



ASSESSMENT REPORT

JRS 1-25 claims
Mayo Mining District
Yukon Territories

094359

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

TABLE OF CONTENTS

Section	Page
INTRODUCTION	1
1) Project Location	1
2) Access	2
3) Exploration target	
a) Commodities/minerals	2
b) Deposit type and geology	2
4) Previous work on the property	3
5) 2002 work program	
Objectives	5
Methodology	5
Results	6
6) 2002 Exploration season conclusions and recommendations	8

List of Maps, Tables and Illustrations

Figure 1:	Claim Map
Table 1:	List of claims
Table 2:	Drilling statistics
Table 3:	Summary drill logs

APPENDICES

Appendix 1:	Plan maps, drill hole locations
Appendix 2:	Drill sections, logs and assay summaries
Appendix 3:	Assay Certificates
Appendix 4:	Statement of Expenditures
Appendix 5:	Certificate of qualifications

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 to YC09948	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.

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 50,310.

M. B. B.
for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

NOTICE

THIS MAP IS A REPRODUCTION OF A MAP
 PREPARED BY THE DEPARTMENT OF MINES
 AND TECHNICAL SURVEYING, AND
 IS NOT TO BE USED FOR ANY OTHER
 PURPOSES WITHOUT THE WRITTEN
 PERMISSION OF THE DEPARTMENT.

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

SHEET 106C-4

SCALE 1:50,000

DECEMBER 11, 1981

MAYO MINING DISTRICT

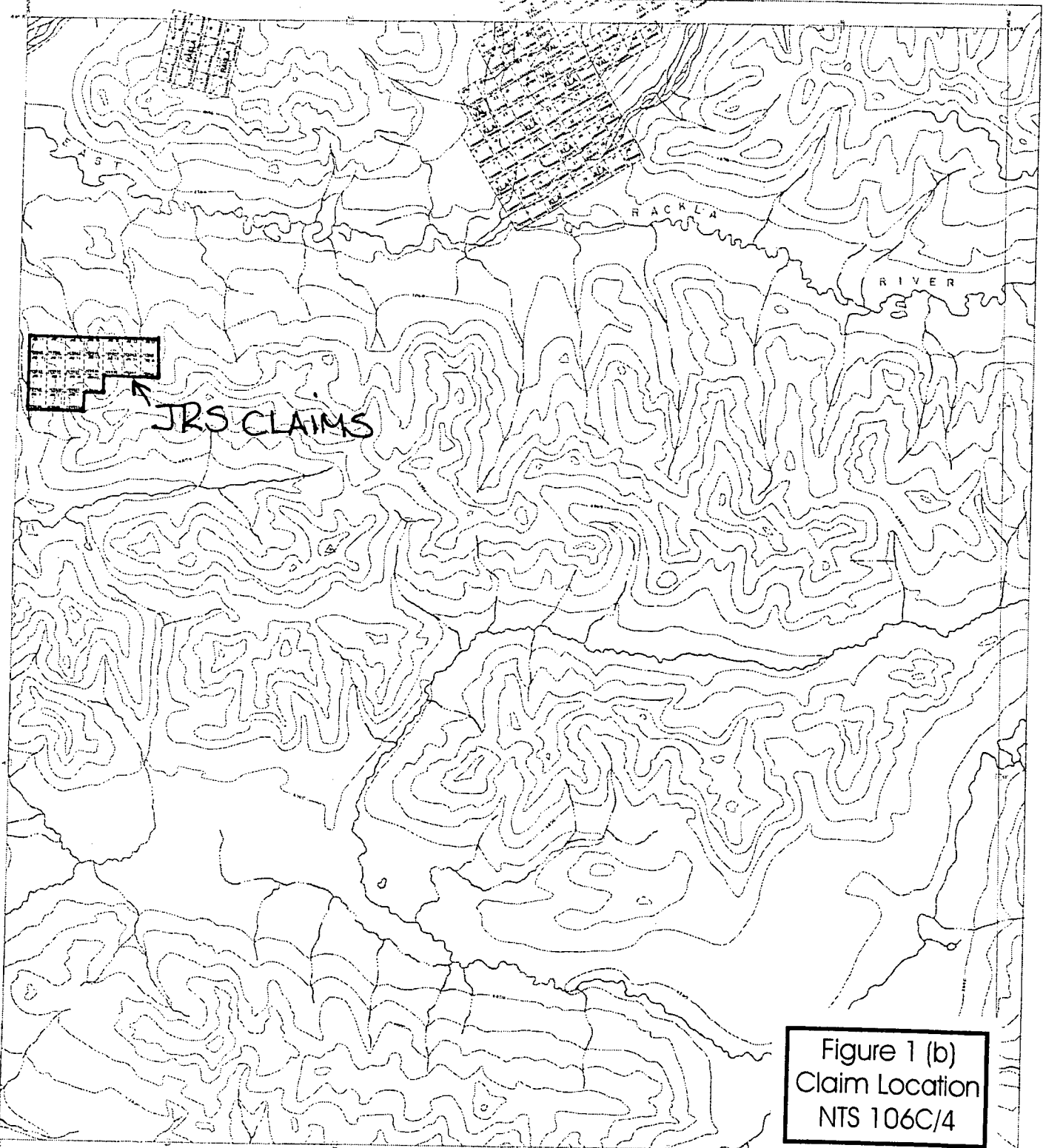


Figure 1 (b)
 Claim Location
 NTS 106C/4

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 tonnes 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-mississippian 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 Metallurgy, 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 sed.

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 units. 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.

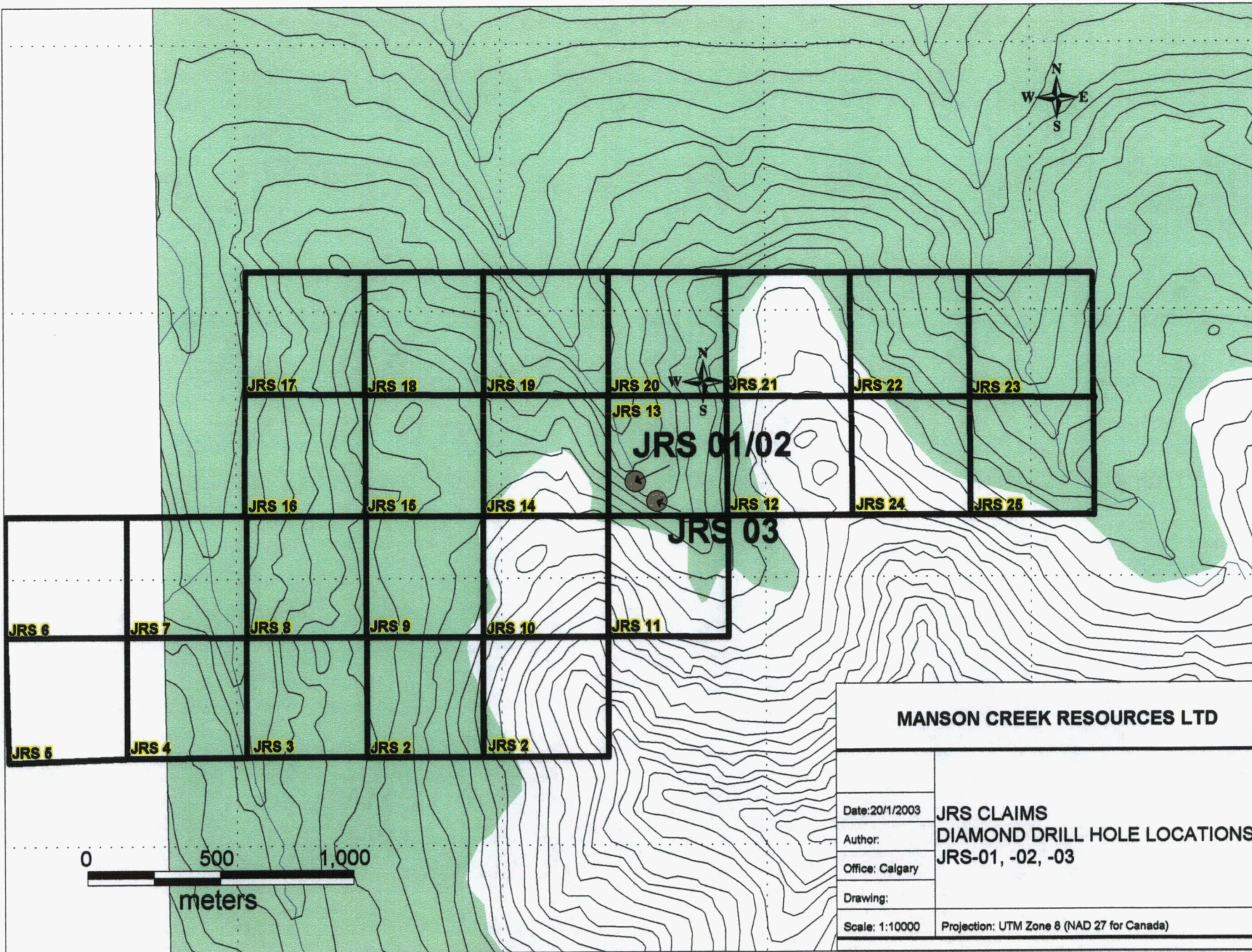
All three styles of mineralization are at an early stage of exploration and occur largely, in the area of drilling, as blind targets. Work to be conducted to advance the targets should include a detailed soil geochemical survey over the drilled area as well as ground geophysics using techniques such 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



