

094823

Geochemical and Prospecting Report on the

A) Walker Fork – UNI 2, 4, 6, 22-28, 60-65

B) Ridge Area – CICI 15, 18, and CREEK 1, 2, 7-10, 11-14, 19-22, 23, 25, 26, 31-38

**C) Poker Creek – CICI 3-6, 14, 16, 25, 27, 44, 46-47 and UNI 10, 12, 38, 40, 46, 47, 49, 54, 56, 58 claims
60 Mile area, Yukon Territory**

by

J. Peter Ross, Prospector

NTS: 116 C/2

Latitude: $64^{\circ} 03' N$

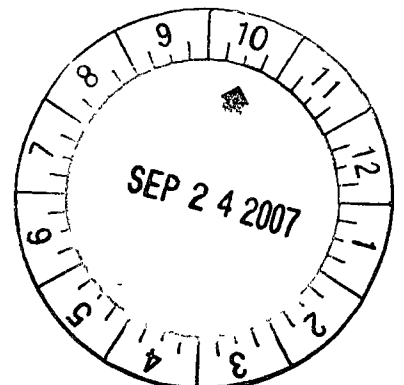
Longitude: $144^{\circ} 55' W$

Dates Worked: August 2-10, 2006,
September 2-16, 2006

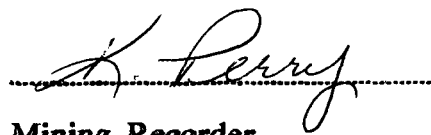
Dated: September 2007

Longitude

$140^{\circ} 55' ?$



Costs associated with this report have been
approved in the amount of \$ 20,300
for assessment credit under Certificate of
work No. 2000835 work order 0645



Mining Recorder
Dawson City Mining District

094823

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 \$ 2300.00.



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

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Chapter One: SUMMARY and RECOMMENDATIONS

1.1 Summary

The CICI (1-34) claims and UNI (1-13) claims were staked and recorded by J P Ross in October 1995. In 1996 Madrona Mining Ltd optioned the claims. In July 1996 Madrona flew an airborne electromagnetic, magnetic and radiometric survey over the claims. In the fall of 1997 Madrona did extensive soil sampling on the claim block. More UNI, CICI and CREEK claims were staked.

In 1999 Kennecott Canada and Madrona (JV) did geochemical surveys, geological mapping and prospecting on the claim group. In 2001 Madrona dropped the option.

- 1 One can drive to the area on a seasonal 2-wheel drive highway (Top of the World Highway).
- 2 Rough mining roads (2 or 4 wheel drive) give access to most of the claim block.
3. The Sixty-Mile gold placer area has in my opinion, (from recorded and estimated production) produced over 600,000 oz. of placer gold and is active today
- 4 Most of the placer gold has come from Miller Creek, Glacier Creek and the Sixty-Mile River.
- 5 The UNI and CICI claims are at the headwaters of Miller and Glacier Creeks.
6. Numerous interesting gold soil anomalies are present. Reference 1999 Kennecott assessment report # 094055 This report describes activity on 3 of those soil anomalies.
7. The Poker Creek anomaly (Kennecott) was 500m x 1000m. Seventy (70) soil samples were taken by J.P. Ross. Results were Au. from 6 to 10 ppb up to 22.6 ppb; As from 50 to 269.9 ppm One of four rock samples was 436.5 ppb Au. Rocks were up to 66.4 ppm Au, 77.6 ppm Sb and 77.6 ppm Bi. J.P. Ross and Hans Algotson staked six new claims in 2006 north of the Poker Creek anomaly
8. The Walker Fork anomaly (Kennecott) was 500m x 500m with gold results up to 800 ppb. Thirty-eight (38) soil samples were taken by J.P. Ross. Results were Au: 4 samples were >100 ppb up to 330.4 ppb, 3 samples 50 to 100 ppb, 11 samples 20 to 50 ppb, 7 samples 10 to 20 ppb and 13 samples less than 10 ppb Au. Results for As: from 120.4 ppm to 1493.6 ppm. Sb: up to 14.1 ppm, Bi: up to 3.3 ppm. Thirteen (13) rock samples were taken. Results were Au: up to 62.6 ppb, As: up to 87.6 ppm, Sb up to 77.6 ppm. J.P. Ross staked six new claims in 2006 to cover the area of the Walker Fork anomaly.
9. The Glacier Ridge anomaly (Kennecott) was small 100m x 100m centered on an old 2m x 2m trench with a float sample that was 2260 ppb Au. J.P. Ross sampled this area to the east and west along the ridge. Eighty-five (85) soil samples were taken.

