YUKON MINERAL INCENTIVE PROGRAM
(YMIP)

Designated number of program: 02-037

DRILLING REPORT

JRS CLAIMS

NTS MAP SHEET 106 D/1-106 C/4

Project supervisor and author of technical report: Jean-Pierre Jutras, P.Geol

Prepared for : Manson Creek Resources Ltd.
Suite 500, 926-5th avenue S.W.
Calgary , AB
Canada
T2P 0N7

WORK PERIOD: June 28th to July 6^{th,} 2002

TECHNICAL REPORT

JRS 1-25 claims
Mayo Mining District
Yukon Territories

Within the framework of the
YUKON MINING INCENTIVES PROGRAM

TARGET DEFINITION MODULE

Submitted by:
Jean-Pierre Jutras, P.Geol
Manson Creek Resources Ltd.

02-037

TABLE OF CONTENTS

List of Maps, Tables and Illustrations

APPENDICES

INTRODUCTION

During the summer 2002, three diamond drill holes were drilled from two set ups on the JRS Property by Manson Creek Resources Ltd. to test for blind VMS Marg-style massive sulphide mineralization under the YMIP target definition program.

The drill program was successful in identifying new hard rock occurrences of low grade gold, silver, copper and zinc mineralization associated with blind exhalative style sections of pyrite dominated semi-massive to massive sulphides. Furthermore, the geological context in terms of host rocks and alterations on the property has been confirmed as closely resembling the context know at the Marg Deposit, located some 25 Km to the south west.

Mesothermal style gold bearing quartz-barite-arsenopyrite/stibnite veins were also identified in drilling and during surface work.

Further exploration is justified at the JRS property in consideration of the first pass drilling program. The 2003 drilling has outlined the presence of a mineralized system and further work should focus on vectoring into potentially thicker and richer sections of the system. Further work should entail ground geophysical surveys as well as an orientation soil survey over the target area to identify coincident polymetallic anomalies representative of Marg style polymetallic mineralization, further shales hosted zinc dominated mineralization or additional gold occurrences in veins.

1) Project Location

The JRS Property consists of 25 claims duly located and recorded in the Mayo Mining District of the Yukon Territories. The claims were staked by Manson Creek Resources Ltd. in August of 2001. They are located on NTS map sheet 106/D1 and 106/C4.

Table 1: List of claims

Claim Name	Grant Number	Expiry date
JRS 1 to 25	YC09924 toYC09948	August 29/2002

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

The JRS 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.

Indian and Northern Affairs Canada
Northern Affairs Program

Affaires indiennes et du Nord Canada
Programme des affaires du Nord

Mineral Rights Droits miniers

SHEET 106D-1
QUARTZ & PLACER

SEE ADJACENT MAP SHEET(S) EDGES FOR ADJOINING MINERAL CLAIMS NOT SHOWN ON THIS MAP

NOTICE

Canada
MAYO MINING DISTRICT

DECEMBER 13, 2001

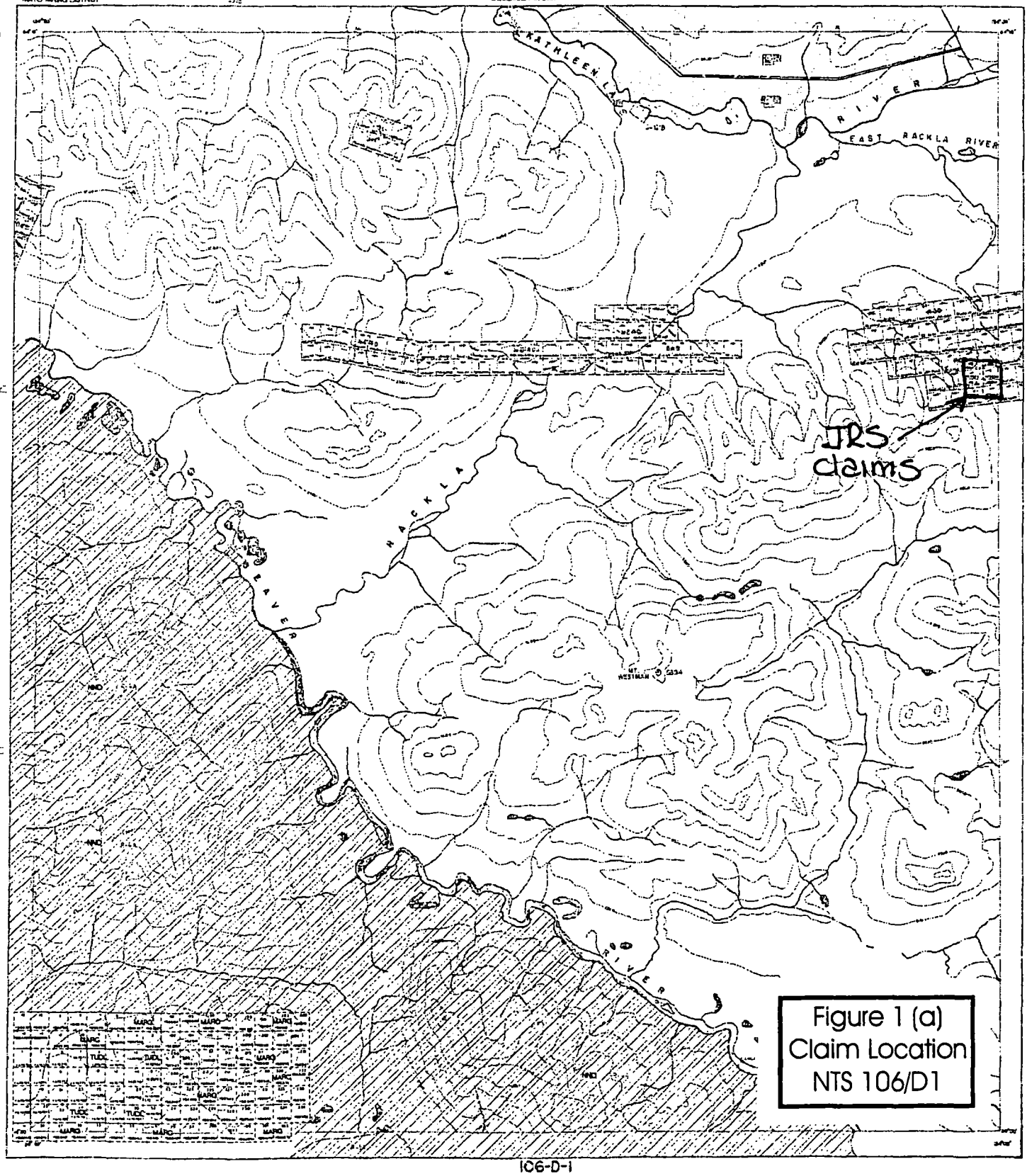


Figure 1 (a)
Claim Location
NTS 106/D1

106-D-1

NOTICE

SHEET 106C-4

SEE ADJACENT MAP SHEET(S) EDGES FOR ADJOINING MINERAL CLAIMS NOT SHOWN ON THIS MAP

DECEMBER 13, 2001

MAYO MINING DISTRICT

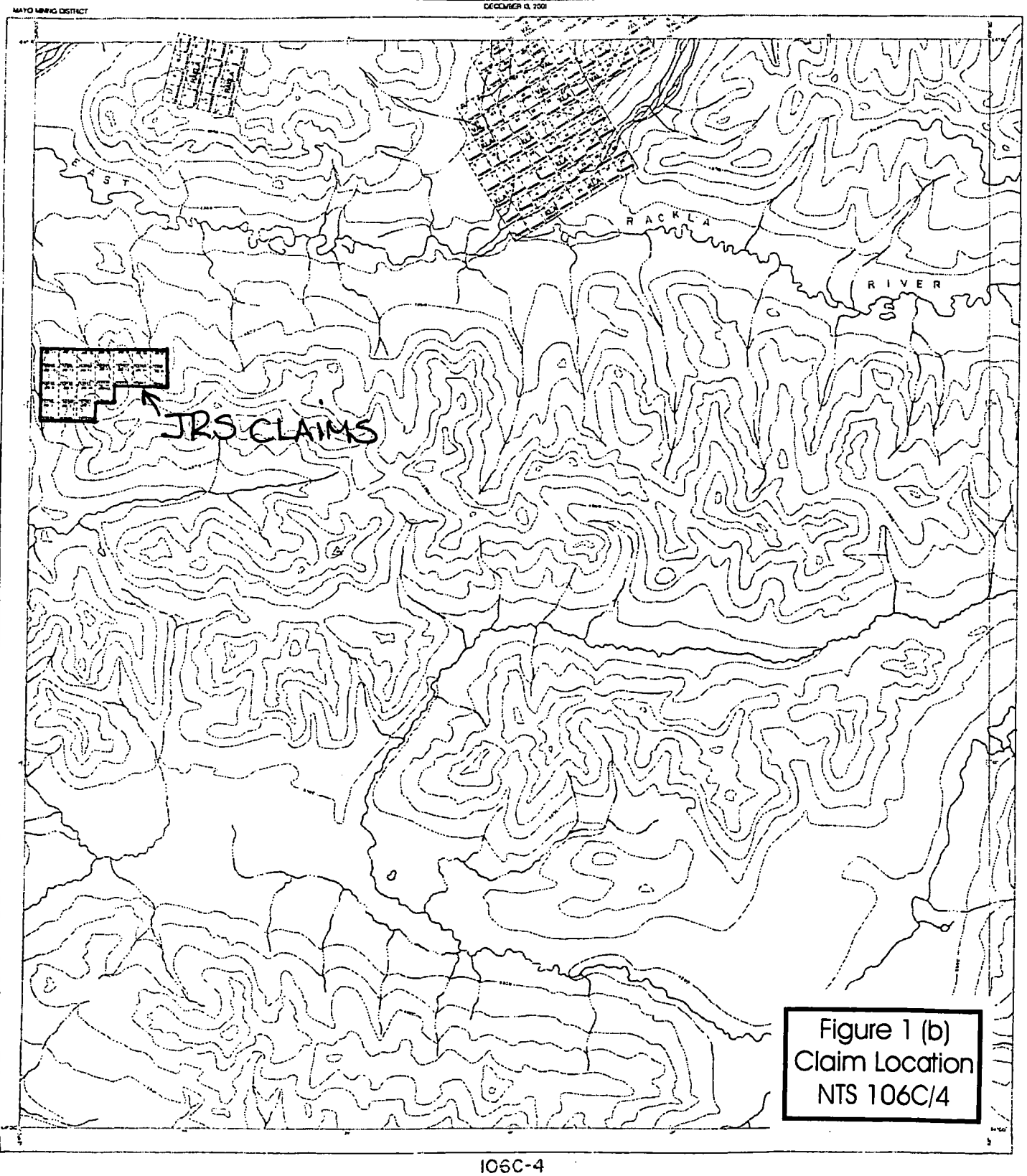


Figure 1 (b)
Claim Location
NTS 106C/4

106C-4

2) Access

Access to the properties is by helicopter either from Whitehorse (400 Km), Mayo (80 KM) or from the Rackla Airstrip (37 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 by Manson Creek Resources Ltd. 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). It is located some 25 kilometers to the south west of the JRS claims.

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 is therefore 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.

4) Previous work on the property

Previous work on the JRS claims include limited regional scale helicopter supported stream sampling carried out by Manson Creek Resources in 1998. A very extensive and significant stream geochemical anomaly was identified on what is now the JRS Property. In addition, a significant oxidation zone from which originates a transported gossan was observed at the head of a creek which is now in the center of the area that has become the JRS Property.

Manson Creek Resource personnel carried out a small scale reconnaissance program on the JRS property in 2001 which included some mapping as well as grab sampling and water sampling. A VMS style drill target was identified during this program.

The target area at JRS consists of a relatively large, outcropping oxidation zone occurring near the head of a drainage with significant stream geochemical anomalies and at a favorable lithological change (figure 2). A large gossan is visible in the creek near the oxidation zone and is caused by material seeping from within the zone of oxidation. Stream geochemical values obtained downstream of this occurrence returned values of 8730 and 2300 ppm Zn as well as 255 and 450 ppm Cu. The two samples quoted were respectively some 100 and 500 meters downstream of the oxide zone. No gold assays were performed on the stream seds.

A 0.5 to 2+ meter thick zone of oxidation partially outcrops over some 150 meters of strike length at a change in stratigraphy between black shales and light colored quartz-chlorite/sericite schists. Examination of the siliceous units supports an interpretation that they may be aphanitic felsic volcanic rocks or felsic tuffs, although due to the fine grained nature of the unit, a siliceous silt or mud cannot be ruled out. The siliceous units locally carry 5 to 60+% disseminated, fine grained euhedral pyrite. One sample of pyritic siliceous material returned grades of 0.79 g/t gold, 1.8 g/t silver and 0.39% copper indicating that metals were present during the formation/deposition of these sulphides.

The oxidation zone is composed of an iron-oxide matrix (80%) cementing 'clasts' of schist and bull quartz veins with abundant sulphide casts. Sulphide casts can also be observed in the oxide matrix of the zone. Contacts of this oxidized zone when seen with the overlying black shales is sharp. It is interpreted that this zone of oxidation may be related to *in-situ* weathering of sulphide bearing bands or beds of exhalative origin. Water samples collected at sites where fluids seep from the oxidation zone supports the interpretation that metal bearing sulphides may be present under the surface (Figure 2 b). Barite is present in quartz veins and veinlets within the shales above the zone.

In one instance, a small vein of quartz+/-iron carbonates+ galena+ sphalerite of widths ranging between 5 and 10 centimeters and oriented in the direction of the main schistosity is exposed cutting the pyritic shales. Although this vein may have contributed to the stream geochemical anomaly, its size may not be considered sufficient enough to be the source of the values obtained in geochemical sampling.

The JRS showing has no obvious specific airborne geophysical signature. The overlying black shales are locally very graphitic and give rise to a conductivity anomaly of such scale as to obscure any possible conductivity from a sulphide zone, if present. No particular magnetic signature is seen in the area.

In considering the significance of the JRS showing, specific references can be made to published data from the Marg deposit (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):

-Marg occurs at a stratigraphic change between black shales and quartz-sericite schists interpreted to be metamorphosed felsic volcanic rocks.

-The Marg mineralization is completely oxidized to depths of some 20 meters. No surface expression of fresh massive sulphides are documented although gossans are.

-A gossanous deposit is visible in streams draining the mineralization.

-The Marg deposit consists of lenses of pyrite dominated (90%) fine grained sulphides some 0.30 to 7 meters thick. Contacts with underlying quartz sericite schists and overlying carbonaceous black phyllites tend to be sharp.

A field visit to the Marg area during 2001 has allowed Manson Creek contractors to conclude that although the metamorphic grade (and deformation) at Marg appears generally higher, hangingwall and footwall units/stratigraphy are visually very similar.

A review of regional aeromagnetic government data (Yukon Digital Geology CD, open file 1999-1(D) does not indicate that the Marg mineralization has a conspicuous magnetic signature.

Stream geochemical anomalies are present at roughly equivalent stratigraphic intervals over three creeks outlining mineralization over some 4 Km in an east west direction. The JRS showing (oxide zone) is the only showing visible at the head of these anomalies as in the other two creeks, tree and moss cover obscures outcrop exposures. Historical silver-lead-zinc zones of mineralization occurs on a ridge crest between two of the anomalous drainages but are considered unlikely to be the source of the anomalies due to their small size and in comparison with values obtained in sampling of creeks where similar, larger mineralized occurrences are the known metal contributors (Val/Vera and Craig, Discovery zones).

5) 2002 Work program

Objectives

The objective of the 2002 work program was to test by diamond drilling the area of strong gossan formation on a creek where sulphide mineralization had previously been identified in black shales and quartz-sericite schists.

Methodology

Three diamond drill holes were drilled along the western edge of the creek where iron oxide seeps were previously noted and where massive sulphide mineralization had previously been recognized in association with black shales and quartz sericite schists. Drilling was conducted to the north to intersect both limbs of an inferred slightly overturned tight fold structure.

Two holes were drilled from one setup and the third hole was drilled stepping back roughly 100 meters to complete a reasonable section fence. 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 2. All core was drilled using thin wall BQ rods.

TABLE 2

Drill hole #	UTM East	UTM north	Azimuth	Angle	Total Depth
JRS-01-02	550506	7116361	310	-55	120.4 m
JRS-02-02	550506	7116361	0	-90	106.53
JRS-03-02	550587	7116286	310	-55	157.58 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 JRS Property started on June 28th and ended on July 6th, 2002.

Results

The 2002 drilling at JRS has positively identified a new mineralized VMS style (volcanogenic massive sulphide) occurrence. Numerous intervals of pyrite dominated syngenetic massive sulphide that were intersected are now known to carry precious and base metals in a setting comparable to that of the nearby Marg VMS deposit. Gold values ranged up to 0.38 g/t in massive sulphides, silver ranged up to 27.6 g/t, zinc values ranged up to 4180 ppm (0.42%) and copper values ranged up to 2760 ppm (0.28%). Nickel, tin, arsenic, molybdenum and mercury were also found to be anomalous. Highly anomalous metal values occur through intervals of shales and semi-massive to massive sulphides and the distribution of the metals is still poorly understood at present. It would appear at this time that higher copper and gold values are often related to massive sulphide intervals while higher zinc values are found in black shale sections with disseminated to semi-massive sulphide bands and barite.

