58	0.76	24826	45	Mudstone	8-20% Py / SM laminated Py	A0220836	<0.01	2.4	0.35
T-01	100.58	100.89	0.30	24827	45	Mudstone	8-20% Py / SM laminated Py	A0220836	0.03	2.6	0.57
T-01	100.89	101.50	0.61	24828	45	Mudstone	8-30% Py / SM laminated Py	A0220836	<0.01	1	0.25
T-01	101.50	102.32	0.82	24829	45	Mudstone	8-30% Py / SM laminated Py	A0220836	<0.01	1.6	0.28
	102.32	102.38	0.06	391751	45	Mudstone	80% Py laminated	VA02005140	0.01	3.5	1.1
	102.38	102.57	0.18	391752	45	Mudstone	20% Py laminated	VA02005140	0.01	3.4	0.37
	102.57	102.72	0.15	391753	45	Mudstone	80% Py laminated	VA02005140	0.02	5.2	0.66
T-01	102.72	103.63	0.91	24830	45	Mudstone		A0220836	0.01	3.2	0.49
T-01	103.63	104.64	1.01	24831	45	Mudstone		A0220836	0.01	2.2	0.46
T-01	104.64	105.86	1.22	24832	45	Mudstone		A0220836	<0.01	2.6	0.47
T-01	105.86	106.98	1.13	24833	45	Mudstone		A0220836	<0.01	1.8	0.2
T-01	117.65	118.57	0.91	24834	45	Mudstones/Argillites	6-8% Py +/- Ba	A0220836	0.01	3	0.26
T-01	118.57	119.33	0.76	24835	45	Mudstones/Argillites	6-8% Py +/- Ba	A0220836	0.02	2	0.45
T-01	119.33	120.09	0.76	24836	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	<0.01	1.8	0.59
T-01	120.09	121.01	0.91	24837	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	0.01	2.2	0.48
T-01	121.01	122.22	1.22	24838	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	<0.01	2	0.36
T-01	122.22	122.99	0.76	24839	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	<0.01	2.2	0.48
T-01	122.99	123.75	0.76	24840	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	0.01	2.8	0.41
T-01	123.75	124.66	0.91	24841	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	0.01	2.8	0.39
T-01	124.66	125.58	0.91	24842	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	0.02	2.6	0.49
T-01	125.58	127.41	1.83	24843	45	Mudstones/Argillites	6-10% Py +/- Ba	A0220836	<0.01	2.4	0.48
T-01	127.41	128.17	0.76	24844	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	0.4	0.29

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

From (m)	To (m)	Length (m)	sample number	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)
8.23	9.24	1.01	24801	56	<10	30	<0.5	<2	<0.01	<0.5	9	44	72	3.62	<10
11.89	12.89	1.01	24802	70	<10	30	<0.5	2	0.01	1.5	10	30	98	4.33	<10
16.31	17.28	0.98	24803	78	<10	40	<0.5	2	<0.01	3	10	38	55	4.08	<10
20.42	21.34	0.91	24804	64	<10	50	<0.5	<2	<0.01	11	10	30	74	2.94	<10
30.48	30.94	0.46	24805	94	<10	20	0.5	<2	0.47	5.5	7	69	71	4.03	<10
30.94	31.55	0.61	24806	68	<10	60	<0.5	10	0.01	8	8	40	56	2.63	<10
31.55	**32.00**	**0.46**	24807	124	<10	30	0.5	2	0.98	11	8	73	79	4.61	<10
32.00	33.38	1.37	24808	74	<10	30	<0.5	2	0.04	6	16	39	71	3.6	<10
33.38	34.29	0.91	24809	106	<10	10	0.5	<2	0.26	8	8	67	90	5.64	<10
34.29	34.90	0.61	24810	140	<10	10	0.5	6	0.46	7.5	9	66	118	6.92	<10
34.90	**35.36**	**0.46**	24811	110	<10	20	<0.5	<2	0.63	6	13	61	79	4.38	<10
35.36	36.27	0.91	24812	100	10	40	<0.5	<2	0.17	7.5	13	67	67	2.78	<10
36.27	37.19	0.91	24813	104	<10	30	<0.5	2	0.45	8	11	58	66	3.5	<10
37.19	37.64	0.46	24814	152	<10	20	<0.5	8	0.01	3	25	38	95	4.24	<10
37.64	38.10	0.46	24815	130	<10	20	<0.5	<2	0.14	8.5	14	61	82	5.04	<10
49.68	51.82	2.13	24816	164	<10	20	<0.5	6	0.01	1.5	28	50	115	4.44	<10
79.86	80.77	0.91	24817	60	<10	40	<0.5	8	0.01	7.5	11	63	75	3.53	<10
92.20	93.12	0.91	24818	74	<10	20	<0.5	<2	0.06	12.5	9	63	88	3.64	<10
93.12	94.03	0.91	24819	34	<10	110	<0.5	<2	0.03	17.5	8	65	67	1.81	<10
94.03	94.79	0.76	24820	46	<10	80	<0.5	<2	0.03	14	10	59	64	2.34	<10
94.79	**95.71**	**0.91**	24821	72	<10	20	<0.5	8	0.06	10.5	16	65	87	3.63	<10
95.71	97.08	1.37	24822	76	<10	20	0.5	<2	0.55	2.5	6	96	75	3.82	<10
97.08	97.99	0.91	24823	80	<10	20	<0.5	8	0.14	3	9	75	86	3.97	<10
97.99	99.21	1.22	24824	36	<10	110	<0.5	<2	0.01	9	8	69	56	1.88	<10
99.21	99.82	0.61	24825	60	<10	20	<0.5	6	0.38	7	7	76	65	3.43	<10
99.82	100.58	0.76	24826	70	<10	20	<0.5	10	0.21	9	7	89	71	3.58	<10
100.58	**100.89**	**0.30**	24827	76	10	20	0.5	2	0.74	4	11	64	62	3.76	<10
100.89	101.50	0.61	24828	66	<10	20	<0.5	6	0.01	1.5	22	54	74	3.75	<10
101.50	102.32	0.82	24829	62	<10	30	<0.5	14	0.06	8.5	14	57	74	3.35	<10
102.32	102.38	0.06	391751	105	10	40	1.6	<2	2.34	4.5	7	100	101	7.45	<10
102.38	102.57	0.18	391752	144	<10	20	<0.5	<2	0.02	8	6	91	108	8.3	<10
102.57	102.72	0.15	391753	227	<10	20	0.7	11	0.3	6.8	<1	69	157	12.4	<10
102.72	103.63	0.91	24830	118	10	10	0.5	12	0.49	10	9	86	102	5.93	<10
103.63	104.64	1.01	24831	64	10	30	0.5	<2	0.26	9.5	11	62	78	3.47	<10
104.64	105.86	1.22	24832	116	10	10	0.5	10	0.47	3	17	69	89	4.65	<10
105.86	106.98	1.13	24833	112	<10	50	<0.5	6	0.01	7.5	9	81	64	2.73	<10
117.65	118.57	0.91	24834	92	<10	30	0.5	<2	0.04	1.5	23	45	119	5.14	<10
118.57	119.33	0.76	24835	48	<10	30	0.5	<2	0.73	2.5	12	45	95	3.32	<10
119.33	120.09	0.76	24836	28	<10	60	0.5	6	1.59	2.5	7	64	77	2.24	<10
120.09	121.01	0.91	24837	26	<10	90	0.5	<2	0.77	16.5	9	48	99	2.05	<10
121.01	122.22	1.22	24838	32	<10	90	0.5	<2	0.59	9	8	51	73	2.07	<10
122.22	122.99	0.76	24839	42	<10	40	0.5	<2	0.6	10.5	10	54	94	2.49	<10
122.99	123.75	0.76	24840	54	<10	20	0.5	2	0.29	13.5	9	71	102	2.8	<10
123.75	124.66	0.91	24841	52	<10	30	0.5	<2	0.27	13	9	62	99	2.79	<10
124.66	125.58	0.91	24842	82	<10	20	0.5	<2	0.77	7.5	11	56	104	3.8	<10
125.58	127.41	1.83	24843	82	<10	30	0.5	4	1.6	5.5	13	44	119	4.24	<10
127.41	128.17	0.76	24844	22	<10	90	<0.5	<2	0.21	<0.5	9	87	31	1.99	<10

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

From (m)	To (m)	Length (m)	sample number	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)
8.23	9.24	1.01	24801	<1	0.13	<10	0.02	35	21	<0.01	104	120	12	4.15	6
11.89	12.89	1.01	24802	<1	0.14	<10	0.03	55	13	<0.01	96	150	12	4.91	8
16.31	17.28	0.98	24803	<1	0.11	<10	0.01	30	21	<0.01	122	90	12	4.6	6
20.42	21.34	0.91	24804	<1	0.1	<10	0.01	55	24	<0.01	119	120	10	3.33	6
30.48	30.94	0.46	24805	<1	0.11	<10	0.03	50	9	<0.01	76	3300	8	4.56	8
30.94	31.55	0.61	24806	<1	0.08	<10	0.01	60	24	<0.01	101	110	8	2.94	8
31.55	**32.00**	**0.46**	24807	<1	0.14	10	0.04	75	16	0.01	83	5910	12	5.12	14
32.00	33.38	1.37	24808	<1	0.09	<10	0.01	75	43	<0.01	115	230	10	4	14
33.38	34.29	0.91	24809	<1	0.11	<10	0.03	90	18	<0.01	102	1990	12	6.1	16
34.29	34.90	0.61	24810	<1	0.1	<10	0.03	170	13	<0.01	83	3200	14	7.6	18
34.90	**35.36**	**0.46**	24811	<1	0.12	<10	0.03	80	25	<0.01	98	3350	14	4.82	12
35.36	36.27	0.91	24812	<1	0.08	<10	0.01	65	26	<0.01	94	980	10	3.04	8
36.27	37.19	0.91	24813	<1	0.1	<10	0.02	70	26	<0.01	104	2500	16	3.85	10
37.19	37.64	0.46	24814	<1	0.08	<10	0.01	65	37	<0.01	83	230	16	4.59	10
37.64	38.10	0.46	24815	<1	0.1	<10	0.03	70	23	<0.01	111	1470	18	5.39	12
49.68	51.82	2.13	24816	4	0.11	<10	0.01	55	16	<0.01	71	60	14	4.74	20
79.86	80.77	0.91	24817	1	0.12	<10	0.01	40	33	<0.01	153	70	12	3.75	10
92.20	93.12	0.91	24818	1	0.12	<10	0.01	55	34	<0.01	120	260	12	3.9	20
93.12	94.03	0.91	24819	<1	0.11	<10	0.01	50	27	<0.01	103	130	6	1.99	12
94.03	94.79	0.76	24820	1	0.12	<10	0.01	55	36	<0.01	136	110	10	2.54	12
94.79	**95.71**	**0.91**	24821	1	0.11	<10	0.02	70	50	<0.01	157	430	10	3.91	16
95.71	97.08	1.37	24822	4	0.14	<10	0.03	60	3	0.01	58	3170	10	4.08	10
97.08	97.99	0.91	24823	3	0.13	<10	0.03	50	16	<0.01	91	1220	8	4.25	12
97.99	99.21	1.22	24824	1	0.09	<10	0.01	55	28	<0.01	108	160	8	2.02	8
99.21	99.82	0.61	24825	<1	0.12	<10	0.02	50	14	<0.01	80	1880	8	3.66	8
99.82	100.58	0.76	24826	<1	0.12	<10	0.02	60	18	<0.01	95	1190	12	3.83	6
100.58	**100.89**	**0.30**	24827	<1	0.15	10	0.03	50	24	0.01	108	4040	10	4.06	6
100.89	101.50	0.61	24828	<1	0.11	<10	0.01	65	45	<0.01	119	90	10	3.99	8
101.50	102.32	0.82	24829	<1	0.12	<10	0.01	90	33	<0.01	103	340	10	3.59	10
102.32	102.38	0.06	391751	2	0.16	20	0.16	97	24	0.01	84	>10000	20	7.81	13
102.38	102.57	0.18	391752	1	0.1	<10	0.02	82	12	<0.01	80	940	12	8.28	11
102.57	102.72	0.15	391753	<1	0.09	<10	0.02	175	10	0.01	79	4460	11	>10.0	21
102.72	103.63	0.91	24830	<1	0.14	<10	0.03	125	24	0.01	106	2710	12	6.42	14
103.63	104.64	1.01	24831	<1	0.13	<10	0.02	105	33	<0.01	124	1820	14	3.73	10
104.64	105.86	1.22	24832	<1	0.14	<10	0.03	65	24	0.01	87	2560	16	4.97	10
105.86	106.98	1.13	24833	2	0.08	<10	0.01	50	34	<0.01	137	120	10	2.93	4
117.65	118.57	0.91	24834	<1	0.12	<10	0.01	90	32	0.01	109	140	14	6.04	14
118.57	119.33	0.76	24835	<1	0.16	<10	0.03	65	30	0.01	105	3430	10	3.95	10
119.33	120.09	0.76	24836	<1	0.2	<10	0.05	40	8	0.01	82	7280	10	2.63	4
120.09	121.01	0.91	24837	<1	0.17	<10	0.14	135	24	0.01	92	2740	8	2.32	10
121.01	122.22	1.22	24838	<1	0.13	<10	0.09	75	16	0.01	91	2370	14	2.35	8
122.22	122.99	0.76	24839	<1	0.16	<10	0.07	80	12	0.01	75	2720	18	2.85	8
122.99	123.75	0.76	24840	<1	0.13	<10	0.03	60	20	0.01	94	1520	14	3.25	10
123.75	124.66	0.91	24841	1	0.13	<10	0.03	60	20	0.01	91	1460	14	3.19	12
124.66	125.58	0.91	24842	3	0.16	<10	0.03	45	28	0.01	140	3910	18	4.52	12
125.58	127.41	1.83	24843	<1	0.15	<10	0.77	305	29	0.03	134	1700	24	5.29	12
127.41	128.17	0.76	24844	<1	0.13	<10	0.11	75	7	0.01	33	310	18	2.12	<2

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

From (m)	To (m)	Length (m)	sample number	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
8.23	9.24	1.01	24801	<1	15	<0.01	<10	<10	46	<10	28
11.89	12.89	1.01	24802	1	18	<0.01	<10	<10	42	<10	198
16.31	17.28	0.98	24803	1	11	<0.01	<10	<10	42	<10	258
20.42	21.34	0.91	24804	1	13	<0.01	<10	<10	62	<10	536
30.48	30.94	0.46	24805	3	70	<0.01	<10	<10	136	<10	412
30.94	31.55	0.61	24806	<1	11	<0.01	<10	<10	50	<10	682
31.55	**32.00**	**0.46**	24807	4	119	<0.01	<10	<10	204	<10	700
32.00	33.38	1.37	24808	<1	17	<0.01	<10	<10	47	<10	490
33.38	34.29	0.91	24809	1	65	<0.01	<10	10	174	<10	604
34.29	34.90	0.61	24810	2	63	<0.01	<10	<10	206	<10	516
34.90	**35.36**	**0.46**	24811	3	98	<0.01	<10	10	132	<10	442
35.36	36.27	0.91	24812	1	46	<0.01	<10	<10	86	<10	600
36.27	37.19	0.91	24813	2	89	<0.01	<10	<10	116	<10	680
37.19	37.64	0.46	24814	<1	24	<0.01	<10	<10	28	<10	226
37.64	38.10	0.46	24815	3	65	<0.01	<10	10	122	<10	594
49.68	51.82	2.13	24816	1	11	<0.01	<10	<10	17	<10	174
79.86	80.77	0.91	24817	<1	14	<0.01	<10	<10	65	<10	614
92.20	93.12	0.91	24818	<1	23	<0.01	<10	<10	90	<10	938
93.12	94.03	0.91	24819	<1	11	<0.01	<10	<10	85	<10	1300
94.03	94.79	0.76	24820	<1	11	<0.01	<10	<10	82	<10	1130
94.79	**95.71**	**0.91**	24821	1	28	<0.01	<10	<10	76	<10	880
95.71	97.08	1.37	24822	2	86	<0.01	<10	<10	100	<10	272
97.08	97.99	0.91	24823	1	38	<0.01	<10	<10	100	<10	374
97.99	99.21	1.22	24824	<1	13	<0.01	<10	<10	68	<10	744
99.21	99.82	0.61	24825	1	59	<0.01	<10	<10	108	<10	596
99.82	100.58	0.76	24826	1	42	<0.01	<10	<10	107	<10	758
100.58	**100.89**	**0.30**	24827	3	142	<0.01	<10	10	122	<10	408
100.89	101.50	0.61	24828	<1	11	<0.01	<10	<10	48	<10	226
101.50	102.32	0.82	24829	<1	19	<0.01	<10	10	101	<10	764
102.32	102.38	0.06	391751	7	176	<0.01	<10	10	377	<10	353
102.38	102.57	0.18	391752	1	26	<0.01	<10	<10	127	10	524
102.57	102.72	0.15	391753	3	67	<0.01	<10	<10	210	<10	425
102.72	103.63	0.91	24830	2	67	<0.01	<10	10	213	<10	814
103.63	104.64	1.01	24831	3	64	<0.01	<10	10	137	<10	844
104.64	105.86	1.22	24832	2	89	<0.01	<10	10	94	<10	374
105.86	106.98	1.13	24833	<1	18	<0.01	<10	<10	104	<10	686
117.65	118.57	0.91	24834	1	10	<0.01	<10	<10	18	<10	218
118.57	119.33	0.76	24835	1	36	<0.01	<10	<10	56	<10	346
119.33	120.09	0.76	24836	2	58	<0.01	<10	<10	60	<10	336
120.09	121.01	0.91	24837	1	31	<0.01	<10	<10	132	<10	1370
121.01	122.22	1.22	24838	1	24	<0.01	<10	<10	82	<10	712
122.22	122.99	0.76	24839	1	37	<0.01	<10	<10	101	<10	796
122.99	123.75	0.76	24840	1	35	<0.01	<10	<10	104	<10	976
123.75	124.66	0.91	24841	1	35	<0.01	<10	<10	99	<10	994
124.66	125.58	0.91	24842	2	50	<0.01	<10	10	102	<10	734
125.58	127.41	1.83	24843	4	40	<0.01	<10	<10	161	<10	700
127.41	128.17	0.76	24844	1	14	<0.01	<10	<10	10	<10	104

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Hole Angle	Main Lithology	Mineralization	AssayReport	Au (g/t)	Ag (ppm)	Al (%)
T-01	128.17	129.39	1.22	24845	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	0.2	0.36
T-01	129.39	130.15	0.76	24846	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.34
T-01	130.15	130.91	0.76	24847	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.37
T-01	130.91	131.83	0.91	24848	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	0.2	0.39
T-01	131.83	132.89	1.07	24849	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.39
T-01	132.89	133.87	0.98	24850	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.46
T-01	133.87	134.57	0.70	391601	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.41
T-01	134.81	135.64	0.82	391602	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.46
T-01	135.64	136.55	0.91	391603	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.38
T-01	136.55	137.77	1.22	391604	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.4
T-01	137.77	138.68	0.91	391605	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.38
T-01	138.68	139.60	0.91	391606	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.3
T-01	139.60	140.67	1.07	391607	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.36
T-01	140.67	141.64	0.98	391608	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.34
T-01	141.64	142.65	1.01	391609	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.36
T-01	**142.65**	**143.56**	**0.91**	391610	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	0.04	<0.2	0.35
T-01	143.87	145.45	1.58	391611	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.34
T-01	145.45	146.46	1.01	391612	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.37
T-01	146.46	147.52	1.07	391613	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.34
T-01	147.52	148.44	0.91	391614	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.38
T-01	148.44	149.44	1.01	391615	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	0.01	<0.2	0.33
T-01	149.44	150.42	0.98	391616	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.35
T-01	150.42	151.33	0.91	391617	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.33
T-01	151.33	152.25	0.91	391618	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.31
T-01	152.25	153.01	0.76	391619	45	Synsed Brxx	5-10 Avg to 80% Py Locally	A0220836	<0.01	<0.2	0.34

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

From (m)	To (m)	Length (m)	sample number	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)
128.17	129.39	1.22	24845	14	<10	100	<0.5	<2	0.19	<0.5	10	106	27	1.88	<10
129.39	130.15	0.76	24846	18	<10	110	<0.5	2	0.31	<0.5	10	92	31	1.94	<10
130.15	130.91	0.76	24847	18	<10	90	<0.5	<2	0.66	<0.5	11	88	29	2.53	<10
130.91	131.83	0.91	24848	28	<10	20	<0.5	<2	0.28	<0.5	16	74	47	5.06	<10
131.83	132.89	1.07	24849	12	<10	80	0.5	<2	0.09	<0.5	17	27	33	2.3	<10
132.89	133.87	0.98	24850	4	<10	70	0.5	<2	0.25	<0.5	13	55	28	2.69	<10
133.87	134.57	0.70	391601	6	<10	30	<0.5	<2	0.61	0.5	14	56	38	6.37	<10
134.81	135.64	0.82	391602	12	<10	30	0.5	6	0.28	<0.5	18	27	24	4.28	<10
135.64	136.55	0.91	391603	10	<10	120	0.5	<2	0.26	<0.5	18	36	31	1.46	<10
136.55	137.77	1.22	391604	8	<10	150	0.5	<2	0.27	<0.5	9	46	27	0.91	<10
137.77	138.68	0.91	391605	6	<10	110	0.5	<2	0.08	<0.5	14	24	46	1.69	<10
138.68	139.60	0.91	391606	8	<10	90	<0.5	<2	0.25	<0.5	11	73	32	1.9	<10
139.60	140.67	1.07	391607	12	<10	70	<0.5	<2	0.11	<0.5	12	67	35	2.15	<10
140.67	141.64	0.98	391608	12	<10	90	<0.5	2	0.17	<0.5	13	61	29	2.09	<10
141.64	142.65	1.01	391609	16	<10	50	<0.5	<2	0.11	<0.5	12	66	37	3.75	<10
142.65	143.56	0.91	391610	14	<10	60	<0.5	<2	0.13	<0.5	12	44	35	3.26	<10
143.87	145.45	1.58	391611	14	<10	90	<0.5	<2	0.16	<0.5	12	58	29	2.69	<10
145.45	146.46	1.01	391612	14	<10	50	0.5	<2	0.23	<0.5	19	48	35	3.47	<10
146.46	147.52	1.07	391613	10	<10	180	0.5	2	0.13	<0.5	11	40	38	1.06	<10
147.52	148.44	0.91	391614	12	<10	170	0.5	<2	0.12	<0.5	11	47	36	1.51	<10
148.44	149.44	1.01	391615	16	<10	80	0.5	<2	0.25	<0.5	17	76	46	3.08	<10
149.44	150.42	0.98	391616	10	<10	170	0.5	<2	0.1	<0.5	8	74	28	1.02	<10
150.42	151.33	0.91	391617	10	<10	150	<0.5	<2	0.16	<0.5	12	85	41	1.07	<10
151.33	152.25	0.91	391618	8	<10	110	<0.5	<2	0.38	<0.5	10	70	20	2.46	<10
152.25	153.01	0.76	391619	4	<10	40	0.5	<2	0.3	<0.5	17	36	42	3.64	<10