0 500 1,000
meters

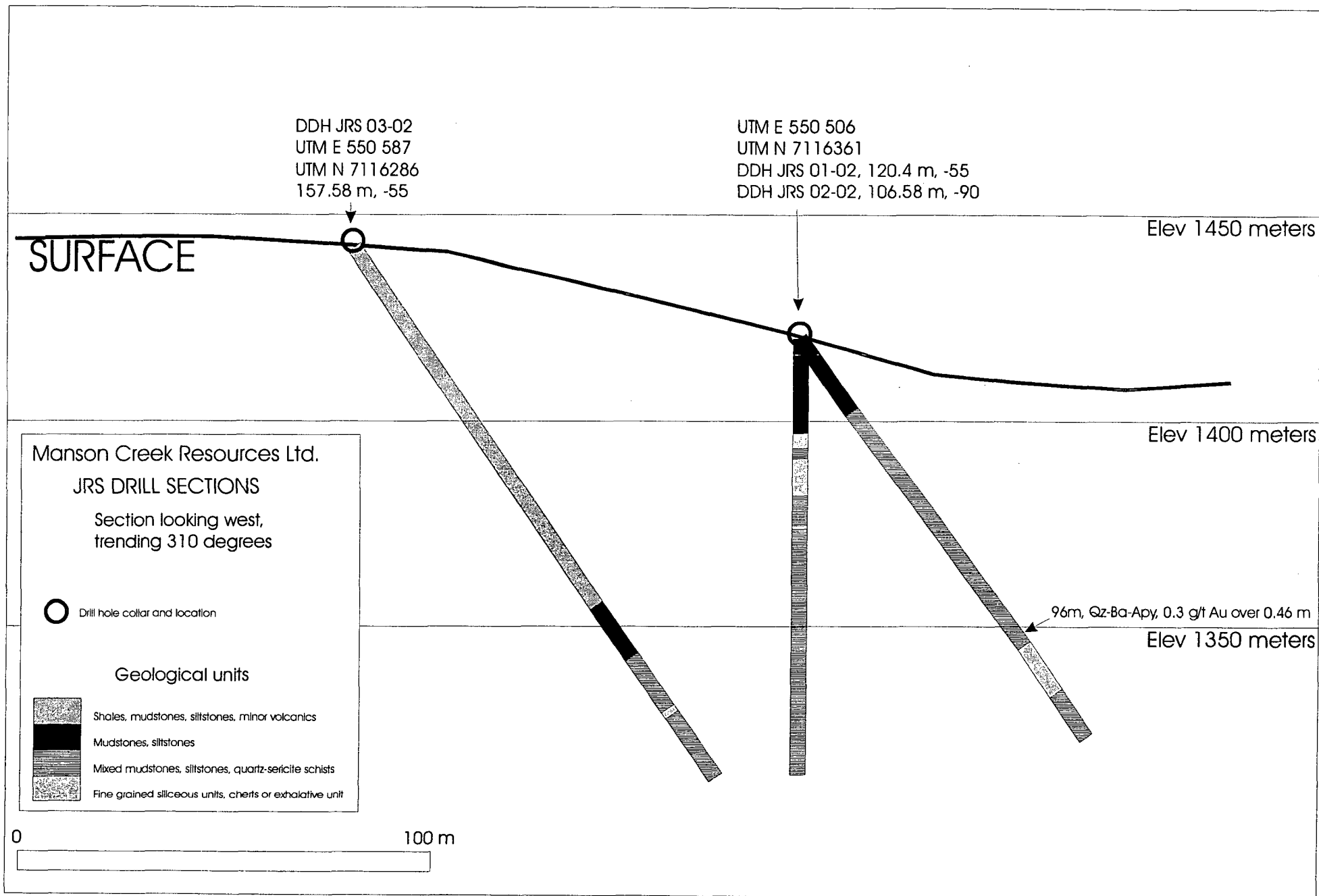
550000 mE

MANSON CREEK RESOURCES LTD	
Date: 20/1/2003	JRS CLAIMS DIAMOND DRILL HOLE LOCATIONS JRS-01, -02, -03
Author:	
Office: Calgary	
Drawing:	
Scale: 1:10000	Projection: UTM Zone 8 (NAD 27 for Canada)

55300

APPENDIX 2

Drill section
Drill Logs
Assay Summaries



DIAMOND DRILL LOG

CLAIM NO:

PROJECT: J2S DDH #1

Area JLS		Latitude UTM E		Bearing 310		Date Started		Hole No. J2S-02			
Contractor Carbon Drilling		Departure UTM N		Inclination @ collar -55°		Date Completed		Logged by JP			
Core Size TW BQ		Elevation (m.A.S.L.)		Inclination @ m, m,		Total Length m.		Sheet 1/5			
FROM (m)	TO (m)	RECOVERED INTERVAL (m)	GEOLOGICAL DESCRIPTION	PY % REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So Au (oz/ton)	Si	Au (g/tonne)
32	34	280%	0-20' casing, 20-32 <10% RECOVERY								
34	38	290%	weak to mod. granule	2-8				40	15°		
38	41	100%	30-62 ft dark gray siltstone w/ minor mudst intervals	2-8				44	22	25°	
41	44	"	0-50' ft limonite along small vns + fracture planes. (oxidation drift?)	"				49	4.2	40°	
44	46.7	"	39 ft 1cm So Py band 100% Py, fgr margins gradational over	"				58	3TR	35°	
46.7	49	"	3mm on each side, no apparent silica. Py band @ 15° TCA	"				64	3TR	30°	
49	54		62-64 ft alt (vary from 20% to 80%) of siltstones. Silt become	"	391706	56.5	60.8	8			
54	58		light gray, coarser euhedral Py starts to develop (3-4% Rx) and	"	391707	60.8	61	72.5	?	50°	
58	61		Rx become softer to scratch (clef. alt?) (Perhaps 1st stage to	4-8	391708	61	64.3				
61	64		Qz sei sch?).	"				80	40°	40° //	
64	64.5		@ 61' → 5cm lens of So Py w/ minimal/marginal development	"							
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 in siltstone + mudstone.	"	391709	72.5	75	97	TR	45°	
74	78.5		71.5 → 77 - Qz sei sch	"				104	TR	40°	
78.5	83		77-97.5 siltstone/mudstone, local weak alt (over +1-10% sect)	"	391710	82	85.3	110	TR	40°	
83	87		97.5 → 123 → 3cm (90%) Qz sei sch	"				119	TR	40°	
87	90			"							
90	92		72.5 → 74 Qz-carb. Py brecc vein in Qz-sei sch w/ replacement of host	"							
92	97		to massive F or Py along vn margins over 3 to 5cm, locally	"							
97	100		Rx is 100% Py. SAMPLE interval 72.5 → 75. Total +1-45% Py.	8-10							
100	102		ALTHOUGH in Qz-sei sch it is massive Py, not Si euhedral Py.	8-10							
102	104		82-84 - loc up to 30% So Py, bands in mudst/siltst up to 3cm. diss.	8-10							
104	105										
105	110		98 ft, Qz Py Vn to 3cm.	8-10							
110	114										
114	119	✓	97 → 121.19 ft Qz Py Vn to 3mm, every foot or so.	8-10							

Box 1

Box 2

Box 3

Box 4

Box 5

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JKS 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, _____ m,	Total Length _____ m.			Sheet 2/5				
FROM (m)	TO (m)	RECOVERY INTERVAL (m)	GEOLOGICAL DESCRIPTION		% REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES		
										So (for/ton)	Si	Au Sz (g/tonne)
119	124	100%	119 to 123 dom (80%) Qz ser sch w mud/siltst intervals		8-10				124	TR	80°	15° y
124	128.5		123-128, mixed zone 70% mud/siltst, 30% Qz ser sch in thin 6 Py veins/S ₀ 1-2cm		8-15				128	TR	30°	5° y
128.5	131		alternating bands mm to cm scale, very strong S ₁ and local crenulation of S ₁ on mm scale evident { 124-127.3 }		4-6				132	TR	30°	25° y
131	134		128 → 192 predominantly (90%) dark grey to black		4-6	391711	124	127.3	137	?	35°	
134	137.5		mudstones w fine to coarse siltstone intervals (10%)		4-6							
137.5	138		Do band of siltstone @ 132 (photo) and 168 → shows excellent transposition relationship w/ S ₁ (photo). Over 128-191, occasional bleached Qz		11				143	?	50°	
138	143		inlets 1-3mm wide, along S ₀ (folded), S ₁ or S ₂ .			391712	149.8	151.4				
143	147		133.5, small 4mm graded fine Py bed, transposed 2.4m, over 30cm (skipped)			391713	151.4	151.90	159	?	55°	
147	152		138.3 Bed massive Py, closing in core 10cm Py. 138.6, 2cm band Py in shale			391714	151.90	154.5	164	?	45°	
152	154		150.9 to 151 3 to 6cm band massive Py 95% w Qz forming extensive ms w/ grain						168	photo	45°	
154	156		Fibre +1 cc (4%) and small black blebs up to 0.1mm in width, evenly distributed through intersection (mud or sp?). Py locally prismatic (almost acicular) in blebs but						174	?	30°	
156	159		overall massive, v.f. gr, brassy dark color. 151.4 to 151.90, 15cm interval, as described above. Massive Py. upper contact 65° TCA, lower 35° TCA						177	TR	30°	
159	164		(photo). black blebs up to 5% of total Py.						188	TR	55	
164	169		192 to 208.5 alternating, mixed mud/siltst, dark grey to black w moderately developed Qz ser. schor. Partial cut of Qz-Py in e						193	TR	45°	
169	174		182-183, Py band up to 5cm, Qz veining + brex @ 15cm @ 183.5						201	TR	50°	30°
174	174.5		207.2, 3cm band massive So Py w/ Qz brex. Sampled w						207	TR	45	15°
174.5	177		3.5cm on both sides (siltstone). Small Sn culcs seen in Qz portion @ 415° TCA.									
177	180					391715	207.0	207.4				
180	183.5											
183.5	188											
188	191											
191	193											
193	199.5											
199.5	201											
201	203.5											
203.5	205											
205	206											
206	207											
207	208.5	✓										

Box 6

Box 7

Box 8

Box 9

Box 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 07-06/7					
Core Size		Elevation (m A.S.L.)	Inclination @ _____ m, _____ m,	Total Length _____ m.		Sheet 3/5					
FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	S ₀ Au (oz/ton)	S ₁ Au (g/tonne)	ANALYSES S ₂
208.5	209.5	100%	208.5 → 229 80% Qz sch, 10% microl QSS/MUD/SILTstone,	2-6							
209.5	213.5		10% black mudstones (ex 227 to 228).	2-6				213	TK	65°	
213.5	215		210-212 Qz in +/- Mass So Py over 5cm, rest is Bull white Qz. Some	2-6				220	TK	75°	10°
215	220		"clasts" of QSS in Qz, little deformation. ie. possible remold Si or Qz Flooding.	2-6				224	45° re %	85°	15°
220	224		NOT "Hydrothermal breccia".	2-6				229	TK	50°	15°
224	226		218 → 219 up to 20% Si. Py in QSS w/ silica shadows → Alt'd to clay?	2-6				234	TK	48°	20°
226	229		T-03-02 → 223 PHOTO, Poss incomplete QSS alts of siltstones above So + S ₂ granulation					241	50°?	50° //	-
229	234		221-222 Bull white Qz in	6-10				249	TK	40°	
234	237		229-247 80% mud/siltstones, 20% weak QSS.	6-12				259	TK	40°	15°
237	242		MASSIVE Py blob 6cm x 5cm @ 232 & 240	6-12				264	TK	35°	
242	244		BRXK + Qz vein +/- minor Peds MS 241.5 → 243.5 (H-CC in Qz)	6-12				274	TK	45°	
244	249		247-262 QSS. @ 256 PHOTO S ₁ /S ₂	6-12	391716	260	261.5	279.5	TK.	30°	
249	254		Py bands (Qz + MS Py) @ 250, 252, 253.5, 256.5. up to 3cm.	6-10	391717	261.5	262.5	289	TK	40°	
254	259		261.5 + 262 MASSIVE Py in QSS, 85% Py euhedral to 2-3mm in clean Qz/silica	6-10	391718	262	265.3	293.5	TK	35°	
259	262		matrix	6-10	391719	265.3	268.5	298.5	TK	45°	
262	264		262 → 279 90% siltstone, 5% mudstone, 5% alts to QSS	6-10	391720	268.5	272				
264	269		So + Qz klibs or bands 1-3cm @ 282.25, 265.5, 269.75, 273.5.	6-10	391721	272	272.5	272.5			
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		+ extensional veining.	6-10	391723	275.8	279.1				
278.5	274.5	✓	MASSIVE So MS Py bands 5cm @ 279, 279.3.	6-10							
280.1	288.5		280.1 → 279.1 → QSS 50%, MUD/SILT 50% to 294	6-12							
288.5	293.5		294 → 306 90% mud/siltst, 10% weak QSS alts in thin bands	6-10							
293.5	298.5		small Qz in @ 288.3. Peds MS + Qz (dissected as klibs to dom) @ 287, 289	4-8							
298.5	299.5		band So Py 3cm (70% Py) @ 296.5 in siltst.	4-8							