The origin of quartz-sericite schists ("QSS") also remains poorly understood at this time. The unit appears to be related to an alteration phase and not necessarily reflect an underlying specific lithological component. Observation taken into account include quartz-sericite "fronts" developed into both shales and chert facies, transitional boundaries between massive quartz sericite sections and other lithologies and quartz sericite replacement of coarser grained sedimentary bands within sedimentary (shale) intervals. The quartz sericite schists usually have an unidentifiable protolith and have well developed, disseminated millimeter sized pyrite (5-15%) with a distinct cubic habit which shows rotation along foliation planes. Mineralization is not commonly related to sulphides related to this phase. It is believed at this time that QSS development is a product of hydrothermal alteration of the original lithologies and may be related to feeder activity in a VMS style environment.

Minor agglomerates and possible tuffs have been identified in drilling. Fine grained siliceous units, field termed 'cherts' , may represent siliceous exhalative untis. The majority of lithologies encountered were fine grained sedimentary facies dominated by siltstones and mudstones. Core angle bedding variations confirm significant folding but the absence of true marker units does not allow for proper correlation of intervals across drill holes on the sections due to unresolved fold geometry.

Summary drill logs are presented in Table 3. Full drill logs, sections and summary of assay results are presented in appendix 2.

Table 3
Summary Drill Logs

DDH JRS-01-02

FROM (m)	TO (m)	Lithology	Intersection (m)	Comments
0	21.8	Mudstones/siltstones	21.8	Local Massive sulphide bands
21.8	93.3	Mixed QSS/Mudst/Siltst	71.5	Local Massive sulphide bands, Qz-Apy-Ba vein
93.3	107.3	Chert/Siliceous exhalative	14	Local Massive sulphide bands
107.3	120.4	Mixed QSS/Mudst/Siltst	13.1	

* DDH 1 contains a minimum cumulative massive sulphide thickness of 1.08 meters in 8 intersections ranging in thickness from 5 to 40 cm.

DDH JRS-02-02

FROM (m)	TO (m)	Lithology	Intersection (m)	Comments
0	23	Mixed QSS/mudst/siltst	23	
23	26.7	Chert/Siliceous exhalative	3.7	Local Massive sulphide bands
26.7	29.26	Mixed chert/QSS/Mudst/Siltst	2.56	Local Massive sulphide bands
29.26	38.4	Chert/Siliceous exhalative	9.14	Local Massive sulphide bands
38.4	45.7	Mixed QSS/mudst/siltst	7.3	Local Massive sulphide bands
45.7	46.6	Chert/Siliceous exhalative	0.9	Local Massive sulphide bands
46.6	106.5	Mixed QSS/mudst/siltst	59.9	Local Massive sulphide bands

*DDH 2 contains a minimum cumulative massive sulphide thickness of 1.48 meters in 14 intersections ranging in thickness from 5 to 20 cm.

DDH JRS-03-02

FROM (m)	TO (m)	Lithology	Intersection (m)	Comments
0	105.9	Mixed mudstones, siltstones/volcanic tuffs(?) and agglomerates	105.9	Local disseminated to semi-massive py-gn-sph, barite veining
105.9	121.3	Mudstones/siltstones	15.4	Local Massive sulphide bands
121.3	136.9	Mixed chert/QSS/Mudst/Siltst	15.6	Local Massive sulphide bands
136.9	138.8	Chert/Siliceous exhalative	1.9	Local Massive sulphide bands

138.8	157.58	Mixed QSS/mudst/siltst	18.78	Local Massive sulphide bands

* DDH 3 contains a minimum cumulative massive sulphide thickness of 1.05 meters in 10 intersections ranging in thickness from 3 to 15 cm.

Over 32 distinct massive sulphide intervals intersected in the initial three drill holes ranged between 3 to 40 centimeters in thickness. The distribution of mineralization at this time is still poorly understood with massive sulphides occurring both in black shales and quartz sericite schists. Further work on the property should aim to vector into thicker and richer intervals or feeder zones to this newly discovered mineralized VMS style system.

Gold mineralization was also intersected at depth during drilling where a sample of a quartz-barite vein with abundant pyrite and arsenopyrite in black shales returned an assay value of 0.30 g/t gold over 0.45 meter. This drill hole (JRS 01-02) was located some 2.4 kilometers from the area of the similar known surface gold showing, indicating that gold mineralization may be more extensive than recognized to date on the Property.

6) 2002 Exploration season conclusions and recommendations

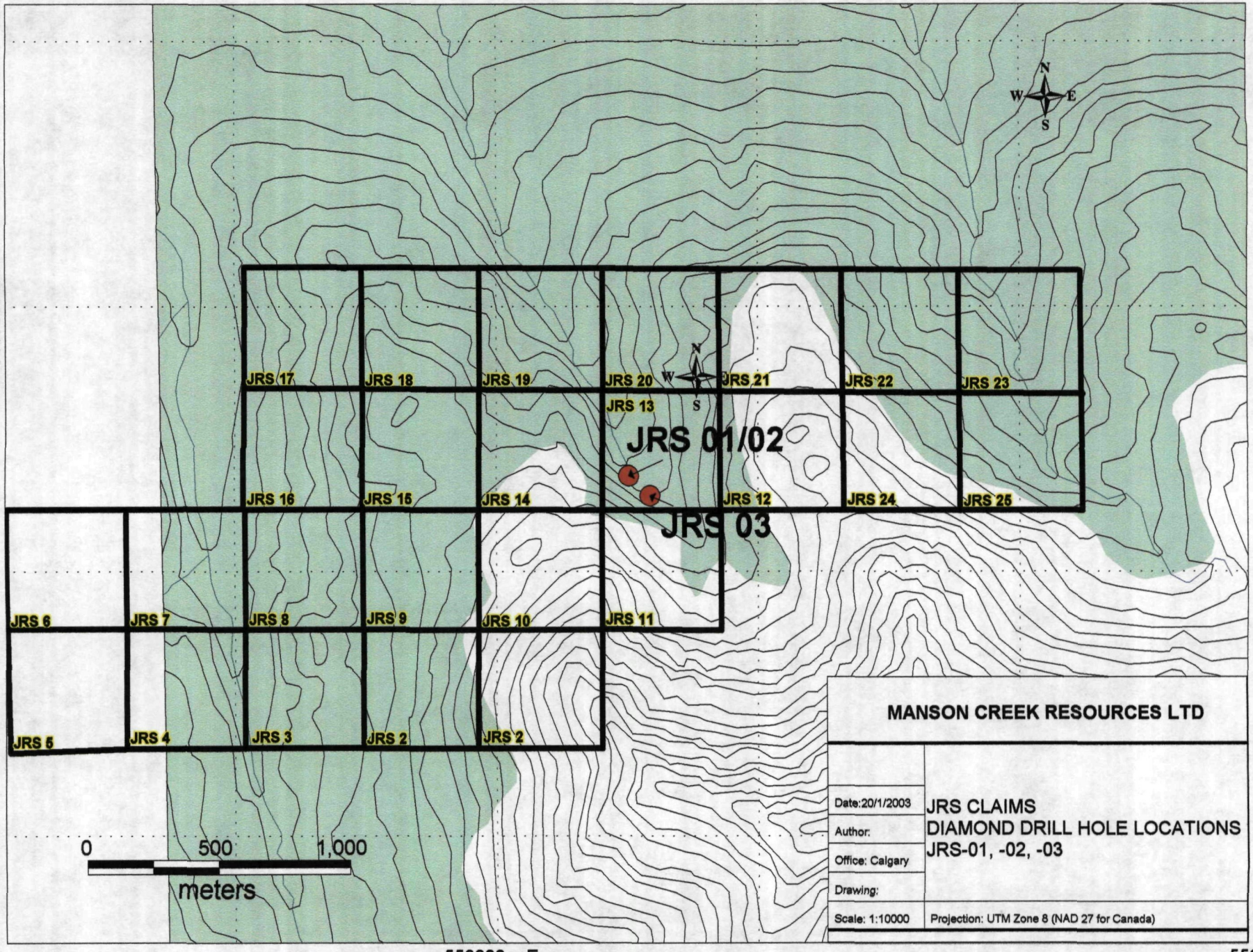
The 2002 drilling program was successful in confirming the presence of three styles of mineralization on the property. Zinc mineralization associated with black shales and argillites, VMS style pyrite dominated massive sulphide beds/lenses as well as quartz-barite-arsenopyrite auriferous veins.

All three styles of mineralization are at an early stage of exploration and occur largely, in the area of drilling, as blind targets. Work to be conducted to advance the targets should include a detailed soil geochemical survey over the drilled area as well as ground geophysics using techniques such as gravity. The existing airborne geophysical survey does not indicate that a particular magnetic or electromagnetic signature is associated with the mineralization intersected to date. Although there is little doubt that further mineralization may be intersected with continued drilling, attempts should be made to identify surface geochemical or geophysical vectors which would allow to target mineralization of potentially higher grade over larger intervals.

Although no comment can be made at this time regarding the potential extent of mineralization on the Property, it can be argued that all three mineralized systems have potential to represent sizeable targets with economic potential. Both the zinc and more copper/gold rich massive sulphide mineralization are believed to be a product of exhalative systems, systems which can produce significant deposits (Marg, Howard's Pass, Tom, Jason). The auriferous vein system found at surface and in drilling at JRS is similar to intrusion-related arsenopyrite-rich vein systems typical of the Cordillera, with deposits such as Alaska's Donlin Creek showing promising size and grade potential.

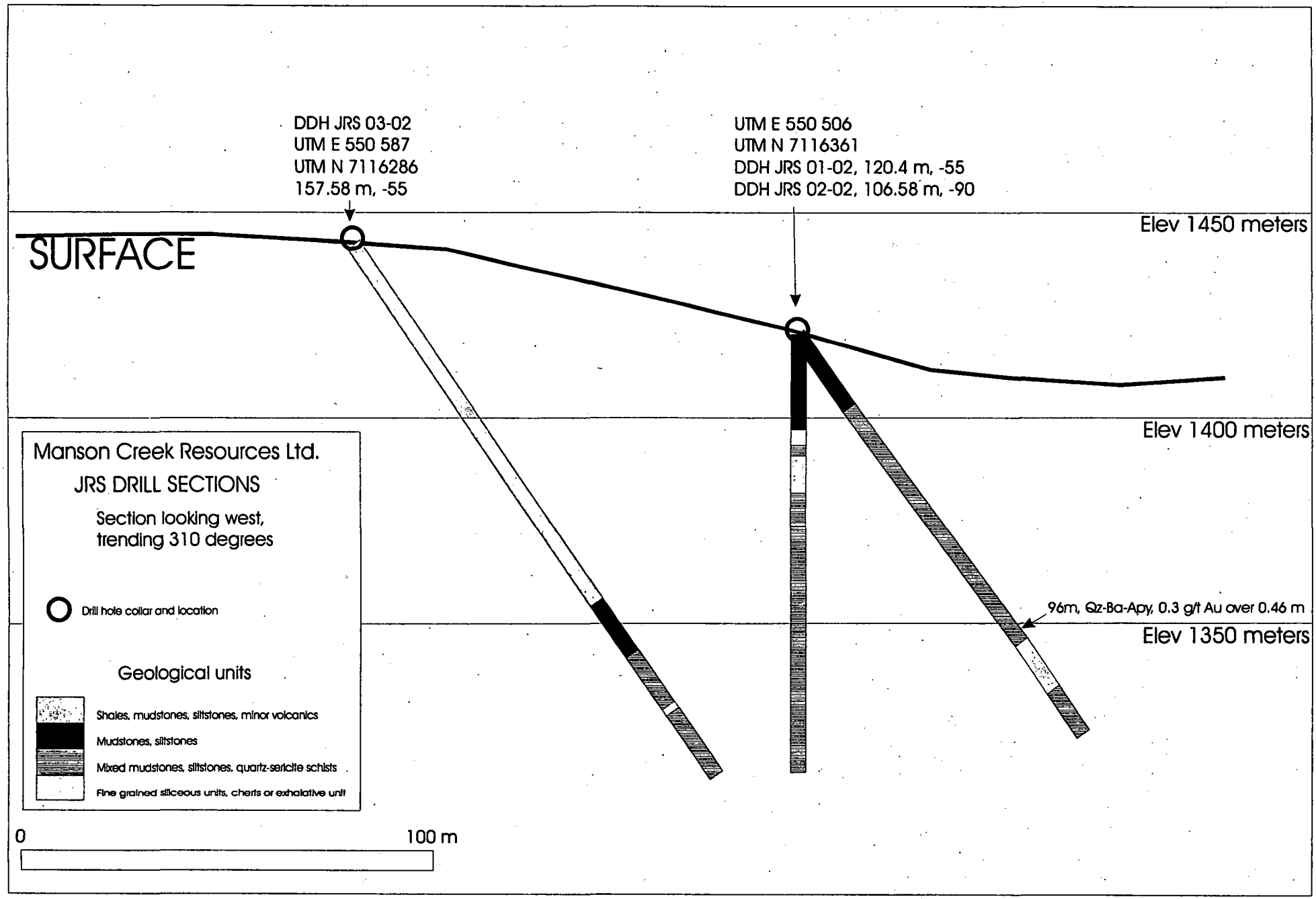
APPENDIX 1

Plan Map
Drill hole locations


7117000 mN
JRS 17
JRS 18
JRS 19
JRS 20
JRS 21
JRS 22
JRS 23
JRS 13
JRS 01/02
JRS 16
JRS 15
JRS 14
JRS 12
JRS 24
JRS 25
JRS 03
JRS 6
JRS 7
JRS 8
JRS 9
JRS 10
JRS 11
JRS 5
JRS 4
JRS 3
JRS 2
JRS 2
N
W
E
S
0
500
1,000
meters
550000 mE
55300
MANSON CREEK RESOURCES LTD
Date:20/1/2003
Author:
Office: Calgary
Drawing:
Scale: 1:10000
JRS CLAIMS
DIAMOND DRILL HOLE LOCATIONS
JRS-01, -02, -03
Projection: UTM Zone 8 (NAD 27 for Canada)

APPENDIX 2

Drill section
Drill Logs
Assay Summaries


DDH JRS 03-02
UTM E 550 587
UTM N 7116286
157.58 m, -55
UTM E 550 506
UTM N 7116361
DDH JRS 01-02, 120.4 m, -55
DDH JRS 02-02, 106.58 m, -90
SURFACE
Elev 1450 meters
Elev 1400 meters
Elev 1350 meters
96m, Qz-Ba-Apy, 0.3 g/t Au over 0.46 m
Manson Creek Resources Ltd.
JRS DRILL SECTIONS
Section looking west,
trending 310 degrees
Drill hole collar and location
Geological units
Shales, mudstones, siltstones, minor volcanics
Mudstones, siltstones
Mixed mudstones, siltstones, quartz-sericite schists
Fine grained siliceous units, cherts or exhalative unit
0
100 m

DIAMOND DRILL LOG

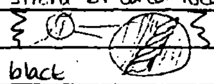
CLAIM NO:
PROJECT: JRS DDH # 1

Area JRS	Latitude UTM E	Bearing 310	Date Started / Hole No. JRS-02
Contractor Caron Drilling	Departure UTM N	Inclination @ collar -55°	Date Completed / Logged by JP
Core Size TW BQ	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m. / Sheet 1/5
		Inclination @ ____ m, ____	

	FROM (m)	TO (m)	RECOVERY INTERVAL (m)	GEOLOGICAL DESCRIPTION	Py % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So ANALYSES Au (oz/ton)	Si	Au (g/tonne)
Box 1	32	34	>80%	0-20' CASING, 20-32 <10% RECOVERY								
	34	38	>90%	→ weak to mod. Graphitic	2-8				40	15°	·	
	38	41	100%	30-62 ft dark gray siltstone w minor mudst intervals	2-8				44	~~~	25°	
	41	44	"	0-50'ft Limonite along small VNS + fracture planes. (oxidation depth?)	"				49	~~~	40°	
	44	46.7	"	39 ft 1cm So Py band 100% Py, fgr. margins gradational over	"				58	? TR	35°	
Box 2	46.7	49	"	3mm on each side, no apparent silica. Py band @ 15° TCA	"				64	? TR	30°	
	49	54		62-64 ft alt^n (vary from 20% to 80%) of siltstones. Silts become	"	391706	56.5	60.8	~~60~~			
	54	58		Light gray, coarser euhedral Py starts to develop (3-4% Py) and	"	391707	60.8	61	72.5	?	50°	
	58	61		Rx became softer to scratch. (clay alt^n ?) (Perhaps 1st stage to	4-8	391708	61	64.3				
	61	64		'Qz ser sh?).	"				~~60~~	40°	40° //	
	64	64.5		@ 61' → 5cm lens of So Py w/ minimal/marginal development	"							
Box 3	64.5	67		of extensional Qz-cc veinlets at margins.	4-10				90	55°	55°	
	67	72			4-10				92	~~~ TR	55° //	
	72	74		69-71.5 30-40% alt^n in siltstone +/- mudstone	"	391709	72.5	~~74~~ 75	97	TR	45°	
	74	78.5		71.5 → 77 - Qz ser sch	"				104	TR	40°	
	78.5	83		77-97.5 siltstone/mudstone, local weak alt^n (over +/-10% ser)	"	391710	82	85.3	110	TR	40°	
Box 4	83	87		97.5 → 123 → Dom (90%) Qz ser sch	"				119	TR	40°	
	87	90			"							
	90	92		72.5 → 74 Qz-carb-Py ~~DIKE~~ vein in Qz-ser sch w/ replacement of host	"							
	92	97		to massive F. gr Py along Vn margins over 3 to 5cm, locally	"							
	97	100		Rx is 100% Py. SAMPLE interval 72.5 → 75. TOTAL +/- 45% Py.	8-10							
Box 5	~~100~~ 102	~~102~~ 104		Although in Qz-ser-sch it is massive Py, NOT Si euhedral Py.	8-10							
	104	105		82-84 - loc up to 30% So Py, bands in mudst/siltst upto 3cm. diss.	8-10							
	105	110		98ft, Qz Py Vn to 3cm.	8-10							
	110	114										
	114	119	✓	97 → to 119 ft Qz Py Vn to 3mm, every foot or so.	8-10							