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

From (m)	To (m)	Length (m)	sample number	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)
128.17	129.39	1.22	24845	<1	0.15	<10	0.27	110	3	0.01	25	290	16	2.01	<2
129.39	130.15	0.76	24846	<1	0.14	<10	0.48	195	4	0.01	26	160	16	2.05	<2
130.15	130.91	0.76	24847	<1	0.15	<10	0.33	145	5	0.01	27	120	20	2.82	<2
130.91	131.83	0.91	24848	<1	0.18	<10	0.16	75	6	0.01	58	160	32	5.92	<2
131.83	132.89	1.07	24849	<1	0.2	<10	0.09	35	<1	0.01	38	260	14	2.58	<2
132.89	133.87	0.98	24850	<1	0.17	<10	0.5	200	1	0.01	24	270	12	2.91	<2
133.87	134.57	0.70	391601	<1	0.11	<10	1.1	480	<1	0.01	30	120	20	7.72	<2
134.81	135.64	0.82	391602	<1	0.19	<10	0.65	200	<1	0.01	33	240	14	4.91	<2
135.64	136.55	0.91	391603	<1	0.16	<10	0.61	180	<1	0.01	36	160	10	1.35	<2
136.55	137.77	1.22	391604	<1	0.18	<10	0.28	70	<1	0.02	19	190	10	0.81	<2
137.77	138.68	0.91	391605	<1	0.21	<10	0.13	40	<1	0.02	23	170	14	1.74	<2
138.68	139.60	0.91	391606	<1	0.14	<10	0.18	50	2	0.01	25	160	16	1.96	<2
139.60	140.67	1.07	391607	<1	0.15	<10	0.15	50	2	0.02	24	230	20	2.25	<2
140.67	141.64	0.98	391608	<1	0.16	<10	0.27	95	3	0.02	28	210	20	2.09	<2
141.64	142.65	1.01	391609	<1	0.14	<10	0.2	65	3	0.01	28	170	28	4.13	<2
142.65	143.56	0.91	391610	<1	0.16	<10	0.23	70	1	0.02	28	120	16	3.44	<2
143.87	145.45	1.58	391611	<1	0.15	<10	0.27	110	2	0.02	25	230	20	2.64	<2
145.45	146.46	1.01	391612	<1	0.17	<10	0.38	175	2	0.02	39	270	20	3.39	<2
146.46	147.52	1.07	391613	<1	0.18	<10	0.23	90	<1	0.02	27	160	16	0.66	<2
147.52	148.44	0.91	391614	<1	0.19	<10	0.33	135	1	0.03	18	220	14	0.8	<2
148.44	149.44	1.01	391615	<1	0.16	<10	0.34	165	1	0.02	23	160	24	2.79	<2
149.44	150.42	0.98	391616	<1	0.17	<10	0.22	95	1	0.02	14	250	14	0.45	<2
150.42	151.33	0.91	391617	<1	0.16	<10	0.25	135	3	0.02	24	290	16	0.5	<2
151.33	152.25	0.91	391618	<1	0.14	<10	0.42	275	<1	0.02	19	220	22	2.11	<2
152.25	153.01	0.76	391619	<1	0.18	<10	0.45	275	<1	0.02	29	240	18	3.45	<2

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

From (m)	To (m)	Length (m)	sample number	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
128.17	129.39	1.22	24845	1	14	<0.01	<10	<10	7	<10	74
129.39	130.15	0.76	24846	1	15	<0.01	<10	<10	7	<10	78
130.15	130.91	0.76	24847	1	17	<0.01	<10	<10	9	<10	120
130.91	131.83	0.91	24848	1	18	<0.01	<10	<10	9	<10	148
131.83	132.89	1.07	24849	1	21	<0.01	<10	<10	4	<10	72
132.89	133.87	0.98	24850	3	22	<0.01	<10	<10	8	<10	54
133.87	134.57	0.70	391601	3	17	<0.01	<10	<10	9	<10	62
134.81	135.64	0.82	391602	3	28	<0.01	<10	<10	8	<10	74
135.64	136.55	0.91	391603	3	33	<0.01	<10	<10	6	<10	42
136.55	137.77	1.22	391604	1	39	<0.01	<10	<10	5	<10	36
137.77	138.68	0.91	391605	1	25	<0.01	<10	<10	6	<10	58
138.68	139.60	0.91	391606	1	31	<0.01	<10	<10	5	<10	48
139.60	140.67	1.07	391607	1	29	<0.01	<10	<10	5	<10	68
140.67	141.64	0.98	391608	1	31	<0.01	<10	<10	6	<10	80
141.64	142.65	1.01	391609	1	27	<0.01	<10	<10	5	<10	50
142.65	**143.56**	**0.91**	391610	1	29	<0.01	<10	<10	6	<10	34
143.87	145.45	1.58	391611	1	36	<0.01	<10	<10	4	<10	48
145.45	146.46	1.01	391612	1	42	<0.01	<10	<10	5	<10	164
146.46	147.52	1.07	391613	1	33	<0.01	<10	<10	5	<10	28
147.52	148.44	0.91	391614	1	30	<0.01	<10	<10	5	<10	46
148.44	149.44	1.01	391615	1	28	<0.01	<10	<10	5	<10	60
149.44	150.42	0.98	391616	1	29	<0.01	<10	<10	5	<10	54
150.42	151.33	0.91	391617	3	29	<0.01	<10	<10	5	<10	50
151.33	152.25	0.91	391618	1	29	<0.01	<10	<10	5	<10	58
152.25	153.01	0.76	391619	2	33	<0.01	<10	<10	5	<10	86

Hole location: UTM E 583815, UTM N 7104676

Azimut: 210
Angle: -45
Total Depth: 153m

[redacted] DIAMOND DRILL LOG [redacted]

CLAIM NO: Tanner # 4
PROJECT: Tanner

Area	Latitude	Bearing 030°	Date Started	Hole No. T02-02
Contractor CAron	Departure	Inclination @ collar 45°	Date Completed June 28	Logged by JP
Core Size TW BQ	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 502 ft 153 m.	Sheet 1/7
		Inclination @ ____ m, ____		

	FROM (m)	TO (m)	RECOVERY INTERVAL (m)	GEOLOGICAL DESCRIPTION	Py %	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So (Ag content)	Si	Au (g/tonne)
Box1	0	57'	>2%	overburden to muddy Graphitic shales, overall recovery <2%								
	57-	70	40%	57-92 ft weakly to moderately graphitic black mudstones/Argillites					57ft	45°?	0°-?Y	
				w weak to moderately defined Py bearing (So). Recovery					63 ft	90°	0° Y	
Box2	70	71	60%	generally poor (broken pieces to 1 1/2" to "Peter Chips"). Rx competence	2-4				68 ft	45°	45° Y	
	71	73	70%	increased towards 90-92 ft, also w/ Py content.	2-4				74.5	50°	50° //	
	73	74.5	70%	Rx competent 92 to 110, weakly graphitic Py 6-10%	2-4				84	45°	45° //	
	74.5	76.5	80%	TYPE SAMPLE @ 94.5 to 97.7 → 391620	2-4	391620	94.5	97.7				
	76.5	78	80%	1.5 ft section 108 → 109.5 semi massive (30-40%) laminated	2-4				86	0°	90° Y	
	78	80.5	100% //	Py section (PHOTO), similar to T-01-02 sections	2-6	391621	108	109.5	88	45°	45° //	
	80.5	82	"	110 to 115	2-4				94.5	35°	35° //	
	82	84	80		2-4				99	55°	55° //	
	84	85	80		2-4							
Box3	85	86	100						102	55°	55° //	
	86	90	>95		4-6				107	55	55 //	
	90	92	>95		6-8				109	65	65 //	
	92	94.5	>95		6-8				111	?	35° ?	
	94.5	99	>95		6-10				113	45°	45° //	
	99	102	100		6-8				115	40°	40° //	
Box4	102	107	"		6-8							
	107	109	"		10-40							
	109	111	"		5-30							
	111	113	"		6-8							
	113	115	"		6-8							

DIAMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No. T02/02
Contractor	Departure	Inclination @ collar ____	Date Completed 28/06	Logged by JP
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 502 m.	Sheet 2/7
		Inclination @ ____ m, ____		

	FROM (m)	TO (m)	Recov. INTERVAL (m)	GEOLOGICAL DESCRIPTION	PY % FREQ	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So Au (oz/ton)	So S1	So Au (g/tonne)
BOX 5	115	117	>80	115 to 136.5 – black argillites/mudstones, moderately to strongly	2-6				120.5	30°	30° //	
	117	118	>80	graphitic, weakly to well defined Py So bands up to 0.5cm. Recovery	2-6				122.5	20°	20° //	S_2?
	118	120.5	>80	poor (muddy chips), local areas of Brec+Qz Flooding/veining up to	4-6				127.5	30°	30° //	
	120.5	122.5	>80	1ft. @ 118-118.5, 124.5-125, 125.5-126, 127.5-129.5, 134.5-137	2-4							
	122.5	125	>80		2-4				132.5	50°	50° //	
	125	127.5	>80	136.5 to 165 Baritic, Pyritic bedded/laminated shales	2-4				139	45°	45° //	
	127.8	128.5	>80	Barite Rich laminae light gray color w/darker muds between	2-4				144	40°	40° //	
BOX 6	128.5	129.5	>90	layers 1 to 3mm thick w Ba rich layers up to 5mm locally	4-6							
	129.5	131	50%	loss of core / Py Present, f. gr, 5-15% overall, possibly higher but	6-8	391622	136.5	139.7	147.5	35°	35° //	
	131	132.5	60%	around Qz veining / difficult to evaluate due to fine grain size + dark muddy	6-8	623	139.7	143	155	60°	60° //	
	132.5	135	75%	matrix. Qz veining +/- fracturation common through interval	6-8	624	143	146.3	157.5	0°	20° Y	
	135	139	>90	(total <5% Ex). Section more competent than shales.	5-15	625	146.3	149.5	164	0°	35° Y	
	139	145	100%		5-15	626	149.5	152.8	171.5	10°	45 Y	
BOX 7	145	147.5	"	165 to 176 black argillites, As 115 to 136.5	5-15	627	152.8	155	175.5	20°	20° //	
	147.5	151	"		5-15	628	155	157.3				
	151	155	"		5-15	629	157.3	160.5				
	155	157.5	"		"	630	160.5	163.7				
	157.5	160	"		"	631	163.7	167				
	160											
BOX 8	160.5	164	"		"							
	164	168.5	"		5-15							
	168.5	171.5	"		4-8							
	171.5	174	"		4-8							
	174	175.5	"		4-8							

DIAMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No. T02-02	
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP	
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____ Inclination @ ____ m, ____	Total Length 502 ft m.	Sheet 3/7	

	FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So Ax (core)	So S1	ANALYSES Au (g/tonne)
Box 9	175.5	178	100	175.5 → 199.5 black mudstones w/ minor clay altn overall	2-4				178	~0-10°	20° Y	
	178	180.5	"	weakly graphitic. weakly to moderately foliated. Py banding	2-4				180	20°	50° Y	
	180.5	183.5	"	weak to moderate, generally widely spaced 1-2m bands per	2-4				185	0°	60° Y	
	183.5	188.5	"	4-5cm sections. some Qz vnlets along S1, few boudin	2-4				190	30°	60° Y	
	188.5	191.5	"	of coarser Py, often boudinaged along Sd/S1. Generally fairly	2-4				191.5	60°	60° Y	
				competent, good to excellent recovery.					196.5	70°	70° //	
Box 10	191.5	196.5	"		2-4				203	65°	65° //	
	196.5	199.5	"	Py/sulph content increases @ 199.5 to 6-8%, // So in slightly	6-8							
	199.5	203	"	harder, more competent sequence of silty mudstone. Sampled	6-8				208	70°	45° Y	
	203	207.2	"	203 to 206.3 for background check 391632.	6-8	391632	203	206.2	212	80°	35° Y	
									220.6	55°	55° //	
Box 11	207.2	208	90%	207.2 to 212, AS ABOVE, black mudstone, weakly to locally moderately	6-10	391633	208.7	212	225	45°	45° //	
	208	212	>80%	graphitic, Good S1 Partings, 6-10% Py overall in Thin (1-2mm) So Bands	6-10	634	212	215.3	235	40°	40° //	
	212	215	>95%	as well as disseminated/stacked through mud and as f.gr. massive Py bands 2-3mm	10-25	635	215.3	218.6				
	215	220.5	"	across.	5-15	636	218.6	221.9				
	220.5	224	"	212 to 234 Fine grained black mudstones w/ locally light gray beds/bands	5-15	637	225.2	228.5				
				up to 1cm thick, appears to be tuffaceous but strong clay alteration present.		638	228.5	231.8				
Box 12	224	229	>95%	Ba beds fold, break and boudin out locally giving interval a brecciated like	5-15	639	231.8	235.1				
	229	231	"	Texture (black matrix w/ Grey sub angular "clasts". Fgr. Py throughout in matrix	"	640	235.1	238.4				
	231	234	"	and in thin beds as well as Py clasts + recrystallized blebs. Section from	"	641	238.4	241.7				
	234	239	"	214 to 219 w/ thick (up to 5cm) massive Py bands w/ classical sedex	5-10							
	239	241.5	"	style bedding in black mudstone +/- ba bands & soft sediment deformation	5-15							
				textures (PHOTOS INCL). occasional bands of coarser sedo through								
				mud (Greywackes) w grains/clasts up to 5mm, sub angular. SST intervals 234-239								
				often Brecc w Py infilling along fractures.								

[redacted]AMOND DRILL LOG

CLAIM NO: Tanner
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No. T02-02
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 4/7
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)	S	Au (g/tonne)
241.5	244.5	80%	~~241.5~~ 241.5 to 317.5 → synsed brxx w black mudstone matrix &	5-15	SHANE'S SAMPLE LOES FROM HERE						
244.5	247	>85	dominantly Ba → alt'd to clay broken bands and clasts. locally	"				247	?	50°	
247	249.5	>95	Greywacke intervals and clasts. Interval from 241.5 to 317.5 shows	"				250	55°	55°//	
249.5	254.5	>90	excellent synsed brxx relationship w/ brxx bands 1cm to 10ft	"				254.5	50°	50°//	
254.5	256.5	>95	alternating w more quiescent periods represented by undisturbed,	"				256.5	45	45//	
256.5	258	75	well bedded mudstones w/ Py + Ba bands as well as sandstone intervals	"				258	60	60//	
258	261	>90	Amount of sulphides generally difficult to evaluate due to fine gr	"				264.5	50°	90° Y	
261	264.5	>95	Sulphides (diss + bands) in black mud matrix, presence of variable	"				268.5	//	80 ?	
264.5	268.5	100	% of mineralized/unmineralized clasts as well as presence of clasts	"				271.5	50°	65° Y	
268.5	271.5	>80	1cm to 10cm of massive Py in brxx. Generally the brxx can	10-20							
271.5	274	>95	host 5-20% sulphides but individual intervals can vary from 0-2%	5-15							
			to 20-30% over 10cm. individual bands or beds of Py can be 1cm to					276	90°	35° Y	
274	276	>95	4cm thick. Sulphide Types (5) as described for T01-02	10-25				278.5	50°	50°//	
276	278.5	75%	271.5 → PHOTO/video small 3cm band brxx w well bedded bands above/	10-25				289	90°	60° Y	
278.5	282	75%	below. evidence for synsed brxx. local areas of Qz veining +/- Cc,	5-10				295	65°	65°//	
282	285	75%	Generally in areas of poor recovery. Abundant Qz between 284 to	5-10							
285	288	75%	295	5-15				305	70°	70°//	
288	292	75%		5-15				312	//	50°//	
292	295	50%		5-10				316	?	50°	
295	297	50%		5-10							
297	300	10%		5-10							
300 ~~&~~ 302	302 304			5-10							
304	305.5			5-10							
305.5	307.5			5-15							
307.5	309			"							
309	310.5			"							
310.5	314			"							
314	318										

Box 13
Box 14
Box 15
Box 16

DIAMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started / Hole No. TO2-02
Contractor	Departure	Inclination @ collar ____	Date Completed / Logged by JP
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m. / Sheet 5/7
		Inclination @ ____ m, ____	

	FROM (m)	TO (m)	RECOVERY INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	SO ANALYSES Au (oz/ton)	Si	Au (g/tonne)
Box 17	318	320	>80	318-359, brxx, AS ABOVE, overall less barite and more py rich	5-10				320	080	70° Y	
	320	322	>80	black mud matrix supported brxx (PHOTO at 343), STARTING @ +/-328ft	5-15				328	?	?	
	322	324	>90	sandy intervals more common, at 324-326.5, 340-341, 342-343, 351.7 to	5-15				332	0°	0° // ?	
	324	326	>90	352.7. STRONG clay alt'n throughout. absent to weak Graphite.	5-10				338	80°	80° //	
	326	328	>90	357 → 386	5-15				344	35	35 //	
	328	330	80%	mixed brxx, mudstone and dominantly dark grey to black	10-20				352	60	60 //	
	330	332	>95	chloritic SST. Fine to med gr. SST 70-80% clear to white (STRAINED)	10-20				360	45	45 //	
	332	335	>80	Qz grains w 5-15% chloritic F.gr. MATRIX and 5-10% clasts, up to	10-20				375	65°	65 //	
Box 18	335	340	>95	4-5cm, MOSTLY ANGULAR argillite (RIP UP CLASTS) BUT also possible	10-20				382	50°	30° Y	
	340	342	>95	clasts OF intrusive Rx (diorite or alt'd Gabbro) in section from 380 to 384.	10-20				386	22?	80° Y	
	342	344	>95	large 5cm sulphide (Py) clast @ 360.3 (part of sample 391678) →	10-26							
	344	348	>95	PHOTO	10-25							
	348	352	>95	MASSIVE Py Lenses (well crystalized orange py for massive) @ 362 - 3cm,	10-20							
	352	353	>95	366 - 2cm, 370 - 5cm (euhedral crystals 1-3mm 80% in Qz clear to white,	10-20							
Box 19	353	355.5	"	sharp contacts above/below w/ brxx). → PHOTO	5-15							
	355.5	357	"		4-8							
	357	360	"	386 → 437 black, moderately to locally strongly graphitic	5-10							
	360.5	365.5	"	mudstone. see next page	5-10							
	365.5	370.5	"		5-10							
Box 20	370.5	375.5	"		4-8							
	375.5	381	"		4-8							
	381	386	"		4-8							
	386	387	"		4-8							

[redacted]AMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No.	T-02-02
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by	JP
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 402 ft. m.	Sheet	6/7
		Inclination @ ____ m, ____			

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)	Si	Au (g/tonne)	
387	388.5	>90	387 → 436.5 black carbonaceous f.gr mudstone, ~~to~~ moderately	2-4				388.5	?	50°		
388.5	392	>90	to strongly graphitic w/ about white speckles 1-3mm of white	"				395	55°?	55° //		
392	395	>80	Qz, often as shadows on small Py crystals. Bedding indistinct	"				402	?	50°	Crenulated	
395	398.5	50%	due to Fgr (massive) nature of mudst.	"				407.5	?	45°		
398.5	398	>60	Recovery very poor 392 → 403.5	"				411.5	?	50°		
398	400	>90	overall low Py content except section from 413 to 415 where	"				414.5	~~~	55° y		
400	402	>90	F gr pyrite bands +/- Grey baryte boudins are noted. Py bands	"				418.5	?	85°		
402	403.5	>90	show typical soft sed def and are "nicked" by hole.	"				422	?	65°		
403.5	407.5	>95		2-4				427.5	?	85°		
407.5	411.5	>95	So banding starts being visible again @ +/- 432 Ft	2-4				432		75° crenulated		
411.5	415.5	>95	WHITE bull Qz veining to 20cm over section from 429 to 436	2-8				436	~~~	35° ±	Si, erial	Planar
415.5	418.5	>95	(overall +/- 50% of section). No sulphides visible in Qz	2-4								
418.5	422	"	@ 436.5, contact w/ underlying unit TO EOH	"				440	80°	?		
422	427.5	"	CONTACT appears sharp but conformable to	"				444.5	80°	?		
427.5	429	"	Bedded baryte + Pyritic black mudstone unit.	"				440	55°	?		
429	432	"	Well laminated unit. laminae <1mm to 2cm w bands of	"				453	60°	?		
432	436	"	black, vfgr mudstone w/ about fine gr py +/- small crystals w	"								
436	441	~100%	silvery metallic sheen (only seen when core dry, when wet Py bands	2-8								
441	444.5	"	and Py in matrix become more apparent) alternating w/ white	2-8								
444.5	449	"	Bands of semi massive to massive baryte w local interclast	2-8								
449	452	"	~~452~~ crystalline masses observed (blasted crystals). Py content	2-8								
452	454.5	"	locally varies between 20% to 80%. Core generally very	2-8								
			competent and 5° foliation dominates: other sets weakly									
			to absently developed. Core heavy and appears to									
			have a siliceous component (syngen exhalat si ??)									