Box 11

Box 12

Box 13

Box 14

Box 15

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 6/07
Core Size	Elevation (m A.S.L.)	Inclination @ _____ m, Inclination @ _____ m,	Total Length _____ m.	Sheet 4/5

FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC	SAMPLE NO.	FROM (m)	TO (m)	LENGTH (m)	ANALYSES			
									Au (oz/ton)	Si	Au (g/tonne)	
299.5	300.5	100%	308-310 QSS, dislocated So+Qz Py MS 309-310 TOTAL 10% carb.	2-4								
300.5	304		310-313.5 Grey siltstone, minor QSS alt ^a	2-4				300.5	TL	350		
304	306		minor Qz Veining 305-306	2-4				305	TL	550		
306	310		310.5 - 316 zone of Qz Veining along strongly graphitic Si	2-4				310	TL	350		
310	314		1 ft section of Vn 80% Ba + 15% Qz (White Bull) + 5% dissim. APy + Py &	6-10				317	TL	200	crenulation + Qz Vn 10% TCA, possible Sz clastic	
314	317		APy + Py along veinlets w/ sulphur flooding, AP, massive to disseminated, forming	2-4	391724	310.2	313.5	324.5	TL	400		
317	318		clots and acicular crystals upto 7.5mm long in fractures + in massive	6-10	391725	319.5	316	329	TL	400		
318	319		crystalline Ba.	6-10	391726	315	318.3	334	So in MS	350		
319	324		315-318 90% siltstone, 10% weak irregular QSS.	6-10				344	MS	500	photo	
324	329		318 - 334.5 Shaly QSS w small bands siltst/mud 1-5cm wide	6-10	391727	333.25	333.75	349	TL	500		
329	334		QSS 95%	1-3	391728	336.75	337.25	354	TL	45		
334	339		band massive So Py +/- black mudstone, 10cm @ 333.25	1-3								
339	344		Py cleat @ 334.25									
344	349		334.3 major lithology change from mud siltst/ to aphanitic/ cryptocrystalline black to light gray siliceous unit FIELD TERNED: CHEST.									
			Possibly siliceous exhalative. Sample section @ 344'. Also subject to									
			cream colored alt ^a forming QSS. CHEST section from 334.3 to 352. locally									
			thin 2mm bands So Py, usually w/ alt ^a discoloration on edges of bands.									
			locally blebs upto 2-3cm So Py, 2 massive Py bands @ 336.75 to									
			337.25, 1 band 3cm, other 5cm. 50% of sample 391728 is MS w/ QSS									
			altered (weak to mod) chest.									
			345-347, dark grey Ba rich bands, dislocated, up to 3cm thick									
			w/ minor recrystallization of baite into crystals (white) on edge									
			of bands. In QSS chest +/- minor mudstone.									
			352 - litho back to siltst +/- mud.									

Box 16

Box 17

Box 18

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 RUBQ		Elevation (m.a.s.l.)	Inclination @ _____ m, Inclination @ _____ m,	Total Length _____ m.		Sheet 5/5					
FROM (m)	TO (m)	RECOVERED INTERVAL (m)	GEOLOGICAL DESCRIPTION	Py % REC.	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES		
354	357	100%	354-369, siltstones, mudstones. Siltst have abundant 50 Py	6-10				357	TR?	35°	40% _{ys}
357	362		in blcks or small contorted beddings. NO QZ.	8-12				362	TR?	20°	30% _{ys}
362	364		369-373 strong QSS	8-10				368	TR?	50°	20% _{ys}
364	368		373 to 375 (ECH) → coarse siltstone, massive. Library sample 3	8-10				372	TR?	70°	35% _{ys}
368	372		@ 392'. This section more massive, bedding indistinct, R _x appears	6-8				379	38°?	35° _{ys}	
372	374		as a flow(?), coarse fractions (white phenocrysts, clasts?) often angular,	6-8				384	35°?	indistinct	
374	379		Possibly Feldspar or silica after Q in amygdales. Library sample to be	6-10				389	?	50°	
379	384		polished + T Sect.	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 ECH	✓		6-10							
									</		

Bot 19

Bot 20

Bot 21

ASSAY SUMMARY

JRS DDH 1

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

ASSAY SUMMARY

JRS DDH 1

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

ASSAY SUMMARY

JRS DDH 1

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

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

ASSAY SUMMARY

JRS DDH 1

Length (m)	sample number	Ti (%)	TI (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

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

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JRS DDH #2

Area JRS			Latitude UTME		Bearing ~~200~~ 0°		Date Started		Hole No. JRS 041-02				
Contractor CARON Drilling			Departure UTM N		Inclination @ collar 90°		Date Completed		Logged by JP 6/1/09				
Core Size TW 30			Elevation (m A.S.L.)		Inclination @ _____ m, _____ m		Total Length 349ft m.		Sheet 1/5				
Blocks FROM (m)	TO (m)	RECOVERY INTERVAL (m)	GEOLOGICAL DESCRIPTION			PY % REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES		
			Hole was drilled @ 90° (vertical) on same site as T-03-02 or JRS #1 to establish JRS section and provide info on bedding (So) directions.							40		35°	
			Casing - 0-20ft							43	20°	20° //	
										53.5	25°	25° //	
										58.5	25°	25° //	
30-31	31	32	<10%	20 → 38.5, broken rubble, strongly weathered + oxidized			?			62	20°	20° //	
32	34	35	<30%	38.5 → 40 50% Qz vns + vls in Greyish shale, minor cc in Qz,			?			68	20°	20° //	
35	36.5	38.5	<30%	Qz generally white, opaque (Bull). Along S, minor red + yellow Rusty alt.			?			76	20°	20° //	
38.5	40	40.5	>85%	section to 40 moderately GRAPHITIC			6-8	391729	44.5	47.8	81	20°	20° //
40.5	44.5	48.5	>95%	40-45, mudst/siltst @ 42.5, section across mudst/siltst contact with			8-10			87	18°	18° //	
44.5	48.5	50	100%	graded bedding in siltst (gradational top, sharp bottom contact) showing			8-10			91	20°	20° //	
48.5	50	51	"	upright section w So @ 20° // S, (sem siltst band).			8-10	391730	76	79.3	95	25°	25° //
50	51	53.5		45 to 48, moderately brxx section of mudst + w siltst clasts,			8-10	391731	79.3	80			
51	53.5	58.5		local Qz blebs + pods. Abct (8-15%) fgr sulphides throughout, Py			8-10	391732	80	83.3			
53.5	58.5	61		dominated w/ yellowish acicular Py(?) crystals 1-2mm in length.			8-10	391733	83.3	86.6			
58.5	61	63.5		45 to 75.5 dark grey to black siltst/mudst (so/so), minor silicification.			8-10	391734	86.6	88.5			
61	63.5	68.5		Semi massive So Py band in mudst @ 58.4 over 1.5cm.			8-10	391735	88.5	89			
63.5	68.5	73.5		75.5 facies change to CHEFT. black to cream colored (alt).			8-10						
68.5	73.5	76		to 87.5. Very fractured w/ discoloring/alt along fracture planes			10-14						
73.5	76	80		57.5 → 76 mudst/silt 80%, chert 20%.			8-10						
76	80	81		76, "grading" back into cherts.			8-15						
80	81	85		MINERALIZATION: 61-62.5, 3a bands massive grey f. gr. up to 4cm showing			8-15						
81	85	87		Brxx + Qz filling (PHOTO). 75.5 to 87.5 (cherts) 6-10% diss Py + So bands 1-2mm			8-15						
85	87	89		common (stretched // S.) through section. Thicker So bands @ 77 (4cm)			8-15						
87	89	91		80 (10cm - PHOTO), 82 (3cm), 82.3 (4cm) and 88-89 (10cm - PHOTO)			8-12						
91	95			Py blebs to 1cm (5%) in siltst + 6-8% diss Py. 2cm band So Py (80%) @ 94.			8-12						