DIAMOND DRILL LOG

CLAIM NO:		PROJECT: JRS DDH #1	
Area	Latitude	Bearing	Date Started	Hole No. T-03-02
Contractor	Departure	Inclination @ collar	Date Completed	Logged by JP
Core Size	Elevation (m.A.S.L.)	Inclination @ m, / Inclination @ m,	Total Length m.	Sheet 2/5

Box	FROM (m)	TO (m)	RECOVERY INTERVAL (m)	GEOLOGICAL DESCRIPTION	PY % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So	S1	Au S2
Box [illegible]	119	124	100%	119 to 123 Dom(80%) Qz ser sch w mud/siltst intervals.	8-10				124	TR	50°	15° y
	124	128.5		123-128, mixed zone 70% mud/siltst, 30% Qz ser sch in thin (6 Py veins/So 1-2cm 124-127.3)	8-15				128	TR	30°	5° y
	128.5	131		alternating bands mm to cm scale. very strong S1 and local	4-6				132	[illegible]	30°	25° Y S1
	131	134		crenulation of S1 on mm scale evident 	4-6	391711	124	127.3	137	?	35°	
	134	137.5		128 → 192 predominantly (90%) dark grey to black	4-6	-						
Box 8	137.5 / 138	138 / 143		mudstones w fine to coarse siltstone intervals (10%)	4-6				143	?	50°	
	143	147		So band of siltstone @ 132 (PHOTO) and 168 → shows excellent TRANSPOSITION	〃				147	?	50°	
	147	152		relationship w/ S1 (PHOTO). Over 128-191, occasional bleached Qz	〃	391712	149.8	151.4				
	152	154		vnlets 1-3mm wide, along So (folded), S1 or S2.		391713	151.4	151.90	159	?	55°	
	154 / 156	156 / 159		133.5, small 4mm graded fine Py bed, transposed by S1 over 30cm (sk[illegible])		391714	151.90	154.5	164	?	45°	
Box 8	159	164		138.3 Bed massive Py, closing in core 10cm S1 Py. 138.6, 2cm Band Py in shale					168	PHOTO	45°	
	164	169		150.9 to 151 3 to 6cm band massive Py 95% w Qz forming extentional vns w/ graphite					174	?	30°	
	169	174		Fibres +/- cc (4%) and small black blebs up to 0.1mm in width, evenly distributed								
	174 / 174.5	174.5 / 177		through intersection (mud or Sp?). Py localy Prismatic (almost Acicular) in blebs but					177	TR	30°	
Box 9	177	180		overall massive, v.f.gr, brassy dark color. 151.4 to 151.90, 15cm					188	TR	55	
	180	183.5		interval, as described above. MASSIVE Py. upper contact 65° TCA, lower: 35° TCA					193	TR	45°	
	183.5	188		(PHOTO). black blebs up to 5% of total Py.					201	TR	50°	30°
	188	191		192 to 208.5 alternating, mixed mud/siltst, dark grey to black w					207	TR	45	15°
	191	193		moderately devellopd Qz ser. schist. Partial cut of Qz-Py vn @								
Box 10	193	199.5		182-183, Py band up to 5cm, Qz veining + brxx over 15cm @ 183.5								
	199.5	201		207.2, 3cm Band massive So Py w/ Qz Brxx. Sampled w								
	201	203.5		3.5cm on both sides (siltstone). Small Gn cubes seen in Qz portion								
	203.5	205		@ 45° TCA.		391715	207.0	207.4				
	205 / 206	206 / 207										
	207	208.5	↓		↓							

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS DDH 1

Area	Latitude	Bearing	Date Started / Hole No. T-03-02
Contractor	Departure	Inclination @ collar ____	Date Completed / Logged by JP 07-06/7
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m. / Sheet 3/5
		Inclination @ ____ m, ____	

	FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So Si ANALYSES S2 Au (oz/ton)		Au (g/tonne)
Box 11	208.5	209.5	100%	208.5 → 229 80% Qz vn sch, 10% mixed QSS/mudsilt/sand,	2-6							
	209.5	213.5		10% black mudstones (ex 227 to 228).	2-6				213	TR	65°	
	213.5	215		210-212 Qz vn +/- Hess So Py over 5cm, Rest is Bull white Qz. Some	2-6				220	TR	75°	10°
	215	220		"clasts" of QSS in Qz, Calc Deformed. ie: Possible remob Si. or Qz Floating,	2-6				224	45° Tex	85°	15°
	220	224		NOT "HYDROTHERMAL BRXX".	2-6				229	TR	50°	15°
	224	226		218 → 219 up to 20% Si. Py in QSS w/ silica shadows → Alt'd to clay?	2-6				234	TR	45°	20°
Box 12	226	229		T-03-02 → 223 PHOTO, Poss incomplete QSS alt'n of siltstones along So. + S_2 crenulation					241	50°?	50° //	-
	229	234		221-222 Bull White Qz Vn	6-10				249	TR	40°	
	234	237		229-247 80% mud/siltstones, 20% weak QSS.	6-12				259	TR	40°	15°
	237	242		MASSIVE Py blob 6cm x 5cm @ 232 & 240	6-12				264	TR	35°	
	242	244		BrXX + Qz Vning +/- minor Pods MS 241.5 → 243.5 (H-CC in Qz)	6-12				294	TR	45°	
Box 13	244	249		247-262 QSS. @256 Photo S_1/S_2	6-12	391716	260	261.5	279.5	TR.	30°	
	249	254		Py bands (Qz + Hs Py) @ 250, 252, 253.5, 256.5. up to 3cm.	6-10	391717	261.5	262 MS	289	TR	40°	
	254	259		261.5 → 262 MASSIVE Py in QSS, 85% Py euhedral to 2-3mm in clear Qz/silica	6-10	391718	262	265.3	293.5	TR	35-	
	259	262		matrix	6-10	391719	265.3	268.5	298.5	TR	45°	
Box 14	262	264		262 → 279 90% siltstone, 5% mudstone, 5% alt'n to QSS	6-10	391720	268.5	272				
	264	269		So + Qz blebs or bands 1-3cm @ 282.25, 265.5, 269.75, 273.5.	6-10	391721	272	272.5 MS				
	269	274		272 → 272.5 12cm band MASSIVE So Py. +/- 5-10% White Qz as matrix	6-10	391722	272.5	275.8				
	274	278.5		+ extentional veining.	6-10	391723	275.8	279.1				
	278.5	279.5	✓	MASSIVE So MS Py bands 5cm @ 279, 279.3.	6-10							
Box 15	280.1	288.5		~~280 →~~ 279.1 → QS 50%, MUD/Siltst 50% to 294	6-18							
	288.5	293.5		294 → 306 90% mud/siltst, 10% weak QSS alt'n in thin bands	6-10							
	293.5	298.5		small Qz vn @ 288.3. Pods MS+Qz (dissected as blebs to 1cm) @ 287, 289	4-8							
	298.5	299.5		band So Py 3cm (70% Py) @ 296.5 in Siltst.	4-8							

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JVS DDH # 1

Area	Latitude	Bearing	Date Started	Hole No. T-03-02
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP 07/07
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____ Inclination @ ____ m, ____	Total Length m.	Sheet 4/5

	FROM (m)	TO (m)	Recovery INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	So ANALYSES Au (oz/ton)	Si	Au (g/tonne)	
Box 16	299.5	300.5	100%	308-310 QSS, Dislocated So+Qz Py MS 309-310 TOTAL 10% core.	2-4								
	300.5	304		310-313.5 Grey siltstone, minor QSS alt^n	2-4				300.5	TR	35°		
	304	306		minor Qz veining 305-306	2-4				305	TR	55°		
	306	310		318.5 → 315 zone of Qz veining along strongly graphitic Si	2-4				310	TR	35°		
	310	314		1ft section of Vn 80% Ba + 15% Qz (white Bull) + 5% dissm. APy + Py &	6-10				317	TR	20°	crowbar NnC 10th TCA	+ Qc, Possible Sz closure
	314	317		APy + Py along veinlets on silst floating. APy massive to Dissmated. forming	2-4	391724	310.2	313.5	324.5	TR	40°		
Box 17	317	318		clots and acicular crystals up to 7.5mm long in fractures + in massive	8-10	391725	313.5	315	329	TR	40°		
	318 319	319 320		crystalline Ba.	8-10	391726	315	318.3	334	So in MS	35°		
	320 324	324 329		315-318 90% siltstone, 10% weak irregular QSS.	6-10				344		50°	photo	
	329 334	334 335		318 - 334.5 Stray QSS w small bands silt st/mud 1-5cm wide	6-10 1-3	391727	333.25	333.75	349	TR	50°		
Box 18	335 339	339 344		QSS 95%	1-3	391728	336.75	337.25	354	TR	45		
	344 349	349 354		band massive So Py +/- black mudstone, 10cm @ 333.25	1-3								
				Py cleat @ 331.25									
				334.3 major lithology change from mud siltst/ to aphanitic/									
				cryptocrystalline black to light gray siliceous unit FIELD TERMED: CHERT.									
				Possibly siliceous exhalative. Sample section @ 344'. Also subject to									
				cream colored alt^n forming QSS. CHERT section from 334.3 to 352. locally									
				thin <2mm bands So Py, usually w/ alt^n discoloration on EDGES OF BAND.									
				Locally blebs up to 2-3cm So Py, 2 massive Py bands @ 336.75 to									
				~~336~~ 337.25, 1 band 3cm, other 5cm. 50% of sample 391728 is MS w/ QSS									
				altered (weak to mod) chert.									
				345-347, Dark grey Ba rich bands, dislocated, up to 3cm thick									
				w/ minor recrystallization of barite into crystals (white) on edge									
				of bands. In QSS chert +/- minor mudstone.									
				352 → litho back to siltst +/- mud.									

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS DDH #1

Area	Latitude	Bearing	Date Started	Hole No. T-03-02
Contractor	Departure	Inclination @ collar ____	Date Completed	Logged by JP 07/07
Core Size TRUBQ	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 5/5
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	RECOVERED INTERVAL (m)	GEOLOGICAL DESCRIPTION	RQD % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES Au (oz/ton)		Au - (g/tonne)	
354	357	100%	354-369, siltstones, mudstones. Siltst have abundant 5° Py	6-10				357	TR?	35°	40° Ys,	
357	362		in blobs or small contorted boudins. NO Qz.	8-12				362	TR?	20°	30° Ys,	
362	364		369-373 strong QSS	8-10				368	TR?	50°	20° Y	
364	368		373 to 395 (EOH) → coarse siltstone, massive. Library sample 3*	8-10				372	TR?	70	35° Yf,	
368	372		@ 392'. This section more massive, bedding indistinct, Rx appears	6-8				379	38°?	35° Y		
372	374		as a flow(?), coarser fractions (white phenocrysts/clasts?) often angular,	6-8				384	35°?	indistinct		
374	379		Possibly Feldspars or silica after Cc in amygdales. Library sample to be	6-10				389	?	50°		
379	384		~~pol~~ polished + TSect.	6-10								
384	389		Qz Vns, white massive, Bull. up to 2" @ 385, 387.	6-10								
389	389.75		393 to 393, Heavy white Bull Qz Veining. No sulphides, some "clasts" of	6-10								
389.75	394		QSS w/ well preserved textures.	6-10								
394	395 EOH			6-10								

Box 19

Box 20

Box 21

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Hole Angle	Main Lithology	Mineralization	AssayReport	Au (g/t)
JRS 01-02 (T03-02)	17.22	18.53	1.31	391706	55	Siltst/Mudst + QSS	2-8% Py	A0220841	<0.01
JRS 01-02 (T03-02)	18.53	18.59	0.06	391707	55	Siltst/Mudst + QSS	80% Py Massive	A0220841	0.01
JRS 01-02 (T03-02)	18.59	19.60	1.01	391708	55	Siltst/Mudst + QSS	5-20% Py	A0220841	<0.01
JRS 01-02 (T03-02)	22.10	22.86	0.76	391709	55	QSS	45% Py	A0220841	0.02
JRS 01-02 (T03-02)	24.99	26.00	1.01	391710	55	Siltst/Mudst	4-10% Py , loc 30% So Bands	A0220841	0.11
JRS 01-02 (T03-02)	37.80	38.80	1.01	391711	55	Mudst/Siltst(70%) QSS (30%)	8-15% Py, 1-3 cm So Py vn/brx	A0220841	<0.01
JRS 01-02 (T03-02)	45.66	46.15	0.49	391712	55	Mudstone	4-6% Py, 5cm graded Py interval	A0220841	0.01
JRS 01-02 (T03-02)	46.15	46.30	0.15	391713	55	Massive Sulphide	MS- Pyrite So	A0220841	0.09
JRS 01-02 (T03-02)	46.30	47.09	0.79	391714	55	Mudstone	4-6% Py	A0220841	0.05
JRS 01-02 (T03-02)	63.09	63.22	0.12	391715	55	Siltst/Mudst	50% Py, 3 cm MS Py So	A0220841	0.05
JRS 01-02 (T03-02)	79.25	79.71	0.46	391716	55	QSS	6-10% Py	A0220841	0.01
JRS 01-02 (T03-02)	79.71	79.86	0.15	391717	55	Massive Sulphide	MS-Py S1	A0220841	0.1
JRS 01-02 (T03-02)	79.86	80.86	1.01	391718	55	Mudst/siltst	6-10% Py +/- 1-3 cm So Py vn/brx	A0220841	0.01
JRS 01-02 (T03-02)	80.86	81.84	0.98	391719	55	Mudst/siltst	6-10% Py +/- 1-3 cm So Py vn/brx	A0220841	0.02
JRS 01-02 (T03-02)	81.84	82.91	1.07	391720	55	Mudst/siltst	6-10% Py +/- 1-3 cm So Py vn/brx	A0220841	0.06
JRS 01-02 (T03-02)	82.91	83.06	0.15	391721	55	Massive Sulphide	MS- Pyrite So	A0220841	0.06
JRS 01-02 (T03-02)	83.06	84.06	1.01	391722	55	Mudst/siltst	6-10% Py +/- 1-3 cm So Py vn/brx	A0220841	0.01
JRS 01-02 (T03-02)	84.06	85.07	1.01	391723	55	Mudst/siltst	6-10% Py +/- 1-3 cm So Py vn/brx	A0220841	0.02
JRS 01-02 (T03-02)	94.55	95.55	1.01	391724	55	Siltst	6-10% Py	A0220841	0.01
JRS 01-02 (T03-02)	95.55	96.01	0.46	391725	55	Siltst + Qz-Ba Veining	10-15% Py + Apy, Barite, Qz	A0220841	0.3
JRS 01-02 (T03-02)	96.01	97.02	1.01	391726	55	Siltst	6-10% Py	A0220841	0.02
JRS 01-02 (T03-02)	101.57	101.73	0.15	391727	55	Chert +/- QSS + MS	MS-Py So	A0220841	0.02
JRS 01-02 (T03-02)	102.64	102.79	0.15	391728	55	Chert +/- QSS + MS	50% MS- Py, So	A0220841	0.04

Hole location
550506E
7116286N

Azimut: 310
Angle: -55
Total Depth:120.4m

Length (m)	sample number	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)
1.31	391706	1.4	0.3	38	<10	70	<0.5	<2	2.57	3	10	37	90	1.81	<10
0.06	391707	4.8	0.13	100	<10	20	<0.5	<2	3.43	4.5	9	35	140	>15.00	<10
1.01	391708	0.8	0.36	22	<10	80	<0.5	2	2.74	1.5	12	29	87	2.05	<10
0.76	391709	1	0.26	50	<10	30	<0.5	<2	10.8	1.5	6	25	94	8.69	<10
1.01	391710	1	0.38	30	<10	30	<0.5	<2	0.37	<0.5	10	49	67	4.3	<10
1.01	391711	1.2	0.38	74	<10	60	0.5	<2	3.07	1.5	13	30	78	3.31	<10
0.49	391712	2.4	0.33	128	<10	30	<0.5	<2	0.54	11	8	67	176	4.96	<10
0.15	391713	4.8	0.17	342	<10	<10	<0.5	<2	0.56	4.5	3	80	385	>15.00	<10
0.79	391714	1.8	0.33	90	<10	100	<0.5	<2	0.66	11.5	8	51	121	1.56	<10
0.12	391715	3.6	0.31	136	<10	10	<0.5	<2	1	8.5	9	66	247	10.35	<10
0.46	391716	0.6	0.35	68	<10	140	<0.5	<2	0.11	<0.5	19	21	99	1.5	<10
0.15	391717	1.8	0.17	102	<10	<10	<0.5	<2	0.09	2	7	57	175	>15.00	<10
1.01	391718	0.8	0.33	74	<10	80	0.5	<2	1.3	<0.5	15	19	122	2.85	<10
0.98	391719	0.6	0.36	68	<10	50	0.5	<2	0.19	<0.5	16	29	84	3.17	<10
1.07	391720	0.8	0.36	102	<10	30	0.5	<2	0.41	0.5	16	23	105	4.81	<10
0.15	391721	1.8	0.21	126	<10	10	<0.5	<2	1.86	4.5	9	56	207	>15.00	<10
1.01	391722	0.6	0.34	76	<10	100	0.5	2	3.85	<0.5	15	17	70	2.88	<10
1.01	391723	0.6	0.28	84	<10	50	<0.5	<2	2.8	0.5	11	35	74	5.11	<10
1.01	391724	1.4	0.34	72	<10	110	0.5	<2	3.1	1.5	13	21	69	2.96	<10
0.46	391725	4.8	0.14	>10000	<10	80	<0.5	<2	2.82	4	7	49	25	>15.00	<10
1.01	391726	2.2	0.29	130	<10	60	<0.5	2	4.48	0.5	18	41	64	4.83	<10
0.15	391727	4.6	0.37	108	<10	30	0.5	<2	0.38	<0.5	19	34	116	5.67	<10
0.15	391728	4.2	0.37	110	<10	40	0.5	<2	0.44	<0.5	20	28	127	4.59	<10