Box 21
Box 22
Box 23
Box 24

DIAMOND DRILL LOG

CLAIM NO:
PROJECT:

Area	Latitude	Bearing	Date Started	Hole No. T-02-02
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP (07-04 Finish)
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 7/7
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	Recovery INTERVAL (m)	GEOLOGICAL DESCRIPTION	RQD % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So ANALYSES Au (oz/ton)	Si	Au Sx (g/tonne)
Box 25											
454.5	457	100%	@ 452 20cm interval massive locally recrist Lavite								
457	460	|	vein.					460	50°		
460	465	|	Overall sulphide content difficult to evaluate due to very					465	40°		
465	470	|	crystal size + IF Sph Cpy randomly distributed throughout, it may be					470	35°		
470	472	|	black & mixed in background mud.					474.5	30°		
472	474.5		Interval interpreted as reservoir quiet basin deposition to					482	15°		
474.5	479		hydrothermal component. Weakly to very moderately					487	0°		
479	482		graphitic throughout.					492	0°		
482	487							494	30°		
487	490							497	20°		
490	492							500	0-45°		
492	497										
497	502	V						502	85°		

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Hole Angle	Main Lithology	Mineralization	AssayReport	Au (g/t)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)
T-02	28.80	29.78	0.98	391620	45	Black shale	2-4% Py	A0220836	0.01	1.4	0.41	118	<10	30
T-02	32.92	33.38	0.46	391621	45	Black shale	30-40% Pyrite, Laminated, Ba	A0220836	0.01	3.8	0.31	240	<10	10
T-02	41.61	42.58	0.98	391622	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	1	0.19	118	<10	80
T-02	42.58	43.59	1.01	391623	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	1	0.2	104	<10	90
T-02	43.59	44.59	1.01	391624	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	1.4	0.22	144	<10	60
T-02	44.59	45.57	0.98	391625	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	1	0.22	150	<10	40
T-02	45.57	46.57	1.01	391626	45	Black shale	5-15% Py, laminated, Ba	A0220836	0.02	1	0.25	136	<10	60
T-02	46.57	47.24	0.67	391627	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	0.6	0.2	70	<10	80
T-02	47.24	47.95	0.70	391628	45	Black shale	5-15% Py, laminated, Ba	A0220836	0.03	1	0.23	132	<10	30
T-02	47.95	48.92	0.98	391629	45	Black shale	5-15% Py, laminated, Ba	A0220836	0.07	0.8	0.23	146	<10	20
T-02	48.92	49.90	0.98	391630	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	1.2	0.23	212	<10	30
T-02	49.90	50.90	1.01	391631	45	Black shale	5-15% Py, laminated, Ba	A0220836	<0.01	0.8	0.18	102	<10	60
T-02	61.87	62.85	0.98	391632	45	Silty mudstone	6-8% Py	A0220836	<0.01	1	0.3	140	<10	30
T-02	63.61	64.62	1.01	391633	45	black mudstone	6-10% Py	A0220836	0.01	1	0.33	148	<10	10
T-02	64.62	65.62	1.01	391634	45	black mudstone	5-15% Py, massive bands to 5 cm	A0220836	<0.01	0.2	0.34	28	<10	20
T-02	65.62	66.63	1.01	391635	45	black mudstone	5-15% Py massive bands to 5cm	A0220836	<0.01	<0.2	0.36	24	<10	10
T-02	66.63	67.64	1.01	391636	45	black mudstone	5-15% Py	A0220836	<0.01	<0.2	0.4	22	<10	40
T-02	68.64	69.65	1.01	391637	45	black mudstone	5-15% Py	A0220836	<0.01	<0.2	0.54	26	<10	50
T-02	69.65	70.65	1.01	391638	45	black mudstone	5-15% Py	A0220836	<0.01	<0.2	0.4	20	<10	60
T-02	70.65	71.66	1.01	391639	45	black mudstone	5-10% Py	A0220836	<0.01	<0.2	0.45	22	<10	50
T-02	71.66	72.66	1.01	391640	45	black mudstone	5-10% Py	A0220836	<0.01	<0.2	0.27	18	<10	50
T-02	72.66	73.67	1.01	391641	45	sandstone	5-15% Py	A0220836	<0.01	<0.2	0.35	10	<10	60
T-02	73.61	74.62	1.01	391642	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.31	14	<10	70
T-02	74.62	75.62	1.01	391643	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.28	24	<10	60
T-02	75.62	76.63	1.01	391644	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.37	14	<10	120
T-02	76.63	77.63	1.01	391645	45	Syns Bnx	5-15% Py	A0220836	<0.01	0.2	0.34	26	<10	60
T-02	77.63	78.64	1.01	391646	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.37	8	<10	130
T-02	78.64	79.64	1.01	391647	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.37	14	<10	100
T-02	79.64	80.65	1.01	391648	45	Syns Bnx	5-15% Py	A0220836	<0.01	0.2	0.37	22	<10	50
T-02	80.65	81.66	1.01	391649	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.33	16	<10	70
T-02	81.66	82.66	1.01	391650	45	Syns Bnx	10-20% Py	A0220836	<0.01	0.2	0.32	22	<10	30
T-02	82.66	83.67	1.01	391651	45	Syns Bnx	10-25% py	A0220836	<0.01	<0.2	0.38	18	<10	60
T-02	83.67	84.67	1.01	391652	45	Syns Bnx	10-25% py	A0220836	0.01	<0.2	0.26	20	<10	40
T-02	84.67	85.68	1.01	391653	45	Syns Bnx	5-10% Py	A0220836	<0.01	0.2	0.29	20	<10	20
T-02	85.68	86.69	1.01	391654	45	Syns Bnx	5-10% Py	A0220836	0.03	<0.2	0.28	26	<10	60
T-02	86.69	87.69	1.01	391655	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.29	30	<10	60
T-02	87.69	88.70	1.01	391656	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.27	12	<10	160
T-02	88.70	89.70	1.01	391657	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.26	14	<10	230
T-02	89.70	90.71	1.01	391658	45	Syns Bnx	5-10% Py	A0220836	<0.01	0.2	0.27	26	<10	190
T-02	90.71	91.71	1.01	391659	45	Syns Bnx	5-10% Py	A0220836	0.02	<0.2	0.39	10	<10	230
T-02	91.71	92.72	1.01	391660	45	Syns Bnx	5-10% Py	A0220836	<0.01	<0.2	0.29	18	<10	80
T-02	92.72	93.73	1.01	391661	45	Syns Bnx	5-15% Py	A0220836	<0.01	0.2	0.29	38	<10	40
T-02	93.73	94.73	1.01	391662	45	Syns Bnx	5-15% Py	A0220836	<0.01	0.2	0.28	34	<10	50
T-02	94.73	95.74	1.01	391663	45	Syns Bnx	5-15% Py	A0220836	<0.01	<0.2	0.31	34	<10	10
T-02	95.74	96.74	1.01	391664	45	Syns Bnx	5-15% Py	A0220836	<0.01	0.2	0.31	34	<10	50
T-02	96.74	97.75	1.01	391665	45	Syns Bnx	5-15% Py	A0220836	0.03	<0.2	0.32	26	<10	60
T-02	97.78	98.76	0.98	391666	45	Syns Bnx	5-10% Py	A0220836	<0.01	<0.2	0.3	18	<10	160
T-02	98.76	99.76	1.01	391667	45	Syns Bnx	5-15% Py	A0220836	0.15	<0.2	0.19	22	<10	70
T-02	99.76	100.77	1.01	391668	45	Syns Bnx	10-20% Py	A0220836	<0.01	<0.2	0.29	18	<10	40
T-02	100.77	101.77	1.01	391669	45	Syns Bnx	10-20% Py	A0220836	<0.01	<0.2	0.42	36	<10	40
T-02	101.77	102.78	1.01	391670	45	Syns Bnx	10-20% Py	A0220836	<0.01	<0.2	0.42	24	<10	40
T-02	102.78	103.78	1.01	391671	45	Syns Bnx	10-20% Py	A0220836	<0.01	<0.2	0.33	20	<10	40
T-02	103.78	104.79	1.01	391672	45	Syns Bnx	10-20% Py	A0220836	0.01	<0.2	0.32	14	<10	100
T-02	104.79	105.80	1.01	391673	45	Syns Bnx	10-25% Py	A0220836	<0.01	<0.2	0.4	16	<10	50

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)
T-02	28.80	29.78	0.98	391620	1	<2	1.22	2.5	21	41	97	4.73	<10	<1	0.09	<10	0.62
T-02	32.92	33.38	0.46	391621	<0.5	2	0.1	8.5	7	84	121	9.36	<10	<1	0.08	<10	0.01
T-02	41.61	42.58	0.98	391622	<0.5	<2	0.01	6	11	156	57	2.23	<10	<1	0.06	<10	0.01
T-02	42.58	43.59	1.01	391623	<0.5	2	<0.01	2	10	143	47	2.15	<10	<1	0.07	<10	<0.01
T-02	43.59	44.59	1.01	391624	<0.5	4	<0.01	9	12	128	64	2.57	<10	<1	0.07	<10	0.01
T-02	44.59	45.57	0.98	391625	<0.5	<2	<0.01	4	11	113	58	3.13	<10	<1	0.08	<10	<0.01
T-02	45.57	46.57	1.01	391626	<0.5	<2	<0.01	7.5	11	127	60	2.55	<10	<1	0.08	<10	<0.01
T-02	46.57	47.24	0.67	391627	<0.5	<2	<0.01	13	6	136	42	1.56	<10	<1	0.06	<10	<0.01
T-02	47.24	47.95	0.70	391628	<0.5	2	<0.01	7	11	102	43	3.01	<10	<1	0.09	<10	<0.01
T-02	47.95	48.92	0.98	391629	<0.5	<2	<0.01	19.5	10	153	45	2.78	<10	<1	0.05	<10	<0.01
T-02	48.92	49.90	0.98	391630	<0.5	<2	<0.01	3	13	121	64	3.95	<10	1	0.07	<10	<0.01
T-02	49.90	50.90	1.01	391631	<0.5	<2	<0.01	2	6	151	35	2.05	<10	<1	0.05	<10	<0.01
T-02	61.87	62.85	0.98	391632	<0.5	<2	0.05	2.5	11	65	60	3.67	<10	<1	0.11	<10	0.01
T-02	63.61	64.62	1.01	391633	<0.5	<2	0.01	5.5	17	44	84	6.6	<10	<1	0.12	<10	0.01
T-02	64.62	65.62	1.01	391634	0.5	2	0.12	<0.5	16	45	40	4.53	<10	<1	0.16	<10	0.07
T-02	65.62	66.63	1.01	391635	<0.5	<2	0.41	<0.5	17	26	42	5.75	<10	<1	0.19	<10	0.21
T-02	66.63	67.64	1.01	391636	<0.5	<2	1.64	<0.5	13	62	31	3.14	<10	<1	0.17	<10	0.66
T-02	68.64	69.65	1.01	391637	0.5	8	6.1	0.5	10	29	32	3.68	<10	1	0.19	<10	3.45
T-02	69.65	70.65	1.01	391638	<0.5	4	2.79	<0.5	12	35	28	3.15	<10	1	0.18	<10	1.53
T-02	70.65	71.66	1.01	391639	0.5	<2	7.58	0.5	9	29	25	3.33	<10	1	0.13	<10	4.38
T-02	71.66	72.66	1.01	391640	<0.5	4	1.8	<0.5	10	103	27	2.91	<10	1	0.11	<10	0.97
T-02	72.66	73.67	1.01	391641	<0.5	<2	1.21	<0.5	9	77	21	2.42	<10	<1	0.15	<10	0.62
T-02	73.61	74.62	1.01	391642	<0.5	<2	0.72	<0.5	10	81	21	1.86	<10	<1	0.14	<10	0.31
T-02	74.62	75.62	1.01	391643	<0.5	2	0.11	<0.5	8	45	27	2.22	<10	<1	0.16	<10	0.02
T-02	75.62	76.63	1.01	391644	<0.5	<2	0.06	<0.5	7	38	18	1.14	<10	<1	0.22	<10	0.04
T-02	76.63	77.63	1.01	391645	<0.5	<2	0.03	<0.5	14	45	31	2.75	<10	<1	0.2	<10	0.05
T-02	77.63	78.64	1.01	391646	<0.5	<2	0.03	<0.5	4	38	24	1.24	<10	<1	0.23	<10	0.06
T-02	78.64	79.64	1.01	391647	<0.5	2	0.21	<0.5	10	29	29	1.81	<10	<1	0.23	<10	0.2
T-02	79.64	80.65	1.01	391648	<0.5	2	0.02	<0.5	11	25	41	3.36	<10	<1	0.22	<10	0.12
T-02	80.65	81.66	1.01	391649	<0.5	<2	0.03	<0.5	10	27	31	2.54	<10	<1	0.2	<10	0.12
T-02	81.66	82.66	1.01	391650	<0.5	<2	0.06	<0.5	10	41	28	5.11	<10	<1	0.18	<10	0.15
T-02	82.66	83.67	1.01	391651	0.5	<2	0.07	<0.5	13	29	27	3.13	<10	<1	0.22	<10	0.31
T-02	83.67	84.67	1.01	391652	<0.5	<2	0.12	<0.5	11	51	25	3.81	<10	<1	0.15	<10	0.15
T-02	84.67	85.68	1.01	391653	<0.5	<2	0.52	0.5	9	59	36	5.84	<10	<1	0.16	<10	0.45
T-02	85.68	86.69	1.01	391654	<0.5	<2	0.21	<0.5	11	64	27	3.27	<10	<1	0.16	<10	0.29
T-02	86.69	87.69	1.01	391655	<0.5	<2	0.08	<0.5	8	138	27	2.9	<10	<1	0.14	<10	0.07
T-02	87.69	88.70	1.01	391656	<0.5	<2	0.01	<0.5	5	88	17	0.88	<10	<1	0.16	<10	0.05
T-02	88.70	89.70	1.01	391657	<0.5	<2	0.11	<0.5	6	104	15	1.17	<10	<1	0.14	<10	0.08
T-02	89.70	90.71	1.01	391658	<0.5	<2	0.13	0.5	12	107	28	1.49	<10	<1	0.15	<10	0.13
T-02	90.71	91.71	1.01	391659	<0.5	<2	0.01	<0.5	4	48	15	0.49	<10	<1	0.22	<10	0.03
T-02	91.71	92.72	1.01	391660	<0.5	2	0.01	0.5	6	53	28	2.08	<10	<1	0.14	<10	0.02
T-02	92.72	93.73	1.01	391661	<0.5	<2	0.01	<0.5	14	41	22	3.79	<10	<1	0.16	<10	0.06
T-02	93.73	94.73	1.01	391662	<0.5	<2	0.02	<0.5	8	61	22	3.18	<10	<1	0.16	<10	0.06
T-02	94.73	95.74	1.01	391663	<0.5	<2	0.01	<0.5	9	45	27	4.49	<10	<1	0.18	<10	0.06
T-02	95.74	96.74	1.01	391664	<0.5	<2	0.02	<0.5	15	45	31	3.42	<10	<1	0.18	<10	0.07
T-02	96.74	97.75	1.01	391665	<0.5	<2	0.24	<0.5	17	97	31	2.45	<10	<1	0.17	<10	0.3
T-02	97.78	98.76	0.98	391666	<0.5	<2	0.54	<0.5	9	71	20	1.26	<10	<1	0.16	<10	0.33
T-02	98.76	99.76	1.01	391667	<0.5	<2	2.7	<0.5	6	127	13	2.15	<10	<1	0.09	<10	1.36
T-02	99.76	100.77	1.01	391668	<0.5	<2	0.96	<0.5	10	79	22	2.64	<10	<1	0.14	<10	0.49
T-02	100.77	101.77	1.01	391669	0.5	2	0.97	<0.5	19	71	41	3.62	<10	<1	0.17	<10	0.58
T-02	101.77	102.78	1.01	391670	0.5	<2	0.22	<0.5	16	35	35	3.66	<10	<1	0.2	<10	0.27
T-02	102.78	103.78	1.01	391671	0.5	<2	1.6	<0.5	15	64	40	4.83	<10	<1	0.16	<10	0.93
T-02	103.78	104.79	1.01	391672	0.5	4	0.98	<0.5	12	71	27	1.89	<10	<1	0.16	<10	0.52
T-02	104.79	105.80	1.01	391673	0.5	<2	0.1	<0.5	17	27	49	3.43	<10	<1	0.19	<10	0.28

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)
T-02	28.80	29.78	0.98	391620	405	39	0.01	99	710	8	5.58	16	7	84	<0.01	<10	<10
T-02	32.92	33.38	0.46	391621	65	11	0.01	86	1450	4	>10.00	16	1	144	<0.01	<10	<10
T-02	41.61	42.58	0.98	391622	30	63	<0.01	150	250	8	2.42	8	1	35	<0.01	<10	<10
T-02	42.58	43.59	1.01	391623	25	46	<0.01	135	210	10	2.33	8	1	27	<0.01	<10	<10
T-02	43.59	44.59	1.01	391624	30	68	<0.01	158	190	12	2.9	10	1	59	<0.01	<10	<10
T-02	44.59	45.57	0.98	391625	25	79	<0.01	180	140	8	3.57	10	1	32	<0.01	<10	<10
T-02	45.57	46.57	1.01	391626	30	92	<0.01	191	230	12	2.85	10	1	72	<0.01	<10	<10
T-02	46.57	47.24	0.67	391627	40	23	<0.01	84	290	6	1.63	4	1	43	<0.01	<10	<10
T-02	47.24	47.95	0.70	391628	30	52	<0.01	157	160	10	3.42	6	1	12	<0.01	<10	<10
T-02	47.95	48.92	0.98	391629	45	43	<0.01	128	320	10	3.1	6	1	25	<0.01	<10	<10
T-02	48.92	49.90	0.98	391630	20	67	<0.01	163	200	16	4.5	10	1	15	<0.01	<10	<10
T-02	49.90	50.90	1.01	391631	20	27	<0.01	108	230	6	2.19	4	1	25	<0.01	<10	<10
T-02	61.87	62.85	0.98	391632	25	50	0.01	155	440	10	4.27	6	1	76	<0.01	<10	<10
T-02	63.61	64.62	1.01	391633	45	83	0.01	228	170	16	8.15	6	1	15	<0.01	<10	<10
T-02	64.62	65.62	1.01	391634	155	4	0.01	45	160	18	5.38	<2	1	12	<0.01	<10	<10
T-02	65.62	66.63	1.01	391635	530	<1	0.01	44	150	18	7.11	<2	1	15	<0.01	<10	<10
T-02	66.63	67.64	1.01	391636	395	1	0.01	31	240	16	3.81	<2	3	46	<0.01	<10	<10
T-02	68.64	69.65	1.01	391637	945	1	0.05	25	190	12	4.82	<2	4	99	<0.01	<10	<10
T-02	69.65	70.65	1.01	391638	475	1	0.03	28	140	12	3.95	<2	3	70	<0.01	<10	<10
T-02	70.65	71.66	1.01	391639	1585	1	0.06	21	180	6	4.24	<2	5	152	<0.01	<10	<10
T-02	71.66	72.66	1.01	391640	565	1	0.02	25	100	12	3.42	<2	3	30	<0.01	<10	<10
T-02	72.66	73.67	1.01	391641	230	1	0.01	22	410	10	2.72	<2	1	38	<0.01	<10	<10
T-02	73.61	74.62	1.01	391642	125	1	0.01	22	730	14	1.95	<2	1	34	<0.01	<10	<10
T-02	74.62	75.62	1.01	391643	40	3	0.01	23	490	26	2.45	<2	<1	25	<0.01	<10	<10
T-02	75.62	76.63	1.01	391644	20	1	0.01	18	280	16	1.12	<2	1	28	<0.01	<10	<10
T-02	76.63	77.63	1.01	391645	25	3	0.01	41	150	52	3.05	<2	1	19	<0.01	<10	<10
T-02	77.63	78.64	1.01	391646	25	1	0.01	12	170	10	1.18	<2	1	23	<0.01	<10	<10
T-02	78.64	79.64	1.01	391647	65	1	0.01	24	150	18	1.77	<2	1	24	<0.01	<10	<10
T-02	79.64	80.65	1.01	391648	40	1	0.01	35	140	42	3.53	<2	1	19	<0.01	<10	<10
T-02	80.65	81.66	1.01	391649	55	<1	0.01	26	140	22	2.6	<2	1	19	<0.01	<10	<10
T-02	81.66	82.66	1.01	391650	85	<1	0.01	29	80	34	5.87	<2	<1	13	<0.01	<10	<10
T-02	82.66	83.67	1.01	391651	95	<1	0.01	33	70	24	3.25	<2	1	15	<0.01	<10	<10
T-02	83.67	84.67	1.01	391652	105	<1	0.01	33	160	32	4.16	<2	1	19	<0.01	<10	<10
T-02	84.67	85.68	1.01	391653	295	1	0.01	32	50	28	6.64	<2	1	60	<0.01	<10	<10
T-02	85.68	86.69	1.01	391654	220	1	0.01	31	110	18	3.29	<2	1	17	<0.01	<10	<10
T-02	86.69	87.69	1.01	391655	135	1	0.01	26	320	24	2.67	<2	1	26	<0.01	<10	<10
T-02	87.69	88.70	1.01	391656	55	<1	0.01	14	90	10	0.65	<2	<1	16	<0.01	<10	<10
T-02	88.70	89.70	1.01	391657	70	1	0.01	21	350	18	0.89	<2	<1	34	<0.01	<10	<10
T-02	89.70	90.71	1.01	391658	90	1	0.01	29	220	52	1.11	2	1	27	<0.01	<10	<10
T-02	90.71	91.71	1.01	391659	35	<1	0.01	11	120	4	0.29	<2	1	21	<0.01	<10	<10
T-02	91.71	92.72	1.01	391660	35	1	0.01	18	110	26	2.18	<2	1	17	<0.01	<10	<10
T-02	92.72	93.73	1.01	391661	120	1	0.01	33	70	30	4.14	2	1	11	<0.01	<10	<10
T-02	93.73	94.73	1.01	391662	180	<1	0.01	26	120	48	3.35	<2	1	12	<0.01	<10	<10
T-02	94.73	95.74	1.01	391663	190	<1	0.01	27	70	38	5.07	<2	<1	11	<0.01	<10	<10
T-02	95.74	96.74	1.01	391664	90	<1	0.01	38	80	34	3.69	<2	1	13	<0.01	<10	<10
T-02	96.74	97.75	1.01	391665	180	1	0.01	33	60	24	2.1	<2	4	19	<0.01	<10	<10
T-02	97.78	98.76	0.98	391666	245	<1	0.01	19	70	14	0.92	<2	1	57	<0.01	<10	<10
T-02	98.76	99.76	1.01	391667	965	<1	0.01	19	50	14	1.65	<2	2	163	<0.01	<10	<10
T-02	99.76	100.77	1.01	391668	445	<1	0.02	24	30	6	2.46	<2	2	80	<0.01	<10	<10
T-02	100.77	101.77	1.01	391669	530	1	0.03	42	70	22	3.74	<2	6	60	<0.01	<10	<10
T-02	101.77	102.78	1.01	391670	95	<1	0.02	33	50	14	4.03	<2	2	26	<0.01	<10	<10
T-02	102.78	103.78	1.01	391671	1040	<1	0.03	38	80	12	5.29	<2	4	65	<0.01	<10	<10
T-02	103.78	104.79	1.01	391672	640	<1	0.03	29	70	10	1.6	<2	3	46	<0.01	<10	<10
T-02	104.79	105.80	1.01	391673	160	1	0.03	42	70	16	3.33	<2	1	25	<0.01	<10	<10