Box 1

Box 2

Box 3

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JYS DDH#2

Area			Latitude	Bearing	Date Started			Hole No. JSR 01-02			
Contractor			Departure	Inclination @ collar	Date Completed			Logged by JPC/09			
Core Size			Elevation (m.A.S.L.)	Inclination @ _____ m.	Total Length _____ m.			Sheet 2/5			
Blocks FROM (m)	TO (m)	% INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES		
									Au (oz/ton)	Si	Au (g/tonne)
95	100	100	95 to 126 black to grey (cyan) block CHEST w/ minor bands (up to 1cm)	2-8	391736	95.	97.4	100	22	25°	
100	105		siltstone. Bedding visible through local alt of bands outlining strong	10-12	391737	97.4	100.7	110	50°	30°	
105	110		local folding (open to tight isoclinal) with Si // Fold axis	4	391738	100.7	104.1	115	22	30°	
110	115				391739	104.1	105.5	120.5	TR	40°	
115	120.5	115.25	11 bands of So mineralization over interval, from 2cm to 12cm.	10-12	391740	105	108.3	125	22	30°	
120.5	125		Py dominated (80%) within chert/silicified matrix. Some 'primary' banding	8-15	391741	108.3	109.3	130	11	35°	
125	130		Py usually yellowish-brown, v. fine in bands or blocks w/ lighter yellow	4	391742	109.3	110.3	135	?	20°	
130	134		bands/blocks throughout (less alt? or Cox?). Locally visible SPs in zone of alt?	4	391743	110.3	113.6	140	TR	25°	
134	135		Sulphide intervals @ 96.1-3cm, 103.5-2.5cm, 104-12cm (SAVED, LOCKED PHOTO)	4	391744	113.6	116	145	TR	25°	Y ^{5%}
135	140		109.8-5cm, 109.75-8cm (gradual upward increase in proportion of alt? to 100% at 111.5 - 1 to 3cm banding begins)	4	391745	116	117.5	150	TR	50°	
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		Partial core over 4cm (block), 123 vs Py + Qz over 3cm, 124+ band 5cm,	8-15	391747	120.8	121.8	163	TR	20°	
150	151.5		126.8- band 4cm. 150-152, blocks + bands + laminated Py sections. overall	8-12	391748	121.8	125.1	168.5	TR	15°	
151.5	155		some 156 total sulf. Nuclei content.	8-15	391749	125.1	128.4				
155	158	>75%	126-130 mixed mudst/chert/siltst, minor brxst + transgression along Si	6-10	391750	128.4	131.7				
158	163	100	130-137.5, black mudstone w/ band/laminar Py 1-2mm, 5mm spacing w/ minor	8-15	391001	131.7	135				
163	165		bands to 2cm moderate gss development	8-12	391002	147	149				
165	165.5		137.5-150 moderate to strong QSS. Py Si up to 4mm 6-10% w/ shades. Massive yellowish	6-10	391003	149	152.3				
			So Py band over 13cm + blocks/bands up to 4cm, rotated into Si		391004	152.3	156.6				
			150-153, CHEST H-alt. Band So HS 45% Py folded across axis of core		391005	156.6	159.9				
			Si exfol. planar (PHOTO) @ 151.75		391006	159.9	162				
			153-164 silicified (Si) sequence of mudst/siltst w/ multiple thin		391007	162	165.3				
			(0.5 to 1cm x 20) stringers of Qz + HS Py. 161.5-162 2 intervals So HS 4cm + 5cm								
			164-165.5 siltst/mudst w/ up to 20% total thin (0.25 to 5mm) So fgr R1								
			along Si. minor Qz veining 167-168.5 + minor QSS actn 165-165.5								

Box

Box 5

Box 6

Box 7

Box 8

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JRS DDH #2

Area		Latitude	Bearing 0°	Date Started		Hole No. JSR 04-03					
Contractor		Departure	Inclination @ collar 910°	Date Completed		Logged by JD 07/09					
Core Size		Elevation (m.A.S.L.)	Inclination @ _____ m, _____	Total Length _____ m.		Sheet 3/5					
Blocks FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% REZ	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	So (g/ton)	Si	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 grey silt. in sections up to 10cm. Minor	2-4				183	?	20°	
174.5	176		transposition. Minor R bands (50%) @ 180.25 - 5cm (1/2 core width)	"				188	?	15°	
176	178		183-3cm. Minor Si O ₂ veinlets through interval.	"				193.5	?	15°	
178	183		187-209.5 50% black mudstone, 50% variably altered gss, prominent	2-6				199	?	10°	SiO ₂ ?
183	185		observed (silt? chert?). Went to strong transposition (observed 50%).	2-4				203.5	5?	15°	
185	185.75		So type Semi HS to HS @ 188.5 - 214.7cm, 193.5 So HS w/ + Gz, banding	1	39108	207.0	208.5	209.5	?	15°	Trace
185.75	188		2cm, 204.5-5m HS 160% - 7cm, 208-12cm.	"	39109	214	216.5	214	?	15°	Trace
188	193		209.5 - 214.0, moderately alt chert. Very fractured + gss cleavage.	6-12	39110	220.5	222	222	25°	350	from 230 to 240
193	195		214-216.5, Mudstone + gss, 35% of core = HS, far R dom w/ rounded blebs, m	6-10	39111	234.5	238.8	230	?	15°	
195	199		to cm in size bright yellow (far (Cpx?)) w/ Gz + re in filling between	"				237	35?	35°	
199	203.5		disembodied HS blocks (Photo), along Si or + 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							
207.5	209.5		spaced veins, 1 to 2cm, 10° TCA, 15% of core total Gz + HS)	10-20							
209.5	214		216.5 - 240 mudstone bands up to 15cm. black w/ gr. in variably	8-15							
214	216.5		alt gss with observed prominent.	20-35							
216.5	218			5-20							
218	221.5			15-20							
221.5	222			8-15							
222	223			8-15							
223	230			8-15							
230	235			8-15							
235	240	✓		8-15							

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JRS DDH 2

Area			Latitude	Bearing	Date Started			Hole No. JRS CL-03				
Contractor			Departure	Inclination @ collar	Date Completed			Logged by JY 02/68				
Core Size			Elevation (M.A.S.L.)	Inclination @ _____ m, _____ m,	Total Length 349.5 m.			Sheet 4/5				
FROM (m)	TO (m)	% RECOVERED INTERVAL (m)	GEOLOGICAL DESCRIPTION		% REC	SAMPLE NO.	FROM (m)	TO (m)	AT LENGTH (m)	ANALYSES		
										S ₀ Au (oz/ton)	S ₁	Au (g/tonne)
240	245	100	240 to 349.5 moderate to strong QSS w/ total +/- 10% mudstone		6-10				240	?	10°	65% Fr.
245	250		(black, v.gr) intervals from 4 to 15cm total (each band). Protolith		6-10				245	?	20°	
250	255		indistinguishable in QSS (silicates? cherts? Py common in QSS		"				255	20°? 12	20°/12?	65% Fr.
255	258		6-10%, well formed euhedral Py crystals in thin, "common" in Si fine-grained		"				265	12	25°	65% Fr.
258	261.5		+ common Qz filled massive chert. Very fine-grained (fine-grained) 100 to 200		"				270	12?	30°	
261.5	265		Si. Mineralization: Qz-Py Schist (Schist) veins 244/245.5		"				275	12	30°	
265	270		246.5 (5-10cm section), Qz, Py		"	391012	276.5	277.5	280	12	45°	15°
270	275		255, 5cm section QSS to semi massive in mudst + 10% QSS		"	391013	286.75	287.25	285	12	25°	
275	276		265 & 266, 10cm sections QSS Py to SM Py in: strong QSS. 10-20% v.gr Py		"	391014	296	297.5	286.75	15° 35°	35°/17?	
276	280		20-30% coarse recrystallized euhedral Py.		"	391015	305.75	307.75	295		30°	
280	285				"				300		300°	
285	290		276.5 to 277.5 10cm massive (PSS%) Fracture to 10cm of semi mass to		8-15				310		16°	
290	295		disseminated Py in QSS. to 1000 ppm.		"				315	12	15°?	
295	300		286.75 to 287.25 Massive Py (Sol), minor external Qz + re veining Py		30%				320		10°	
300	305		15 Fgr to v.f. fr brownish mass w/ lighter (yellowish) bands. Possible Fgr Gr		8-12				324		16°	
305	310	✓	in Qz (small silvery cubes w relict look). Gradational contact up, sharp lower		60%				327		18°	
310	313	295%	contact.		6-10							
313	315	100%	276.25 - 25cm band. of semi to massive Py characterized by large		6-10							
315	320		(2-4mm) Py crystals w/ "black" appearance in translucent Si matrix. Py 75-85%		6-10							
320	324		Some Fgr Py bands in background (1-10% of Py). Appears massive band of		10-15							
324	327		"Si" Py in QSS schist. 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							

Box 13

Box 14

Box 15

Box 16

Box 17

ASSAY SUMMARY

JRS DDH 2

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

ASSAY SUMMARY

JRS DDH 2

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

ASSAY SUMMARY

JRS DDH 2

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

ASSAY SUMMARY

JRS DDH 2

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

DIAMOND DRILL LOG

CLAIM NO:	
PROJECT: JRS DDH # 3	
Date Started	Hole No. JRS 05-02
Date Completed	Logged by JP JUTRAS
Total Length 517 m.	Sheet 1/4

Area <u>JRS</u>	Latitude <u>UTME</u>	Bearing <u>310</u>
Contractor <u>Caren Drilling</u>	Departure <u>UTMN</u>	Inclination @ collar <u>55°</u>
Core Size <u>tw BQ</u>	Elevation <u>(M.A.S.L.)</u>	Inclination @ _____ m, _____
		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 HOK. QUICKLOGGED™ FOR major litho 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 to 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 (ECH).							
			0-20 FT CASING							
			20-336 SEQUENCE DOMINATED by MASSIVE Black mudstones (BAS. Flows?) and light grey siltst (tuffs?) + minor agglomeratic bands and TUFFS (mofic)							
			Pi mineralization is ubiquitous, usually along contacts as thin bands OF VFER Py (replacement along so planes + fractures?). Barite is also present discontinuously along the section as beds, up to 1-2cm dark grey, fine gr, usually brk (see tank JRS) as well as massive, white recrystallized veins up to 3 ft + (90-96 ft). ALSO forms inclusions in qz vns.							
			20-336 NOTES							
			71.5 → 81 minor, agglomeratic + tuffaceous beds (X10%)							
			81 → 96 Dominant (75%) - TUFFACEOUS + AGGLOMERATIC BEDS } PXS							
			sections LIBRARY 90-90.5 + 96.5 → 97							
			SAMPLE # 371016 85 to 88.3							

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JRS DDH3

[illegible]

DIAMOND DRILL LOG

CLAIM NO:

PROJECT: JKS (123)

Area		Latitude		Bearing		Date Started		Hole No. SK 05-02					
Contractor		Departure		Inclination @ collar		Date Completed		Logged by JP					
Core Size		Elevation (M.S.L.)		Inclination @ _____ m, _____ 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		intermediate 80% coarse grained (2-3mm) aggregates of black crystals (subhedral to semi idiomorphic texture) in a fine grained matrix of 0.2-1.0 mm +/-							447.5	35	35°	
			5% Co. Sharp subhedral contact. Interstitial rounded in matrix.				391029	438.5	439	461	TK	35°	
			50% or possibly 60% after leaching of Py.				391025	453	453.5	473	TK	45°	
			375 - Py band 0.5 cm. Overlap @ 375.5, 376.25, 383				391026	478.5	481	483	TK	45°	
			3 Py 0.5 cm. So Py 3 cm @ 386.25				391027	507	507.5	497	TK	45°	
			387.25 hard fine gr So Py. centered, laminated 2cm thick				391028	511.25	512	517	TK	50°	
			391-391.5 MASSIVE brownish to yellowish Py AS dust or Vn, 1/2 core volume, mixer QZ + QZCC sharp contact.										
			391 - 2-3.5cm MASSIVE Py So +/- QZCC. 25° TCA										
			392-395, 3 bands distributed in MS+L QZCC Vn. 0.5cm										
396	517	121	sequence of mudstones in variable, altered/shale (weak to strong) QSS development. Over section 50% strong QSS, 30% weak to moderate, 20% black mudstones. Disseminated Py/cubic, euhedral (Vn to 1-2mm) through QSS increases w/ intensity of alt from 4-8% to 15-18%. Breakdown 398 to 418 = 50% st/mudst.										
			409 - 2 large round 'blubs' So MS Py up to 4cm (irregular).										
			All 1.5cm band So Fgr Semi MASS Py										
			423.5, 5cm band So Fgr. MASS Py (80%)										
			432-435, 5 bands So MS Py+L QZ Veining (minor) over 3ft, 35cm-4cm-4cm-2cm-6cm. 35° TCA. in moderate QSS.										
			Possible chert section (QSS alt) 449-455.3										