Hole location
550506E
7116286N

Azimut: 310
Angle: -55
Total Depth:120.4m

Length (m)	sample number	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)
1.31	391706	1	0.16	<10	1.39	605	6	<0.01	109	260	8	2.1	2	4	89
0.06	391707	<1	0.05	<10	1.46	620	4	0.01	102	70	52	>10.00	8	1	135
1.01	391708	<1	0.19	<10	1.09	550	2	<0.01	57	280	6	2.43	<2	3	115
0.76	391709	1	0.12	<10	5.15	2370	4	0.01	19	110	20	>10.00	<2	5	582
1.01	391710	<1	0.2	<10	0.05	45	1	<0.01	32	1370	10	4.77	<2	<1	29
1.01	391711	<1	0.2	<10	1.43	830	17	<0.01	70	1390	30	3.77	2	3	204
0.49	391712	2	0.17	<10	0.26	70	45	<0.01	115	1170	24	5.56	28	1	137
0.15	391713	<1	0.08	<10	0.24	60	11	0.01	62	880	100	>10.00	108	<1	111
0.79	391714	2	0.17	<10	0.19	55	37	<0.01	116	1750	12	1.81	18	1	188
0.12	391715	<1	0.19	<10	0.52	140	4	<0.01	66	170	154	>10.00	26	1	59
0.46	391716	<1	0.24	<10	0.14	25	1	<0.01	51	250	12	1.43	6	1	21
0.15	391717	<1	0.12	<10	0.11	30	4	0.01	60	30	68	>10.00	4	<1	9
1.01	391718	<1	0.23	<10	0.71	215	3	<0.01	72	140	18	2.76	6	7	73
0.98	391719	<1	0.24	<10	0.1	30	2	<0.01	82	460	24	3.41	8	1	43
1.07	391720	<1	0.24	<10	0.23	90	4	<0.01	105	150	34	5.13	8	1	27
0.15	391721	1	0.13	<10	0.85	285	5	0.01	72	80	92	>10.00	16	1	108
1.01	391722	<1	0.24	<10	1.84	600	5	0.01	79	270	18	2.37	<2	9	221
1.01	391723	<1	0.2	<10	1.29	580	3	0.01	79	40	24	5.05	10	5	130
1.01	391724	<1	0.24	<10	1.5	630	1	<0.01	51	440	36	2.33	32	6	209
0.46	391725	<1	0.09	<10	3.02	<5	5	<0.01	48	260	2640	2.21	204	1	134
1.01	391726	<1	0.21	<10	2.02	1820	7	<0.01	54	320	1745	4.37	22	7	277
0.15	391727	<1	0.24	<10	0.13	130	7	<0.01	61	1450	42	5.99	36	1	149
0.15	391728	<1	0.24	<10	0.12	110	6	<0.01	76	1510	40	4.98	38	1	165

Hole location
550506E
7116286N

Azimut: 310
Angle: -55
Total Depth:120.4m

Length (m)	sample number	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
1.31	391706	<0.01	<10	<10	16	<10	462
0.06	391707	<0.01	<10	10	7	<10	144
1.01	391708	<0.01	<10	<10	10	<10	306
0.76	391709	<0.01	<10	<10	11	<10	30
1.01	391710	<0.01	<10	<10	9	<10	76
1.01	391711	<0.01	<10	<10	20	<10	206
0.49	391712	<0.01	<10	10	135	<10	1050
0.15	391713	<0.01	<10	10	72	<10	112
0.79	391714	<0.01	<10	<10	107	<10	1130
0.12	391715	<0.01	<10	<10	10	<10	1360
0.46	391716	<0.01	<10	<10	8	<10	64
0.15	391717	<0.01	<10	<10	2	<10	64
1.01	391718	<0.01	<10	<10	12	<10	126
0.98	391719	<0.01	<10	<10	8	<10	136
1.07	391720	<0.01	<10	<10	9	<10	200
0.15	391721	<0.01	<10	10	4	<10	202
1.01	391722	<0.01	<10	<10	22	<10	96
1.01	391723	<0.01	<10	<10	12	<10	122
1.01	391724	<0.01	<10	<10	10	<10	174
0.46	391725	<0.01	<10	100	9	<10	684
1.01	391726	<0.01	<10	<10	15	<10	144
0.15	391727	<0.01	<10	<10	12	<10	64
0.15	391728	<0.01	<10	<10	18	<10	118

Hole location
550506E
7116286N

Azimut: 310
Angle: -55
Total Depth:120.4m

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS DDH # 2

Area JRS	Latitude UTM E	Bearing ~~000~~ 0°	Date Started / Hole No. JSR 04-02
Contractor Cyprus Drilling	Departure UTM N	Inclination @ collar 90°	Date Completed / Logged by JP 07/09
Core Size TRU BQ	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 349ft m. / Sheet 1/5
		Inclination @ ____ m, ____	

Blocks FROM (m)	TO (m)	Recovery INTERVAL (m)	GEOLOGICAL DESCRIPTION	PY % REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So ANALYSES Au (oz/ton)	So ANALYSES S1	Au (g/tonne)
			Hole was Drilled @ 90° (VERTICAL) on same site as T-03-02 or JRS #1					40		35°	
			to establish JRS section and provide info on bedding (So)					43	20°	20° //	
			Directions.					53.5	25°	25° //	
			CASING - 0 - 20ft					58.5	25°	25° //	
BOX 1 ●0-8 31	31 32.	≯<10%	20 → 38.5, broken rubble, strongly weathered + oxidized	?				62	20°	20° //	
32 34	34 35	<30%	38.5 → 40 50% Qz Vns + Vnlets in Graphitic Shales. minor cc in Qz /	?				68	20°	20° //	
35 36.5	36.5 38.5	<30%	Qz generally white, opaque (Bull). Along S1 .. minor RED + Yellow Rusty alt'n	?				76	20 ?	20	
38.5 40	40 40.5	>85%	SECTION TO 40 moderately GRAPHITIC	6-8	391729	44.5	47.5	81	~~TR~~ TR	20°	
40.5	44.5	>95%	40-45, mudst/siltst @ 42.5, section shows mud/siltst contact with	8-10				87	18 ?	18° //	
44.5	48.5	100%	graded bedding in Siltst (Erodational top, sharp bottom contact) showing	8-10				91	TR	20°	
BOX 2 48.5	50	"	UPRIGHT SECTION w So @ 20° // S1 (5cm siltst bound).	8-10	391730	76	79.3	95	25 ?	25° // ?	
50	51		45 to 48, moderately brxx section of mudstone w/ siltst clasts,	8-10	391731	79.3	80				
51	53.5		local Qz blebs + Pods. Abdt (8-15%) f gr sulphides throughout, Py	8-10	391732	80	83.3				
53.5	58.5		dominated w/ yellowish acicular Py(?) crystals 1-2mm in length.	8-10	391733	83.3	86.6				
58.5	61		45 to 75.5 dark grey to black siltst/mudst (50/50), minor silicification.	6-10	391734	86.6	88.5				
61	63.5		Semi massive So Py band in mudst @ 58.4 over 1.5 cm.	8-10	391735	88.5	89				
BOX 3 63.5	68.5		75.5 Facies change to CHERT. black to cream colored (alt'd).	8-10							
68.5	73.5		to 87.5. Very fractured w/ discoloring/alt'n along fracture planes	10-14							
73.5	76		87.5 → 96 mudst/silt 80%, chert 20%	8-10							
76	80		96, "grading" back into cherts.	8-15							
80	81		MINERALIZATION: 61-62.5, So bands MASSIVE GREY f.gr. UP TO 4cm SHOWING	8-15							
81	85		BRXX + Qz FILLING (PHOTO). 75.5 to 87.5 (CHERTS) 6-10% DISS Py + So bands 1-2mm	8-15							
85	87		CAMMEN (STRETCHED // S1.) THROUGH SECTION. THICKER So BANDS @ 77 (4cm)	8-15							
87	91		80 (10cm - PHOTO), 82 (2cm), 82.3 (4cm) and 88-89 (10cm - PHOTO)	6-12							
91 BOX	95	V	Py Blebs to 1cm (5%) in Siltst + 6-8% diss Py. 2cm bound So Py (80%) @ 94.	8-12							

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS DDH #2

Area	Latitude	Bearing	Date Started / Hole No. JSR 01-02
Contractor	Departure	Inclination @ collar ____	Date Completed / Logged by JP 07/09
Core Size	Elevation (m.A.S.L.)	Inclination @ ____ m, ____	Total Length m. / Sheet 2/5
		Inclination @ ____ m, ____	

Box	Blocks FROM (m)	TO (m)	% REC. INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So ANALYSES Au (oz/ton)	S_1	Au (g/tonne)
Box 5	95	100	100	95 to 126 black to grey(cream)/altd) CHERT w/ minor bands (up to 1cm)	2-8	391736	95.	97.4 MS	100	1/2	25°	
	100	105		siltstone. Bedding visible through local alt^n of bands outlining strong	10-12	391737	97.4	100.7	110	50°	30°	
	105	110		local folding (open to tight isoclinal) with S_1 // Fold axis	"	391738	100.7	101 MS	115	1/2	30°	
	110	115		dark brown 1-2mm crystalline minerals in intense luster	"	391739	101	105 MS	120.5	TR	40°	
	115 115.25	115.25 120.5		11 bands of So mineralization MS over interval, from 2cm to 12cm.	10-12	391740	105	108.3	125	1/2	30°	
Box 6	120.5	125		Py dominated (90%) within chert/silicified matrix. Some 'primary' banding	8-15	391741	108.3	109.3	130	1/2	35°	
	125	130		Py usually yellowish-brown, vfgr in bands or blebs w/ brighter yellow	"	391742	109.3	110.3 MS	135	?	20°	
	130	134		bands/blebs throughout (less alt^n? or cpy?). Locally possible SPs in zones of alt^n white clay	"	391743	110.3	113.6	140	TR	25°	
	134	135		Sulphide intervals @ 96'-3cm, 103.5-2.5cm, 104-12cm (SAWED, BROKEN PHOTO)	"	391744	113.6	116	145	TR	25°	$Y^{S_2}_{S_1}$
Box 7	135	140		109.8-5cm, 109.75 = 8cm (Gradational upper contact SHARP LOWER CONTACT), 111.5-1 to 3cm boudinaged Qz	"	391745	116	117.5 MS	150	TR	30°	
	140	145		116-11cm, 116.5-18cm, 121-10cm, 122, 3 tight bands over 4cm, 124-	8-12	391746	117.5	120.8	155	TR	30°	
	145	150		Pasting core over 4cm (blebs), 123 MS Py+Qz over 3cm, 124 = band 5cm,	8-15	391747	120.8	121.8 MS	163	TR	20°	
	150	151.5		126.8-band 4cm. 130-132, blebs + bands + laminated Py sections. crucial!	8-12	391748	121.8	125.1 MS	168.5	TR	15°	
Box 8	151.5	155	v	some 15% total sulphide content.	8-15	391749	125.1	128.4				
	155	158	>75%	126-130 mixed rhyolite/chert/siltst, minor brxx + transposition along S_1	6-10	391750	128.4	131.7				
	158	163	100	130-137.5, black mudstone w bands/laminae Py 1-2mm, 5mm spacing w/ minor	8-15	391001	131.7	135				
	163	165		bands to 2cm moderate QSS development	8-12	391002	147	149				
	165	168.5	↓	137.5-150 moderate to strong QSS. Py S_1 up to 4mm 6-10% w/ shadows. Massive Yellowish	6-10	391003	149	152.3 MS				
				So Py band over 13cm + blebs/beddings up to 4cm, rotated into S_1		391004	152.3	156.6				
				150-153, CHERT +/- alt^n. Bed So MS 95% Py folded across axis of core		391005	156.6	159.9				
				Sheeted Plexus (PHOTO) @ 151.75		391006	159.9	162.				
				153 → 164 stacked (S_1) sequence of mudst/siltst w multiple thin		391007	162	165.3				
				(0.5 to 1cm x 20) stringers of Qz + MS Py. 161.5 → 162 2 intervals So MS 4cm & 5cm								
				164-165.5 siltst/mud w UP TO 20% total thin (0.25 to 5mm) So fgr Py								
				dom S_1. minor Qz veining 167-168.5. minor QSS actn 165-165.5.								

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS DDH #2

Area	Latitude	Bearing 0°	Date Started	Hole No. JSR 04-03
Contractor	Departure	Inclination @ collar -90°	Date Completed	Logged by JP 07/04
Core Size	Elevation (m.A.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 3/5
		Inclination @ ____ m, ____		

Box	Blocks FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	RQD % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES: So Ant. (or Tron)	ANALYSES: S_1	ANALYSES: Au (g/tonne)	
	168.5	170.5	100%	168.5 to 187, Predominantly black fine gr. mudstone (80%) w/	2-4				174.5	?	15°		
	170.5	174.5		fine to med gr. Light gray siltst. in sections up to 10cm. Minor	2-4				183	?	20°		
Box 9	174.5	176		transposition. Minor Py bands (So MS) @ 180.25 - 5cm (1/2 core width)	"				188	?	15°		
	176	178		183 - 3cm. Minor Si Qz veinlets throughout interval.	"				193.5	?	15°		
	178	183		187 - 209.5 50% black mudstone, 50% variably altered QSS, protolith	2-6				199	?	10°	S_2 ?	
	183	185		obscured (siltst? chert?). Weak to strong transposition (obscures So).	2-4				203.5	5?	15°		
	185	185.75		So type Semi MS to MS @ 188.5 - 4 to 7cm, 193.5 So MS Vn + Qz boudinaged	1	391008	207.0	208.5	209.5	?	15°	Spaced fracture	Average Grade
	185.75	188		2cm, 20U+ SM MS 160% - 7cm, 208 - 12cm.	"	391009	214	216.5	214	?	15°	@ ~15°	
Box 10	188	193		209.5 - 214.0, moderately altd chert. Very fractured +/- qtz clouding.	6-12	391010	220.5	222	222	25°	35°V	from 230	to 240
	193	195		214 - 216.5, Mudstone + QSS, 35% of core = MS, fgr Py dom w/ rounded blebs, mm	6-10	391011	237.5	238.8	230	?	15°		
	195	199		to cm in size brighter yellow vfgr (Cpy?) w/ Qzt-cc infilling between	"				237	35 ?	35°		
	199	203.5		dismembered MS blocks (PHOTO), along Si or at 15° TCA.	"								
	203.5	204		Similar veins, up to 5cm, 220.5 to 222 (50% of interval = Vns)	8-15								
	204	207.5		OTHER VNS @ 223-224, 225.5, 233, 234, 237.5 to 238.8 (4 closely	6-10								
Box 11	207.5	209.5		spaced veins, 1 to 2cm, 10° TCA, 15% of CORE TOTAL QZ+MS)	10-20								
	209.5	214		216.5 → 240 mudstone bands up to 15cm. black vfgr, in variably	8-15								
	214	216.5		altered QSS with obscured protolith.	20-35								
	216.5	218			15-20								
	218	221.5			15-20								
	221.5	222			8-15								
Box 12	222 / 225	225 / 230			8-15								
	230	235			8-15								
	235	240	✓		8-15								

DIAMOND DRILL LOG

Area	Latitude	Bearing	CLAIM NO:
			PROJECT: JRS DDH 2
Contractor	Departure	Inclination @ collar ______	Date Started
		Inclination @ ______ m, ______	Date Completed
Core Size	Elevation (m.A.S.L.)	Inclination @ ______ m, ______	Total Length 349.5 m.
			Hole No. JRS 04-03
			Logged by JP 07/08
			Sheet 4/5