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	V (ppm)	W (ppm)	Zn (ppm)
T-02	28.80	29.78	0.98	391620	62	<10	332
T-02	32.92	33.38	0.46	391621	100	<10	462
T-02	41.61	42.58	0.98	391622	84	<10	564
T-02	42.58	43.59	1.01	391623	68	<10	250
T-02	43.59	44.59	1.01	391624	82	<10	906
T-02	44.59	45.57	0.98	391625	85	<10	436
T-02	45.57	46.57	1.01	391626	101	<10	672
T-02	46.57	47.24	0.67	391627	66	<10	776
T-02	47.24	47.95	0.70	391628	51	<10	492
T-02	47.95	48.92	0.98	391629	69	<10	1185
T-02	48.92	49.90	0.98	391630	55	<10	334
T-02	49.90	50.90	1.01	391631	61	<10	200
T-02	61.87	62.85	0.98	391632	53	<10	422
T-02	63.61	64.62	1.01	391633	39	<10	634
T-02	64.62	65.62	1.01	391634	5	<10	118
T-02	65.62	66.63	1.01	391635	4	<10	110
T-02	66.63	67.64	1.01	391636	7	<10	102
T-02	68.64	69.65	1.01	391637	13	<10	104
T-02	69.65	70.65	1.01	391638	7	<10	106
T-02	70.65	71.66	1.01	391639	14	<10	62
T-02	71.66	72.66	1.01	391640	6	<10	96
T-02	72.66	73.67	1.01	391641	5	<10	78
T-02	73.61	74.62	1.01	391642	5	<10	116
T-02	74.62	75.62	1.01	391643	4	<10	178
T-02	75.62	76.63	1.01	391644	6	<10	126
T-02	76.63	77.63	1.01	391645	6	<10	184
T-02	77.63	78.64	1.01	391646	6	<10	110
T-02	78.64	79.64	1.01	391647	6	<10	144
T-02	79.64	80.65	1.01	391648	5	<10	160
T-02	80.65	81.66	1.01	391649	5	<10	118
T-02	81.66	82.66	1.01	391650	4	<10	130
T-02	82.66	83.67	1.01	391651	5	<10	108
T-02	83.67	84.67	1.01	391652	4	<10	118
T-02	84.67	85.68	1.01	391653	5	<10	82
T-02	85.68	86.69	1.01	391654	5	<10	110
T-02	86.69	87.69	1.01	391655	6	<10	168
T-02	87.69	88.70	1.01	391656	4	<10	78
T-02	88.70	89.70	1.01	391657	5	<10	140
T-02	89.70	90.71	1.01	391658	5	<10	264
T-02	90.71	91.71	1.01	391659	7	<10	102
T-02	91.71	92.72	1.01	391660	6	<10	298
T-02	92.72	93.73	1.01	391661	4	<10	168
T-02	93.73	94.73	1.01	391662	4	<10	214
T-02	94.73	95.74	1.01	391663	4	<10	244
T-02	95.74	96.74	1.01	391664	5	<10	246
T-02	96.74	97.75	1.01	391665	7	<10	110
T-02	97.78	98.76	0.98	391666	5	<10	70
T-02	98.76	99.76	1.01	391667	6	<10	80
T-02	99.76	100.77	1.01	391668	6	<10	102
T-02	100.77	101.77	1.01	391669	10	<10	110
T-02	101.77	102.78	1.01	391670	6	<10	78
T-02	102.78	103.78	1.01	391671	7	<10	106
T-02	103.78	104.79	1.01	391672	5	<10	118
T-02	104.79	105.80	1.01	391673	5	<10	80

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Hole Angle	Main Lithology	Mineralization	AssayReport	Au (g/t)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)
T-02	105.80	106.80	1.01	391674	45	Syns Bnxx	10-20% Py	A0220836	<0.01	<0.2	0.35	18	<10	50
T-02	106.80	107.81	1.01	391675	45	Syns Bnxx	5-15% Py	A0220836	<0.01	<0.2	0.31	22	<10	50
T-02	107.81	108.81	1.01	391676	45	Syns Bnxx	4-8% Py	A0220836	0.01	<0.2	0.32	28	<10	40
T-02	108.81	109.82	1.01	391677	45	Syns Bnxx+Sst	5-10% Py	A0220836	<0.01	<0.2	0.28	12	<10	110
T-02	109.82	110.83	1.01	391678	45	Syns Bnxx+Sst	5-10% Py	A0220836	0.04	<0.2	0.31	28	<10	50
T-02	110.83	111.83	1.01	391679	45	Syns Bnxx+Sst	5-10% Py	A0220836	0.02	<0.2	0.32	24	<10	60
T-02	111.83	112.84	1.01	391680	45	Syns Bnxx+Sst	5-10% Py	A0220836	<0.01	0.6	0.32	58	<10	40
T-02	112.84	113.84	1.01	391681	45	Syns Bnxx+Sst	4-8% Py	A0220836	<0.01	0.2	0.32	30	<10	10
T-02	113.84	114.85	1.01	391682	45	Syns Bnxx+Sst	4-8% Py	A0220836	<0.01	<0.2	0.34	38	<10	20
T-02	114.85	115.85	1.01	391683	45	Syns Bnxx+Sst	4-8% Py	A0220836	0.02	<0.2	0.4	38	<10	80
T-02	115.85	116.86	1.01	391684	45	Syns Bnxx+Sst	4-8% Py	A0220836	0.02	<0.2	0.27	36	<10	60
T-02	116.86	117.87	1.01	391685	45	Syns Bnxx+Sst	2-4% Py	A0220836	<0.01	0.6	0.35	112	<10	20
T-02	133.05	134.05	1.01	391686	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	<0.01	0.2	0.29	68	<10	40
T-02	134.05	135.06	1.01	391687	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	0.11	0.2	0.3	66	<10	40
T-02	135.06	136.06	1.01	391688	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	0.01	0.2	0.27	120	<10	30
T-02	136.06	137.07	1.01	391689	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	<0.01	0.2	0.38	96	<10	30
T-02	137.07	138.07	1.01	391690	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	<0.01	<0.2	0.23	60	<10	50
T-02	138.07	139.08	1.01	391691	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	<0.01	0.2	0.31	64	<10	40
T-02	139.08	140.09	1.01	391692	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	0.01	0.2	0.29	90	<10	30
T-02	140.09	141.09	1.01	391693	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220836	0.01	0.2	0.28	66	<10	40
T-02	141.09	142.10	1.01	391694	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	<0.2	0.47	16	<10	60
T-02	142.10	143.10	1.01	391695	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	<0.2	0.25	18	<10	50
T-02	143.10	144.11	1.01	391696	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	0.01	<0.2	0.15	26	<10	50
T-02	144.11	145.12	1.01	391697	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	<0.2	0.29	30	<10	50
T-02	145.12	146.12	1.01	391698	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	0.02	0.2	0.23	38	<10	50
T-02	146.12	147.13	1.01	391699	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	0.2	0.26	16	<10	60
T-02	147.13	148.13	1.01	391700	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	0.03	<0.2	0.18	8	<10	90
T-02	148.13	149.14	1.01	391701	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	0.2	0.18	18	<10	60
T-02	149.14	150.14	1.01	391702	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	<0.2	0.24	12	<10	70
T-02	150.14	151.15	1.01	391703	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	0.2	0.3	20	<10	70
T-02	151.15	152.16	1.01	391704	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	<0.2	0.19	24	<10	80
T-02	152.16	153.01	0.85	391705	45	Muds/Py/Ba	2-8% Py, 15-25% Ba	A0220841	<0.01	<0.2	0.15	34	<10	50

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)
T-02	105.80	106.80	1.01	391674	0.5	<2	0.35	<0.5	17	47	43	4.27	<10	<1	0.15	<10	0.7
T-02	106.80	107.81	1.01	391675	0.5	<2	1.55	<0.5	13	72	43	4.04	<10	<1	0.14	<10	0.74
T-02	107.81	108.81	1.01	391676	0.5	<2	0.52	<0.5	16	54	43	4.36	<10	<1	0.15	<10	0.26
T-02	108.81	109.82	1.01	391677	<0.5	2	1.07	<0.5	9	84	19	1.09	<10	<1	0.14	<10	0.59
T-02	109.82	110.83	1.01	391678	0.5	<2	0.47	<0.5	22	29	34	2.09	<10	<1	0.16	<10	0.25
T-02	110.83	111.83	1.01	391679	0.5	<2	0.5	<0.5	22	42	32	1.94	<10	1	0.16	<10	0.27
T-02	111.83	112.84	1.01	391680	0.5	<2	0.39	1.5	17	56	47	2.79	<10	1	0.14	<10	0.21
T-02	112.84	113.84	1.01	391681	<0.5	<2	0.1	1	11	70	31	8.08	<10	<1	0.14	<10	0.06
T-02	113.84	114.85	1.01	391682	0.5	<2	0.06	1.5	21	45	23	3.72	<10	<1	0.18	<10	0.04
T-02	114.85	115.85	1.01	391683	0.5	<2	0.05	1	17	69	24	1.88	<10	<1	0.19	<10	0.03
T-02	115.85	116.86	1.01	391684	<0.5	<2	0.01	<0.5	9	89	18	2.11	<10	<1	0.12	<10	0.01
T-02	116.86	117.87	1.01	391685	<0.5	2	0.03	1	13	107	43	3.61	<10	<1	0.12	<10	0.02
T-02	133.05	134.05	1.01	391686	<0.5	<2	0.03	<0.5	7	52	29	1.48	<10	<1	0.01	<10	0.01
T-02	134.05	135.06	1.01	391687	<0.5	2	0.02	<0.5	8	41	27	1.77	<10	<1	0.03	<10	<0.01
T-02	135.06	136.06	1.01	391688	<0.5	<2	0.03	<0.5	9	34	43	2.92	<10	<1	0.04	<10	<0.01
T-02	136.06	137.07	1.01	391689	<0.5	<2	0.04	0.5	12	48	34	2.84	<10	<1	0.06	<10	0.01
T-02	137.07	138.07	1.01	391690	<0.5	<2	2.89	0.5	8	34	21	1.95	<10	1	0.03	<10	0.51
T-02	138.07	139.08	1.01	391691	<0.5	<2	1.14	0.5	8	48	29	2.38	<10	<1	0.07	<10	0.51
T-02	139.08	140.09	1.01	391692	<0.5	<2	0.09	<0.5	9	44	33	2.41	<10	<1	0.06	<10	0.05
T-02	140.09	141.09	1.01	391693	<0.5	<2	0.5	0.5	8	47	35	2.14	<10	<1	0.09	<10	0.17
T-02	141.09	142.10	1.01	391694	<0.5	<2	0.13	0.5	7	35	30	1.74	<10	<1	0.08	<10	0.19
T-02	142.10	143.10	1.01	391695	<0.5	<2	0.13	<0.5	6	24	30	2.01	<10	<1	0.04	<10	0.18
T-02	143.10	144.11	1.01	391696	<0.5	<2	0.12	0.5	6	20	25	1.84	<10	<1	0.03	<10	0.15
T-02	144.11	145.12	1.01	391697	<0.5	<2	0.08	0.5	7	19	30	2.24	<10	<1	0.04	<10	0.13
T-02	145.12	146.12	1.01	391698	<0.5	<2	0.09	<0.5	7	24	29	2.39	<10	<1	0.07	<10	0.14
T-02	146.12	147.13	1.01	391699	<0.5	<2	0.28	1	7	21	31	1.84	<10	<1	0.08	<10	0.29
T-02	147.13	148.13	1.01	391700	<0.5	<2	0.1	1.5	4	16	19	1.19	<10	<1	0.04	<10	0.12
T-02	148.13	149.14	1.01	391701	<0.5	<2	0.22	1	5	16	24	1.74	<10	<1	0.07	<10	0.17
T-02	149.14	150.14	1.01	391702	<0.5	<2	0.21	<0.5	6	26	27	1.44	<10	<1	0.08	<10	0.24
T-02	150.14	151.15	1.01	391703	<0.5	<2	0.08	0.5	6	23	30	1.61	<10	<1	0.09	<10	0.11
T-02	151.15	152.16	1.01	391704	<0.5	<2	0.1	1.5	5	18	23	1.28	<10	<1	0.05	<10	0.16
T-02	152.16	153.01	0.85	391705	<0.5	<2	0.64	<0.5	6	22	35	2	<10	<1	0.05	<10	0.34

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)
T-02	105.80	106.80	1.01	391674	695	1	0.02	34	50	18	2.77	<2	2	43	<0.01	<10	<10
T-02	106.80	107.81	1.01	391675	845	<1	0.02	37	30	14	4.57	<2	2	125	<0.01	<10	<10
T-02	107.81	108.81	1.01	391676	235	<1	0.02	48	50	22	5.18	<2	1	46	<0.01	<10	<10
T-02	108.81	109.82	1.01	391677	505	<1	0.02	18	30	2	1.1	<2	2	101	<0.01	<10	<10
T-02	109.82	110.83	1.01	391678	320	<1	0.01	45	30	20	2.43	<2	3	56	<0.01	<10	<10
T-02	110.83	111.83	1.01	391679	270	<1	0.01	40	40	14	2.24	<2	3	64	<0.01	<10	<10
T-02	111.83	112.84	1.01	391680	190	5	0.01	51	70	12	3.25	<2	3	63	<0.01	<10	<10
T-02	112.84	113.84	1.01	391681	40	<1	0.01	37	90	<2	9.97	2	1	8	<0.01	<10	<10
T-02	113.84	114.85	1.01	391682	30	<1	0.01	59	80	14	4.25	<2	1	11	<0.01	<10	<10
T-02	114.85	115.85	1.01	391683	40	<1	0.01	32	90	10	2.02	<2	1	13	<0.01	<10	<10
T-02	115.85	116.86	1.01	391684	40	1	0.01	21	70	8	2.28	<2	<1	7	<0.01	<10	<10
T-02	116.86	117.87	1.01	391685	50	13	<0.01	81	80	14	4.06	6	3	8	<0.01	<10	<10
T-02	133.05	134.05	1.01	391686	35	11	<0.01	76	90	2	1.64	<2	3	21	0.03	<10	<10
T-02	134.05	135.06	1.01	391687	25	10	<0.01	86	190	4	2	<2	2	26	<0.01	<10	<10
T-02	135.06	136.06	1.01	391688	25	17	<0.01	71	120	12	3.18	<2	1	17	<0.01	<10	<10
T-02	136.06	137.07	1.01	391689	30	14	<0.01	140	180	8	3.1	<2	2	17	<0.01	<10	<10
T-02	137.07	138.07	1.01	391690	175	10	<0.01	79	40	6	1.65	<2	2	88	<0.01	<10	<10
T-02	138.07	139.08	1.01	391691	140	11	<0.01	77	100	6	2.35	<2	4	52	<0.01	<10	<10
T-02	139.08	140.09	1.01	391692	40	12	<0.01	109	80	8	2.6	<2	2	23	<0.01	<10	<10
T-02	140.09	141.09	1.01	391693	75	12	<0.01	93	110	6	2.38	<2	3	70	<0.01	<10	<10
T-02	141.09	142.10	1.01	391694	55	10	0.01	74	110	8	1.38	2	3	79	<0.01	<10	<10
T-02	142.10	143.10	1.01	391695	40	13	<0.01	37	80	8	1.78	2	3	77	<0.01	<10	<10
T-02	143.10	144.11	1.01	391696	30	11	<0.01	51	50	6	1.75	<2	2	58	<0.01	<10	<10
T-02	144.11	145.12	1.01	391697	30	13	<0.01	75	70	10	2.05	2	2	57	<0.01	<10	<10
T-02	145.12	146.12	1.01	391698	35	14	<0.01	97	60	10	2.24	2	2	49	<0.01	<10	<10
T-02	146.12	147.13	1.01	391699	85	13	<0.01	86	100	8	1.47	<2	3	122	<0.01	<10	<10
T-02	147.13	148.13	1.01	391700	40	9	<0.01	51	50	4	0.96	<2	1	107	<0.01	<10	<10
T-02	148.13	149.14	1.01	391701	60	12	<0.01	85	80	6	1.48	2	2	123	<0.01	<10	<10
T-02	149.14	150.14	1.01	391702	70	12	<0.01	66	60	6	1.14	<2	2	104	<0.01	<10	<10
T-02	150.14	151.15	1.01	391703	60	13	<0.01	83	90	6	1.38	2	2	65	<0.01	<10	<10
T-02	151.15	152.16	1.01	391704	45	9	<0.01	54	70	6	1.01	<2	2	68	<0.01	<10	<10
T-02	152.16	153.01	0.85	391705	60	10	<0.01	33	50	6	1.73	<2	2	97	<0.01	<10	<10

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	V (ppm)	W (ppm)	Zn (ppm)
T-02	105.80	106.80	1.01	391674	8	<10	86
T-02	106.80	107.81	1.01	391675	5	<10	160
T-02	107.81	108.81	1.01	391676	4	<10	88
T-02	108.81	109.82	1.01	391677	3	<10	58
T-02	109.82	110.83	1.01	391678	4	<10	134
T-02	110.83	111.83	1.01	391679	4	<10	154
T-02	111.83	112.84	1.01	391680	16	<10	228
T-02	112.84	113.84	1.01	391681	4	<10	78
T-02	113.84	114.85	1.01	391682	3	<10	88
T-02	114.85	115.85	1.01	391683	5	<10	82
T-02	115.85	116.86	1.01	391684	3	<10	32
T-02	116.86	117.87	1.01	391685	25	<10	140
T-02	133.05	134.05	1.01	391686	245	<10	212
T-02	134.05	135.06	1.01	391687	119	<10	182
T-02	135.06	136.06	1.01	391688	24	<10	118
T-02	136.06	137.07	1.01	391689	58	<10	216
T-02	137.07	138.07	1.01	391690	30	<10	154
T-02	138.07	139.08	1.01	391691	42	<10	172
T-02	139.08	140.09	1.01	391692	37	<10	190
T-02	140.09	141.09	1.01	391693	61	<10	178
T-02	141.09	142.10	1.01	391694	59	<10	204
T-02	142.10	143.10	1.01	391695	19	<10	70
T-02	143.10	144.11	1.01	391696	10	<10	68
T-02	144.11	145.12	1.01	391697	13	<10	96
T-02	145.12	146.12	1.01	391698	31	<10	42
T-02	146.12	147.13	1.01	391699	50	<10	200
T-02	147.13	148.13	1.01	391700	28	<10	234
T-02	148.13	149.14	1.01	391701	42	<10	176
T-02	149.14	150.14	1.01	391702	56	<10	78
T-02	150.14	151.15	1.01	391703	65	<10	124
T-02	151.15	152.16	1.01	391704	31	<10	250
T-02	152.16	153.01	0.85	391705	17	<10	36

Hole location: UTM E 584364, UTM N 7104153

Azimut: 030
Angle ; -45
Total Depth: 153 m

APPENDIX 3

Assay Certificates

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

A0220836

Comments: ATTN: JEAN-PIERE JUTRAS

CERTIFICATE A0220836

(QJD) - MANSON CREEK RESOURCES LTD.

Project: YUKON
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 07-AUG-2002.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	200	Pulv. <250g to >85%/-75 micron
STO-21	200	Reject Storage-First 90 Days
LOG-22	200	Samples received without barcode
CRU-31	200	Crush to 70% minus 2mm
SPL-21	200	Splitting Charge
229	200	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES 1 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	200	Weight of received sample	BALANCE	0.01	1000.0
Au-AA26	200	Au g/t: 50 g fusion - AA finish	FA-AAS	0.01	100.00
Ag-ICP41	200	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	200	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	200	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	200	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	200	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	200	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	200	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	200	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	200	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	200	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	200	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	200	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	200	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	200	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-ICP41	200	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
K-ICP41	200	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	200	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	200	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	200	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	200	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	200	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	200	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	200	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	200	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	200	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	200	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	200	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	200	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	200	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	200	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	200	U ppm: 32 element, soil & rock	ICP-AES	10	10000
V-ICP41	200	V ppm: 32 element, soil & rock	ICP-AES	1	10000

ALS Chemex
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To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

A0220836

Comments: ATTN: JEAN-PIERE JUTRAS

CERTIFICATE A0220836

(QJD) - MANSON CREEK RESOURCES LTD.

Project: YUKON
P.O. # :

Samples submitted to our lab in Vancouver, BC.
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SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	200	Pulv. <250g to >85%/-75 micron
STO-21	200	Reject Storage-First 90 Days
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CRU-31	200	Crush to 70% minus 2mm
SPL-21	200	Splitting Charge
229	200	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES 2 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
W-ICP41	200	W ppm: 32 element, soil & rock	ICP-AES	10	10000
Zn-ICP41	200	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Page Number : 1-A
Total Pages : 5
Certificate Date: 07-AUG-02
Invoice No. : I0220836
P.O. Number :
Account : QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
24558	94139402	1.20	0.01	1.6	0.08	10	< 10	130	< 0.5	< 2	0.08	< 0.5	2	66	86	3.09	< 10	< 1	0.06	< 10
24559	94139402	0.88	< 0.01	< 0.2	0.78	< 2	< 10	320	< 0.5	< 2	0.04	< 0.5	4	36	35	1.99	< 10	< 1	0.15	< 10
24560	94139402	0.94	< 0.01	< 0.2	0.16	16	40	< 10	< 0.5	< 2	< 0.01	1.0	90	566	< 1	4.40	< 10	2	< 0.01	< 10
24561	94139402	0.92	< 0.01	< 0.2	0.13	4	< 10	10	< 0.5	< 2	0.44	0.5	88	311	< 1	3.84	< 10	1	< 0.01	< 10
24562	94139402	0.90	< 0.01	< 0.2	0.03	2	20	10	< 0.5	< 2	0.32	1.5	73	283	3	2.24	< 10	3	< 0.01	< 10
24563	94139402	0.88	< 0.01	0.2	0.55	12	10	10	< 0.5	2	0.04	< 0.5	4	84	63	2.16	< 10	< 1	0.05	< 10
24564	94139402	0.66	0.03	5.8	1.28	10	< 10	< 10	< 0.5	10	0.35	58.5	8	70	375	2.32	< 10	< 1	0.02	< 10
24565	94139402	1.04	0.02	< 0.2	0.15	5270	< 10	20	< 0.5	12	12.50	5.5	268	11	46	11.40	30	< 1	0.06	< 10
24566	94139402	0.88	< 0.01	8.6	0.15	778	10	20	< 0.5	< 2	>15.00	33.0	25	13	2700	4.78	< 10	< 1	0.06	< 10
24567	94139402	1.10	< 0.01	< 0.2	0.67	56	< 10	40	< 0.5	< 2	0.61	1.0	7	24	13	11.25	< 10	< 1	0.08	< 10
24568	94139402	0.60	< 0.01	< 0.2	0.62	8	< 10	40	0.5	< 2	0.13	< 0.5	3	8	28	1.16	< 10	< 1	0.17	< 10
24569	94139402	0.62	< 0.01	< 0.2	0.63	6	< 10	30	< 0.5	< 2	0.02	< 0.5	4	27	13	6.70	< 10	< 1	0.14	< 10
24570	94139402	0.70	< 0.01	< 0.2	0.56	18	< 10	30	0.5	< 2	0.07	0.5	3	16	53	>15.00	< 10	< 1	0.12	< 10
24571	94139402	0.58	< 0.01	< 0.2	0.36	8	< 10	50	< 0.5	10	0.04	4.0	4	10	5	>15.00	< 10	< 1	0.07	< 10
24717	94139402	1.08	< 0.01	< 0.2	2.34	< 2	< 10	70	< 0.5	< 2	2.66	1.5	27	284	27	4.68	10	< 1	0.03	< 10
24718	94139402	1.20	0.03	1.6	0.21	16	< 10	340	< 0.5	< 2	0.09	< 0.5	5	82	137	3.29	< 10	< 1	0.14	< 10
24719	94139402	1.64	< 0.01	< 0.2	0.09	2	10	70	< 0.5	< 2	0.57	1.5	75	294	2	2.98	< 10	1	< 0.01	< 10
24720	94139402	0.84	< 0.01	< 0.2	0.16	< 2	30	10	< 0.5	< 2	0.04	1.5	102	756	< 1	3.94	< 10	3	< 0.01	< 10
24722	94139402	1.12	< 0.01	1.0	0.69	6	< 10	10	0.5	< 2	0.70	< 0.5	73	29	336	7.18	< 10	< 1	0.08	10
24723	94139402	1.38	< 0.01	24.6	0.08	248	< 10	10	< 0.5	80	0.36	>500	14	26	673	0.36	< 10	17	0.05	< 10
24724	94139402	0.46	< 0.01	0.8	1.43	12	< 10	< 10	< 0.5	2	0.33	13.0	9	76	277	3.20	< 10	< 1	0.03	< 10
24725	94139402	0.68	< 0.01	< 0.2	0.54	4	< 10	30	< 0.5	< 2	0.03	5.0	12	99	10	4.53	< 10	< 1	0.05	< 10
24726	94139402	1.18	< 0.01	0.2	0.10	2	< 10	10	< 0.5	< 2	0.01	6.0	2	4	1	>15.00	< 10	< 1	0.05	< 10
24727	94139402	1.42	0.04	0.6	0.22	2	< 10	150	< 0.5	2	< 0.01	< 0.5	< 1	39	< 1	0.20	< 10	< 1	0.13	< 10
24728	94139402	1.24	< 0.01	< 0.2	2.21	8	< 10	690	0.5	< 2	1.57	< 0.5	11	10	4	4.77	10	< 1	0.04	30
24801	94139402	0.66	< 0.01	2.4	0.28	56	< 10	30	< 0.5	< 2	< 0.01	< 0.5	9	44	72	3.62	< 10	< 1	0.13	< 10
24802	94139402	1.48	< 0.01	3.0	0.29	70	< 10	30	< 0.5	2	0.01	1.5	10	30	98	4.33	< 10	< 1	0.14	< 10
24803	94139402	0.96	< 0.01	1.6	0.22	78	< 10	40	< 0.5	2	< 0.01	3.0	10	38	55	4.08	< 10	< 1	0.11	< 10
24804	94139402	1.46	0.02	1.8	0.22	64	< 10	50	< 0.5	< 2	< 0.01	11.0	10	30	74	2.94	< 10	< 1	0.10	< 10
24805	94139402	0.78	0.01	2.6	0.55	94	< 10	20	0.5	< 2	0.47	5.5	7	69	71	4.03	< 10	< 1	0.11	< 10
24806	94139402	0.98	< 0.01	1.6	0.18	68	< 10	60	< 0.5	10	0.01	8.0	8	40	56	2.63	< 10	< 1	0.08	< 10
24807	94139402	0.76	0.03	3.0	0.69	124	< 10	30	0.5	2	0.98	11.0	8	73	79	4.61	< 10	< 1	0.14	10
24808	94139402	2.72	< 0.01	1.6	0.21	74	< 10	30	< 0.5	2	0.04	6.0	16	39	71	3.60	< 10	< 1	0.09	< 10
24809	94139402	1.06	0.01	2.8	0.44	106	< 10	10	0.5	< 2	0.26	8.0	8	67	90	5.64	< 10	< 1	0.11	< 10
24810	94139402	1.08	< 0.01	3.4	0.49	140	< 10	10	0.5	6	0.46	7.5	9	66	118	6.92	< 10	< 1	0.10	< 10
24811	94139402	0.78	0.13	2.2	0.47	110	< 10	20	< 0.5	< 2	0.63	6.0	13	61	79	4.38	< 10	< 1	0.12	< 10
24812	94139402	1.38	0.02	1.6	0.26	100	10	40	< 0.5	< 2	0.17	7.5	13	67	67	2.78	< 10	< 1	0.08	< 10
24813	94139402	0.96	< 0.01	2.0	0.38	104	< 10	30	< 0.5	2	0.45	8.0	11	58	66	3.50	< 10	< 1	0.10	< 10
24814	94139402	0.66	< 0.01	1.4	0.22	152	< 10	20	< 0.5	8	0.01	3.0	25	38	95	4.24	< 10	< 1	0.08	< 10
24815	94139402	0.80	< 0.01	2.4	0.42	130	< 10	20	< 0.5	< 2	0.14	8.5	14	61	82	5.04	< 10	< 1	0.10	< 10