DIAMOND DRILL LOG

Area		Latitude	Bearing	CLATH NO:					
Contractor		Departure	Inclination ϕ collar	Date Started	Hole No. <u>SK 05-02</u>				
Core Size		Elevation	Inclination ϕ (m.s.l.)	Date Completed	Logged by <u>JF</u>				
				Total Length	Sheet <u>4/4</u>				
FROM (m)	TO (m)	INTERVAL (m)	GEOLOGICAL DESCRIPTION	% SAMPLE REC	FROM (m)	TO (m)	LENGTH (m)	Au (oz/ton)	ANALYSES Au (g/tonne)
			137.5 + mineralization						
			444-438.5 $\rightarrow$ 429, 40-60% Py in ss + S. talc in QSS						
			Percolated, both f. or ss and large euhedral cubes (50%)						
			444 $\rightarrow$ 442.5, replacement Py bands at 50 changes bet. mudstone/bulky						
			2-3 mm lenticles, mostly, scattered.						
			453-453.5 band massive sulfide, v. fine Py 10/oz. heavy ext						
			in massive int. S. some gradational 10-20% Py in py. contact						
			(indistinct) to 95% Py at bottom (sharp lower contact) over a 2 cm interval						
			459 to 481, common Ss MS Py + 0-1% Ce brecciated veins, along S.						
			vis 0.5 cm to 4 cm wide, Feeding MS Ss Py bands when thicker. Common, spaced 1/2 ft to 1 ft but common over interval						
			SAMPLE 391026 (481.5 to 481) 15 in higher vein density section (10 veins including 1 cm + 1 cm)						
			497-493 15-20% Py euhedral, S. Py						
			507.25-507.5 8 cm band massive Ss Py, v. fine to med gr.						
			501.5 $\rightarrow$ large Py's in 3 cm across. bright yellow						
			511.25 $\rightarrow$ 8 cm massive Py Ss in mudstone.						
			507 $\rightarrow$ SH frequent truncated Py Hbls, w/ pressure shadows 1 cm to 3 cm. (3-6% Kc)						

ASSAY SUMMARY

JRS DDH 3

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

Azimet: 310
Angle: -55
Total Depth: 157.58m

ASSAY SUMMARY

JRS DDH 3

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

Azimet: 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

Azimuth: 310
Angle: -55
Total 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 (%)
0.15	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

Azimuth: 310
Angle: -55
Total 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

Azimuth: 310
Angle: -55
Total 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)
0.15	391029	<10	<1	0.17	<10	0.05	35	2	<0.01	44	620	72	>10.00	10
0.15	391025	<10	<1	0.13	<10	3.04	2950	1	0.01	81	490	46	>10.00	6
0.76	391026	<10	1	0.18	<10	2.22	535	<1	0.01	20	390	20	7.16	<2
0.15	391027	<10	<1	0.16	<10	0.33	85	1	0.01	104	230	46	>10.00	<2
0.23	391028	<10	<1	0.13	<10	1.5	390	1	0.01	76	130	20	9.73	2

Location
550587N
7116286N

Azimuth: 310
Angle: -55
Total Depth: 157.58m

ASSAY SUMMARY

JRS DDH 3

Length (m)	sample number	Sc (ppm)	Sr (ppm)	Ti (%)	Ti (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

Azimuth: 310
Angle: -55
Total Depth: 157.58m

ASSAY SUMMARY

JRS DDH 3

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

Azimet: 310
Angle: -55
Total 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**

Ancora 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

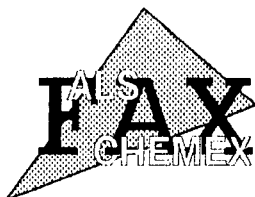
METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	200	Pulv. <250g to >85%/-75 micron
STO-21	200	Reject Storage-First 90 Days
LOG-22	200	Samples received without barcode
CRU-31	200	Crush to 70% minus 2mm
SPL-21	200	Splitting Charge
229	200	ICP - AQ Digestion charge

* 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 :

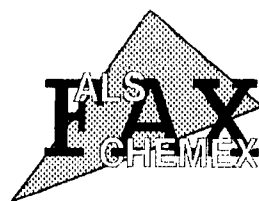
Account : QJD

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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	1.06	0.01	2.8	0.44	106	< 10	10	0.5	< 2	0.26	8.0	8	67	90	5.64	< 10	< 1	0.11	< 10
24810	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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 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 : 1-B

Total Pages : 5

Certificate Date: 07-AUG-02

Invoice No. : 10220836

P.O. Number :

Account : QJD

CERTIFICATE OF ANALYSIS

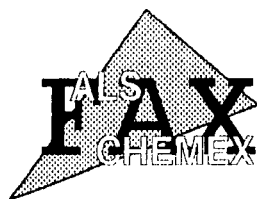
A0220836

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	2370	2	0.08	< 2	< 1		405	0.29	< 10	< 10		70	< 10	188
24801	94139402	0.02	35	21 < 0.01		104	120	12	4.15	6	< 1	15 < 0.01	< 10	< 10		46	< 10	28	
24802	94139402	0.03	55	13 < 0.01		96	150	12	4.91	8	1	18 < 0.01	< 10	< 10		42	< 10	198	
24803	94139402	0.01	30	21 < 0.01		122	90	12	4.60	6	1	11 < 0.01	< 10	< 10		42	< 10	258	
24804	94139402	0.01	55	24 < 0.01		119	120	10	3.33	6	1	13 < 0.01	< 10	< 10		62	< 10	536	
24805	94139402	0.03	50	9 < 0.01		76	3300	8	4.56	8	3	70 < 0.01	< 10	< 10		136	< 10	412	
24806	94139402	0.01	60	24 < 0.01		101	110	8	2.94	8	< 1	11 < 0.01	< 10	< 10		50	< 10	682	
24807	94139402	0.04	75	16 < 0.01		83	5910	12	5.12	14	4	119 < 0.01	< 10	< 10		204	< 10	700	
24808	94139402	0.01	75	43 < 0.01		115	230	10	4.00	14	< 1	17 < 0.01	< 10	< 10		47	< 10	490	
24809	94139402	0.03	90	18 < 0.01		102	1990	12	6.10	16	1	65 < 0.01	< 10	10		174	< 10	604	
24810	94139402	0.03	170	13 < 0.01		83	3200	14	7.60	18	2	63 < 0.01	< 10	< 10		206	< 10	516	
24811	94139402	0.03	80	25 < 0.01		98	3350	14	4.82	12	3	98 < 0.01	< 10	10		132	< 10	442	
24812	94139402	0.01	65	26 < 0.01		94	980	10	3.04	8	1	46 < 0.01	< 10	< 10		86	< 10	600	
24813	94139402	0.02	70	26 < 0.01		104	2500	16	3.85	10	2	89 < 0.01	< 10	< 10		116	< 10	680	
24814	94139402	0.01	65	37 < 0.01		83	230	16	4.59	10	< 1	24 < 0.01	< 10	< 10		28	< 10	226	
24815	94139402	0.03	70	23 < 0.01		111	1470	18	5.39	12	3	65 < 0.01	< 10	10		122	< 10	594	

CERTIFICATION:

MANSON CREEK RESOURCES LTD. H4P0A4-RH42

PAGE 003



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-A

Total Pages : 5

Certificate Date: 07-AUG-02

Invoice No. : 10220836

P.O. Number :

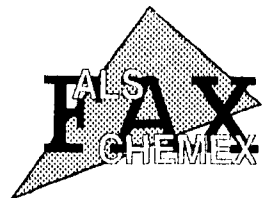
Account : QJD

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
24816	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	1.68	< 0.01	0.2	0.36	14	< 10	100	< 0.5	< 2	0.19	< 0.5	10	106	27	1.88	< 10	< 1	0.15	< 10
24846	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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 - 928 - 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 :