	FROM (m)	TO (m)	% recovery INTERVAL (m)	GEOLOGICAL DESCRIPTION	Py % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	S_0 Au (oz/ton)	S_1	Au (g/tonne) ANALYSES	
Box 13	240	245	100	240 to 349.5 moderate to strong QSS w/ total +/- 10% mudstone	6-10				240	?	10°	Fract 65°	
	245	250		(black, vfgr) intervals from 4 to 15cm total (each band). Protolith	6-10				245	?	20°		
	250	255		indistinguishable in QSS (siltstones? cherts? basalts?). Py common in QSS	"				255	20° ? TR	20° // S_1 ?	65° fract	
	255	258		6-10%, well formed euhedral Py crystals to 1mm. "[illegible]" in Si foliation	"				265	TR	25°	65° Fr.	
Box 14	258	261.5		+common Qz filled pressure shadows. Most primary features lost to [illegible]	"				270	TR ?	30°		
	261.5	265		S_1. Mineralization: Qz-Py S_0 boudinaged veins @ 244, 245.5	"				275	TR	30°		
	265	270		246.5 (5-10cm section), 250,	"	391012	276.5	277.5	280	TR	45°	15°	
	270	275		255, 5cm section DISS to semi massive in MUDST +/- weak QSS	"	391013	286.75	287.25	285	TR	25°		
	275	276		265 & 266, 10cm sections DISS Py to SM Py in strong QSS. 10-20% vfgr Py	"	391014	296	297.5	286.75	S_0 BAND MS 35°	35° // ?		
Box 15	276	280		20-30% coarser recrystallized euhedral Py.	"	391015	305.75	307.75	295		30°		
	280	285			"				300		30°		
	285	290		276.5 to 277.5 10cm massive (85%) grading out to 10cm of semi mass to	8-15				310		16°		
	290	295		Disseminated Py in QSS. total 20cm.	"				315	15°	15° ?		
Box 16	295	300		286.75 to 287.25 Massive Py (S_0), minor extentional Qz +/- cc veining. Py	30%				320		10°		
	300	305		is F.gr to vf.gr brownish mass w/ lighter (yellowish) bands. Possible Fgr Gn	8-12				324		16°		
	305	310	↓	in Qz (small silvery cubes w metall. luster). Gradational contact up, sharp lower	60%				327		18°		
	310	313	>95%	contact.	6-10								
Box 17	313	315	100%	296.25 - 25cm band. of semi to massive Py characterized by large	6-10								
	315	320		(2-4 mm) Py crystals w/ "Hacked" aggregates in translucent Si matrix. Py 75-85%	6-10								
	320	324		Some F.Gr Py bands in background (+/-10% of tot). Appears massive band of	10-15								
	324	327		"S_1" Py in QSS schists. Some broken Py crystals show "orange" discoloring.	6-10								
	327	331	↓	305.75 → 18cm massive Py as above → 5cm QSS → 32cm massive Py ↑ → QSS	6-10								

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS, Hole # 2

Area	Latitude	Bearing 180	Date Started	Hole No. JSR 04-02
Contractor	Departure	Inclination @ collar -90°	Date Completed	Logged by JP/67/09
Core Size	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length m.	Sheet 5/5
		Inclination @ ____ m, ____		

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)		Au (g/tonne)	
331	332			6-8				332	?	30°		
332	335			6-8				335	TR?	20°		
335	340		340-341 Dislocated Pv band into series of Boudinaged Qz 1-3cm.	10-15				340	TR?	30°		
340	345		minor @ Folded Qz Vn 0.5 to 0.8cm 348 - 349.5	6-8				345	TR?	25°		
345	349.5			6-8				349.5	TR?	25°	Qz Vn + FRACTURATION @ 50°	
	EOH											
			EOH NOTES: MUDSTONES/siltstones may be Basaltic Flows and tuffs. "CHERTS" May be siliceous exhalatives									
			OBSERVATIONS: ALTHOUGH TRANSPOSITION IS common and obliterates many primary So features, mudstones (black) were remarkably massive & hard and usually internally lacked any bedding features whatsoever. The mudstone' sections may in fact be 'basaltic' PASSIVE Flows w/more tuffaceous bands. Tuffaceous bands (siltstones') may have been favorably replaced to QSS due to higher porosity. Identification of correct facies may lie in thin section work which will help determining if the Groundmass of these units is predominantly crystalline or detrital. A more mafic protolith may explain the "QSS" clay hydrothermal alteration prevalent throughout THE SECTION as a primarily retrograde alt° liberating Fe to form Py S_1.									

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Main Lithology	Mineralization	AssayReport	Au (g/t)
JRS 02-02 (JSR04-02)	13.56	14.57	1.01	391729	Mudst/Siltst/Brxx	8-15% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	23.16	24.17	1.01	391730	Chert	8-15% Py, 4 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	24.17	24.38	0.21	391731	Chert	8-15% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	24.38	25.39	1.01	391732	Chert	8-15% Py, 10, 3 and 4 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	25.39	26.40	1.01	391733	Chert	8-15% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	26.40	26.97	0.58	391734	Chert	8-15% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	26.97	27.13	0.15	391735	Mudst/Siltst/Chert	8-12% Py, 10 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	28.96	29.69	0.73	391736	Chert	2-8% Py, 3 cm MS Py So	A0220841	0.01
JRS 02-02 (JSR04-02)	29.69	30.69	1.01	391737	Chert	2-8% Py	A0220841	0.01
JRS 02-02 (JSR04-02)	30.69	31.70	1.01	391738	Chert	10-12% Py, 2.5 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	31.70	32.00	0.30	391739	Chert	8-15% Py, 12 cm MS Py So	A0220841	0.01
JRS 02-02 (JSR04-02)	32.00	33.01	1.01	391740	Chert	10-12% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	33.01	33.31	0.30	391741	Chert	10-12% Py	A0220841	0.01
JRS 02-02 (JSR04-02)	33.31	33.62	0.30	391742	Chert	10-12% Py, 5 cm MS Py So	A0220841	0.01
JRS 02-02 (JSR04-02)	33.62	34.63	1.01	391743	Chert	10-12% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	34.63	35.36	0.73	391744	Chert	10-12% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	35.36	35.81	0.46	391745	Chert	10-12% Py, 18 and 11 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	35.81	36.82	1.01	391746	Chert	10-12% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	36.82	37.12	0.30	391747	Chert	10-12% Py, 10 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	37.12	38.13	1.01	391748	Chert	10-12% Py, 4, 3 and 5 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	38.13	39.14	1.01	391749	Chert	10-12% Py, 4 cm MS Py So	A0220841	<0.01
JRS 02-02 (JSR04-02)	39.14	40.14	1.01	391750	Mudst/Siltst/Chert	8-15% Py	A0220841	<0.01
JRS 02-02 (JSR04-02)	40.14	41.15	1.01	391001	Mudst/Siltst/Chert	8-15% Py	A0220836	<0.01
JRS 02-02 (JSR04-02)	44.81	45.42	0.61	391002	QSS moderate	8-15% Py	A0220836	<0.01
JRS 02-02 (JSR04-02)	45.42	46.42	1.01	391003	Chert	8-12% Py, 15 cm MS Py So	A0220836	0.05
JRS 02-02 (JSR04-02)	46.42	47.73	1.31	391004	Mudst/Siltst	8-15% Py	A0220836	<0.01
JRS 02-02 (JSR04-02)	47.73	48.74	1.01	391005	Mudst/Siltst	6-10% Py	A0220836	<0.01
JRS 02-02 (JSR04-02)	48.74	49.38	0.64	391006	Mudst/Siltst	8-15% Py, 4 and 5 cm MS Py So	A0220836	0.01
JRS 02-02 (JSR04-02)	49.38	50.38	1.01	391007	Mudst/Siltst	8-12% Py	A0220836	<0.01
JRS 02-02 (JSR04-02)	63.09	63.55	0.46	391008	Mudst/QSS	10-20% Py, 12 cm MS Py So	A0220836	0.03
JRS 02-02 (JSR04-02)	65.23	65.99	0.76	391009	Mudst/QSS	20-35% Py, 1-3 cm MS Py So/Brxx (35%)	A0220836	0.05
JRS 02-02 (JSR04-02)	67.21	67.67	0.46	391010	Mudst/QSS	20-35% Py, 1-3 cm MS Py So/Brxx (50%)	A0220836	0.01
JRS 02-02 (JSR04-02)	72.39	72.79	0.40	391011	Mudst/QSS	8-15% Py, 1-3 cm MS Py So/Brxx (15%)	A0220836	0.01
JRS 02-02 (JSR04-02)	84.28	84.58	0.30	391012	QSS	6-10% Py, 15 cm MS Py So	A0220836	0.03
JRS 02-02 (JSR04-02)	87.40	87.55	0.15	391013	QSS	MS Py So	A0220836	0.2
JRS 02-02 (JSR04-02)	90.22	90.68	0.46	391014	QSS	30% Py, 25 cm MS Py S1	A0220836	0.06
JRS 02-02 (JSR04-02)	93.19	93.80	0.61	391015	QSS	60% Py, 50 cm MS Py S1	A0220836	0.07

Hole location
550506E
7116286N

AZIMUT: 0
DIP: -90
Total Depth:106.53 m

Length (m)	sample number	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)
1.01	391729	3.4	0.26	38	<10	90	<0.5	<2	1.35	1	10	71	65
1.01	391730	0.6	0.34	20	<10	40	<0.5	<2	0.36	<0.5	11	32	65
0.21	391731	1	0.3	28	<10	10	<0.5	<2	0.23	<0.5	15	43	79
1.01	391732	0.4	0.37	12	<10	60	<0.5	<2	0.16	<0.5	9	31	52
1.01	391733	0.6	0.31	22	<10	70	<0.5	<2	0.53	<0.5	12	39	61
0.58	391734	1	0.32	28	<10	30	<0.5	<2	0.26	<0.5	12	38	64
0.15	391735	1.6	0.39	48	<10	20	<0.5	<2	0.21	<0.5	16	44	103
0.73	391736	2.4	0.43	96	<10	30	0.5	<2	0.57	0.5	21	32	86
1.01	391737	1.8	0.45	54	<10	30	0.5	<2	0.78	<0.5	14	35	82
1.01	391738	1.6	0.53	68	<10	50	0.5	<2	1.21	1	15	37	88
0.30	391739	2.8	0.47	84	<10	20	<0.5	<2	0.91	0.5	10	55	143
1.01	391740	1.4	0.46	52	<10	50	0.5	<2	0.7	<0.5	16	34	85
0.30	391741	2.4	0.49	142	<10	30	<0.5	6	1.27	<0.5	51	43	122
0.30	391742	4	0.54	192	<10	20	<0.5	<2	1.15	<0.5	43	57	177
1.01	391743	1.2	0.52	94	<10	50	<0.5	<2	1.07	<0.5	42	28	112
0.73	391744	0.6	0.51	52	<10	70	0.5	<2	0.69	<0.5	34	29	95
0.46	391745	1.4	0.4	70	<10	10	<0.5	<2	0.55	<0.5	29	38	125
1.01	391746	0.2	0.42	22	<10	50	<0.5	<2	0.38	<0.5	22	26	79
0.30	391747	0.8	0.28	58	<10	10	<0.5	8	3.68	0.5	8	46	112
1.01	391748	0.6	0.28	40	<10	30	<0.5	<2	2.45	<0.5	10	48	79
1.01	391749	<0.2	0.24	16	<10	110	<0.5	<2	0.28	<0.5	7	64	50
1.01	391750	0.2	0.22	54	<10	30	<0.5	<2	5.1	<0.5	16	42	55
1.01	391001	0.2	0.18	110	<10	40	<0.5	<2	8.97	1	16	28	49
0.61	391002	0.8	0.27	64	<10	<10	<0.5	<2	0.15	0.5	24	58	153
1.01	391003	0.4	0.32	46	<10	10	<0.5	6	0.17	<0.5	12	51	75
1.31	391004	<0.2	0.25	18	<10	100	<0.5	<2	0.07	0.5	7	72	37
1.01	391005	0.2	0.24	24	<10	40	<0.5	2	0.06	<0.5	9	65	38
0.64	391006	1.4	0.29	56	<10	<10	<0.5	<2	0.08	1	22	78	167
1.01	391007	0.6	0.37	34	<10	30	0.5	<2	0.4	<0.5	12	60	63
0.46	391008	1.2	0.33	88	<10	10	<0.5	8	1.84	5	9	55	132
0.76	391009	2	0.27	108	<10	10	<0.5	2	1.62	6	21	49	144
0.46	391010	0.8	0.35	46	<10	30	<0.5	6	2	1.5	11	38	99
0.40	391011	0.8	0.3	66	<10	20	<0.5	<2	3.72	2	9	43	108
0.30	391012	0.6	0.32	32	<10	10	<0.5	10	0.59	0.5	5	61	105
0.15	391013	2.2	0.17	262	<10	<10	<0.5	12	1.2	6	9	61	322
0.46	391014	1.2	0.28	66	<10	<10	<0.5	6	0.24	2	5	62	135
0.61	391015	1	0.18	70	<10	<10	<0.5	14	0.05	5.5	<1	64	137

Hole location
550506E
7116286N

AZIMUT: 0
DIP: -90
Total Depth:106.53 m

Length (m)	sample number	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)
1.01	391729	2.34	<10	<1	0.14	<10	0.72	185	4	<0.01	92	330	22
1.01	391730	3.19	<10	<1	0.2	<10	0.18	140	1	<0.01	27	280	10
0.21	391731	6.3	<10	<1	0.18	<10	0.12	115	1	<0.01	35	180	16
1.01	391732	2.39	<10	<1	0.21	<10	0.09	80	1	<0.01	24	180	10
1.01	391733	2.38	<10	<1	0.18	<10	0.24	305	2	<0.01	35	500	10
0.58	391734	4.24	<10	<1	0.18	<10	0.12	160	4	<0.01	39	370	18
0.15	391735	6.24	<10	1	0.21	<10	0.11	185	4	<0.01	53	280	24
0.73	391736	5.63	<10	<1	0.22	<10	0.11	185	6	<0.01	113	1800	38
1.01	391737	4.73	<10	<1	0.22	<10	0.16	245	9	<0.01	80	2490	22
1.01	391738	3.79	<10	2	0.25	<10	0.15	240	7	<0.01	109	4660	20
0.30	391739	12.3	<10	1	0.22	<10	0.09	150	6	<0.01	60	3800	36
1.01	391740	3.42	<10	<1	0.23	<10	0.08	125	7	<0.01	82	2840	22
0.30	391741	7.36	<10	<1	0.22	<10	0.07	125	6	<0.01	115	5580	44
0.30	391742	12.95	<10	2	0.24	<10	0.08	210	9	<0.01	115	5250	88
1.01	391743	3.59	<10	<1	0.24	<10	0.07	130	4	<0.01	99	4560	24
0.73	391744	2.32	<10	<1	0.25	<10	0.09	170	3	<0.01	89	2670	18
0.46	391745	8.99	<10	<1	0.2	<10	0.09	135	2	<0.01	83	1960	50
1.01	391746	2.59	<10	<1	0.22	<10	0.13	215	3	<0.01	49	960	20
0.30	391747	12.15	<10	<1	0.14	<10	1.94	3200	4	0.01	30	710	48
1.01	391748	6.95	<10	<1	0.15	<10	1.21	2220	6	0.01	31	410	24
1.01	391749	1.92	<10	<1	0.14	<10	0.12	290	<1	<0.01	23	270	8
1.01	391750	6.23	10	<1	0.13	<10	2.5	5680	7	0.01	39	240	26
1.01	391001	5.33	<10	<1	0.1	<10	4.75	9930	10	0.01	43	90	16
0.61	391002	12.75	<10	<1	0.15	<10	0.08	215	1	<0.01	55	300	48
1.01	391003	8.48	<10	<1	0.17	<10	0.06	90	<1	<0.01	32	510	22
1.31	391004	1.83	<10	<1	0.13	<10	0.03	95	1	<0.01	30	230	6
1.01	391005	2.32	<10	<1	0.13	<10	0.03	95	4	<0.01	28	190	10
0.64	391006	11.2	<10	<1	0.16	<10	0.04	125	4	<0.01	46	290	44
1.01	391007	3.59	<10	<1	0.2	<10	0.08	145	3	<0.01	40	1430	16
0.46	391008	12.25	<10	<1	0.19	<10	0.91	315	1	0.01	73	160	48
0.76	391009	8.61	<10	<1	0.16	<10	0.83	515	2	0.01	95	170	42
0.46	391010	4.85	<10	1	0.22	<10	1.06	290	1	0.01	37	200	24
0.40	391011	9.12	<10	1	0.17	<10	1.86	350	1	0.01	45	980	22
0.30	391012	8.81	<10	<1	0.19	<10	0.29	90	1	0.01	31	290	20
0.15	391013	>15.00	<10	<1	0.11	<10	0.53	190	3	0.01	135	500	118
0.46	391014	14.35	<10	<1	0.17	<10	0.25	55	1	0.01	41	250	54
0.61	391015	>15.00	<10	<1	0.12	<10	0.09	25	1	0.01	35	160	82

Hole location
550506E
7116286N

AZIMUT: 0
DIP: -90
Total Depth:106.53 m

Length (m)	sample number	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
1.01	391729	2.69	8	6	67	<0.01	<10	<10	20	<10	152
1.01	391730	3.57	4	2	24	<0.01	<10	<10	5	<10	118
0.21	391731	6.9	2	<1	13	<0.01	<10	<10	4	<10	64
1.01	391732	2.67	<2	<1	12	<0.01	<10	<10	5	<10	100
1.01	391733	2.67	<2	2	30	<0.01	<10	<10	8	<10	120
0.58	391734	4.71	<2	<1	16	<0.01	<10	<10	7	<10	104
0.15	391735	7	6	1	12	<0.01	<10	<10	10	<10	130
0.73	391736	6.32	4	1	69	<0.01	<10	<10	17	<10	298
1.01	391737	5.41	<2	2	259	<0.01	<10	<10	21	<10	262
1.01	391738	4.44	4	3	865	<0.01	<10	<10	31	<10	360
0.30	391739	>10.00	10	2	655	<0.01	<10	<10	22	<10	206
1.01	391740	3.82	2	2	722	<0.01	<10	<10	20	<10	240
0.30	391741	8.36	6	2	1515	<0.01	<10	<10	25	<10	226
0.30	391742	>10.00	10	2	956	<0.01	<10	<10	40	<10	246
1.01	391743	4.12	6	2	1030	<0.01	<10	<10	18	<10	232
0.73	391744	2.64	<2	2	520	<0.01	<10	<10	14	<10	240
0.46	391745	9.96	2	2	79	<0.01	<10	<10	12	<10	164
1.01	391746	2.98	<2	1	39	<0.01	<10	<10	9	<10	128
0.30	391747	>10.00	2	9	152	<0.01	<10	<10	8	<10	34
1.01	391748	8.31	2	5	88	<0.01	<10	<10	8	<10	66
1.01	391749	2.1	<2	<1	15	<0.01	<10	<10	6	<10	74
1.01	391750	7.14	<2	3	161	<0.01	<10	<10	10	<10	108
1.01	391001	5.81	<2	5	344	<0.01	<10	10	14	<10	68
0.61	391002	>10.00	4	<1	11	<0.01	<10	<10	10	<10	296
1.01	391003	>10.00	4	<1	18	<0.01	<10	<10	7	<10	142
1.31	391004	1.95	<2	<1	11	<0.01	<10	<10	8	<10	154
1.01	391005	2.56	2	<1	9	<0.01	<10	<10	7	<10	110
0.64	391006	>10.00	8	<1	12	<0.01	<10	<10	16	<10	172
1.01	391007	4.14	2	1	112	<0.01	<10	<10	11	<10	94
0.46	391008	>10.00	4	4	99	<0.01	<10	<10	11	<10	440
0.76	391009	>10.00	6	1	101	<0.01	<10	<10	8	<10	962
0.46	391010	5.69	2	3	108	<0.01	<10	<10	8	<10	324
0.40	391011	>10.00	4	4	235	<0.01	<10	<10	7	<10	72
0.30	391012	>10.00	<2	1	51	<0.01	<10	<10	4	<10	50
0.15	391013	>10.00	6	<1	113	<0.01	<10	<10	3	<10	280
0.46	391014	>10.00	<2	<1	26	<0.01	<10	<10	3	<10	192
0.61	391015	>10.00	<2	<1	3	<0.01	<10	<10	1	<10	132

Hole location
550506E
7116286N

AZIMUT: 0
DIP: -90
Total Depth:106.53 m

359
mixer. 336.