CERTIFICATION:

ALS Chemex

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To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Certificate Date: 07-AUG-02
Invoice No. : 10220836
P.O. Number :
Account : QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
24558	94139402	0.07	100	2	< 0.01	19	80	4	0.04	< 2	1	28	< 0.01	< 10	< 10	15	< 10	96
24559	94139402	0.36	290	< 1	< 0.01	22	260	4	0.05	< 2	1	13	< 0.01	< 10	< 10	15	< 10	62
24560	94139402	>15.00	560	< 1	< 0.01	1940	10	2	< 0.01	< 2	6	5	< 0.01	< 10	< 10	11	< 10	16
24561	94139402	>15.00	770	< 1	< 0.01	2310	30	< 2	< 0.01	< 2	7	20	< 0.01	< 10	< 10	25	< 10	16
24562	94139402	>15.00	515	1	< 0.01	1265	10	< 2	< 0.01	< 2	4	22	< 0.01	< 10	< 10	7	< 10	14
24563	94139402	0.46	175	4	0.01	32	290	76	0.28	< 2	1	4	< 0.01	< 10	< 10	48	< 10	144
24564	94139402	1.34	245	11	0.04	31	950	4990	1.14	8	5	4	< 0.01	< 10	< 10	141	< 10	>10000
24565	94139402	5.11	>10000	< 1	0.02	2900	110	88	0.27	1580	8	64	< 0.01	10	< 10	21	< 10	316
24566	94139402	6.15	4990	< 1	0.01	41	60	1345	0.48	290	6	88	< 0.01	20	< 10	6	< 10	7070
24567	94139402	1.91	2460	< 1	0.01	37	50	12	0.46	12	6	18	< 0.01	< 10	< 10	12	< 10	98
24568	94139402	0.14	95	< 1	0.01	7	100	30	0.04	< 2	3	15	< 0.01	< 10	< 10	5	< 10	78
24569	94139402	0.26	140	< 1	0.01	7	90	20	0.49	< 2	4	11	< 0.01	< 10	< 10	12	< 10	40
24570	94139402	0.08	80	< 1	0.01	10	410	16	0.16	< 2	3	21	< 0.01	< 10	< 10	12	< 10	62
24571	94139402	0.08	150	< 1	< 0.01	5	190	32	2.39	< 2	1	29	< 0.01	< 10	< 10	9	< 10	80
24717	94139402	1.53	7580	31	0.01	131	270	298	0.27	< 2	7	43	< 0.01	< 10	< 10	29	< 10	88
24718	94139402	0.07	140	7	< 0.01	25	210	8	0.05	2	2	41	< 0.01	< 10	< 10	22	< 10	194
24719	94139402	>15.00	670	< 1	< 0.01	1770	10	2	< 0.01	< 2	6	30	< 0.01	< 10	< 10	12	< 10	18
24720	94139402	>15.00	450	< 1	< 0.01	2080	< 10	< 2	< 0.01	< 2	5	5	< 0.01	< 10	< 10	14	< 10	18
24722	94139402	0.63	320	3	0.05	44	2210	118	4.10	< 2	9	11	0.10	< 10	< 10	20	< 10	62
24723	94139402	0.20	150	6	< 0.01	25	20	186	7.95	150	< 1	2	< 0.01	< 10	< 10	4	2010	>10000
24724	94139402	1.84	230	8	0.03	15	720	50	1.57	< 2	10	3	0.07	< 10	< 10	211	< 10	1830
24725	94139402	0.74	1910	< 1	0.01	16	40	10	0.16	< 2	3	7	< 0.01	< 10	< 10	12	< 10	900
24726	94139402	0.03	80	< 1	< 0.01	< 1	100	24	3.42	< 2	< 1	30	< 0.01	< 10	10	4	< 10	98
24727	94139402	0.01	5	3	< 0.01	2	40	6	0.07	2	< 1	2	< 0.01	< 10	< 10	28	< 10	40
24728	94139402	1.69	1910	< 1	0.04	< 1	2370	2	0.08	< 2	< 1	405	0.29	< 10	< 10	70	< 10	188
24801	94139402	0.02	35	21	< 0.01	104	120	12	4.15	6	< 1	15	< 0.01	< 10	< 10	46	< 10	28
24802	94139402	0.03	55	13	< 0.01	96	150	12	4.91	8	1	18	< 0.01	< 10	< 10	42	< 10	198
24803	94139402	0.01	30	21	< 0.01	122	90	12	4.60	6	1	11	< 0.01	< 10	< 10	42	< 10	258
24804	94139402	0.01	55	24	< 0.01	119	120	10	3.33	6	1	13	< 0.01	< 10	< 10	62	< 10	536
24805	94139402	0.03	50	9	< 0.01	76	3300	8	4.56	8	3	70	< 0.01	< 10	< 10	136	< 10	412
24806	94139402	0.01	60	24	< 0.01	101	110	8	2.94	8	< 1	11	< 0.01	< 10	< 10	50	< 10	682
24807	94139402	0.04	75	16	0.01	83	5910	12	5.12	14	4	119	< 0.01	< 10	< 10	204	< 10	700
24808	94139402	0.01	75	43	< 0.01	115	230	10	4.00	14	< 1	17	< 0.01	< 10	< 10	47	< 10	490
24809	94139402	0.03	90	18	< 0.01	102	1990	12	6.10	16	1	65	< 0.01	< 10	10	174	< 10	604
24810	94139402	0.03	170	13	< 0.01	83	3200	14	7.60	18	2	63	< 0.01	< 10	< 10	206	< 10	516
24811	94139402	0.03	80	25	< 0.01	98	3350	14	4.82	12	3	98	< 0.01	< 10	10	132	< 10	442
24812	94139402	0.01	65	26	< 0.01	94	980	10	3.04	8	1	46	< 0.01	< 10	< 10	86	< 10	600
24813	94139402	0.02	70	26	< 0.01	104	2500	16	3.85	10	2	89	< 0.01	< 10	< 10	116	< 10	680
24814	94139402	0.01	65	37	< 0.01	83	230	16	4.59	10	< 1	24	< 0.01	< 10	< 10	28	< 10	226
24815	94139402	0.03	70	23	< 0.01	111	1470	18	5.39	12	3	65	< 0.01	< 10	10	122	< 10	594

CERTIFICATION:

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Certificate Date: 07-AUG-02
Invoice No. : I0220836
P.O. Number :
Account : QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
24816	94139402	1.38	< 0.01	2.2	0.26	164	< 10	20	< 0.5	6	0.01	1.5	28	50	115	4.44	< 10	4	0.11	< 10
24817	94139402	1.54	< 0.01	1.8	0.26	60	< 10	40	< 0.5	8	0.01	7.5	11	63	75	3.53	< 10	1	0.12	< 10
24818	94139402	1.20	0.02	2.2	0.28	74	< 10	20	< 0.5	< 2	0.06	12.5	9	63	88	3.64	< 10	1	0.12	< 10
24819	94139402	0.82	0.02	2.2	0.25	34	< 10	110	< 0.5	< 2	0.03	17.5	8	65	67	1.81	< 10	< 1	0.11	< 10
24820	94139402	1.36	< 0.01	1.8	0.27	46	< 10	80	< 0.5	< 2	0.03	14.0	10	59	64	2.34	< 10	1	0.12	< 10
24821	94139402	0.74	0.04	2.4	0.33	72	< 10	20	< 0.5	8	0.06	10.5	16	65	87	3.63	< 10	1	0.11	< 10
24822	94139402	1.58	0.01	2.8	0.56	76	< 10	20	0.5	< 2	0.55	2.5	6	96	75	3.82	< 10	4	0.14	< 10
24823	94139402	1.70	0.02	2.0	0.44	80	< 10	20	< 0.5	8	0.14	3.0	9	75	86	3.97	< 10	3	0.13	< 10
24824	94139402	1.24	0.02	1.8	0.22	36	< 10	110	< 0.5	< 2	0.01	9.0	8	69	56	1.88	< 10	1	0.09	< 10
24825	94139402	1.40	< 0.01	2.2	0.38	60	< 10	20	< 0.5	6	0.38	7.0	7	76	65	3.43	< 10	< 1	0.12	< 10
24826	94139402	0.78	< 0.01	2.4	0.35	70	< 10	20	< 0.5	10	0.21	9.0	7	89	71	3.58	< 10	< 1	0.12	< 10
24827	94139402	0.74	0.03	2.6	0.57	76	10	20	0.5	2	0.74	4.0	11	64	62	3.76	< 10	< 1	0.15	10
24828	94139402	0.46	< 0.01	1.0	0.25	66	< 10	20	< 0.5	6	0.01	1.5	22	54	74	3.75	< 10	< 1	0.11	< 10
24829	94139402	1.10	< 0.01	1.6	0.28	62	< 10	30	< 0.5	14	0.06	8.5	14	57	74	3.35	< 10	< 1	0.12	< 10
24830	94139402	1.36	0.01	3.2	0.49	118	10	10	0.5	12	0.49	10.0	9	86	102	5.93	< 10	< 1	0.14	< 10
24831	94139402	1.28	0.01	2.2	0.46	64	10	30	0.5	< 2	0.26	9.5	11	62	78	3.47	< 10	< 1	0.13	< 10
24832	94139402	2.04	< 0.01	2.6	0.47	116	10	10	0.5	10	0.47	3.0	17	69	89	4.65	< 10	< 1	0.14	< 10
24833	94139402	0.90	< 0.01	1.8	0.20	112	< 10	50	< 0.5	6	0.01	7.5	9	81	64	2.73	< 10	2	0.08	< 10
24834	94139402	1.52	0.01	3.0	0.26	92	< 10	30	0.5	< 2	0.04	1.5	23	45	119	5.14	< 10	< 1	0.12	< 10
24835	94139402	1.70	0.02	2.0	0.45	48	< 10	30	0.5	< 2	0.73	2.5	12	45	95	3.32	< 10	< 1	0.16	< 10
24836	94139402	1.82	< 0.01	1.8	0.59	28	< 10	60	0.5	6	1.59	2.5	7	64	77	2.24	< 10	< 1	0.20	< 10
24837	94139402	1.46	0.01	2.2	0.48	26	< 10	90	0.5	< 2	0.77	16.5	9	48	99	2.05	< 10	< 1	0.17	< 10
24838	94139402	1.64	< 0.01	2.0	0.36	32	< 10	90	0.5	< 2	0.59	9.0	8	51	73	2.07	< 10	< 1	0.13	< 10
24839	94139402	1.70	< 0.01	2.2	0.48	42	< 10	40	0.5	< 2	0.60	10.5	10	54	94	2.49	< 10	< 1	0.16	< 10
24840	94139402	1.38	0.01	2.8	0.41	54	< 10	20	0.5	2	0.29	13.5	9	71	102	2.80	< 10	< 1	0.13	< 10
24841	94139402	1.04	0.01	2.8	0.39	52	< 10	30	0.5	< 2	0.27	13.0	9	62	99	2.79	< 10	1	0.13	< 10
24842	94139402	1.48	0.02	2.6	0.49	82	< 10	20	0.5	< 2	0.77	7.5	11	56	104	3.80	< 10	3	0.16	< 10
24843	94139402	2.86	< 0.01	2.4	0.48	82	< 10	30	0.5	4	1.60	5.5	13	44	119	4.24	< 10	< 1	0.15	< 10
24844	94139402	1.68	< 0.01	0.4	0.29	22	< 10	90	< 0.5	< 2	0.21	< 0.5	9	87	31	1.99	< 10	< 1	0.13	< 10
24845	94139402	1.68	< 0.01	0.2	0.36	14	< 10	100	< 0.5	< 2	0.19	< 0.5	10	106	27	1.88	< 10	< 1	0.15	< 10
24846	94139402	1.72	< 0.01	< 0.2	0.34	18	< 10	110	< 0.5	2	0.31	< 0.5	10	92	31	1.94	< 10	< 1	0.14	< 10
24847	94139402	1.44	< 0.01	< 0.2	0.37	18	< 10	90	< 0.5	< 2	0.66	< 0.5	11	88	29	2.53	< 10	< 1	0.15	< 10
24848	94139402	1.56	< 0.01	0.2	0.39	28	< 10	20	< 0.5	< 2	0.28	< 0.5	16	74	47	5.06	< 10	< 1	0.18	< 10
24849	94139402	1.60	< 0.01	< 0.2	0.39	12	< 10	80	0.5	< 2	0.09	< 0.5	17	27	33	2.30	< 10	< 1	0.20	< 10
24850	94139402	1.72	< 0.01	< 0.2	0.46	4	< 10	70	0.5	< 2	0.25	< 0.5	13	55	28	2.69	< 10	< 1	0.17	< 10
391001	94139402	2.50	< 0.01	0.2	0.18	110	< 10	40	< 0.5	< 2	8.97	1.0	16	28	49	5.33	< 10	< 1	0.10	< 10
391002	94139402	1.16	< 0.01	0.8	0.27	64	< 10	< 10	< 0.5	< 2	0.15	0.5	24	58	153	12.75	< 10	< 1	0.15	< 10
391003	94139402	2.94	0.05	0.4	0.32	46	< 10	10	< 0.5	6	0.17	< 0.5	12	51	75	8.48	< 10	< 1	0.17	< 10
391004	94139402	2.10	< 0.01	< 0.2	0.25	18	< 10	100	< 0.5	< 2	0.07	0.5	7	72	37	1.83	< 10	< 1	0.13	< 10
391005	94139402	2.02	< 0.01	0.2	0.24	24	< 10	40	< 0.5	2	0.06	< 0.5	9	65	38	2.32	< 10	< 1	0.13	< 10

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brookbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Page Number :2-B
Total Pages :5
Certificate Date: 07-AUG-02
Invoice No. :10220836
P.O. Number :
Account :QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
24816	9413 9402	0.01	55	16	< 0.01	71	60	14	4.74	20	1	11	< 0.01	< 10	< 10	17	< 10	174
24817	9413 9402	0.01	40	33	< 0.01	153	70	12	3.75	10	< 1	14	< 0.01	< 10	< 10	65	< 10	614
24818	9413 9402	0.01	55	34	< 0.01	120	260	12	3.90	20	< 1	23	< 0.01	< 10	< 10	90	< 10	938
24819	9413 9402	0.01	50	27	< 0.01	103	130	6	1.99	12	< 1	11	< 0.01	< 10	< 10	85	< 10	1300
24820	9413 9402	0.01	55	36	< 0.01	136	110	10	2.54	12	< 1	11	< 0.01	< 10	< 10	82	< 10	1130
24821	9413 9402	0.02	70	50	< 0.01	157	430	10	3.91	16	1	28	< 0.01	< 10	< 10	76	< 10	880
24822	9413 9402	0.03	60	3	0.01	58	3170	10	4.08	10	2	86	< 0.01	< 10	< 10	100	< 10	272
24823	9413 9402	0.03	50	16	< 0.01	91	1220	8	4.25	12	1	38	< 0.01	< 10	< 10	100	< 10	374
24824	9413 9402	0.01	55	28	< 0.01	108	160	8	2.02	8	< 1	13	< 0.01	< 10	< 10	68	< 10	744
24825	9413 9402	0.02	50	14	< 0.01	80	1880	8	3.66	8	1	59	< 0.01	< 10	< 10	108	< 10	596
24826	9413 9402	0.02	60	18	< 0.01	95	1190	12	3.83	6	1	42	< 0.01	< 10	< 10	107	< 10	758
24827	9413 9402	0.03	50	24	0.01	108	4040	10	4.06	6	3	142	< 0.01	< 10	10	122	< 10	408
24828	9413 9402	0.01	65	45	< 0.01	119	90	10	3.99	8	< 1	11	< 0.01	< 10	< 10	48	< 10	226
24829	9413 9402	0.01	90	33	< 0.01	103	340	10	3.59	10	< 1	19	< 0.01	< 10	10	101	< 10	764
24830	9413 9402	0.03	125	24	0.01	106	2710	12	6.42	14	2	67	< 0.01	< 10	10	213	< 10	814
24831	9413 9402	0.02	105	33	< 0.01	124	1820	14	3.73	10	3	64	< 0.01	< 10	10	137	< 10	844
24832	9413 9402	0.03	65	24	0.01	87	2560	16	4.97	10	2	89	< 0.01	< 10	10	94	< 10	374
24833	9413 9402	0.01	50	34	< 0.01	137	120	10	2.93	4	< 1	18	< 0.01	< 10	< 10	104	< 10	686
24834	9413 9402	0.01	90	32	0.01	109	140	14	6.04	14	1	10	< 0.01	< 10	< 10	18	< 10	218
24835	9413 9402	0.03	65	30	0.01	105	3430	10	3.95	10	1	36	< 0.01	< 10	< 10	56	< 10	346
24836	9413 9402	0.05	40	8	0.01	82	7280	10	2.63	4	2	58	< 0.01	< 10	< 10	60	< 10	336
24837	9413 9402	0.14	135	24	0.01	92	2740	8	2.32	10	1	31	< 0.01	< 10	< 10	132	< 10	1370
24838	9413 9402	0.09	75	16	0.01	91	2370	14	2.35	8	1	24	< 0.01	< 10	< 10	82	< 10	712
24839	9413 9402	0.07	80	12	0.01	75	2720	18	2.85	8	1	37	< 0.01	< 10	< 10	101	< 10	796
24840	9413 9402	0.03	60	20	0.01	94	1520	14	3.25	10	1	35	< 0.01	< 10	< 10	104	< 10	976
24841	9413 9402	0.03	60	20	0.01	91	1460	14	3.19	12	1	35	< 0.01	< 10	< 10	99	< 10	994
24842	9413 9402	0.03	45	28	0.01	140	3910	18	4.52	12	2	50	< 0.01	< 10	10	102	< 10	734
24843	9413 9402	0.77	305	29	0.03	134	1700	24	5.29	12	4	40	< 0.01	< 10	< 10	161	< 10	700
24844	9413 9402	0.11	75	7	0.01	33	310	18	2.12	< 2	1	14	< 0.01	< 10	< 10	10	< 10	104
24845	9413 9402	0.27	110	3	0.01	25	290	16	2.01	< 2	1	14	< 0.01	< 10	< 10	7	< 10	74
24846	9413 9402	0.48	195	4	0.01	26	160	16	2.05	< 2	1	15	< 0.01	< 10	< 10	7	< 10	78
24847	9413 9402	0.33	145	5	0.01	27	120	20	2.82	< 2	1	17	< 0.01	< 10	< 10	9	< 10	120
24848	9413 9402	0.16	75	6	0.01	58	160	32	5.92	< 2	1	18	< 0.01	< 10	< 10	9	< 10	148
24849	9413 9402	0.09	35	< 1	0.01	38	260	14	2.58	< 2	1	21	< 0.01	< 10	< 10	4	< 10	72
24850	9413 9402	0.50	200	1	0.01	24	270	12	2.91	< 2	3	22	< 0.01	< 10	< 10	8	< 10	54
391001	9413 9402	4.75	9930	10	0.01	43	90	16	5.81	< 2	5	344	< 0.01	< 10	10	14	< 10	68
391002	9413 9402	0.08	215	1	< 0.01	55	300	48	>10.00	4	< 1	11	< 0.01	< 10	< 10	10	< 10	296
391003	9413 9402	0.06	90	< 1	< 0.01	32	510	22	>10.00	4	< 1	18	< 0.01	< 10	< 10	7	< 10	142
391004	9413 9402	0.03	95	1	< 0.01	30	230	6	1.95	< 2	< 1	11	< 0.01	< 10	< 10	8	< 10	154
391005	9413 9402	0.03	95	4	< 0.01	28	190	10	2.56	2	< 1	9	< 0.01	< 10	< 10	7	< 10	110