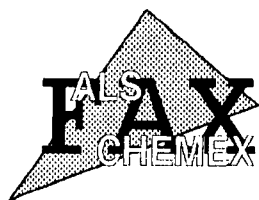
Account : QJD

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	04139402	0.01	55	16 < 0.01	71	60	14	4.74	20	1	11 < 0.01	< 10	< 10	17	< 10	174		
24817	04139402	0.01	40	33 < 0.01	153	70	12	3.75	10	< 1	14 < 0.01	< 10	< 10	65	< 10	614		
24818	04139402	0.01	55	34 < 0.01	120	260	12	3.90	20	< 1	23 < 0.01	< 10	< 10	90	< 10	938		
24819	04139402	0.01	50	27 < 0.01	103	130	6	1.99	12	< 1	11 < 0.01	< 10	< 10	85	< 10	1300		
24820	04139402	0.01	55	36 < 0.01	136	110	10	2.54	12	< 1	11 < 0.01	< 10	< 10	82	< 10	1130		
24821	04139402	0.02	70	50 < 0.01	157	430	10	3.91	16	1	28 < 0.01	< 10	< 10	76	< 10	880		
24822	04139402	0.03	60	3 < 0.01	58	3170	10	4.08	10	2	86 < 0.01	< 10	< 10	100	< 10	272		
24823	04139402	0.03	50	16 < 0.01	91	1220	8	4.25	12	1	38 < 0.01	< 10	< 10	100	< 10	374		
24824	04139402	0.01	55	28 < 0.01	108	160	8	2.02	8	< 1	13 < 0.01	< 10	< 10	68	< 10	744		
24825	04139402	0.02	50	14 < 0.01	80	1880	8	3.66	8	1	59 < 0.01	< 10	< 10	108	< 10	596		
24826	04139402	0.02	60	18 < 0.01	95	1190	12	3.83	6	1	42 < 0.01	< 10	< 10	107	< 10	758		
24827	04139402	0.03	50	24 < 0.01	108	4040	10	4.06	6	3	142 < 0.01	< 10	< 10	122	< 10	408		
24828	04139402	0.01	65	45 < 0.01	119	90	10	3.99	8	< 1	11 < 0.01	< 10	< 10	48	< 10	226		
24829	04139402	0.01	90	33 < 0.01	103	340	10	3.59	10	< 1	19 < 0.01	< 10	< 10	101	< 10	764		
24830	04139402	0.03	125	24 < 0.01	106	2710	12	6.42	14	2	67 < 0.01	< 10	< 10	213	< 10	814		
24831	04139402	0.02	105	33 < 0.01	124	1820	14	3.73	10	3	64 < 0.01	< 10	< 10	137	< 10	844		
24832	04139402	0.03	65	24 < 0.01	87	2560	16	4.97	10	2	89 < 0.01	< 10	< 10	94	< 10	374		
24833	04139402	0.01	50	34 < 0.01	137	120	10	2.93	4	< 1	18 < 0.01	< 10	< 10	104	< 10	686		
24834	04139402	0.01	90	32 < 0.01	109	140	14	6.04	14	1	10 < 0.01	< 10	< 10	18	< 10	218		
24835	04139402	0.03	65	30 < 0.01	105	3430	10	3.95	10	1	36 < 0.01	< 10	< 10	56	< 10	346		
24836	04139402	0.05	40	8 < 0.01	82	7280	10	2.63	4	2	58 < 0.01	< 10	< 10	60	< 10	336		
24837	04139402	0.14	135	24 < 0.01	92	2740	8	2.32	10	1	31 < 0.01	< 10	< 10	132	< 10	1370		
24838	04139402	0.09	75	16 < 0.01	91	2370	14	2.35	8	1	24 < 0.01	< 10	< 10	82	< 10	712		
24839	04139402	0.07	80	12 < 0.01	75	2720	18	2.85	8	1	37 < 0.01	< 10	< 10	101	< 10	796		
24840	04139402	0.03	60	20 < 0.01	94	1520	14	3.25	10	1	35 < 0.01	< 10	< 10	104	< 10	976		
24841	04139402	0.03	60	20 < 0.01	91	1460	14	3.19	12	1	35 < 0.01	< 10	< 10	99	< 10	994		
24842	04139402	0.03	45	28 < 0.01	140	3910	18	4.52	12	2	50 < 0.01	< 10	< 10	102	< 10	734		
24843	04139402	0.77	305	29 < 0.03	134	1700	24	5.29	12	4	40 < 0.01	< 10	< 10	161	< 10	700		
24844	04139402	0.11	75	7 < 0.01	33	310	18	2.12	< 2	1	14 < 0.01	< 10	< 10	10	< 10	104		
24845	04139402	0.27	110	3 < 0.01	25	290	16	2.01	< 2	1	14 < 0.01	< 10	< 10	7	< 10	74		
24846	04139402	0.48	195	4 < 0.01	26	160	16	2.05	< 2	1	15 < 0.01	< 10	< 10	7	< 10	78		
24847	04139402	0.33	145	5 < 0.01	27	120	20	2.82	< 2	1	17 < 0.01	< 10	< 10	9	< 10	120		
24848	04139402	0.16	75	6 < 0.01	58	160	32	5.92	< 2	1	18 < 0.01	< 10	< 10	9	< 10	148		
24849	04139402	0.09	35	< 1 < 0.01	38	260	14	2.58	< 2	1	21 < 0.01	< 10	< 10	4	< 10	72		
24850	04139402	0.50	200	1 < 0.01	24	270	12	2.91	< 2	3	22 < 0.01	< 10	< 10	8	< 10	54		
391001	04139402	4.75	9930	10 < 0.01	43	90	16	5.81	< 2	5	344 < 0.01	< 10	< 10	14	< 10	68		
391002	04139402	0.08	215	1 < 0.01	55	300	48	10.00	4	< 1	11 < 0.01	< 10	< 10	10	< 10	296		
391003	04139402	0.06	90	< 1 < 0.01	32	510	22	10.00	4	< 1	18 < 0.01	< 10	< 10	7	< 10	142		
391004	04139402	0.03	95	1 < 0.01	30	230	6	1.95	< 2	< 1	11 < 0.01	< 10	< 10	8	< 10	154		
391005	04139402	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

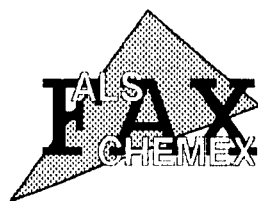
A0220836

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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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:

HLSCHEMEX LABS Alpha-FAZ2

PAGE 006



ALS Chemex

Aurora Laboratory Services Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver

British Columbia, Canada V7J 2G1

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	94139402	0.04	125	4 < 0.01		46	290	44 >10.00	8	< 1	12 < 0.01	< 10	< 10	16	< 10	172		
391007	94139402	0.08	145	3 < 0.01		40	1430	16 4.14	2	1	112 < 0.01	< 10	< 10	11	< 10	94		
391008	94139402	0.91	315	1 0.01		73	160	48 >10.00	4	4	99 < 0.01	< 10	< 10	11	< 10	440		
391009	94139402	0.83	515	2 0.01		95	170	42 >10.00	6	1	101 < 0.01	< 10	< 10	8	< 10	962		
391010	94139402	1.06	290	1 0.01		37	200	24 5.69	2	3	108 < 0.01	< 10	< 10	8	< 10	324		
391011	94139402	1.86	350	1 0.01		45	980	22 >10.00	4	4	235 < 0.01	< 10	< 10	7	< 10	72		
391012	94139402	0.29	90	1 0.01		31	290	20 >10.00	< 2	1	51 < 0.01	< 10	< 10	4	< 10	50		
391013	94139402	0.53	190	3 0.01		135	500	118 >10.00	6	< 1	113 < 0.01	< 10	< 10	3	< 10	280		
391014	94139402	0.25	55	1 0.01		41	250	54 >10.00	< 2	< 1	26 < 0.01	< 10	< 10	3	< 10	192		
391015	94139402	0.09	25	1 0.01		35	160	82 >10.00	< 2	< 1	3 < 0.01	< 10	< 10	1	< 10	132		
391016	94139402	0.41	320	6 < 0.01		77	1190	22 3.94	8	1	81 < 0.01	< 10	< 10	55	< 10	336		
391017	94139402	1.54	3520	3 < 0.01		92	290	772 2.24	242	2	156 < 0.01	< 10	< 10	12	< 10	2280		
391018	94139402	0.75	1535	12 < 0.01		127	410	202 1.02	80	1	123 < 0.01	< 10	< 10	43	< 10	2600		
391019	94139402	0.63	450	54 < 0.01		152	1340	132 >10.00	64	< 1	147 < 0.01	< 10	< 10	20	134	< 10	1820	
391020	94139402	0.84	295	9 < 0.01		81	1480	30 6.83	42	4	169 < 0.01	< 10	< 10	31	< 10	704		
391021	94139402	0.09	515	14 < 0.01		198	250	100 >10.00	14	< 1	9 < 0.01	< 10	< 10	5	< 10	960		
391022	94139402	0.11	60	1 < 0.01		63	1220	32 >10.00	2	1	54 < 0.01	< 10	< 10	12	< 10	174		
391023	94139402	0.06	120	1 < 0.01		59	520	24 9.74	6	< 1	22 < 0.01	< 10	< 10	6	< 10	278		
391024	94139402	0.56	190	22 < 0.01		239	450	12 1.40	278	< 1	86 < 0.01	< 10	< 10	568	< 10	940		
391025	94139402	3.04	2950	1 0.01		81	490	46 >10.00	6	20	348 < 0.01	< 10	< 10	9	< 10	186		
391026	94139402	2.22	535	< 1 0.01		20	390	20 7.16	< 2	9	239 < 0.01	< 10	< 10	10	< 10	140		
391027	94139402	0.33	85	1 0.01		104	230	46 >10.00	< 2	< 1	35 < 0.01	< 10	< 10	5	< 10	132		
391028	94139402	1.50	390	1 0.01		76	130	20 9.73	2	5	193 < 0.01	< 10	< 10	10	< 10	132		
391029	94139402	0.05	35	2 < 0.01		44	620	72 >10.00	10	< 1	28 < 0.01	< 10	< 10	4	< 10	262		
391030	94139402	1.07	340	4 0.01		85	1400	22 0.19	< 2	2	15 < 0.01	< 10	< 10	82	< 10	236		
391031	94139402	0.36	65	36 0.01		117	2780	20 0.42	< 2	1	7 < 0.01	< 10	< 10	83	< 10	158		
391032	94139402	4.29	575	4 0.03		115	560	26 1.73	4	19	17 0.09	< 10	< 10	306	< 10	2260		
391601	94139402	1.10	480	< 1 0.01		30	120	20 7.72	< 2	3	17 < 0.01	< 10	< 10	9	< 10	62		
391602	94139402	0.65	200	< 1 0.01		33	240	14 4.91	< 2	3	28 < 0.01	< 10	< 10	8	< 10	74		
391603	94139402	0.61	180	< 1 0.01		36	160	10 1.35	< 2	3	33 < 0.01	< 10	< 10	6	< 10	42		
391604	94139402	0.28	70	< 1 0.02		19	190	10 0.81	< 2	1	39 < 0.01	< 10	< 10	5	< 10	36		
391605	94139402	0.13	40	< 1 0.02		23	170	14 1.74	< 2	1	25 < 0.01	< 10	< 10	6	< 10	58		
391606	94139402	0.18	50	2 0.01		25	160	16 1.96	< 2	1	31 < 0.01	< 10	< 10	5	< 10	48		
391607	94139402	0.15	50	2 0.02		24	230	20 2.25	< 2	1	29 < 0.01	< 10	< 10	5	< 10	68		
391608	94139402	0.27	95	3 0.02		28	210	20 2.09	< 2	1	31 < 0.01	< 10	< 10	6	< 10	80		
391609	94139402	0.20	65	3 0.01		28	170	28 4.13	< 2	1	27 < 0.01	< 10	< 10	5	< 10	50		
391610	94139402	0.23	70	1 0.02		28	120	16 3.44	< 2	1	29 < 0.01	< 10	< 10	6	< 10	34		
391611	94139402	0.27	110	2 0.02		25	230	20 2.64	< 2	1	36 < 0.01	< 10	< 10	4	< 10	48		
391612	94139402	0.38	175	2 0.02		39	270	20 3.39	< 2	1	42 < 0.01	< 10	< 10	5	< 10	164		
391613	94139402	0.23	90	< 1 0.02		27	160	16 0.66	< 2	1	33 < 0.01	< 10	< 10	5	< 10	28		