DIAMOND DRILL LOG

CLAIM NO:
PROJECT: JRS DDH #3

Area JRS	Latitude UTME	Bearing 310	Date Started		Hole No. JSR05-02
Contractor Caron Drilling	Departure UTMN	Inclination @ collar -55°	Date Completed		Logged by JP JUTRAS
Core Size TW BQ	Elevation (mA.S.L.)	Inclination @ ____ m, ____	Total Length 517'	m.	Sheet 1/4
		Inclination @ ____ m, ____			

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)		Au (g/tonne)	
			NOTE JRS #3									
			THIS HOLE QUICKLOGGED™ FOR major lithological changes, alteration									
			and mineralization. Due to time constraints, less attention paid to									
			Geotechnical data (NOT EVERY BLOCK NOTED), detailed structural info									
			or detailed background data. Correlatable section w JRS 2/1									
			starts at the base of a volcano-sed sequence from 0-336.									
			AT 336, we enter a bedded sequence similar to JRS 1/2									
			w/ qss alt^n and massive Sp mineralization.									
			Drilling conditions from start to +/- 350 ft Generally poor w/ section									
			broken in 3→5cm pieces, rarely up to 10cm. IMPROVED RECOVERIES									
			350 to 517 (EOH).									
			0-20 ft CASING									
			20-336 SEQUENCE DOMINATED by MASSIVE BLACK mudstones (BAS. FLOWS?)									
			and light grey siltst (tuffs?) + minor agglomeratic bands and TUFFS (mafic)									
			Py mineralization is ubiquitous, usually along contacts as thin bands									
			OF VFGR Py (replacement along Sp planes + fractures?). Barite is also present									
			DISCONTINUOUSLY along the section as beds, up to 1-2cm Dark Grey, fine gr, usually									
			BRXX (see tannen INTS) as well as MASSIVE, WHITE RECRYSTALLIZED veins									
			up to 3ft + (90-96 ft). Also forms inclusions in Qtz vns.									
			20-336 NOTES		391016	85	88.3					
			71.5→81 minor AGGLOMERATIC + TUFFACEOUS beds (x10%)									
			81→96 dominant (75%) TUFFACEOUS + AGGLOMERATIC BEDS/BRXS									
			SECTIONS LIBRARY 90-90.5 & 96.5→97									
			SAMPLE # 391016 85 to 88.3									

DIAMOND DRILL LOG

CLAIM NO:	
PROJECT:	JRS DDH 3

Area	Latitude	Bearing	Date Started	Hole No. JSK 05-02
Contractor	Departure	Inclination @ collar	Date Completed	Logged by
Core Size	Elevation (m.A.S.L.)	Inclination @ ___ m, ___ Inclination @ ___ m, ___	Total Length m.	Sheet 2/4

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)		Au (g/tonne)	
			96-154 MUDST					AT	So	S1		
			154-164 " , minor Brxx + Qz veining									
			164-177 mudst +/- siltst		391017	346.5	342.3	353	?	30°		
			177-182 - " " +/- minor Brxx (Possibly Hyaloclastic Brxx?		391018	347.3	345.6	361		45°		
			LIBRARY SAMPLE @ 180')		391019	357	357.5	380		35°		
			182-199 mudst +/- miner siltst		391014	372	374.5	388		45°		
			199-230, mudst, minor siltst w Qz veining throughout		391020	387	385	402		40°		
			often in zones of (Hyaloclastic?) Sc Brxx.		391021	391	391.5	413		45°		
			230-285 mudst/siltst 50/50, locally thinly (cm scale) bedded		391022	423.5	424.5	419		30°		
			285-309 (Box 17) as above, minor tuffaceous beds present (<10%)		391023	432	435.3	423		40°		
			309-337. MUDSTONES, massive, minor Qz veining					423		40°		
			337-347.5 intense Qz veining in mudst/siltst +/- Ba +/- Cc.					436		40°		
splitting Qz Vn to	shows contain.		locally open vug textures w Pyrite Rhombs, calcite minor assoc.									
Apy/Gn? larger well	VFGr and formed		veining intervals and massive F.Gr bands So Py 339.5 > 340.5.									
Sph crys	tals, to 3	mm	347.5 → 398 black mudst massive, minor Py bands.									
translucent + Hon	ey colored.		NOTE: Core Angles from 20 > 317.5 consistently good, in the 65-80°									
			range. Hm staining common to +/- 309, whole section									
			moderately to strongly graphitic.									
			347.5 → 398 mineralization									
			357-357.5 7 cm section massive VFGr brown to yellow Py w/ ext. Qz									
			in mudst, minor black semimetallic minerals visible in white									
			alt'n bands around Py → Possibly Sph?									
			368-370, minor dislocated Py bands in mudst, to 1cm.									
			371-372, Py "clasts", to 3cm (3) in core									

DIAMOND DRILL LOG

CLAIM NO:	
PROJECT:	JKS (#3)

Area	Latitude	Bearing	Date Started	Hole No. [illegible] 05-02
Contractor	Departure	Inclination @ collar	Date Completed	Logged by JP
Core Size	Elevation (mA.S.L.)	Inclination @ ___ m, ___ Inclination @ ___ m, ___	Total Length m.	Sheet 3/4

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)		Au (g/tonne)	
373	374.5		interval(s) 80% coarse grained ([illegible] [illegible] to black crystals.									
			[illegible] to semi metallic luster) [illegible] [illegible] [illegible] +/-					447.5	25	35°		
			3% Cc. [illegible] [illegible] contacts. Internal sampled [illegible] [illegible]		391029	438.5	439	461	TK	35°		
			50% [illegible] irregular [illegible] after leaching of Py.		391025	453	453.5	473	TK	45°		
			375 - [illegible] Qz 0.5cm. others @ 377.5, 379.25, 383		391026	478.5	481	483	TR	45°		
			3 Band f.gr.gr. So Py 3cm @ 356.25		391027	507	507.5	497	TK	45°		
			387.25 band f.gr. So Py. contorted, laminated 3cm thick		391028	511.25	512	517	TK	50°		
			391 - 391.5 MASSIVE Brownish to [illegible]									
			yellow massive Py As clast or vn, 1/2 core volume, minor Qz + Qz cc.									
			[illegible] fragments.									
			391 → 2 - 3.5cm MASSIVE Py So +/- Qz cc. 25° TCA									
			397 - 398, 3 bands discordant to MS +/- Qz/cc vn, 0.5cm									
[illegible]	[illegible]	EOH	sequence of mudstone w variably altered/shear (weak to strong) QSS									
			development. Over section 30% strong QSS, 30% weak to moderate,									
			40% black mudstone. Disseminated Py (cubic, euhedral, yellow to									
			1-2mm) through QSS increasing w/ intensity of alt from 4-8% to									
			8-15%. Interbedded 398 to 418 = siltst/mudst.									
			409 - 3 large round 'blobs' So MS Py up to 4cm (irregular).									
			411 1.5cm band So Fgr Semi MASS Py									
			422.5, 5cm band So Fgr. MASS Py (80%).									
			432 - 435, 5 bands So MS Py +/- Qz Veining (minor) over 3ft, 35cm - 4cm -									
			4cm - 3cm - 6cm. 35° TCA. in moderate QSS.									
			Possible chert section w QSS alt 449 - 455.3									

DIAMOND DRILL LOG

CLAIM NO:	
PROJECT:	JKS (#3)

Area	Latitude	Bearing	Date Started	Hole No. STK 05-02
Contractor	Departure	Inclination @ collar	Date Completed	Logged by JP
Core Size	Elevation (mA.S.L.)	Inclination @ ___ m, ___ Inclination @ ___ m, ___	Total Length m.	Sheet 4/4

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES Au (oz/ton)		Au (g/tonne)	
			437.5+ mineralization									
			44 438.5 → 4[illegible], 40-60% Py in some S1 foliation in QSS									
			Recrystallized, both f.gr [illegible] and larger euhedral cubes (50%)									
			[illegible] → [illegible], replacement Py bands at So [illegible] lit. [illegible]									
			2-3 mm bands, widely spaced.									
			453-453.5 band massive sulphide, vfgr Py w/ Qz [illegible] ext									
			in massive cut. Seems gradational 10-20% Py upper contact									
			(indistinct) to 95% Py at bottom (sharp lower contact) over a 1/2 cm									
			interval									
			459 to 481, common So MS Py + Qz +/- Cc boudinaged veins, along S1									
			vns 0.5cm to 4cm wide, Forming MS So Py bands when thicker. Common.									
			spaced 1/2 ft to 1 ft but common over interval									
			SAMPLE 391026 (478.5 to 481) is in higher vein density section.									
			(10 veins including 1 5cm + 1 3cm)									
			492-493 15-20% Py euhedral, S1 Py									
			507.25 - 507.5 8cm band massive So Py, Vfgr to med gr.									
			504.5 → large Py 'sun' 3cm across. bright yellow									
			511.25 → 8cm massive Py So in mudstone.									
			507 → 517 Frequent rounded Py blebs, w/ pressure shadows									
			1cm to 3cm. (3-6% xx)									

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Main Lithology	Mineralization	AssayReport	Au (g/t)
JRS-03-02 (JSR 05-02)	21.34	21.84	0.50	24951	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	21.84	22.34	0.50	24952	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	22.34	22.84	0.50	24953	Tuff (?)/Mudst		VA02005140	0.03
JRS-03-02 (JSR 05-02)	22.84	23.34	0.50	24954	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	23.34	23.84	0.50	24955	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	23.84	24.34	0.50	24956	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	24.34	24.84	0.50	24957	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	24.84	25.33	0.50	24958	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	25.33	25.91	0.57	24959	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	25.91	26.91	1.01	391016	Tuff (?)/Mudst	10-30% Py, Ba, Qz	A0220836	0.07
JRS-03-02 (JSR 05-02)	26.91	27.41	0.50	24960	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	27.41	27.91	0.50	24961	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	27.91	28.41	0.50	24962	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	28.41	28.91	0.50	24963	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	28.91	29.41	0.50	24964	Tuff (?)/Mudst		VA02005140	0.02
JRS-03-02 (JSR 05-02)	29.41	29.91	0.50	24965	Tuff (?)/Mudst		VA02005140	0.02
JRS-03-02 (JSR 05-02)	29.91	30.41	0.50	24966	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	30.41	30.91	0.50	24967	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	97.54	98.04	0.50	24968	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	98.04	98.54	0.50	24969	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	98.54	99.04	0.50	24970	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	99.04	99.54	0.50	24971	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	99.54	100.04	0.50	24972	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	100.04	100.54	0.50	24973	Tuff (?)/Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	100.54	101.04	0.50	24974	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	101.04	101.53	0.50	24975	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	101.53	102.03	0.50	24976	Tuff (?)/Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	102.03	102.53	0.50	24977	Tuff (?)/Mudst		VA02005140	0.02
JRS-03-02 (JSR 05-02)	102.57	104.33	1.77	391017	Mudst + Vns	Qz, Ba, Cc, Py, Sph	A0220836	0.01
JRS-03-02 (JSR 05-02)	104.33	105.34	1.01	391018	Mudst + Vns	Qz, Ba, Cc, Py, Sph	A0220836	0.01
JRS-03-02 (JSR 05-02)	104.33	104.83	0.50	24978	Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	104.83	105.33	0.50	24979	Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	105.33	105.83	0.50	24980	Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	105.83	106.33	0.50	24981	Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	106.33	106.83	0.50	24982	Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	106.83	107.33	0.50	24983	Mudst		VA02005140	<0.01
JRS-03-02 (JSR 05-02)	107.33	107.83	0.50	24984	Mudst		VA02005140	0.01
JRS-03-02 (JSR 05-02)	108.81	109.03	0.21	391019	Mudst	MS Py So 7 cm	A0220836	0.02
JRS-03-02 (JSR 05-02)	113.69	114.15	0.46	391024	Mudst	Qz+Oxide facies	A0220836	<0.01
JRS-03-02 (JSR 05-02)	117.96	118.26	0.30	391020	Mudst	MS Py So 3 cm	A0220836	<0.01
JRS-03-02 (JSR 05-02)	120.09	120.24	0.15	391021	Mudst/MS	MS Py 50%, So	A0220836	0.02
JRS-03-02 (JSR 05-02)	129.08	129.39	0.30	391022	Mudst/QSS (weak)	6-15% Py S1	A0220836	0.01
JRS-03-02 (JSR 05-02)	131.67	132.68	1.01	391023	Mudst/QSS (weak)	6-15% Py S1, MS Py So 35, 4, 4, 3 and 6 cm	A0220836	<0.01

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

HOLE NUMBER	From (m)	To (m)	Length (m)	sample number	Main Lithology	Mineralization	AssayReport	Au (g/t)
JRS-03-02 (JSR 05-02)	133.65	133.81	0.15	391029	Mudst/QSS (weak)	50% Py S1	A0220836	0.02
JRS-03-02 (JSR 05-02)	138.07	138.23	0.15	391025	Mudst/QSS (weak)	6-15% Py S1, MS Py, 12 cm So	A0220836	0.04
JRS-03-02 (JSR 05-02)	145.85	146.61	0.76	391026	Mudst/QSS (weak)	6-15% Py S1, 10 So MS Py Vn/Brxx, 1 to 5 cm	A0220836	0.02
JRS-03-02 (JSR 05-02)	154.53	154.69	0.15	391027	Mudst/QSS (weak)	6-15% Py S1, MS Py, 8cm, So	A0220836	0.38
JRS-03-02 (JSR 05-02)	155.83	156.06	0.23	391028	Mudst/QSS (weak)	6-15% Py S1, MS Py, 8 cm, So	A0220836	0.04