CERTIFICATION:

ALS Chemex

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Page Number :3-A
Total Pages :5
Certificate Date: 07-AUG-02
Invoice No. :10220836
P.O. Number :
Account :QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
391006	94139402	0.98	0.01	1.4	0.29	56	< 10	< 10	< 0.5	< 2	0.08	1.0	22	78	167	11.20	< 10	< 1	0.16	< 10
391007	94139402	2.26	< 0.01	0.6	0.37	34	< 10	30	0.5	< 2	0.40	< 0.5	12	60	63	3.59	< 10	< 1	0.20	< 10
391008	94139402	1.06	0.03	1.2	0.33	88	< 10	10	< 0.5	8	1.84	5.0	9	55	132	12.25	< 10	< 1	0.19	< 10
391009	94139402	1.10	0.05	2.0	0.27	108	< 10	10	< 0.5	2	1.62	6.0	21	49	144	8.61	< 10	< 1	0.16	< 10
391010	94139402	1.06	0.01	0.8	0.35	46	< 10	30	< 0.5	6	2.00	1.5	11	38	99	4.85	< 10	1	0.22	< 10
391011	94139402	1.02	0.01	0.8	0.30	66	< 10	20	< 0.5	< 2	3.72	2.0	9	43	108	9.12	< 10	1	0.17	< 10
391012	94139402	0.60	0.03	0.6	0.32	32	< 10	10	< 0.5	10	0.59	0.5	5	61	105	8.81	< 10	< 1	0.19	< 10
391013	94139402	0.50	0.20	2.2	0.17	262	< 10	< 10	< 0.5	12	1.20	6.0	9	61	322	>15.00	< 10	< 1	0.11	< 10
391014	94139402	1.04	0.06	1.2	0.28	66	< 10	< 10	< 0.5	6	0.24	2.0	5	62	135	14.35	< 10	< 1	0.17	< 10
391015	94139402	1.88	0.07	1.0	0.18	70	< 10	< 10	< 0.5	14	0.05	5.5	< 1	64	137	>15.00	< 10	< 1	0.12	< 10
391016	94139402	1.40	0.07	3.0	0.33	48	< 10	40	< 0.5	2	0.87	3.0	5	96	113	3.65	< 10	1	0.11	< 10
391017	94139402	3.10	0.01	1.8	0.20	88	< 10	90	< 0.5	6	2.92	7.5	9	133	212	2.87	< 10	< 1	0.12	< 10
391018	94139402	1.94	0.01	3.8	0.18	46	< 10	120	0.5	< 2	1.41	14.5	9	166	119	1.66	< 10	2	0.11	< 10
391019	94139402	0.52	0.02	9.2	0.24	266	< 10	10	0.5	14	1.32	15.0	5	87	393	12.10	< 10	5	0.12	< 10
391020	94139402	0.66	< 0.01	6.4	0.27	164	< 10	30	< 0.5	2	1.71	5.0	10	65	370	5.39	< 10	3	0.15	< 10
391021	94139402	0.50	0.02	6.2	0.24	212	< 10	< 10	< 0.5	8	0.18	5.5	12	74	383	>15.00	< 10	1	0.15	< 10
391022	94139402	0.68	0.01	1.6	0.32	112	< 10	10	< 0.5	6	0.40	1.5	9	40	195	9.04	< 10	< 1	0.19	< 10
391023	94139402	2.28	< 0.01	0.8	0.28	100	< 10	< 10	< 0.5	2	0.17	2.0	11	48	146	8.09	< 10	< 1	0.19	< 10
391024	94139402	0.74	< 0.01	27.6	0.16	1325	< 10	120	< 0.5	6	1.03	16.0	4	97	2760	1.12	< 10	11	0.08	< 10
391025	94139402	0.36	0.04	1.2	0.20	84	< 10	10	< 0.5	12	5.54	3.5	22	23	138	12.40	< 10	< 1	0.13	< 10
391026	94139402	1.60	0.02	0.4	0.27	38	< 10	30	< 0.5	6	4.25	1.5	5	32	96	6.10	< 10	1	0.18	< 10
391027	94139402	0.40	0.38	1.0	0.26	114	< 10	< 10	< 0.5	10	0.55	2.0	9	52	185	14.60	< 10	< 1	0.16	< 10
391028	94139402	0.60	0.04	0.6	0.19	74	< 10	40	< 0.5	6	2.92	1.5	8	31	116	8.01	< 10	< 1	0.13	< 10
391029	94139402	0.44	0.02	1.6	0.27	146	< 10	< 10	< 0.5	8	0.17	3.5	16	61	309	>15.00	< 10	< 1	0.17	< 10
391030	94139402	2.40	< 0.01	< 0.2	0.94	70	< 10	10	0.5	2	2.51	0.5	15	114	38	2.23	< 10	< 1	0.10	30
391031	94139402	2.12	0.02	0.2	0.77	14	< 10	10	0.5	< 2	0.56	< 0.5	5	92	215	2.09	< 10	< 1	0.23	< 10
391032	94139402	1.18	< 0.01	< 0.2	3.45	46	< 10	< 10	0.5	2	2.95	11.5	19	109	99	5.17	10	< 1	0.04	< 10
391601	94139402	1.56	< 0.01	< 0.2	0.41	6	< 10	30	< 0.5	< 2	0.61	0.5	14	56	38	6.37	< 10	< 1	0.11	< 10
391602	94139402	1.46	< 0.01	< 0.2	0.46	12	< 10	30	0.5	6	0.28	< 0.5	18	27	24	4.28	< 10	< 1	0.19	< 10
391603	94139402	1.90	< 0.01	< 0.2	0.38	10	< 10	120	0.5	< 2	0.26	< 0.5	18	36	31	1.46	< 10	< 1	0.16	< 10
391604	94139402	1.66	< 0.01	< 0.2	0.40	8	< 10	150	0.5	< 2	0.27	< 0.5	9	46	27	0.91	< 10	< 1	0.18	< 10
391605	94139402	1.64	< 0.01	< 0.2	0.38	6	< 10	110	0.5	< 2	0.08	< 0.5	14	24	46	1.69	< 10	< 1	0.21	< 10
391606	94139402	1.86	< 0.01	< 0.2	0.30	8	< 10	90	< 0.5	< 2	0.25	< 0.5	11	73	32	1.90	< 10	< 1	0.14	< 10
391607	94139402	2.06	< 0.01	< 0.2	0.36	12	< 10	70	< 0.5	< 2	0.11	< 0.5	12	67	35	2.15	< 10	< 1	0.15	< 10
391608	94139402	1.70	< 0.01	< 0.2	0.34	12	< 10	90	< 0.5	2	0.17	< 0.5	13	61	29	2.09	< 10	< 1	0.16	< 10
391609	94139402	2.02	< 0.01	< 0.2	0.36	16	< 10	50	< 0.5	< 2	0.11	< 0.5	12	66	37	3.75	< 10	< 1	0.14	< 10
391610	94139402	1.64	0.04	< 0.2	0.35	14	< 10	60	< 0.5	< 2	0.13	< 0.5	12	44	35	3.26	< 10	< 1	0.16	< 10
391611	94139402	3.54	< 0.01	< 0.2	0.34	14	< 10	90	< 0.5	< 2	0.16	< 0.5	12	58	29	2.69	< 10	< 1	0.15	< 10
391612	94139402	2.12	< 0.01	< 0.2	0.37	14	< 10	50	0.5	< 2	0.23	< 0.5	19	48	35	3.47	< 10	< 1	0.17	< 10
391613	94139402	1.96	< 0.01	< 0.2	0.34	10	< 10	180	0.5	2	0.13	< 0.5	11	40	38	1.06	< 10	< 1	0.18	< 10

CERTIFICATION:

ALS Chemex

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Certificate Date: 07-AUG-02
Invoice No. : I0220836
P.O. Number :
Account :QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
391006	94139402	0.04	125	4	< 0.01	46	290	44	>10.00	8	< 1	12	< 0.01	< 10	< 10	16	< 10	172
391007	94139402	0.08	145	3	< 0.01	40	1430	16	4.14	2	1	112	< 0.01	< 10	< 10	11	< 10	94
391008	94139402	0.91	315	1	0.01	73	160	48	>10.00	4	4	99	< 0.01	< 10	< 10	11	< 10	440
391009	94139402	0.83	515	2	0.01	95	170	42	>10.00	6	1	101	< 0.01	< 10	< 10	8	< 10	962
391010	94139402	1.06	290	1	0.01	37	200	24	5.69	2	3	108	< 0.01	< 10	< 10	8	< 10	324
391011	94139402	1.86	350	1	0.01	45	980	22	>10.00	4	4	235	< 0.01	< 10	< 10	7	< 10	72
391012	94139402	0.29	90	1	0.01	31	290	20	>10.00	< 2	1	51	< 0.01	< 10	< 10	4	< 10	50
391013	94139402	0.53	190	3	0.01	135	500	118	>10.00	6	< 1	113	< 0.01	< 10	< 10	3	< 10	280
391014	94139402	0.25	55	1	0.01	41	250	54	>10.00	< 2	< 1	26	< 0.01	< 10	< 10	3	< 10	192
391015	94139402	0.09	25	1	0.01	35	160	82	>10.00	< 2	< 1	3	< 0.01	< 10	< 10	1	< 10	132
391016	94139402	0.41	320	6	< 0.01	77	1190	22	3.94	8	1	81	< 0.01	< 10	< 10	55	< 10	336
391017	94139402	1.54	3520	3	< 0.01	92	290	772	2.24	242	2	156	< 0.01	< 10	< 10	12	< 10	2280
391018	94139402	0.75	1535	12	< 0.01	127	410	202	1.02	80	1	123	< 0.01	< 10	< 10	43	< 10	2600
391019	94139402	0.63	450	54	< 0.01	152	1340	132	>10.00	64	< 1	147	< 0.01	< 10	20	134	< 10	1820
391020	94139402	0.84	295	9	< 0.01	81	1480	30	6.83	42	4	169	< 0.01	< 10	< 10	31	< 10	704
391021	94139402	0.09	515	14	< 0.01	198	250	100	>10.00	14	< 1	9	< 0.01	< 10	< 10	5	< 10	960
391022	94139402	0.11	60	1	< 0.01	63	1220	32	>10.00	2	1	54	< 0.01	< 10	< 10	12	< 10	174
391023	94139402	0.06	120	1	< 0.01	59	520	24	9.74	6	< 1	22	< 0.01	< 10	< 10	6	< 10	278
391024	94139402	0.56	190	22	< 0.01	239	450	12	1.40	278	< 1	86	< 0.01	< 10	< 10	568	< 10	940
391025	94139402	3.04	2950	1	0.01	81	490	46	>10.00	6	20	348	< 0.01	< 10	< 10	9	< 10	186
391026	94139402	2.22	535	< 1	0.01	20	390	20	7.16	< 2	9	239	< 0.01	< 10	< 10	10	< 10	140
391027	94139402	0.33	85	1	0.01	104	230	46	>10.00	< 2	< 1	35	< 0.01	< 10	< 10	5	< 10	132
391028	94139402	1.50	390	1	0.01	76	130	20	9.73	2	5	193	< 0.01	< 10	< 10	10	< 10	132
391029	94139402	0.05	35	2	< 0.01	44	620	72	>10.00	10	< 1	28	< 0.01	< 10	< 10	4	< 10	262
391030	94139402	1.07	340	4	0.01	85	1400	22	0.19	< 2	2	15	< 0.01	< 10	< 10	82	< 10	236
391031	94139402	0.36	65	36	0.01	117	2780	20	0.42	< 2	1	7	< 0.01	< 10	< 10	83	< 10	158
391032	94139402	4.29	575	4	0.03	115	560	26	1.73	4	19	17	0.09	< 10	< 10	306	< 10	2260
391601	94139402	1.10	480	< 1	0.01	30	120	20	7.72	< 2	3	17	< 0.01	< 10	< 10	9	< 10	62
391602	94139402	0.65	200	< 1	0.01	33	240	14	4.91	< 2	3	28	< 0.01	< 10	< 10	8	< 10	74
391603	94139402	0.61	180	< 1	0.01	36	160	10	1.35	< 2	3	33	< 0.01	< 10	< 10	6	< 10	42
391604	94139402	0.28	70	< 1	0.02	19	190	10	0.81	< 2	1	39	< 0.01	< 10	< 10	5	< 10	36
391605	94139402	0.13	40	< 1	0.02	23	170	14	1.74	< 2	1	25	< 0.01	< 10	< 10	6	< 10	58
391606	94139402	0.18	50	2	0.01	25	160	16	1.96	< 2	1	31	< 0.01	< 10	< 10	5	< 10	48
391607	94139402	0.15	50	2	0.02	24	230	20	2.25	< 2	1	29	< 0.01	< 10	< 10	5	< 10	68
391608	94139402	0.27	95	3	0.02	28	210	20	2.09	< 2	1	31	< 0.01	< 10	< 10	6	< 10	80
391609	94139402	0.20	65	3	0.01	28	170	28	4.13	< 2	1	27	< 0.01	< 10	< 10	5	< 10	50
391610	94139402	0.23	70	1	0.02	28	120	16	3.44	< 2	1	29	< 0.01	< 10	< 10	6	< 10	34
391611	94139402	0.27	110	2	0.02	25	230	20	2.64	< 2	1	36	< 0.01	< 10	< 10	4	< 10	48
391612	94139402	0.38	175	2	0.02	39	270	20	3.19	< 2	1	42	< 0.01	< 10	< 10	5	< 10	164
391613	94139402	0.23	90	< 1	0.02	27	160	16	0.66	< 2	1	33	< 0.01	< 10	< 10	5	< 10	28

CERTIFICATION _____

ALS Chemex

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212 Brooksbank Ave., North Vancouver
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To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Page Number :4-A
Total Pages :5
Certificate Date: 07-AUG-02
Invoice No. :I0220836
P.O. Number :
Account :QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
391614	94139402	2.06	< 0.01	< 0.2	0.38	12	< 10	170	0.5	< 2	0.12	< 0.5	11	47	36	1.51	< 10	< 1	0.19	< 10
391615	94139402	1.82	0.01	< 0.2	0.33	16	< 10	80	0.5	< 2	0.25	< 0.5	17	76	46	3.08	< 10	< 1	0.16	< 10
391616	94139402	1.92	< 0.01	< 0.2	0.35	10	< 10	170	0.5	< 2	0.10	< 0.5	8	74	28	1.02	< 10	< 1	0.17	< 10
391617	94139402	1.92	< 0.01	< 0.2	0.33	10	< 10	150	< 0.5	< 2	0.16	< 0.5	12	85	41	1.07	< 10	< 1	0.16	< 10
391618	94139402	1.98	< 0.01	< 0.2	0.31	8	< 10	110	< 0.5	< 2	0.38	< 0.5	10	70	20	2.46	< 10	< 1	0.14	< 10
391619	94139402	1.32	< 0.01	< 0.2	0.34	4	< 10	40	0.5	< 2	0.30	< 0.5	17	36	42	3.64	< 10	< 1	0.18	< 10
391620	94139402	1.52	0.01	1.4	0.41	118	< 10	30	1.0	< 2	1.22	2.5	21	41	97	4.73	< 10	< 1	0.09	< 10
391621	94139402	0.38	0.01	3.8	0.31	240	< 10	10	< 0.5	2	0.10	8.5	7	84	121	9.36	< 10	< 1	0.08	< 10
391622	94139402	1.70	< 0.01	1.0	0.19	118	< 10	80	< 0.5	< 2	0.01	6.0	11	156	57	2.23	< 10	< 1	0.06	< 10
391623	94139402	1.44	< 0.01	1.0	0.20	104	< 10	90	< 0.5	2	< 0.01	2.0	10	143	47	2.15	< 10	< 1	0.07	< 10
391624	94139402	2.02	< 0.01	1.4	0.22	144	< 10	60	< 0.5	4	< 0.01	9.0	12	128	64	2.57	< 10	< 1	0.07	< 10
391625	94139402	1.50	< 0.01	1.0	0.22	150	< 10	40	< 0.5	< 2	< 0.01	4.0	11	113	58	3.13	< 10	< 1	0.08	< 10
391626	94139402	1.36	0.02	1.0	0.25	136	< 10	60	< 0.5	< 2	< 0.01	7.5	11	127	60	2.55	< 10	< 1	0.08	< 10
391627	94139402	1.34	< 0.01	0.6	0.20	70	< 10	80	< 0.5	< 2	< 0.01	13.0	6	136	42	1.56	< 10	< 1	0.06	< 10
391628	94139402	1.70	0.03	1.0	0.23	132	< 10	30	< 0.5	2	< 0.01	7.0	11	102	43	3.01	< 10	< 1	0.09	< 10
391629	94139402	1.00	0.07	0.8	0.23	146	< 10	20	< 0.5	< 2	< 0.01	19.5	10	153	45	2.78	< 10	< 1	0.05	< 10
391630	94139402	1.34	< 0.01	1.2	0.23	212	< 10	30	< 0.5	< 2	< 0.01	3.0	13	121	64	3.95	< 10	1	0.07	< 10
391631	94139402	1.66	< 0.01	0.8	0.18	102	< 10	60	< 0.5	< 2	< 0.01	2.0	6	151	35	2.05	< 10	< 1	0.05	< 10
391632	94139402	2.14	< 0.01	1.0	0.30	140	< 10	30	< 0.5	< 2	0.05	2.5	11	65	60	3.67	< 10	< 1	0.11	< 10
391633	94139402	1.52	0.01	1.0	0.33	148	< 10	10	< 0.5	< 2	0.01	5.5	17	44	84	6.60	< 10	< 1	0.12	< 10
391634	94139402	1.60	< 0.01	0.2	0.34	28	< 10	20	0.5	2	0.12	< 0.5	16	45	40	4.53	< 10	< 1	0.16	< 10
391635	94139402	1.62	< 0.01	< 0.2	0.36	24	< 10	10	< 0.5	< 2	0.41	< 0.5	17	26	42	5.75	< 10	< 1	0.19	< 10
391636	94139402	1.74	< 0.01	< 0.2	0.40	22	< 10	40	< 0.5	< 2	1.64	< 0.5	13	62	31	3.14	< 10	< 1	0.17	< 10
391637	94139402	1.90	< 0.01	< 0.2	0.54	26	< 10	50	0.5	8	6.10	0.5	10	29	32	3.68	< 10	1	0.19	< 10
391638	94139402	1.88	< 0.01	< 0.2	0.40	20	< 10	60	< 0.5	4	2.79	< 0.5	12	35	28	3.15	< 10	1	0.18	< 10
391639	94139402	1.90	< 0.01	< 0.2	0.45	22	< 10	50	0.5	< 2	7.58	0.5	9	29	25	3.33	< 10	1	0.13	< 10
391640	94139402	1.18	< 0.01	< 0.2	0.27	18	< 10	50	< 0.5	4	1.80	< 0.5	10	103	27	2.91	< 10	1	0.11	< 10
391641	94139402	2.50	< 0.01	< 0.2	0.35	10	< 10	60	< 0.5	< 2	1.21	< 0.5	9	77	21	2.42	< 10	< 1	0.15	< 10
391642	94139402	0.84	< 0.01	< 0.2	0.31	14	< 10	70	< 0.5	< 2	0.72	< 0.5	10	81	21	1.86	< 10	< 1	0.14	< 10
391643	94139402	0.86	< 0.01	< 0.2	0.28	24	< 10	60	< 0.5	2	0.11	< 0.5	8	45	27	2.22	< 10	< 1	0.16	< 10
391644	94139402	1.34	< 0.01	< 0.2	0.37	14	< 10	120	< 0.5	< 2	0.06	< 0.5	7	38	18	1.14	< 10	< 1	0.22	< 10
391645	94139402	1.36	< 0.01	0.2	0.34	26	< 10	60	< 0.5	< 2	0.03	< 0.5	14	45	31	2.75	< 10	< 1	0.20	< 10
391646	94139402	1.16	< 0.01	< 0.2	0.37	8	< 10	130	< 0.5	< 2	0.03	< 0.5	4	38	24	1.24	< 10	< 1	0.23	< 10
391647	94139402	1.54	< 0.01	< 0.2	0.37	14	< 10	100	< 0.5	2	0.21	< 0.5	10	29	29	1.81	< 10	< 1	0.23	< 10
391648	94139402	1.80	< 0.01	0.2	0.37	22	< 10	50	< 0.5	2	0.02	< 0.5	11	25	41	3.36	< 10	< 1	0.22	< 10
391649	94139402	1.40	< 0.01	< 0.2	0.33	16	< 10	70	< 0.5	< 2	0.03	< 0.5	10	27	31	2.54	< 10	< 1	0.20	< 10
391650	94139402	0.92	< 0.01	0.2	0.32	22	< 10	30	< 0.5	< 2	0.06	< 0.5	10	41	28	5.11	< 10	< 1	0.18	< 10
391651	94139402	1.52	< 0.01	< 0.2	0.38	18	< 10	60	0.5	< 2	0.07	< 0.5	13	29	27	3.13	< 10	< 1	0.22	< 10
391652	94139402	0.88	0.01	< 0.2	0.26	20	< 10	40	< 0.5	< 2	0.12	< 0.5	11	51	25	3.81	< 10	< 1	0.15	< 10
391653	94139402	0.92	< 0.01	0.2	0.29	20	< 10	20	< 0.5	< 2	0.52	0.5	9	59	36	5.84	< 10	< 1	0.16	< 10

CERTIFICATION:

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To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
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CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
391614	9413 9402	0.33	135	1	0.03	18	220	14	0.80	< 2	1	30	< 0.01	< 10	< 10	5	< 10	46
391615	9413 9402	0.34	165	1	0.02	23	160	24	2.79	< 2	1	28	< 0.01	< 10	< 10	5	< 10	60
391616	9413 9402	0.22	95	1	0.02	14	250	14	0.45	< 2	1	29	< 0.01	< 10	< 10	5	< 10	54
391617	9413 9402	0.25	135	3	0.02	24	290	16	0.50	< 2	3	29	< 0.01	< 10	< 10	5	< 10	50
391618	9413 9402	0.42	275	< 1	0.02	19	220	22	2.11	< 2	1	29	< 0.01	< 10	< 10	5	< 10	58
391619	9413 9402	0.45	275	< 1	0.02	29	240	18	3.45	< 2	2	33	< 0.01	< 10	< 10	5	< 10	86
391620	9413 9402	0.62	405	39	0.01	99	710	8	5.58	16	7	84	< 0.01	< 10	< 10	62	< 10	332
391621	9413 9402	0.01	65	11	0.01	86	1450	4	>10.00	16	1	144	< 0.01	< 10	< 10	100	< 10	462
391622	9413 9402	0.01	30	63	< 0.01	150	250	8	2.42	8	1	35	< 0.01	< 10	< 10	84	< 10	564
391623	9413 9402	< 0.01	25	46	< 0.01	135	210	10	2.33	8	1	27	< 0.01	< 10	< 10	68	< 10	250
391624	9413 9402	0.01	30	68	< 0.01	158	190	12	2.90	10	1	59	< 0.01	< 10	< 10	82	< 10	906
391625	9413 9402	< 0.01	25	79	< 0.01	180	140	8	3.57	10	1	32	< 0.01	< 10	< 10	85	< 10	436
391626	9413 9402	< 0.01	30	92	< 0.01	191	230	12	2.85	10	1	72	< 0.01	< 10	< 10	101	< 10	672
391627	9413 9402	< 0.01	40	23	< 0.01	84	290	6	1.63	4	1	43	< 0.01	< 10	< 10	66	< 10	776
391628	9413 9402	< 0.01	30	52	< 0.01	157	160	10	3.42	6	1	12	< 0.01	< 10	< 10	51	< 10	492
391629	9413 9402	< 0.01	45	43	< 0.01	128	320	10	3.10	6	1	25	< 0.01	< 10	< 10	69	< 10	1185
391630	9413 9402	< 0.01	20	67	< 0.01	163	200	16	4.50	10	1	15	< 0.01	< 10	< 10	55	< 10	334
391631	9413 9402	< 0.01	20	27	< 0.01	108	230	6	2.19	4	1	25	< 0.01	< 10	< 10	61	< 10	200
391632	9413 9402	0.01	25	50	0.01	155	440	10	4.27	6	1	76	< 0.01	< 10	< 10	53	< 10	422
391633	9413 9402	0.01	45	83	0.01	228	170	16	8.15	6	1	15	< 0.01	< 10	< 10	39	< 10	634
391634	9413 9402	0.07	155	4	0.01	45	160	18	5.38	< 2	1	12	< 0.01	< 10	< 10	5	< 10	118
391635	9413 9402	0.21	530	< 1	0.01	44	150	18	7.11	< 2	1	15	< 0.01	< 10	< 10	4	< 10	110
391636	9413 9402	0.66	395	1	0.01	31	240	16	3.81	< 2	3	46	< 0.01	< 10	< 10	7	< 10	102
391637	9413 9402	3.45	945	1	0.05	25	190	12	4.82	< 2	4	99	< 0.01	< 10	< 10	13	< 10	104
391638	9413 9402	1.53	475	1	0.03	28	140	12	3.95	< 2	3	70	< 0.01	< 10	< 10	7	< 10	106
391639	9413 9402	4.38	1585	1	0.06	21	180	6	4.24	< 2	5	152	< 0.01	< 10	< 10	14	< 10	62
391640	9413 9402	0.97	565	1	0.02	25	100	12	3.42	< 2	3	30	< 0.01	< 10	< 10	6	< 10	96
391641	9413 9402	0.62	230	1	0.01	22	410	10	2.72	< 2	1	38	< 0.01	< 10	< 10	5	< 10	78
391642	9413 9402	0.31	125	1	0.01	22	730	14	1.95	< 2	1	34	< 0.01	< 10	< 10	5	< 10	116
391643	9413 9402	0.02	40	3	0.01	23	490	26	2.45	< 2	< 1	25	< 0.01	< 10	< 10	4	< 10	178
391644	9413 9402	0.04	20	1	0.01	18	280	16	1.12	< 2	1	28	< 0.01	< 10	< 10	6	< 10	126
391645	9413 9402	0.05	25	3	0.01	41	150	52	3.05	< 2	1	19	< 0.01	< 10	< 10	6	< 10	184
391646	9413 9402	0.06	25	1	0.01	12	170	10	1.18	< 2	1	23	< 0.01	< 10	< 10	6	< 10	110
391647	9413 9402	0.20	65	1	0.01	24	150	18	1.77	< 2	1	24	< 0.01	< 10	< 10	6	< 10	144
391648	9413 9402	0.12	40	1	0.01	35	140	42	3.53	< 2	1	19	< 0.01	< 10	< 10	5	< 10	160
391649	9413 9402	0.12	55	< 1	0.01	26	140	22	2.60	< 2	1	19	< 0.01	< 10	< 10	5	< 10	118
391650	9413 9402	0.15	85	< 1	0.01	29	80	34	5.87	< 2	< 1	13	< 0.01	< 10	< 10	4	< 10	130
391651	9413 9402	0.31	95	< 1	0.01	33	70	24	3.25	< 2	1	15	< 0.01	< 10	< 10	5	< 10	108
391652	9413 9402	0.15	105	< 1	0.01	33	160	32	4.16	< 2	1	19	< 0.01	< 10	< 10	4	< 10	118
391653	9413 9402	0.45	295	1	0.01	32	50	28	6.64	< 2	1	60	< 0.01	< 10	< 10	5	< 10	82

CERTIFICATION:

ALS Chemex

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Page Number :5-A
Total Pages :5
Certificate Date: 07-AUG-02
Invoice No. :10220836
P.O. Number :
Account :QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
391654	94139402	1.22	0.03	< 0.2	0.28	26	< 10	60	< 0.5	< 2	0.21	< 0.5	11	64	27	3.27	< 10	< 1	0.16	< 10
391655	94139402	1.00	< 0.01	< 0.2	0.29	30	< 10	60	< 0.5	< 2	0.08	< 0.5	8	138	27	2.90	< 10	< 1	0.14	< 10
391656	94139402	1.00	< 0.01	< 0.2	0.27	12	< 10	160	< 0.5	< 2	0.01	< 0.5	5	88	17	0.88	< 10	< 1	0.16	< 10
391657	94139402	0.54	< 0.01	< 0.2	0.26	14	< 10	230	< 0.5	< 2	0.11	< 0.5	6	104	15	1.17	< 10	< 1	0.14	< 10
391658	94139402	0.44	< 0.01	0.2	0.27	26	< 10	190	< 0.5	< 2	0.13	0.5	12	107	28	1.49	< 10	< 1	0.15	< 10
391659	94139402	0.24	0.02	< 0.2	0.39	10	< 10	230	< 0.5	< 2	0.01	< 0.5	4	48	15	0.49	< 10	< 1	0.22	< 10
391660	94139402	1.12	< 0.01	< 0.2	0.29	18	< 10	80	< 0.5	2	0.01	0.5	6	53	28	2.08	< 10	< 1	0.14	< 10
391661	94139402	1.16	< 0.01	0.2	0.29	38	< 10	40	< 0.5	< 2	0.01	< 0.5	14	41	22	3.79	< 10	< 1	0.16	< 10
391662	94139402	1.32	< 0.01	0.2	0.28	34	< 10	50	< 0.5	< 2	0.02	< 0.5	8	61	22	3.18	< 10	< 1	0.16	< 10
391663	94139402	1.60	< 0.01	< 0.2	0.31	34	< 10	10	< 0.5	< 2	0.01	< 0.5	9	45	27	4.49	< 10	< 1	0.18	< 10
391664	94139402	1.32	< 0.01	0.2	0.31	34	< 10	50	< 0.5	< 2	0.02	< 0.5	15	45	31	3.42	< 10	< 1	0.18	< 10
391665	94139402	1.10	0.03	< 0.2	0.32	26	< 10	60	< 0.5	< 2	0.24	< 0.5	17	97	31	2.45	< 10	< 1	0.17	< 10
391666	94139402	1.58	< 0.01	< 0.2	0.30	18	< 10	160	< 0.5	< 2	0.54	< 0.5	9	71	20	1.26	< 10	< 1	0.16	< 10
391667	94139402	1.46	0.15	< 0.2	0.19	22	< 10	70	< 0.5	< 2	2.70	< 0.5	6	127	13	2.15	< 10	< 1	0.09	< 10
391668	94139402	1.00	< 0.01	< 0.2	0.29	18	< 10	40	< 0.5	< 2	0.96	< 0.5	10	79	22	2.64	< 10	< 1	0.14	< 10
391669	94139402	2.22	< 0.01	< 0.2	0.42	36	< 10	40	0.5	2	0.97	< 0.5	19	71	41	3.62	< 10	< 1	0.17	< 10
391670	94139402	1.18	< 0.01	< 0.2	0.42	24	< 10	40	0.5	< 2	0.22	< 0.5	16	35	35	3.66	< 10	< 1	0.20	< 10
391671	94139402	1.80	< 0.01	< 0.2	0.33	20	< 10	40	0.5	< 2	1.60	< 0.5	15	64	40	4.83	< 10	< 1	0.16	< 10
391672	94139402	1.64	0.01	< 0.2	0.32	14	< 10	100	0.5	4	0.98	< 0.5	12	71	27	1.89	< 10	< 1	0.16	< 10
391673	94139402	1.60	< 0.01	< 0.2	0.40	16	< 10	50	0.5	< 2	0.10	< 0.5	17	27	49	3.43	< 10	< 1	0.19	< 10
391674	94139402	2.06	< 0.01	< 0.2	0.35	18	< 10	50	0.5	< 2	0.35	< 0.5	17	47	43	4.27	< 10	< 1	0.15	< 10
391675	94139402	1.74	< 0.01	< 0.2	0.31	22	< 10	50	0.5	< 2	1.55	< 0.5	13	72	43	4.04	< 10	< 1	0.14	< 10
391676	94139402	2.06	0.01	< 0.2	0.32	28	< 10	40	0.5	< 2	0.52	< 0.5	16	54	43	4.36	< 10	< 1	0.15	< 10
391677	94139402	1.78	< 0.01	< 0.2	0.28	12	< 10	110	< 0.5	2	1.07	< 0.5	9	84	19	1.09	< 10	< 1	0.14	< 10
391678	94139402	1.64	0.04	< 0.2	0.31	28	< 10	50	0.5	< 2	0.47	< 0.5	22	29	34	2.09	< 10	< 1	0.16	< 10
391679	94139402	1.62	0.02	< 0.2	0.32	24	< 10	60	0.5	< 2	0.50	< 0.5	22	42	32	1.94	< 10	1	0.16	< 10
391680	94139402	2.16	< 0.01	0.6	0.32	58	< 10	40	0.5	< 2	0.39	1.5	17	56	47	2.79	< 10	1	0.14	< 10
391681	94139402	1.32	< 0.01	0.2	0.32	30	< 10	10	< 0.5	< 2	0.10	1.0	11	70	31	8.08	< 10	< 1	0.14	< 10
391682	94139402	1.74	< 0.01	< 0.2	0.34	38	< 10	20	0.5	< 2	0.06	1.5	21	45	23	3.72	< 10	< 1	0.18	< 10
391683	94139402	1.64	0.02	< 0.2	0.40	38	< 10	80	0.5	< 2	0.05	1.0	17	69	24	1.88	< 10	< 1	0.19	< 10
391684	94139402	1.94	0.02	< 0.2	0.27	36	< 10	60	< 0.5	< 2	0.01	< 0.5	9	89	18	2.11	< 10	< 1	0.12	< 10
391685	94139402	1.58	< 0.01	0.6	0.35	112	< 10	20	< 0.5	2	0.03	1.0	13	107	43	3.61	< 10	< 1	0.12	< 10
391686	94139402	2.68	< 0.01	0.2	0.29	68	< 10	40	< 0.5	< 2	0.03	< 0.5	7	52	29	1.48	< 10	< 1	0.01	< 10
391687	94139402	2.26	0.11	0.2	0.30	66	< 10	40	< 0.5	2	0.02	< 0.5	8	41	27	1.77	< 10	< 1	0.03	< 10
391688	94139402	2.24	0.01	0.2	0.27	120	< 10	30	< 0.5	< 2	0.03	< 0.5	9	34	43	2.92	< 10	< 1	0.04	< 10
391689	94139402	1.62	< 0.01	0.2	0.38	96	< 10	30	< 0.5	< 2	0.04	0.5	12	48	34	2.84	< 10	< 1	0.06	< 10
391690	94139402	2.28	< 0.01	< 0.2	0.23	60	< 10	50	< 0.5	< 2	2.89	0.5	8	34	21	1.95	< 10	1	0.03	< 10
391691	94139402	2.46	< 0.01	0.2	0.31	64	< 10	40	< 0.5	< 2	1.14	0.5	8	48	29	2.38	< 10	< 1	0.07	< 10
391692	94139402	1.96	0.01	0.2	0.29	90	< 10	30	< 0.5	< 2	0.09	< 0.5	9	44	33	2.41	< 10	< 1	0.06	< 10
391693	94139402	1.90	0.01	0.2	0.28	66	< 10	40	< 0.5	< 2	0.50	0.5	8	47	35	2.14	< 10	< 1	0.09	< 10

CERTIFICATION: _____

ALS Chemex

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Certificate Date: 07-AUG-02
Invoice No. : I0220836
P.O. Number :
Account : QJD

CERTIFICATE OF ANALYSIS A0220836

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
391654	9413 9402	0.29	220	1	0.01	31	110	18	3.29	< 2	1	17	< 0.01	< 10	< 10	5	< 10	110
391655	9413 9402	0.07	135	1	0.01	26	320	24	2.67	< 2	1	26	< 0.01	< 10	< 10	6	< 10	168
391656	9413 9402	0.05	55	< 1	0.01	14	90	10	0.65	< 2	< 1	16	< 0.01	< 10	< 10	4	< 10	78
391657	9413 9402	0.08	70	1	0.01	21	350	18	0.89	< 2	< 1	34	< 0.01	< 10	< 10	5	< 10	140
391658	9413 9402	0.13	90	1	0.01	29	220	52	1.11	2	1	27	< 0.01	< 10	< 10	5	< 10	264
391659	9413 9402	0.03	35	< 1	0.01	11	120	4	0.29	< 2	1	21	< 0.01	< 10	< 10	7	< 10	102
391660	9413 9402	0.02	35	1	0.01	18	110	26	2.18	< 2	1	17	< 0.01	< 10	< 10	6	< 10	298
391661	9413 9402	0.06	120	1	0.01	33	70	30	4.14	2	1	11	< 0.01	< 10	< 10	4	< 10	168
391662	9413 9402	0.06	180	< 1	0.01	26	120	48	3.35	< 2	1	12	< 0.01	< 10	< 10	4	< 10	214
391663	9413 9402	0.06	190	< 1	0.01	27	70	38	5.07	< 2	< 1	11	< 0.01	< 10	< 10	4	< 10	244
391664	9413 9402	0.07	90	< 1	0.01	38	80	34	3.69	< 2	1	13	< 0.01	< 10	< 10	5	< 10	246
391665	9413 9402	0.30	180	1	0.01	33	60	24	2.10	< 2	4	19	< 0.01	< 10	< 10	7	< 10	110
391666	9413 9402	0.33	245	< 1	0.01	19	70	14	0.92	< 2	1	57	< 0.01	< 10	< 10	5	< 10	70
391667	9413 9402	1.36	965	< 1	0.01	19	50	14	1.65	< 2	2	163	< 0.01	< 10	< 10	6	< 10	80
391668	9413 9402	0.49	445	< 1	0.02	24	30	6	2.46	< 2	2	80	< 0.01	< 10	< 10	6	< 10	102
391669	9413 9402	0.58	530	1	0.03	42	70	22	3.74	< 2	6	60	< 0.01	< 10	< 10	10	< 10	110
391670	9413 9402	0.27	95	< 1	0.02	33	50	14	4.03	< 2	2	26	< 0.01	< 10	< 10	6	< 10	78
391671	9413 9402	0.93	1040	< 1	0.03	38	80	12	5.29	< 2	4	65	< 0.01	< 10	< 10	7	< 10	106
391672	9413 9402	0.52	640	< 1	0.03	29	70	10	1.60	< 2	3	46	< 0.01	< 10	< 10	5	< 10	118
391673	9413 9402	0.28	160	1	0.03	42	70	16	3.33	< 2	1	25	< 0.01	< 10	< 10	5	< 10	80
391674	9413 9402	0.70	695	1	0.02	34	50	18	2.77	< 2	2	43	< 0.01	< 10	< 10	8	< 10	86
391675	9413 9402	0.74	845	< 1	0.02	37	30	14	4.57	< 2	2	125	< 0.01	< 10	< 10	5	< 10	160
391676	9413 9402	0.26	235	< 1	0.02	48	50	22	5.18	< 2	1	46	< 0.01	< 10	< 10	4	< 10	88
391677	9413 9402	0.59	505	< 1	0.02	18	30	2	1.10	< 2	2	101	< 0.01	< 10	< 10	3	< 10	58
391678	9413 9402	0.25	320	< 1	0.01	45	30	20	2.43	< 2	3	56	< 0.01	< 10	< 10	4	< 10	134
391679	9413 9402	0.27	270	< 1	0.01	40	40	14	2.24	< 2	3	64	< 0.01	< 10	< 10	4	< 10	154
391680	9413 9402	0.21	190	5	0.01	51	70	12	3.25	< 2	3	63	< 0.01	< 10	< 10	16	< 10	228
391681	9413 9402	0.06	40	< 1	0.01	37	90	< 2	9.97	2	1	8	< 0.01	< 10	< 10	4	< 10	78
391682	9413 9402	0.04	30	< 1	0.01	59	80	14	4.25	< 2	1	11	< 0.01	< 10	< 10	3	< 10	88
391683	9413 9402	0.03	40	< 1	0.01	32	90	10	2.02	< 2	1	13	< 0.01	< 10	< 10	5	< 10	82
391684	9413 9402	0.01	40	1	0.01	21	70	8	2.28	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	32
391685	9413 9402	0.02	50	13	< 0.01	81	80	14	4.06	6	3	8	< 0.01	< 10	< 10	25	< 10	140
391686	9413 9402	0.01	35	11	< 0.01	76	90	2	1.64	< 2	3	21	0.03	< 10	< 10	245	< 10	212
391687	9413 9402	< 0.01	25	10	< 0.01	86	190	4	2.00	< 2	2	26	< 0.01	< 10	< 10	119	< 10	182
391688	9413 9402	< 0.01	25	17	< 0.01	71	120	12	3.18	< 2	1	17	< 0.01	< 10	< 10	24	< 10	118
391689	9413 9402	0.01	30	14	< 0.01	140	180	8	3.10	< 2	2	17	< 0.01	< 10	< 10	58	< 10	216
391690	9413 9402	0.51	175	10	< 0.01	79	40	6	1.65	< 2	2	88	< 0.01	< 10	< 10	30	< 10	154
391691	9413 9402	0.51	140	11	< 0.01	77	100	6	2.35	< 2	4	52	< 0.01	< 10	< 10	42	< 10	172
391692	9413 9402	0.05	40	12	< 0.01	109	80	8	2.60	< 2	2	23	< 0.01	< 10	< 10	37	< 10	190
391693	9413 9402	0.17	75	12	< 0.01	93	110	6	2.38	< 2	3	70	< 0.01	< 10	< 10	61	< 10	178

CERTIFICATION:

ALS Chemex
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MANSON CREEK RESOURCES LTD.
500 - 926 5TH AVE. S.W.
CALGARY AB T2P 0N7

Date : 12-Nov-2002
Account: QJD

CERTIFICATE VA02005140

Project : Yukon
P.O. No:
This report is for 68 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 28-Oct-2002.
The following have access to data associated with this certificate:
JP JUTRAS

SAMPLE PREPARATION

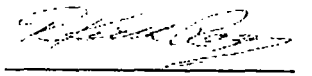
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
Ag-AA46	Ore grade Ag - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS

To: **MANSON CREEK RESOURCES LTD.**
ATTN: JP JUTRAS
500 - 926 5TH AVE. S.W.
CALGARY AB T2P 0N7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex
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[redacted]: MA[redacted] CR[redacted] ESO[redacted] ES LT[redacted]
500 - 926 5TH AVE S.W.
CALGARY AB T2P 0N7

Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2.00	0.01	0.5	1	1	1	0.01	10
24551		0.84	<0.2	0.28	11	<10	40	<0.5	4	5.46	<0.5	29	204	67	2.11	<10
24552		0.52	0.2	0.25	12	<10	60	<0.5	5	5.38	<0.5	37	266	118	2.31	10
24553		1.06	0.4	1.79	2	<10	20	<0.5	<2.00	0.75	1.0	19	228	580	2.43	<10
24554		0.80	3.5	1.94	20	<10	<10.0	<0.5	4	0.68	10.4	33	218	865	3.67	<10
24555		0.92	1.8	1.10	<2	<10	<10.0	0.6	<2.00	0.75	0.7	50	19	395	4.12	<10
24556		1.26	1.1	0.14	757	<10	430	<0.5	<2.00	0.05	4.0	1	85	39	1.50	<10
24557		1.24	5.9	0.14	831	<10	260	<0.5	<2.00	0.04	6.6	3	81	66	1.29	<10
24601		0.82	0.4	0.61	9	<10	40	1.0	<2.00	0.25	<0.5	7	64	19	1.28	<10
24602		0.96	0.7	0.64	77	<10	10	1.3	<2.00	0.62	<0.5	11	53	237	3.48	<10
24603		1.38	<0.2	1.74	<2	<10	20	<0.5	<2.00	0.04	<0.5	22	41	432	3.25	10
24604		1.58	2.3	0.27	6	<10	<10.0	<0.5	6	0.19	<0.5	352	92	4780	>15.0	<10
24605		0.66	8.5	0.34	2	<10	20	<0.5	<2.00	0.07	3.3	26	80	2630	2.09	<10
24701		1.14	0.8	1.03	6	10	70	<0.5	<2.00	0.17	<0.5	80	983	41	3.63	<10
24702		0.66	1.1	0.16	3	50	470	<0.5	3	0.08	<0.5	82	486	11	3.37	<10
24703		1.18	4.2	0.15	728	<10	190	<0.5	<2.00	0.09	30.1	3	35	40	1.56	<10
24704		1.28	6.5	0.26	940	10	60	<0.5	7	1.34	6.3	4	40	66	4.25	<10
24705		1.86	>100	0.10	9530	<10	40	<0.5	<2.00	0.39	4.3	2	78	1070	5.05	<10
24706		1.70	6.1	0.33	400	10	60	<0.5	<2.00	0.18	8.1	10	28	97	3.62	<10
24707		1.06	3.5	0.33	1355	<10	240	<0.5	4	0.61	34.5	3	44	107	4.18	<10
24708		0.74	2.9	0.12	512	<10	240	<0.5	4	0.57	10.5	1	63	42	1.45	<10
24709		1.70	3.7	0.10	442	<10	160	<0.5	<2.00	0.02	0.6	1	73	39	0.79	<10
24710		1.84	21.4	0.15	363	<10	300	<0.5	<2.00	0.04	3.0	3	54	120	1.12	<10
24711		1.02	1.1	0.13	165	<10	160	<0.5	<2.00	0.17	3.0	3	65	16	1.28	<10
24712		1.14	2.3	0.12	94	<10	200	<0.5	<2.00	0.22	3.2	1	71	15	1.20	<10
24713		1.60	4.0	0.12	167	<10	220	<0.5	<2.00	0.05	3.8	1	68	15	0.68	<10
24714		1.62	4.7	0.15	112	<10	250	<0.5	<2.00	0.27	10.7	1	86	64	0.95	<10
24715		0.70	>100	0.09	>10000	<10	40	<0.5	<2.00	0.03	18.6	1	101	146	0.57	<10
24716		0.94	3.0	0.04	>10000	<10	10	<0.5	7	0.02	2.1	<1	77	21	14.85	<10
24951		0.70	2.4	0.31	81	10	160	<0.5	<2	0.96	7.0	5	70	99	1.53	<10
24952		0.36	1.1	0.22	138	<10	130	<0.5	<2	0.11	8.1	5	72	253	1.34	<10
24953		0.56	0.8	0.14	24	<10	100	<0.5	<2	0.16	3.0	3	65	58	1.04	<10
24954		0.70	1.1	0.17	17	<10	120	<0.5	<2	0.18	4.0	2	64	109	0.85	<10
24955		0.54	1.2	0.17	16	<10	120	<0.5	<2	0.26	1.8	2	66	70	0.92	<10
24956		0.84	2.3	0.26	16	10	180	<0.5	<2	1.05	2.1	3	60	78	1.03	<10
24957		0.74	1.9	0.32	22	10	150	<0.5	<2	0.74	4.4	3	59	257	1.00	<10
24958		0.80	1.8	0.42	34	10	170	0.5	<2	0.26	9.0	5	71	222	1.68	<10
24959		0.76	1.8	0.39	33	10	130	0.5	<2	0.55	2.4	4	73	164	1.95	<10
24960		0.80	2.2	0.18	28	<10	70	<0.5	<2	1.80	6.6	6	82	51	3.39	<10
24961		0.66	1.2	0.17	16	<10	100	<0.5	<2	0.32	34.4	4	91	25	1.83	<10
24962		0.66	0.6	0.20	8	<10	160	<0.5	<2	0.42	11.8	4	83	11	1.05	<10