CERTIFICATION:



ALS Chemex

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-A

Total Pages : 5

Certificate Date: 07-AUG-02

Invoice No. : 10220836

P.O. Number :

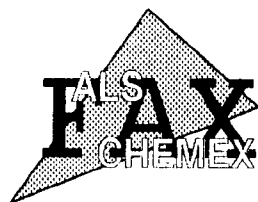
Account : QJD

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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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

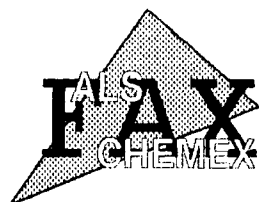
A0220836

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	04130402	0.33	135	1	0.03	18	220	14	0.80	2	1	30	0.01	10	10	5	10	46
391615	04130402	0.34	165	1	0.02	23	160	24	2.79	2	1	28	0.01	10	10	5	10	60
391616	04130402	0.22	95	1	0.02	14	250	14	0.45	2	1	29	0.01	10	10	5	10	54
391617	04130402	0.25	135	3	0.02	24	290	16	0.50	2	3	29	0.01	10	10	5	10	50
391618	04130402	0.42	275	1	0.02	19	220	22	2.11	2	1	29	0.01	10	10	5	10	58
391619	04130402	0.45	275	1	0.02	29	240	18	3.45	2	2	33	0.01	10	10	5	10	86
391620	04130402	0.62	405	39	0.01	99	710	8	5.58	16	7	84	0.01	10	10	62	10	332
391621	04130402	0.01	65	11	0.01	86	1450	4	10.00	16	1	144	0.01	10	10	100	10	462
391622	04130402	0.01	30	63	0.01	150	250	8	2.42	8	1	35	0.01	10	10	84	10	564
391623	04130402	0.01	25	46	0.01	135	210	10	2.33	8	1	27	0.01	10	10	68	10	250
391624	04130402	0.01	30	68	0.01	158	190	12	2.90	10	1	59	0.01	10	10	82	10	906
391625	04130402	0.01	25	79	0.01	180	140	8	3.57	10	1	32	0.01	10	10	85	10	436
391626	04130402	0.01	30	92	0.01	191	230	12	2.85	10	1	72	0.01	10	10	101	10	672
391627	04130402	0.01	40	23	0.01	84	290	6	1.63	4	1	43	0.01	10	10	66	10	776
391628	04130402	0.01	30	52	0.01	157	160	10	3.42	6	1	12	0.01	10	10	51	10	492
391629	04130402	0.01	45	43	0.01	128	320	10	3.10	6	1	25	0.01	10	10	69	10	1185
391630	04130402	0.01	20	67	0.01	163	200	16	4.50	10	1	15	0.01	10	10	55	10	334
391631	04130402	0.01	20	27	0.01	108	230	6	2.19	4	1	25	0.01	10	10	61	10	200
391632	04130402	0.01	25	50	0.01	155	440	10	4.27	6	1	76	0.01	10	10	53	10	422
391633	04130402	0.01	45	83	0.01	228	170	16	8.15	6	1	15	0.01	10	10	39	10	634
391634	04130402	0.07	155	4	0.01	45	160	18	5.38	2	1	12	0.01	10	10	5	10	118
391635	04130402	0.21	530	1	0.01	44	150	18	7.11	2	1	15	0.01	10	10	4	10	110
391636	04130402	0.66	395	1	0.01	31	240	16	3.81	2	3	46	0.01	10	10	7	10	102
391637	04130402	3.45	945	1	0.05	25	190	12	4.82	2	4	99	0.01	10	10	13	10	104
391638	04130402	1.53	475	1	0.03	28	140	12	3.95	2	3	70	0.01	10	10	7	10	106
391639	04130402	4.38	1585	1	0.06	21	180	6	4.24	2	5	152	0.01	10	10	14	10	62
391640	04130402	0.97	565	1	0.02	25	100	12	3.42	2	3	30	0.01	10	10	6	10	96
391641	04130402	0.62	230	1	0.01	22	410	10	2.72	2	1	38	0.01	10	10	5	10	78
391642	04130402	0.31	125	1	0.01	22	730	14	1.95	2	1	34	0.01	10	10	5	10	116
391643	04130402	0.02	40	3	0.01	23	490	26	2.45	2	1	25	0.01	10	10	4	10	178
391644	04130402	0.04	20	1	0.01	18	280	16	1.12	2	1	28	0.01	10	10	6	10	126
391645	04130402	0.05	25	3	0.01	41	150	52	3.05	2	1	19	0.01	10	10	6	10	184
391646	04130402	0.06	25	1	0.01	12	170	10	1.18	2	1	23	0.01	10	10	6	10	110
391647	04130402	0.20	65	1	0.01	24	150	18	1.77	2	1	24	0.01	10	10	6	10	144
391648	04130402	0.12	40	1	0.01	35	140	42	3.53	2	1	19	0.01	10	10	5	10	160
391649	04130402	0.12	55	1	0.01	26	140	22	2.60	2	1	19	0.01	10	10	5	10	118
391650	04130402	0.15	85	1	0.01	29	80	34	5.87	2	1	13	0.01	10	10	4	10	130
391651	04130402	0.31	95	1	0.01	33	70	24	3.25	2	1	15	0.01	10	10	5	10	108
391652	04130402	0.15	105	1	0.01	33	160	32	4.16	2	1	19	0.01	10	10	4	10	118
391653	04130402	0.45	295	1	0.01	32	50	28	6.64	2	1	60	0.01	10	10	5	10	82

CERTIFICATION:

MANSON CREEK RESOURCES LTD.

PHONE 509



ALS Chemex

Aurora Laboratory Services Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver

British Columbia, Canada

PHONE: 604-984-0221 FAX: 604-984-0218

V7J 2C1

To: MANSON CREEK RESOURCES LTD.

SUITE 500 - 926 - 5TH AVE. SW

CALGARY, AB

T2P 0N7

Project: YUKON

Comments: ATTN: JEAN-PIERE JUTRAS

Page Number : 5-A

Total Pages : 5

Certificate Date: 07-AUG-02

Invoice No. : 10220836

P.O. Number :

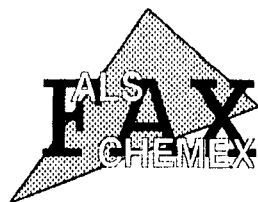
Account : QJD

CERTIFICATE OF ANALYSIS

A0220836

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
391654	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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	04139402	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 - 026 - 5TH AVE. SW

CALGARY, AB

T2P 0N7

Project: YUKON

Comments: ATTN: JEAN-PIERE JUTRAS

Page Number :5-8

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	04139402	0.29	220	1	0.01	31	110	18	3.29	< 2	1	17	< 0.01	< 10	< 10	5	< 10	110
391655	04139402	0.07	135	1	0.01	26	320	24	2.67	< 2	1	26	< 0.01	< 10	< 10	6	< 10	168
391656	04139402	0.05	55	< 1	0.01	14	90	10	0.65	< 2	< 1	16	< 0.01	< 10	< 10	4	< 10	78
391657	04139402	0.08	70	1	0.01	21	350	18	0.89	< 2	< 1	34	< 0.01	< 10	< 10	5	< 10	140
391658	04139402	0.13	90	1	0.01	29	220	52	1.11	2	1	27	< 0.01	< 10	< 10	5	< 10	264
391659	04139402	0.03	35	< 1	0.01	11	120	4	0.29	< 2	1	21	< 0.01	< 10	< 10	7	< 10	102
391660	04139402	0.02	35	1	0.01	18	110	26	2.18	< 2	1	17	< 0.01	< 10	< 10	6	< 10	298
391661	04139402	0.06	120	1	0.01	33	70	30	4.14	2	1	11	< 0.01	< 10	< 10	4	< 10	168
391662	04139402	0.06	180	< 1	0.01	26	120	48	3.35	< 2	1	12	< 0.01	< 10	< 10	4	< 10	214
391663	04139402	0.06	190	< 1	0.01	27	70	38	5.07	< 2	< 1	11	< 0.01	< 10	< 10	4	< 10	244
391664	04139402	0.07	90	< 1	0.01	38	80	34	3.69	< 2	1	13	< 0.01	< 10	< 10	5	< 10	246
391665	04139402	0.30	180	1	0.01	33	60	24	2.10	< 2	4	19	< 0.01	< 10	< 10	7	< 10	110
391666	04139402	0.33	245	< 1	0.01	19	70	14	0.92	< 2	1	57	< 0.01	< 10	< 10	5	< 10	70
391667	04139402	1.36	965	< 1	0.01	19	50	14	1.65	< 2	2	163	< 0.01	< 10	< 10	6	< 10	80
391668	04139402	0.49	445	< 1	0.02	24	30	6	2.46	< 2	2	80	< 0.01	< 10	< 10	6	< 10	102
391669	04139402	0.58	530	1	0.03	42	70	22	3.74	< 2	6	60	< 0.01	< 10	< 10	10	< 10	110
391670	04139402	0.27	95	< 1	0.02	33	50	14	4.03	< 2	2	26	< 0.01	< 10	< 10	6	< 10	78
391671	04139402	0.93	1040	< 1	0.03	38	80	12	5.29	< 2	4	65	< 0.01	< 10	< 10	7	< 10	106
391672	04139402	0.52	640	< 1	0.03	29	70	10	1.60	< 2	3	46	< 0.01	< 10	< 10	5	< 10	118
391673	04139402	0.28	160	1	0.03	42	70	16	3.33	< 2	1	25	< 0.01	< 10	< 10	5	< 10	80
391674	04139402	0.70	695	1	0.02	34	50	18	2.77	< 2	2	43	< 0.01	< 10	< 10	8	< 10	86
391675	04139402	0.74	845	< 1	0.02	37	30	14	4.57	< 2	2	125	< 0.01	< 10	< 10	5	< 10	160
391676	04139402	0.26	235	< 1	0.02	48	50	22	5.18	< 2	1	46	< 0.01	< 10	< 10	4	< 10	88
391677	04139402	0.59	505	< 1	0.02	18	30	2	1.10	< 2	2	101	< 0.01	< 10	< 10	3	< 10	58
391678	04139402	0.25	320	< 1	0.01	45	30	20	2.43	< 2	3	56	< 0.01	< 10	< 10	4	< 10	134
391679	04139402	0.27	270	< 1	0.01	40	40	14	2.24	< 2	3	64	< 0.01	< 10	< 10	4	< 10	154
391680	04139402	0.21	190	5	0.01	51	70	12	3.25	< 2	3	63	< 0.01	< 10	< 10	16	< 10	228
391681	04139402	0.06	40	< 1	0.01	37	90	< 2	9.97	2	1	8	< 0.01	< 10	< 10	4	< 10	78
391682	04139402	0.04	30	< 1	0.01	59	80	14	4.25	< 2	1	11	< 0.01	< 10	< 10	3	< 10	88
391683	04139402	0.03	40	< 1	0.01	32	90	10	2.02	< 2	1	13	< 0.01	< 10	< 10	5	< 10	82
391684	04139402	0.01	40	1	0.01	21	70	8	2.28	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	32
391685	04139402	0.02	50	13	< 0.01	81	80	14	4.06	6	3	8	< 0.01	< 10	< 10	25	< 10	140
391686	04139402	0.01	35	11	< 0.01	76	90	2	1.64	< 2	3	21	0.03	< 10	< 10	245	< 10	212
391687	04139402	< 0.01	25	10	< 0.01	86	190	4	2.00	< 2	2	26	< 0.01	< 10	< 10	119	< 10	182
391688	04139402	< 0.01	25	17	< 0.01	71	120	12	3.18	< 2	1	17	< 0.01	< 10	< 10	24	< 10	118
391689	04139402	0.01	30	14	< 0.01	140	180	8	3.10	< 2	2	17	< 0.01	< 10	< 10	58	< 10	216
391690	04139402	0.51	175	10	< 0.01	79	40	6	1.65	< 2	2	88	< 0.01	< 10	< 10	30	< 10	154
391691	04139402	0.51	140	11	< 0.01	77	100	6	2.35	< 2	4	52	< 0.01	< 10	< 10	42	< 10	172
391692	04139402	0.05	40	12	< 0.01	109	80	8	2.60	< 2	2	23	< 0.01	< 10	< 10	37	< 10	190
391693	04139402	0.17	75	12	< 0.01	93	110	6	2.38	< 2	3	70	< 0.01	< 10	< 10	61	< 10	178