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

ASSAY SUMMARY

JRS DDH 3

Length (m)	sample number	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)
0.50	24951	2.4	0.31	81	10	160	<0.5	<2	0.96	7	5	70	99	1.53
0.50	24952	1.1	0.22	138	<10	130	<0.5	<2	0.11	8.1	5	72	253	1.34
0.50	24953	0.8	0.14	24	<10	100	<0.5	<2	0.16	3	3	65	58	1.04
0.50	24954	1.1	0.17	17	<10	120	<0.5	<2	0.18	4	2	64	109	0.85
0.50	24955	1.2	0.17	16	<10	120	<0.5	<2	0.26	1.8	2	66	70	0.92
0.50	24956	2.3	0.26	16	10	180	<0.5	<2	1.05	2.1	3	60	78	1.03
0.50	24957	1.9	0.32	22	10	150	<0.5	<2	0.74	4.4	3	59	257	1
0.50	24958	1.8	0.42	34	10	170	0.5	<2	0.26	9	5	71	222	1.68
0.57	24959	1.8	0.39	33	10	130	0.5	<2	0.55	2.4	4	73	164	1.95
1.01	391016	3	0.33	48	<10	40	<0.5	2	0.87	3	5	96	113	3.65
0.50	24960	2.2	0.18	28	<10	70	<0.5	<2	1.8	6.6	6	82	51	3.39
0.50	24961	1.2	0.17	16	<10	100	<0.5	<2	0.32	34.4	4	91	25	1.83
0.50	24962	0.6	0.2	8	<10	160	<0.5	<2	0.42	11.8	4	83	11	1.05
0.50	24963	0.6	0.06	9	<10	150	<0.5	<2	0.18	29.8	9	102	17	2.15
0.50	24964	3.3	0.26	49	<10	40	<0.5	<2	0.28	20.1	16	88	78	5.62
0.50	24965	2.6	0.25	30	10	130	<0.5	<2	0.23	1.8	5	62	167	1.72
0.50	24966	2.2	0.27	19	10	170	<0.5	<2	1.04	2.4	3	75	171	1.01
0.50	24967	1.7	0.19	21	<10	170	<0.5	<2	0.1	1.6	3	58	141	0.99
0.50	24968	3.7	0.24	27	10	150	<0.5	<2	0.63	15.2	5	81	77	1.39
0.50	24969	5.1	0.19	57	10	120	<0.5	<2	0.56	24	6	66	74	1.51
0.50	24970	12.6	0.18	186	<10	120	<0.5	<2	0.42	45.9	5	78	468	1.23
0.50	24971	21.7	0.09	342	<10	120	<0.5	<2	0.29	32.3	3	128	1045	0.65
0.50	24972	7.5	0.16	124	<10	80	<0.5	<2	0.29	4.1	7	60	233	2.81
0.50	24973	3.2	0.14	82	<10	110	<0.5	<2	0.17	3.2	5	55	99	1.63
0.50	24974	2.3	0.24	72	<10	130	0.7	<2	4.65	8.1	8	46	74	2.01
0.50	24975	1.8	0.21	90	10	110	0.6	<2	3.41	14.1	8	51	104	1.57
0.50	24976	7.7	0.2	242	10	100	0.6	<2	3.45	13.9	8	46	522	1.47
0.50	24977	6.9	0.17	309	<10	80	0.5	<2	2.7	5.7	7	41	542	2.22
1.77	391017	1.8	0.2	88	<10	90	<0.5	6	2.92	7.5	9	133	212	2.87
1.01	391018	3.8	0.18	46	<10	120	0.5	<2	1.41	14.5	9	166	119	1.66
0.50	24978	5.4	0.17	104	<10	100	0.6	<2	2.97	17.5	12	84	182	2.59
0.50	24979	2.7	0.19	97	10	70	0.6	<2	1.01	3.8	10	44	91	3.06
0.50	24980	2.2	0.25	85	10	100	0.7	<2	0.61	5.3	9	57	69	2.57
0.50	24981	1.9	0.21	80	10	110	0.7	<2	1.03	4.8	8	36	61	1.74
0.50	24982	2.2	0.24	74	10	130	0.7	<2	1.29	7.4	8	48	85	1.51
0.50	24983	2.8	0.2	73	10	130	0.6	<2	1.23	17.9	7	34	118	0.85
0.50	24984	2.1	0.19	75	10	120	<0.5	<2	0.44	8.4	7	44	84	1.16
0.21	391019	9.2	0.24	266	<10	10	0.5	14	1.32	15	5	87	393	12.1
0.46	391024	27.6	0.16	1325	<10	120	<0.5	6	1.03	16	4	97	2760	1.12
0.30	391020	6.4	0.27	164	<10	30	<0.5	2	1.71	5	10	65	370	5.39
0.15	391021	6.2	0.24	212	<10	<10	<0.5	8	0.18	5.5	12	74	383	>15.00
0.30	391022	1.6	0.32	112	<10	10	<0.5	6	0.4	1.5	9	40	195	9.04
1.01	391023	0.8	0.28	100	<10	<10	<0.5	2	0.17	2	11	48	146	8.09

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

Length (m)	sample number	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)
0.15	391029	1.6	0.27	146	<10	<10	<0.5	8	0.17	3.5	16	61	309	>15.00
0.15	391025	1.2	0.2	84	<10	10	<0.5	12	5.54	3.5	22	23	138	12.4
0.76	391026	0.4	0.27	38	<10	30	<0.5	6	4.25	1.5	5	32	96	6.1
0.15	391027	1	0.26	114	<10	<10	<0.5	10	0.55	2	9	52	185	14.6
0.23	391028	0.6	0.19	74	<10	40	<0.5	6	2.92	1.5	8	31	116	8.01

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

ASSAY SUMMARY

JRS DDH 3

Length (m)	sample number	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)
0.50	24951	<10	1	0.12	<10	0.03	64	11	<0.01	95	4330	867	1.6	85
0.50	24952	<10	1	0.08	<10	0.04	59	7	<0.01	96	670	12	1.28	6
0.50	24953	<10	<1	0.06	<10	0.02	34	18	<0.01	69	830	31	0.86	5
0.50	24954	<10	1	0.06	<10	0.01	33	10	<0.01	67	1000	8	0.73	3
0.50	24955	<10	<1	0.06	<10	0.01	36	11	<0.01	66	1280	17	0.75	3
0.50	24956	<10	1	0.1	<10	0.02	40	11	<0.01	76	4750	14	0.98	3
0.50	24957	<10	1	0.08	<10	0.02	45	9	<0.01	77	3750	34	0.98	6
0.50	24958	<10	1	0.09	<10	0.02	154	19	<0.01	129	1710	119	1.45	8
0.57	24959	<10	1	0.09	<10	0.03	51	21	<0.01	110	2750	17	1.66	7
1.01	391016	<10	1	0.11	<10	0.41	320	6	<0.01	77	1190	22	3.94	8
0.50	24960	<10	1	0.06	<10	0.69	494	4	<0.01	86	3090	14	3.38	6
0.50	24961	<10	1	0.03	<10	0.16	555	5	<0.01	102	440	10	1.47	2
0.50	24962	<10	<1	0.06	<10	0.23	755	2	<0.01	67	160	4	0.41	<2
0.50	24963	10	1	0.02	<10	0.09	1795	3	<0.01	133	130	5	0.69	2
0.50	24964	10	2	0.1	<10	0.05	2040	10	<0.01	206	1030	20	4.32	6
0.50	24965	<10	<1	0.07	<10	0.01	100	12	<0.01	134	1160	9	1.61	4
0.50	24966	<10	<1	0.1	<10	0.02	47	9	<0.01	90	4690	10	1.03	3
0.50	24967	<10	<1	0.06	<10	0.02	33	6	<0.01	93	550	9	1.04	<2
0.50	24968	<10	1	0.09	<10	0.07	143	16	<0.01	156	2420	26	1.48	7
0.50	24969	<10	1	0.08	<10	0.1	493	15	<0.01	174	1770	1285	1.67	20
0.50	24970	<10	3	0.07	<10	0.09	261	30	<0.01	144	1240	1335	1.49	118
0.50	24971	<10	4	0.04	<10	0.13	282	16	<0.01	90	310	108	0.61	199
0.50	24972	<10	1	0.09	<10	0.14	299	8	<0.01	256	320	74	2.92	47
0.50	24973	<10	1	0.07	<10	0.08	109	8	<0.01	202	230	22	1.71	15
0.50	24974	10	1	0.12	<10	2.63	927	18	<0.01	182	1430	45	2.02	8
0.50	24975	10	2	0.11	<10	1.92	753	30	<0.01	200	780	54	1.64	12
0.50	24976	10	1	0.1	<10	2	1100	52	<0.01	202	330	70	1.45	83
0.50	24977	10	1	0.09	<10	1.47	1815	43	<0.01	195	590	2080	2.35	624
1.77	391017	<10	<1	0.12	<10	1.54	3520	3	<0.01	92	290	772	2.24	242
1.01	391018	<10	2	0.11	<10	0.75	1535	12	<0.01	127	410	202	1.02	80
0.50	24978	10	3	0.08	<10	1.68	1790	23	<0.01	273	500	456	1.85	36
0.50	24979	<10	1	0.1	<10	0.54	339	77	<0.01	213	570	93	3.25	16
0.50	24980	<10	2	0.13	<10	0.29	126	78	<0.01	216	640	198	2.78	11
0.50	24981	<10	1	0.11	<10	0.57	157	67	<0.01	193	430	65	1.98	11
0.50	24982	<10	2	0.12	<10	0.72	204	65	<0.01	167	530	63	1.7	14
0.50	24983	<10	4	0.11	<10	0.69	289	70	<0.01	161	300	136	0.99	16
0.50	24984	<10	2	0.1	<10	0.23	99	71	<0.01	175	340	39	1.29	12
0.21	391019	<10	5	0.12	<10	0.63	450	54	<0.01	152	1340	132	>10.00	64
0.46	391024	<10	11	0.08	<10	0.56	190	22	<0.01	239	450	12	1.4	278
0.30	391020	<10	3	0.15	<10	0.84	295	9	<0.01	81	1480	30	6.83	42
0.15	391021	<10	1	0.15	<10	0.09	515	14	<0.01	198	250	100	>10.00	14
0.30	391022	<10	<1	0.19	<10	0.11	60	1	<0.01	63	1220	32	>10.00	2
1.01	391023	<10	<1	0.19	<10	0.06	120	1	<0.01	59	520	24	9.74	6

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

Length (m)	sample number	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)
0 15	391029	1 6	0 27	146	<10	<10	<0 5	8	0 17	3 5	16	61	309	>15 00
0 15	391025	1 2	0 2	84	<10	10	<0 5	12	5 54	3 5	22	23	138	12 4
0 76	391026	0 4	0 27	38	<10	30	<0 5	6	4 25	1 5	5	32	96	6 1
0 15	391027	1	0 26	114	<10	<10	<0 5	10	0 55	2	9	52	185	14 6
0 23	391028	0 6	0 19	74	<10	40	<0 5	6	2 92	1 5	8	31	116	8 01

Location
550587N
7116286N

Azimut 310
Angle -55
Totla Depth 157 58m

Length (m)	sample number	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
0.50	24951	2	159	<0.01	<10	10	66	<10	312
0.50	24952	1	60	<0.01	<10	<10	77	<10	384
0.50	24953	1	82	<0.01	<10	<10	36	<10	234
0.50	24954	1	111	<0.01	<10	<10	45	<10	247
0.50	24955	1	91	<0.01	<10	<10	40	<10	165
0.50	24956	2	144	<0.01	<10	10	55	<10	110
0.50	24957	1	235	<0.01	<10	10	82	<10	318
0.50	24958	1	168	<0.01	<10	<10	78	<10	723
0.57	24959	2	73	<0.01	<10	10	79	<10	284
1.01	391016	1	81	<0.01	<10	<10	55	<10	336
0.50	24960	1	219	<0.01	<10	<10	35	<10	702
0.50	24961	1	21	<0.01	<10	<10	31	<10	2340
0.50	24962	<1	13	<0.01	<10	<10	48	<10	1195
0.50	24963	<1	11	<0.01	<10	<10	18	<10	3430
0.50	24964	2	99	<0.01	<10	<10	49	<10	3460
0.50	24965	1	46	<0.01	<10	<10	48	<10	265
0.50	24966	2	92	<0.01	<10	10	66	<10	112
0.50	24967	<1	49	<0.01	<10	<10	47	<10	81
0.50	24968	1	251	<0.01	<10	10	74	<10	1040
0.50	24969	1	229	<0.01	<10	<10	65	<10	2840
0.50	24970	1	162	<0.01	<10	10	118	<10	4180
0.50	24971	<1	42	<0.01	<10	10	130	<10	3240
0.50	24972	1	42	<0.01	<10	10	15	<10	1025
0.50	24973	1	28	<0.01	<10	<10	14	<10	584
0.50	24974	3	286	<0.01	<10	10	69	<10	1590
0.50	24975	3	174	<0.01	<10	10	94	<10	1915
0.50	24976	3	139	<0.01	<10	10	144	<10	2120
0.50	24977	3	139	<0.01	<10	10	113	<10	1050
1.77	391017	2	156	<0.01	<10	<10	12	<10	2280
1.01	391018	1	123	<0.01	<10	<10	43	<10	2600
0.50	24978	2	326	<0.01	<10	10	83	<10	3560
0.50	24979	2	96	<0.01	<10	20	91	<10	775
0.50	24980	1	77	<0.01	<10	30	121	<10	749
0.50	24981	2	103	<0.01	<10	20	96	<10	639
0.50	24982	2	113	<0.01	<10	30	117	<10	886
0.50	24983	1	86	<0.01	<10	10	143	<10	2150
0.50	24984	1	43	<0.01	<10	20	116	<10	964
0.21	391019	<1	147	<0.01	<10	20	134	<10	1820
0.46	391024	<1	86	<0.01	<10	<10	568	<10	940
0.30	391020	4	169	<0.01	<10	<10	31	<10	704
0.15	391021	<1	9	<0.01	<10	<10	5	<10	960
0.30	391022	1	54	<0.01	<10	<10	12	<10	174
1.01	391023	<1	22	<0.01	<10	<10	6	<10	278

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

Length (m)	sample number	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
0.15	391029	<1	28	<0.01	<10	<10	4	<10	262
0.15	391025	20	348	<0.01	<10	<10	9	<10	186
0.76	391026	9	239	<0.01	<10	<10	10	<10	140
0.15	391027	<1	35	<0.01	<10	<10	5	<10	132
0.23	391028	5	193	<0.01	<10	<10	10	<10	132

Location
550587N
7116286N

Azimut: 310
Angle: -55
Totla Depth: 157.58m

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
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 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

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 : 1-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
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	5.04	< 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

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 : 1-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
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	2170	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:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brookbank 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 :2-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
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	0.16	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 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 :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	94139402	0.01	55	16	< 0.01	71	60	14	4.74	20	1	11	< 0.01	< 10	< 10	17	< 10	174
24817	94139402	0.01	40	33	< 0.01	153	70	12	3.75	10	< 1	14	< 0.01	< 10	< 10	65	< 10	614
24818	94139402	0.01	55	34	< 0.01	120	260	12	3.90	20	< 1	23	< 0.01	< 10	< 10	90	< 10	938
24819	94139402	0.01	50	27	< 0.01	103	130	6	1.99	12	< 1	11	< 0.01	< 10	< 10	85	< 10	1300
24820	94139402	0.01	55	36	< 0.01	136	110	10	2.54	12	< 1	11	< 0.01	< 10	< 10	82	< 10	1130
24821	94139402	0.02	70	50	< 0.01	157	430	10	3.91	16	1	28	< 0.01	< 10	< 10	76	< 10	880
24822	94139402	0.03	60	3	0.01	58	3170	10	4.08	10	2	86	< 0.01	< 10	< 10	100	< 10	272
24823	94139402	0.03	50	16	< 0.01	91	1220	8	4.25	12	1	38	< 0.01	< 10	< 10	100	< 10	374
24824	94139402	0.01	55	28	< 0.01	108	160	8	2.02	8	< 1	13	< 0.01	< 10	< 10	68	< 10	744
24825	94139402	0.02	50	14	< 0.01	80	1880	8	3.66	8	1	59	< 0.01	< 10	< 10	108	< 10	596
24826	94139402	0.02	60	18	< 0.01	95	1190	12	3.83	6	1	42	< 0.01	< 10	< 10	107	< 10	758
24827	94139402	0.03	50	24	0.01	108	4040	10	4.06	6	3	142	< 0.01	< 10	10	122	< 10	408
24828	94139402	0.01	65	45	< 0.01	119	90	10	3.99	8	< 1	11	< 0.01	< 10	< 10	48	< 10	226
24829	94139402	0.01	90	33	< 0.01	103	340	10	3.59	10	< 1	19	< 0.01	< 10	10	101	< 10	764
24830	94139402	0.03	125	24	0.01	106	2710	12	6.42	14	2	67	< 0.01	< 10	10	213	< 10	814
24831	94139402	0.02	105	33	< 0.01	124	1820	14	3.73	10	3	64	< 0.01	< 10	10	137	< 10	844
24832	94139402	0.03	65	24	0.01	87	2560	16	4.97	10	2	89	< 0.01	< 10	10	94	< 10	374
24833	94139402	0.01	50	34	< 0.01	137	120	10	2.93	4	< 1	18	< 0.01	< 10	< 10	104	< 10	686
24834	94139402	0.01	90	32	0.01	109	140	14	6.04	14	1	10	< 0.01	< 10	< 10	18	< 10	218
24835	94139402	0.03	65	30	0.01	105	3430	10	3.95	10	1	36	< 0.01	< 10	< 10	56	< 10	346
24836	94139402	0.05	40	8	0.01	82	7280	10	2.63	4	2	58	< 0.01	< 10	< 10	60	< 10	336
24837	94139402	0.14	135	24	0.01	92	2740	8	2.32	10	1	31	< 0.01	< 10	< 10	132	< 10	1370
24838	94139402	0.09	75	16	0.01	91	2370	14	2.35	8	1	24	< 0.01	< 10	< 10	82	< 10	712
24839	94139402	0.07	80	12	0.01	75	2720	18	2.85	8	1	37	< 0.01	< 10	< 10	101	< 10	796
24840	94139402	0.03	60	20	0.01	94	1520	14	3.25	10	1	35	< 0.01	< 10	< 10	104	< 10	976
24841	94139402	0.03	60	20	0.01	91	1460	14	3.19	12	1	35	< 0.01	< 10	< 10	99	< 10	994
24842	94139402	0.03	45	28	0.01	140	3910	18	4.52	12	2	50	< 0.01	< 10	10	102	< 10	734
24843	94139402	0.77	305	29	0.03	134	1700	24	5.29	12	4	40	< 0.01	< 10	< 10	161	< 10	700
24844	94139402	0.11	75	7	0.01	33	310	18	2.12	< 2	1	14	< 0.01	< 10	< 10	10	< 10	104
24845	94139402	0.27	110	3	0.01	25	290	16	2.01	< 2	1	14	< 0.01	< 10	< 10	7	< 10	74
24846	94139402	0.48	195	4	0.01	26	160	16	2.05	< 2	1	15	< 0.01	< 10	< 10	7	< 10	78
24847	94139402	0.33	145	5	0.01	27	120	20	2.82	< 2	1	17	< 0.01	< 10	< 10	9	< 10	120
24848	94139402	0.16	75	6	0.01	58	160	32	5.92	< 2	1	18	< 0.01	< 10	< 10	9	< 10	148
24849	94139402	0.09	35	< 1	0.01	38	260	14	2.58	< 2	1	21	< 0.01	< 10	< 10	4	< 10	72
24850	94139402	0.50	200	1	0.01	24	270	12	2.91	< 2	3	22	< 0.01	< 10	< 10	8	< 10	54
391001	94139402	4.75	9930	10	0.01	43	90	16	5.81	< 2	5	344	< 0.01	< 10	10	14	< 10	68
391002	94139402	0.08	215	1	< 0.01	55	300	48	>10.00	4	< 1	11	< 0.01	< 10	< 10	10	< 10	296
391003	94139402	0.06	90	< 1	< 0.01	32	510	22	>10.00	4	< 1	18	< 0.01	< 10	< 10	7	< 10	142
391004	94139402	0.03	95	1	< 0.01	30	230	6	1.95	< 2	< 1	11	< 0.01	< 10	< 10	8	< 10	154
391005	94139402	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