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500 - 926 5TH AVE. S.W.
CALGARY AB T2P 0N7

Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	0.01
24551		<1	0.02	<10	4.31	417	1	<0.01	460	100	6	0.19	<2	2	228	<0.01
24552		<1	0.01	<10	4.24	396	<1	<0.01	537	80	4	0.24	<2	2	223	<0.01
24553		<1	0.01	<10	2.00	687	1	0.03	77	140	77	0.03	4	4	31	0.12
24554		<1	0.03	<10	1.79	746	1	0.04	78	260	2190	0.35	<2	2	10	0.09
24555		<1	0.03	<10	0.69	301	<1	0.04	52	600	147	1.85	4	2	7	0.19
24556		<1	0.07	<10	0.04	599	4	<0.01	21	170	48	0.12	9	1	15	<0.01
24557		1	0.06	<10	0.04	1615	1	<0.01	37	140	50	0.07	26	1	10	<0.01
24601		<1	0.25	<10	0.45	140	<1	0.07	27	230	6	0.38	<2	1	6	0.28
24602		<1	0.09	<10	0.25	159	2	0.05	29	740	80	1.37	<2	2	14	0.13
24603		<1	0.07	<10	1.60	191	<1	0.04	18	150	<2	0.11	<2	2	4	0.01
24604		<1	0.03	<10	0.13	167	8	0.01	570	240	8	9.88	<2	3	8	0.06
24605		<1	0.05	10	0.12	82	1	0.06	72	110	4	0.77	<2	1	10	0.02
24701		<1	<0.01	<10	13.85	606	1	<0.01	1506	20	<2	0.08	<2	5	11	0.01
24702		<1	0.01	10	>15.0	442	1	<0.01	2020	20	3	0.03	<2	3	16	0.01
24703		<1	0.08	<10	0.24	382	14	<0.01	60	580	345	0.14	61	1	42	<0.01
24704		<1	0.12	<10	0.35	484	6	<0.01	65	5720	224	3.09	68	2	224	<0.01
24705		1	0.05	<10	0.22	1315	2	<0.01	28	570	1085	4.13	830	2	44	<0.01
24706		1	0.21	<10	0.11	588	4	<0.01	55	730	291	2.33	75	3	51	<0.01
24707		1	0.18	<10	0.04	212	7	<0.01	49	3230	348	0.74	223	2	110	<0.01
24708		2	0.07	<10	0.02	176	5	<0.01	18	300	358	0.14	77	1	39	<0.01
24709		1	0.07	<10	0.05	281	1	<0.01	12	100	14	0.03	25	1	5	<0.01
24710		<1	0.10	<10	0.02	946	1	<0.01	35	230	35	0.04	95	1	11	<0.01
24711		<1	0.08	<10	0.18	2030	1	<0.01	25	150	12	0.13	10	1	22	<0.01
24712		<1	0.08	<10	0.02	94	4	<0.01	15	150	62	0.59	23	<1	16	<0.01
24713		2	0.08	<10	0.04	203	4	<0.01	19	120	2220	0.11	94	<1	13	<0.01
24714		<1	0.10	<10	0.11	246	10	<0.01	21	130	339	0.10	64	<1	19	<0.01
24715		9	0.04	<10	0.01	48	30	<0.01	39	280	>10000	5.85	>10000	<1	14	<0.01
24716		<1	0.03	<10	0.02	70	1	<0.01	20	20	401	>10.0	110	1	23	<0.01
24951		1	0.12	<10	0.03	64	11	<0.01	95	4330	867	1.60	85	2	159	<0.01
24952		1	0.08	<10	0.04	59	7	<0.01	96	670	12	1.20	6	1	60	<0.01
24953		<1	0.06	<10	0.02	34	18	<0.01	69	830	31	0.86	5	1	82	<0.01
24954		1	0.06	<10	0.01	33	10	<0.01	67	1000	8	0.73	3	1	111	<0.01
24955		<1	0.06	<10	0.01	36	11	<0.01	66	1280	17	0.75	3	1	91	<0.01
24956		1	0.10	<10	0.02	40	11	<0.01	76	4750	14	0.98	3	2	144	<0.01
24957		1	0.08	<10	0.02	45	9	<0.01	77	3750	34	0.98	6	1	235	<0.01
24958		1	0.09	<10	0.02	154	19	<0.01	129	1710	119	1.45	8	1	168	<0.01
24959		1	0.09	<10	0.03	51	21	<0.01	110	2750	17	1.66	7	2	73	<0.01
24960		1	0.06	<10	0.69	494	4	<0.01	86	3090	14	3.38	6	1	219	<0.01
24961		1	0.03	<10	0.16	555	5	<0.01	102	440	10	1.47	2	1	21	<0.01
24962		<1	0.06	<10	0.23	755	2	<0.01	67	160	4	0.41	<2	<1	13	<0.01

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CALGARY AB T2P 0N7

Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-AA26 Au ppm 0.01	Ag-AA46 Ag ppm 1	Pb-AA46 Pb % 0.01
24551		<10	<10	9	<10	6	0.08		
24552		<10	<10	7	<10	25	0.02		
24553		<10	<10	54	<10	239	0.01		
24554		<10	<10	72	<10	2560	0.02		
24555		<10	<10	91	<10	163	0.02		
24556		<10	<10	16	<10	248	0.08		
24557		<10	<10	7	<10	358	0.06		
24601		<10	<10	39	<10	42	0.01		
24602		<10	<10	32	10	196	0.01		
24603		<10	<10	28	<10	23	0.02		
24604		<10	<10	18	<10	111	0.02		
24605		<10	<10	5	<10	83	<0.01		
24701		<10	<10	25	<10	26	0.02		
24702		<10	<10	8	<10	23	0.01		
24703		<10	<10	24	<10	616	0.02		
24704		<10	<10	29	<10	526	0.12		
24705		<10	<10	8	120	293	1.11	155	
24706		<10	<10	9	<10	613	0.02		
24707		<10	<10	23	<10	1295	0.04		
24708		<10	<10	23	<10	459	0.02		
24709		<10	<10	3	<10	87	0.07		
24710		<10	<10	4	<10	423	0.04		
24711		<10	<10	3	<10	218	0.01		
24712		<10	<10	10	<10	206	0.06		
24713		<10	<10	15	<10	298	0.17		
24714		<10	<10	29	<10	1060	0.24		
24715		<10	20	7	<10	640	0.20	153	>30.0
24716		<10	<10	1	<10	15	3.57		
24961		<10	10	66	<10	312	0.01		
24962		<10	<10	77	<10	384	0.01		
24963		<10	<10	36	<10	234	0.03		
24964		<10	<10	45	<10	247	0.01		
24965		<10	<10	40	<10	165	0.01		
24966		<10	10	55	<10	110	<0.01		
24967		<10	10	82	<10	318	0.01		
24968		<10	<10	78	<10	723	0.01		
24969		<10	10	79	<10	284	0.01		
24960		<10	<10	35	<10	702	0.01		
24961		<10	<10	31	<10	2340	0.01		
24962		<10	<10	48	<10	1195	<0.01		

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CALGARY AB T2P 0N7

Date : 12-Nov-2002
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Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2.00	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
24963		0.82	0.6	0.06	9	<10	150	<0.5	<2	0.18	29.8	9	102	17	2.15	10
24964		0.58	3.3	0.26	49	<10	40	<0.5	<2	0.28	20.1	16	88	78	5.62	10
24965		0.70	2.6	0.25	30	10	130	<0.5	<2	0.23	1.8	5	62	167	1.72	<10
24966		0.50	2.2	0.27	19	10	170	<0.5	<2	1.04	2.4	3	75	171	1.01	<10
24967		0.74	1.7	0.19	21	<10	170	<0.5	<2	0.10	1.6	3	58	141	0.99	<10
24968		0.96	3.7	0.24	27	10	150	<0.5	<2	0.63	15.2	5	81	77	1.39	<10
24969		0.64	5.1	0.19	57	10	120	<0.5	<2	0.56	24.0	6	66	74	1.51	<10
24970		0.44	12.6	0.18	186	<10	120	<0.5	<2	0.42	45.9	5	78	468	1.23	<10
24971		0.20	21.7	0.09	342	<10	120	<0.5	<2	0.29	32.3	3	128	1045	0.65	<10
24972		0.62	7.5	0.16	124	<10	80	<0.5	<2	0.29	4.1	7	60	233	2.81	<10
24973		0.68	3.2	0.14	82	<10	110	<0.5	<2	0.17	3.2	5	55	99	1.63	<10
24974		0.40	2.3	0.24	72	<10	130	0.7	<2	4.65	8.1	8	46	74	2.01	10
24975		0.42	1.8	0.21	90	10	110	0.6	<2	3.41	14.1	8	51	104	1.57	10
24976		0.92	7.7	0.20	242	10	100	0.6	<2	3.45	13.9	8	46	522	1.47	10
24977		0.66	6.9	0.17	309	<10	80	0.5	<2	2.70	5.7	7	41	542	2.22	10
24978		0.80	5.4	0.17	104	<10	100	0.6	<2	2.97	17.5	12	84	182	2.59	10
24979		0.92	2.7	0.19	97	10	70	0.6	<2	1.01	3.8	10	44	91	3.06	<10
24980		0.48	2.2	0.25	85	10	100	0.7	<2	0.61	5.3	9	57	69	2.57	<10
24981		1.14	1.9	0.21	80	10	110	0.7	<2	1.03	4.8	8	36	61	1.74	<10
24982		0.88	2.2	0.24	74	10	130	0.7	<2	1.29	7.4	8	48	85	1.51	<10
24983		0.66	2.8	0.20	73	10	130	0.6	<2	1.23	17.9	7	34	118	0.85	<10
24984		0.74	2.1	0.19	75	10	120	<0.5	<2	0.44	8.4	7	44	84	1.16	<10
391751		0.12	3.5	1.10	105	10	40	1.6	<2	2.34	4.5	7	100	101	7.45	<10
391752		0.36	3.4	0.37	144	<10	20	<0.5	<2	0.02	8.0	6	91	108	8.30	<10
391753		0.32	5.2	0.66	227	<10	20	0.7	11	0.30	6.8	<1	69	157	12.40	<10
391754		0.20	4.2	0.92	173	10	20	1.3	13	1.39	5.8	2	114	126	9.91	<10
391755		0.18	4.9	0.50	43	10	50	0.5	5	1.51	4.1	5	114	89	4.96	<10
391756		0.12	4.4	0.45	61	10	30	<0.5	6	0.43	7.5	20	127	132	8.96	<10

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CALGARY AB T2P 0N7

Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Ti % 0.01
24963		1	0.02	<10	0.09	1795	3	<0.01	133	130	5	0.69	2	<1	11	<0.01
24964		2	0.10	<10	0.05	2040	10	<0.01	206	1030	20	4.32	6	2	99	<0.01
24965		<1	0.07	<10	0.01	100	12	<0.01	134	1160	9	1.61	4	1	46	<0.01
24966		<1	0.10	<10	0.02	47	9	<0.01	90	4690	10	1.03	3	2	92	<0.01
24967		<1	0.06	<10	0.02	33	6	<0.01	93	550	9	1.04	<2	<1	49	<0.01
24968		1	0.09	<10	0.07	143	16	<0.01	156	2420	26	1.48	7	1	251	<0.01
24969		1	0.08	<10	0.10	493	15	<0.01	174	1770	1285	1.67	20	1	229	<0.01
24970		3	0.07	<10	0.09	261	30	<0.01	144	1240	1335	1.49	118	1	162	<0.01
24971		4	0.04	<10	0.13	282	16	<0.01	90	310	108	0.61	199	<1	42	<0.01
24972		1	0.09	<10	0.14	299	8	<0.01	256	320	74	2.92	47	1	42	<0.01
24973		1	0.07	<10	0.08	109	8	<0.01	202	230	22	1.71	15	1	28	<0.01
24974		1	0.12	<10	2.63	927	18	<0.01	182	1430	45	2.02	8	3	286	<0.01
24975		2	0.11	<10	1.92	753	30	<0.01	200	780	54	1.64	12	3	174	<0.01
24976		1	0.10	<10	2.00	1100	52	<0.01	202	330	70	1.45	83	3	139	<0.01
24977		1	0.09	<10	1.47	1815	43	<0.01	195	590	2080	2.35	624	3	139	<0.01
24978		3	0.08	<10	1.68	1790	23	<0.01	273	500	456	1.85	36	2	326	<0.01
24979		1	0.10	<10	0.54	339	77	<0.01	213	570	93	3.25	16	2	96	<0.01
24980		2	0.13	<10	0.29	126	78	<0.01	216	640	198	2.78	11	1	77	<0.01
24981		1	0.11	<10	0.57	157	67	<0.01	193	430	65	1.98	11	2	103	<0.01
24982		2	0.12	<10	0.72	204	65	<0.01	167	530	63	1.70	14	2	113	<0.01
24983		4	0.11	<10	0.69	289	70	<0.01	161	300	136	0.99	16	1	86	<0.01
24984		2	0.10	<10	0.23	99	71	<0.01	175	340	39	1.29	12	1	43	<0.01
391751		2	0.16	20	0.16	97	24	0.01	84	>10000	20	7.81	13	7	176	<0.01
391752		1	0.10	<10	0.02	82	12	<0.01	80	940	12	8.28	11	1	26	<0.01
391753		<1	0.09	<10	0.02	175	10	0.01	79	4460	11	>10.0	21	3	67	<0.01
391754		<1	0.16	<10	0.05	123	10	0.01	82	9800	13	>10.0	19	5	110	<0.01
391755		3	0.09	<10	0.34	320	6	<0.01	111	5220	20	5.28	9	2	62	<0.01
391756		1	0.17	<10	0.04	3370	10	<0.01	299	1990	27	7.00	15	4	182	<0.01

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

[redacted]: MARBLE CREEK RESOURCES LTD.
500 - 926 5TH AVE. S.W.
CALGARY AB T2P 0N7

Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-AA26 Au ppm 0.01	Ag-AA46 Ag ppm 1	Pb-AA46 Pb % 0.01
24963		<10	<10	18	<10	3430	<0.01		
24964		<10	<10	49	<10	3460	0.02		
24965		<10	<10	43	<10	265	0.02		
24966		<10	10	66	<10	112	<0.01		
24967		<10	<10	47	<10	81	<0.01		
24968		<10	10	74	<10	1040	0.01		
24969		<10	<10	65	<10	2840	<0.01		
24970		<10	10	118	<10	4180	0.01		
24971		<10	10	130	<10	3240	<0.01		
24972		<10	10	15	<10	1025	0.01		
24973		<10	<10	14	<10	584	<0.01		
24974		<10	10	69	<10	1590	0.01		
24975		<10	10	94	<10	1915	0.01		
24976		<10	10	144	<10	2120	0.01		
24977		<10	10	113	<10	1050	0.02		
24978		<10	10	83	<10	3560	<0.01		
24979		<10	20	91	<10	775	0.01		
24980		<10	30	121	<10	749	0.01		
24981		<10	20	96	<10	639	0.01		
24982		<10	30	117	<10	886	<0.01		
24983		<10	10	143	<10	2150	<0.01		
24984		<10	20	116	<10	964	0.01		
391751		<10	10	377	<10	353	0.01		
391752		<10	<10	127	10	524	0.01		
391753		<10	<10	210	<10	425	0.02		
391754		<10	<10	354	<10	445	0.01		
391755		<10	<10	101	<10	488	0.02		
391756		<10	<10	78	<10	4600	0.02		

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

A0222066

Comments: ATTN: JEAN-PIERE JUTRAS

CERTIFICATE A0222066

(QJD) - MANSON CREEK RESOURCES LTD.

Project: YUKON
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-AUG-2002.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
244	20	Pulp; prev. prepared at Chemex

* NOTE 1:

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
Ba-ICP06	20	BaO %: Whole rock	ICP-AES	0.01	100.00

ALS Chemex
Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Page Number :1
Total Pages :1
Certificate Date: 16-AUG-2002
Invoice No. : I0222066
P.O. Number :
Account : QJD

CERTIFICATE OF ANALYSIS A0222066

SAMPLE	PREP CODE		BaO %
391686	244	--	26.24
391687	244	--	28.98
391688	244	--	22.29
391689	244	--	18.48
391690	244	--	27.02
391691	244	--	20.13
391692	244	--	22.84
391693	244	--	13.28
391694	244	--	19.55
391695	244	--	33.41
391696	244	--	37.87
391697	244	--	31.97
391698	244	--	28.34
391699	244	--	25.36
391700	244	--	37.70
391701	244	--	33.24
391702	244	--	25.43
391703	244	--	23.18
391704	244	--	32.43
391705	244	--	30.83

CERTIFICATION:_____

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

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW
CALGARY, AB
T2P 0N7

Project : YUKON
Comments: ATTN: JEAN-PIERE JUTRAS

Certificate Date: 16-AUG-2002
Invoice No. : I0222066
P.O. Number :
Account : QJD

CERTIFICATE OF ANALYSIS A0222066

SAMPLE	PREP CODE	BaO %
391686	244 --	26.24
391687	244 --	28.98
391688	244 --	22.29
391689	244 --	18.48
391690	244 --	27.02
391691	244 --	20.13
391692	244 --	22.84
391693	244 --	13.28
391694	244 --	19.55
391695	244 --	33.41
391696	244 --	37.87
391697	244 --	31.97
391698	244 --	28.34
391699	244 --	25.36
391700	244 --	37.70
391701	244 --	33.24
391702	244 --	25.43
391703	244 --	23.18
391704	244 --	32.43
391705	244 --	30.83

CERTIFICATION:_____

APPENDIX 4

Statement of Expenditures

TANNER CLAIMS-STATEMENT OF EXPENDITURES
DRILLING/GEOPHYSICS-2002

DRILLING/SUPPORT COSTS

T-01-02 Claim Number: Tanner # 7 YCO 2349
Azimut: 210 degrees, dip: 45 degrees, length: 502 feet.

Drilling costs	12,065.50	Caron Drilling Invoice #3821
Consumables	288.66	Caron Drilling Invoice #3821

Helicopter Costs

Date	Hours	Amount ($1,135.00/hour)	
18-Jun	3.6	4,086.00	West Coast Invoice # 16930
19-Jun	1.9	2,156.50	West Coast Invoice # 16931
20-Jun	1.2	1,362.00	West Coast Invoice # 16932
21-Jun	2.2	2,497.00	West Coast Invoice # 16933
22-Jun	1	1,135.00	West Coast Invoice # 16934
23-Jun	0	0.00	

TOTAL T-01-02 23,590.66

T-02-02 Claim Number: Tanner # 4 YCO2346
Azimut: 030 degrees, dip: 45 degrees, length: 502 feet.

Drilling costs	11,757.50	Caron Drilling Invoice #3821
Consumables	288.66	Caron Drilling Invoice #3821

Helicopter Costs

Date	Hours	Amount ($1,135.00/hour)	
24-Jun	2.5	2,837.50	West Coast Invoice # 16937
25-Jun	2.1	2,383.50	West Coast Invoice # 16939
26-Jun	1.2	1,362.00	West Coast Invoice # 16940
27-Jun	1.7	1,929.50	West Coast Invoice # 16942
28-Jun	0.4	454.00	West Coast Invoice # 16943

TOTAL T-01-02 21,012.66

SUPERVISION/GEOPHYSICS/CORE LOGGING

Geologist	14 days @ $400.00/day	5,600.00	
Camp Costs	14 days @ $118.56/day	1,659.84	
Ground Geophysics (2 man crew)		7,094.10	(Aurora Geosciences)
Camp Costs Geophysics (5 days)		1,185.60	
Assays	158 samples @ $24.00	3,792.00	(Chemex)

Total costs submitted: 63,934.86

DATED:

Signed:

Jean-Pierre Jutras, Vice-President
Manson Creek Resources Ltd.

APPENDIX 5

Certificate of Qualifications

CERTIFICATE OF QUALIFICATIONS

I, Jean-Pierre Jutras, having my place of residence at 2808-7th avenue NW, Calgary, Alberta, do hereby certify that:

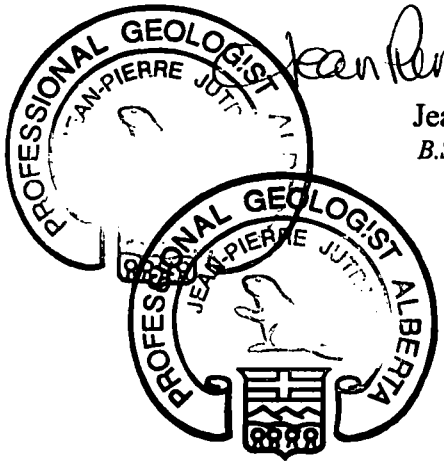
1) I am a qualified Geologist having obtained my Bachelor of Sciences (Honors) Degree in Geology at the University of Alberta, Edmonton, Canada in 1991.

2) I am a professional practicing geologist registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA).

3) I have practiced the profession of exploration geology on three continents and nine countries since 1991.

4) I have personally designed and supervised the Tanner 2002 drill program and am familiar with all the data presented in this report. Interpretations presented herein are well supported by the field evidence and past work conducted on the Property.

Respectfully submitted on January 15th, 2003 by:



Jean-Pierre Jutras
B.Sc. Hons. Geology
P.GEOL.