CERTIFICATION:

ALS-CHEMEX LABS H13PNA-FH42

PAGE 011

**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

THE MANSON CREEK RESOURCES LTD.

500 - 926 5TH AVE. S.W.

CALGARY AB T2P 0N7

Page #: 1

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

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

Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

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
Sample Description															
24551	0.84	<0.2	0.28	11	<10	40	<0.5	4	5.46	<0.5	29	264	67	2.11	<10
24552	0.52	0.2	0.25	12	<10	60	<0.5	5	5.38	<0.5	37	266	118	2.31	<10
24553	1.06	0.4	1.79	2	<10	20	<0.5	<2.00	0.75	1.0	19	228	580	2.43	<10
24554	0.80	3.5	1.94	20	<10	<10.0	<0.5	4	0.68	10.4	33	218	865	3.67	<10
24555	0.92	1.8	1.10	<2	<10	<10.0	0.6	<2.00	0.75	0.7	50	19	395	4.12	<10
24556	1.26	1.1	0.14	757	<10	430	<0.5	<2.00	0.05	4.0	1	85	39	1.50	<10
24557	1.24	5.9	0.14	831	<10	260	<0.5	<2.00	0.04	6.6	3	81	66	1.29	<10
24601	0.82	0.4	0.61	9	<10	40	1.0	<2.00	0.25	<0.5	7	64	19	1.28	<10
24602	0.96	0.7	0.64	77	<10	10	1.3	<2.00	0.62	<0.5	11	53	237	3.48	<10
24603	1.38	<0.2	1.74	<2	<10	20	<0.5	<2.00	0.04	<0.5	22	41	432	3.25	10
24604	1.58	2.3	0.27	6	<10	<10.0	<0.5	6	0.19	<0.5	352	92	4780	>15.0	<10
24605	0.66	8.5	0.34	2	<10	20	<0.5	<2.00	0.07	3.3	26	80	2630	2.09	<10
24701	1.14	0.8	1.03	6	10	70	<0.5	<2.00	0.17	<0.5	80	983	41	3.63	<10
24702	0.66	1.1	0.16	3	50	470	<0.5	3	0.08	<0.5	82	485	11	3.37	<10
24703	1.18	4.2	0.15	728	<10	190	<0.5	<2.00	0.09	30.1	3	35	40	1.56	<10
24704	1.28	6.5	0.26	940	10	60	<0.5	7	1.34	6.3	4	40	66	4.25	<10
24705	1.86	>100	0.10	9530	<10	40	<0.5	<2.00	0.39	4.3	2	78	1070	5.05	<10
24706	1.70	6.1	0.33	400	10	60	<0.5	<2.00	0.18	8.1	10	28	97	3.62	<10
24707	1.06	3.5	0.33	1355	<10	240	<0.5	4	0.61	34.5	3	44	107	4.18	<10
24708	0.74	2.9	0.12	512	<10	240	<0.5	4	0.57	10.5	1	63	42	1.45	<10
24709	1.70	3.7	0.10	442	<10	160	<0.5	<2.00	0.02	0.6	1	73	39	0.79	<10
24710	1.84	21.4	0.15	363	<10	300	<0.5	<2.00	0.04	3.0	3	54	120	1.12	<10
24711	1.02	1.1	0.13	165	<10	160	<0.5	<2.00	0.17	3.0	3	65	16	1.28	<10
24712	1.14	2.3	0.12	94	<10	200	<0.5	<2.00	0.22	3.2	1	71	15	1.20	<10
24713	1.60	4.0	0.12	167	<10	220	<0.5	<2.00	0.05	3.8	1	68	15	0.68	<10
24714	1.62	4.7	0.15	112	<10	250	<0.5	<2.00	0.27	10.7	1	86	64	0.95	<10
24715	0.70	>100	0.09	>10000	<10	40	<0.5	<2.00	0.03	18.6	1	101	146	0.57	<10
24716	0.94	3.0	0.04	>10000	<10	10	<0.5	7	0.02	2.1	<1	77	21	14.85	<10
24951	0.70	2.4	0.31	81	10	160	<0.5	<2	0.96	7.0	5	70	99	1.53	<10
24952	0.36	1.1	0.22	138	<10	130	<0.5	<2	0.11	8.1	5	72	253	1.34	<10
24953	0.56	0.8	0.14	24	<10	100	<0.5	<2	0.16	3.0	3	65	58	1.04	<10
24954	0.70	1.1	0.17	17	<10	120	<0.5	<2	0.18	4.0	2	64	109	0.85	<10
24955	0.54	1.2	0.17	16	<10	120	<0.5	<2	0.26	1.8	2	66	70	0.92	<10
24956	0.84	2.3	0.26	16	10	180	<0.5	<2	1.05	2.1	3	60	78	1.03	<10
24957	0.74	1.5	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	150	<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

MANITOK CREEK RESOURCES LTD.

500 - 926 5TH AVE. S.W.

CALGARY AB T2P 0N7

Page #: 2 - B

Total # of pages : 3 (A - C)

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	697	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	555	5	<0.01	102	440	10	1.47	2	1	21	<0.01
24962		<1	0.06	<10	0.23	755	2	<0.01	67	160	4	0.41	<2	<1	13	<0.01



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

MAXIM CRUST RESOURCES LTD.
500 - 926 5TH AVE. S.W.
CALGARY AB T2P 0N7

Page #: 2 - C
Total # of pages : 3 (A - C)
Date : 12-Nov-2002
Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA26	Ag-AA46	Pb-AA46
		Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.01	Ag ppm 1	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	150	>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	234	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 Inc.

212 Brookbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

10: MASON CREEK RESOURCES LTD.

500 - 926 5TH AVE. S.W.

CALGARY AB T2P 0N7

Page #: 3 - 7

Total # of pages : 3 (A - C)

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
24963		0.82	0.6	0.06	9	<10	150	<0.5	<2	0.18	29.8	9	102	17	2.15	10
24964		0.58	3.3	0.26	49	<10	40	<0.5	<2	0.28	20.1	16	88	78	5.62	10
24965		0.70	2.6	0.25	30	10	130	<0.5	<2	0.23	1.8	5	62	167	1.72	<10
24966		0.50	2.2	0.27	19	10	170	<0.5	<2	1.04	2.4	3	75	171	1.01	<10
24967		0.74	1.7	0.19	21	<10	170	<0.5	<2	0.10	1.6	3	58	141	0.90	<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 Brookbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

16 MANSON CREEK RESOURCES LTD.

500 - 926 5TH AVE. S.W.

CALGARY AB T2P 0N7

Page #: 3 - B

Total # of pages : 3 (A - C)

Date : 12-Nov-2002

Account: QJD

Project : Yukon

CERTIFICATE OF ANALYSIS VA02005140

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

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

10 MANDON CREEK RESOURCES LTD.

500 - 926 5TH AVE. S.W.

CALGARY AB T2P 0N7

Page #: 3 - C

Total # of pages: 3 (A - C)

Date: 12-Nov-2002

Account: QJD

Project: Yukon

CERTIFICATE OF ANALYSIS**VA02005140**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA26	Ag-AA46	Pb-AA46
		Ti	U	V	W	Zn	Au	Ag	Pb
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.01	ppm 1	% 0.01
24963		<10	<10	18	<10	3430	<0.01		
24964		<10	<10	49	<10	3460	0.02		
24965		<10	<10	40	<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	2040	<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

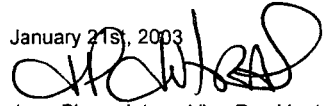
Geologist	6 days @ \$400.00/day	2,400.00
Camp Costs	6 days @ \$118.56/day	711.36
Assays	90 samples @ \$24.00	2,160.00

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

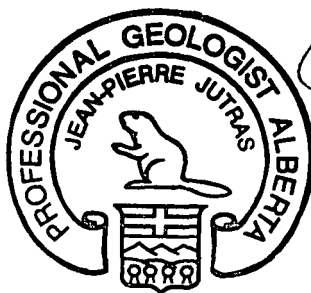
Certificate of Qualifications

STATEMENT OF QUALIFICATIONS

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

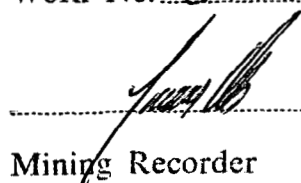
- 1) I am a qualified Geologist having obtained my Bachelor of Sciences (Honors) Degree in Geology at the University of Alberta, Edmonton, Canada in 1991.
- 2) I am a professional practicing geologist registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA).
- 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.

Costs associated with this report have been
approved in the amount of \$ \$50,310⁰⁰
for assessment credit under Certificate of
Work No. Qmco402-403


Mining Recorder
Mayo Mining District