Page Number :3-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
391006	9413|9402	0.04	125	4	< 0.01	46	290	44	>10.00	8	< 1	12	< 0.01	< 10	< 10	16	< 10	172
391007	9413|9402	0.08	145	3	< 0.01	40	1430	16	4.14	2	1	112	< 0.01	< 10	< 10	11	< 10	94
391008	9413|9402	0.91	315	1	0.01	73	160	48	>10.00	4	4	99	< 0.01	< 10	< 10	11	< 10	440
391009	9413|9402	0.83	515	2	0.01	95	170	42	>10.00	6	1	101	< 0.01	< 10	< 10	8	< 10	962
391010	9413|9402	1.06	290	1	0.01	37	200	24	5.69	2	3	108	< 0.01	< 10	< 10	8	< 10	324
391011	9413|9402	1.86	350	1	0.01	45	980	22	>10.00	4	4	235	< 0.01	< 10	< 10	7	< 10	72
391012	9413|9402	0.29	90	1	0.01	31	290	20	>10.00	< 2	1	51	< 0.01	< 10	< 10	4	< 10	50
391013	9413|9402	0.53	190	3	0.01	135	500	118	>10.00	6	< 1	113	< 0.01	< 10	< 10	3	< 10	280
391014	9413|9402	0.25	55	1	0.01	41	250	54	>10.00	< 2	< 1	26	< 0.01	< 10	< 10	3	< 10	192
391015	9413|9402	0.09	25	1	0.01	35	160	82	>10.00	< 2	< 1	3	< 0.01	< 10	< 10	1	< 10	132
391016	9413|9402	0.41	320	6	< 0.01	77	1190	22	3.94	8	1	81	< 0.01	< 10	< 10	55	< 10	336
391017	9413|9402	1.54	3520	3	< 0.01	92	290	772	2.24	242	2	156	< 0.01	< 10	< 10	12	< 10	2280
391018	9413|9402	0.75	1535	12	< 0.01	127	410	202	1.02	80	1	123	< 0.01	< 10	< 10	43	< 10	2600
391019	9413|9402	0.63	450	54	< 0.01	152	1340	132	>10.00	64	< 1	147	< 0.01	< 10	20	134	< 10	1820
391020	9413|9402	0.84	295	9	< 0.01	81	1480	30	6.83	42	4	169	< 0.01	< 10	< 10	31	< 10	704
391021	9413|9402	0.09	515	14	< 0.01	198	250	100	>10.00	14	< 1	9	< 0.01	< 10	< 10	5	< 10	960
391022	9413|9402	0.11	60	1	< 0.01	63	1220	32	>10.00	2	1	54	< 0.01	< 10	< 10	12	< 10	174
391023	9413|9402	0.06	120	1	< 0.01	59	520	24	9.74	6	< 1	22	< 0.01	< 10	< 10	6	< 10	278
391024	9413|9402	0.56	190	22	< 0.01	239	450	12	1.40	278	< 1	86	< 0.01	< 10	< 10	568	< 10	940
391025	9413|9402	3.04	2950	1	0.01	81	490	46	>10.00	6	20	348	< 0.01	< 10	< 10	9	< 10	186
391026	9413|9402	2.22	535	< 1	0.01	20	390	20	7.16	< 2	9	239	< 0.01	< 10	< 10	10	< 10	140
391027	9413|9402	0.33	85	1	0.01	104	230	46	>10.00	< 2	< 1	35	< 0.01	< 10	< 10	5	< 10	132
391028	9413|9402	1.50	390	1	0.01	76	130	20	9.73	2	5	193	< 0.01	< 10	< 10	10	< 10	132
391029	9413|9402	0.05	35	2	< 0.01	44	620	72	>10.00	10	< 1	28	< 0.01	< 10	< 10	4	< 10	262
391030	9413|9402	1.07	340	4	0.01	85	1400	22	0.19	< 2	2	15	< 0.01	< 10	< 10	82	< 10	236
391031	9413|9402	0.36	65	36	0.01	117	2780	20	0.42	< 2	1	7	< 0.01	< 10	< 10	83	< 10	158
391032	9413|9402	4.29	575	4	0.03	115	560	26	1.73	4	19	17	0.09	< 10	< 10	306	< 10	2260
391601	9413|9402	1.10	480	< 1	0.01	30	120	20	7.72	< 2	3	17	< 0.01	< 10	< 10	9	< 10	62
391602	9413|9402	0.65	200	< 1	0.01	33	240	14	4.91	< 2	3	28	< 0.01	< 10	< 10	8	< 10	74
391603	9413|9402	0.61	180	< 1	0.01	36	160	10	1.35	< 2	3	33	< 0.01	< 10	< 10	6	< 10	42
391604	9413|9402	0.28	70	< 1	0.02	19	190	10	0.81	< 2	1	39	< 0.01	< 10	< 10	5	< 10	36
391605	9413|9402	0.13	40	< 1	0.02	23	170	14	1.74	< 2	1	25	< 0.01	< 10	< 10	6	< 10	58
391606	9413|9402	0.18	50	2	0.01	25	160	16	1.96	< 2	1	31	< 0.01	< 10	< 10	5	< 10	48
391607	9413|9402	0.15	50	2	0.02	24	230	20	2.25	< 2	1	29	< 0.01	< 10	< 10	5	< 10	68
391608	9413|9402	0.27	95	3	0.02	28	210	20	2.09	< 2	1	31	< 0.01	< 10	< 10	6	< 10	80
391609	9413|9402	0.20	65	3	0.01	28	170	28	4.13	< 2	1	27	< 0.01	< 10	< 10	5	< 10	50
391610	9413|9402	0.23	70	1	0.02	28	120	16	3.44	< 2	1	29	< 0.01	< 10	< 10	6	< 10	34
391611	9413|9402	0.27	110	2	0.02	25	230	20	2.64	< 2	1	36	< 0.01	< 10	< 10	4	< 10	48
391612	9413|9402	0.38	175	2	0.02	39	270	20	3.39	< 2	1	42	< 0.01	< 10	< 10	5	< 10	164
391613	9413|9402	0.23	90	< 1	0.02	27	160	16	0.66	< 2	1	33	< 0.01	< 10	< 10	5	< 10	28

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brookbank 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 :4-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
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:

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 :4-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
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. :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
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

Page Number :5-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
391654	94139402	0.29	220	1	0.01	31	110	18	3.29	< 2	1	17	< 0.01	< 10	< 10	5	< 10	110
391655	94139402	0.07	135	1	0.01	26	320	24	2.67	< 2	1	26	< 0.01	< 10	< 10	6	< 10	168
391656	94139402	0.05	55	< 1	0.01	14	90	10	0.65	< 2	< 1	16	< 0.01	< 10	< 10	4	< 10	78
391657	94139402	0.08	70	1	0.01	21	350	18	0.89	< 2	< 1	34	< 0.01	< 10	< 10	5	< 10	140
391658	94139402	0.13	90	1	0.01	29	220	52	1.11	2	1	27	< 0.01	< 10	< 10	5	< 10	264
391659	94139402	0.03	35	< 1	0.01	11	120	4	0.29	< 2	1	21	< 0.01	< 10	< 10	7	< 10	102
391660	94139402	0.02	35	1	0.01	18	110	26	2.18	< 2	1	17	< 0.01	< 10	< 10	6	< 10	298
391661	94139402	0.06	120	1	0.01	33	70	30	4.14	2	1	11	< 0.01	< 10	< 10	4	< 10	168
391662	94139402	0.06	180	< 1	0.01	26	120	48	3.35	< 2	1	12	< 0.01	< 10	< 10	4	< 10	214
391663	94139402	0.06	190	< 1	0.01	27	70	38	5.07	< 2	< 1	11	< 0.01	< 10	< 10	4	< 10	244
391664	94139402	0.07	90	< 1	0.01	38	80	34	3.69	< 2	1	13	< 0.01	< 10	< 10	5	< 10	246
391665	94139402	0.30	180	1	0.01	33	60	24	2.10	< 2	4	19	< 0.01	< 10	< 10	7	< 10	110
391666	94139402	0.33	245	< 1	0.01	19	70	14	0.92	< 2	1	57	< 0.01	< 10	< 10	5	< 10	70
391667	94139402	1.36	965	< 1	0.01	19	50	14	1.65	< 2	2	163	< 0.01	< 10	< 10	6	< 10	80
391668	94139402	0.49	445	< 1	0.02	24	30	6	2.46	< 2	2	80	< 0.01	< 10	< 10	6	< 10	102
391669	94139402	0.58	530	1	0.03	42	70	22	3.74	< 2	6	60	< 0.01	< 10	< 10	10	< 10	110
391670	94139402	0.27	95	< 1	0.02	33	50	14	4.03	< 2	2	26	< 0.01	< 10	< 10	6	< 10	78
391671	94139402	0.93	1040	< 1	0.03	38	80	12	5.29	< 2	4	65	< 0.01	< 10	< 10	7	< 10	106
391672	94139402	0.52	640	< 1	0.03	29	70	10	1.60	< 2	3	46	< 0.01	< 10	< 10	5	< 10	118
391673	94139402	0.28	160	1	0.03	42	70	16	3.33	< 2	1	25	< 0.01	< 10	< 10	5	< 10	80
391674	94139402	0.70	695	1	0.02	34	50	18	2.77	< 2	2	43	< 0.01	< 10	< 10	8	< 10	86
391675	94139402	0.74	845	< 1	0.02	37	30	14	4.57	< 2	2	125	< 0.01	< 10	< 10	5	< 10	160
391676	94139402	0.26	235	< 1	0.02	48	50	22	5.18	< 2	1	46	< 0.01	< 10	< 10	4	< 10	88
391677	94139402	0.59	505	< 1	0.02	18	30	2	1.10	< 2	2	101	< 0.01	< 10	< 10	3	< 10	58
391678	94139402	0.25	320	< 1	0.01	45	30	20	2.43	< 2	3	56	< 0.01	< 10	< 10	4	< 10	134
391679	94139402	0.27	270	< 1	0.01	40	40	14	2.24	< 2	3	64	< 0.01	< 10	< 10	4	< 10	154
391680	94139402	0.21	190	5	0.01	51	70	12	3.25	< 2	3	63	< 0.01	< 10	< 10	16	< 10	228
391681	94139402	0.06	40	< 1	0.01	37	90	< 2	9.97	2	1	8	< 0.01	< 10	< 10	4	< 10	78
391682	94139402	0.04	30	< 1	0.01	59	80	14	4.25	< 2	1	11	< 0.01	< 10	< 10	3	< 10	88
391683	94139402	0.03	40	< 1	0.01	32	90	10	2.02	< 2	1	13	< 0.01	< 10	< 10	5	< 10	82
391684	94139402	0.01	40	1	0.01	21	70	8	2.28	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	32
391685	94139402	0.02	50	13	< 0.01	81	80	14	4.06	6	3	8	< 0.01	< 10	< 10	25	< 10	140
391686	94139402	0.01	35	11	< 0.01	76	90	2	1.64	< 2	3	21	0.03	< 10	< 10	245	< 10	212
391687	94139402	< 0.01	25	10	< 0.01	86	190	4	2.00	< 2	2	26	< 0.01	< 10	< 10	119	< 10	182
391688	94139402	< 0.01	25	17	< 0.01	71	120	12	3.18	< 2	1	17	< 0.01	< 10	< 10	24	< 10	118
391689	94139402	0.01	30	14	< 0.01	140	180	8	3.10	< 2	2	17	< 0.01	< 10	< 10	58	< 10	216
391690	94139402	0.51	175	10	< 0.01	79	40	6	1.65	< 2	2	88	< 0.01	< 10	< 10	30	< 10	154
391691	94139402	0.51	140	11	< 0.01	77	100	6	2.35	< 2	4	52	< 0.01	< 10	< 10	42	< 10	172
391692	94139402	0.05	40	12	< 0.01	109	80	8	2.60	< 2	2	23	< 0.01	< 10	< 10	37	< 10	190
391693	94139402	0.17	75	12	< 0.01	93	110	6	2.38	< 2	3	70	< 0.01	< 10	< 10	61	< 10	178

CERTIFICATION:

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

To: 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

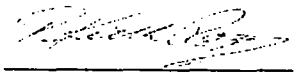
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

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

To: MANSON 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	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
24551		0.84	<0.2	0.26	11	<10	40	<0.5	4	5.46	<0.5	29	204	67	2.11	<10
24552		0.52	0.2	0.26	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	36	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	260	<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	13.6	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

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

To: MANSON 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 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
24551		<1	0.02	<10	4.31	417	1	<0.01	460	160	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	1505	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	16	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	565	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

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

To: MANSON 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-AA45 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		
24951		<10	10	66	<10	312	0.01		
24952		<10	<10	77	<10	384	0.01		
24953		<10	<10	36	<10	254	0.03		
24954		<10	<10	45	<10	247	0.01		
24955		<10	<10	40	<10	165	0.01		
24956		<10	10	55	<10	110	<0.01		
24957		<10	10	82	<10	318	0.01		
24958		<10	<10	78	<10	723	0.01		
24959		<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		

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

To: MANSON 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

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
Sample Description LOR	0.02	0.2	0.01	2	10	10	0.5	2.00	0.01	0.5	1	1	1	0.01	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	0.68	3.3	0.26	49	<10	40	<0.5	<2	0.23	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

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

To: MANSON 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 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	99	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	116	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	66	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

To: MARSON 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		

APPENDIX 4

Statement of Expenditures

JRS CLAIMS-STATEMENT OF EXPENDITURES
DRILLING-2002

DRILLING/SUPPORT COSTS

JRS #1 Location: 550506E 7116361N
Azimut: 300 degrees, dip: 55 degrees, length: 502 feet.

Drilling costs		6,711.50	Caron Drilling Invoice #3821
		1,526.00	Caron Drilling Invoice #3822
Consumables		288.66	Caron Drilling Invoice #3821
Helicopter Costs			
Date	Hours	Amount ($1,135.00/hour)	
28-Jun	8.4	9,534.00	West Coast Invoice # 16943
29-Jun	1.1	1,248.50	West Coast Invoice # 16944
30-Jun	0.8	908.00	West Coast Invoice # 16945
TOTAL JRS 01		20,216.66	

JRS #2 Location: 550506E 7116361N
Azimut: 000 degrees, dip: 90 degrees, length: 502 feet.

Drilling costs		5,937.00	Caron Drilling Invoice #3822
Consumables		93.33	Caron Drilling Invoice #3822
Helicopter Costs			
Date	Hours	Amount ($1,135.00/hour)	
1-Jul	3.3	3,745.50	West Coast Invoice # 16946
2-Jul	2.5	2,837.50	West Coast Invoice # 16947
TOTAL JRS 02		12,613.33	

JRS #3 Location: 550587E 7116286N
Azimut: 305 degrees, dip: 55 degrees, length: 517 feet.

Drilling costs		9,787.00	Caron Drilling Invoice #3822
Consumables		93.33	Caron Drilling Invoice #3822
Helicopter Costs			
Date	Hours	Amount ($1,135.00/hour)	
3-Jul	3.2	3,632.00	West Coast Invoice # 16948
4-Jul	1.1	1,248.50	West Coast Invoice # 16949
5-Jul	1.3	1,475.50	West Coast Invoice # 16950
6-Jul	1.1	1,248.50	West Coast Invoice # 16868
TOTAL JRS 03		17,484.83	
TOTAL DRILLING/HELI		50,314.82	

SUPERVISION/CORE LOGGING

Geologist	6 days @ $400.00/day	2,400.00
Camp Costs	6 days @ $118.56/day	711.36
Assays	90 samples @ $24.00	2,160.00

TOTAL COSTS SUBMITTED 73,071.01

Submitted as assessment cost determination for the JRS CLAIMS

Dated: January 21st, 2003

Signed:

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

APPENDIX 5

Certificate of Qualifications

STATEMENT OF QUALIFICATIONS

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

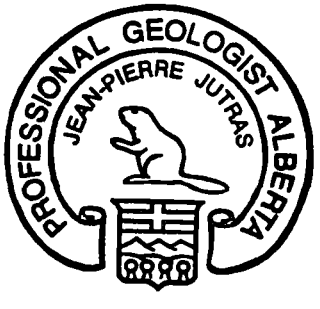
1) I am a qualified Geologist having obtained my Bachelor of Sciences (Honors) Degree in Geology at the University of Alberta, Edmonton, Canada in 1991.

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 JRS 2002 drill program and am familiar with all the data presented in this report. Interpretations presented herein are, in my opinion, well supported by the field evidence and past work conducted on the Property.

Respectfully submitted on January 21th, 2003 by:



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