Glacier Ridge Soil Sample Results

Sample	Au ppb	As ppm	Sb ppm	Sample	Au ppb	As ppm	Sb ppm
110	27.6	31.5		169	27.0	111.4	
111	70.4	75.6		171	17.1	181.9	
112	32.9	51.0		174	13.2	64.6	
113	10.7	36.3		175	18.4	101	
117	15	10.8		176	35.7	167.9	
129	13.2	25.8		177	46.9	94.0	
130	18.5	33.2	3.0	178	17.5	88.5	
158	27.2	22.2		185	11.3	55.8	
160	16.1	119.0	3.9				
161	38.6	486.3	4.4				

1.2 Recommendations

The gold soil anomalies are not explained by float yet. Further work is warranted. The highest priority should be the Walker Fork anomaly with more soil samples and prospecting. Refractory and graphitic samples can limit Au solubility. Future soil samples should all be fire assayed.

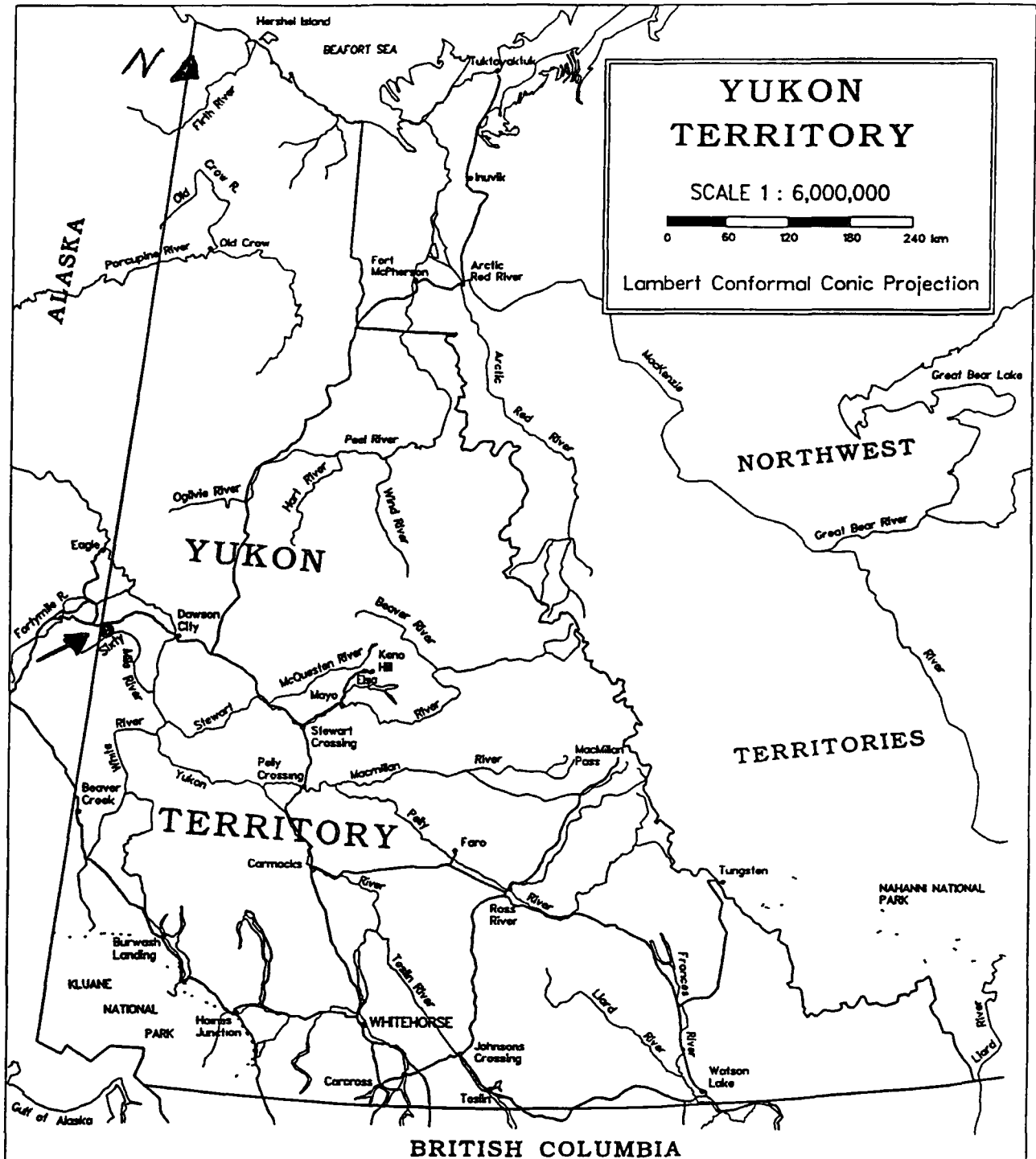


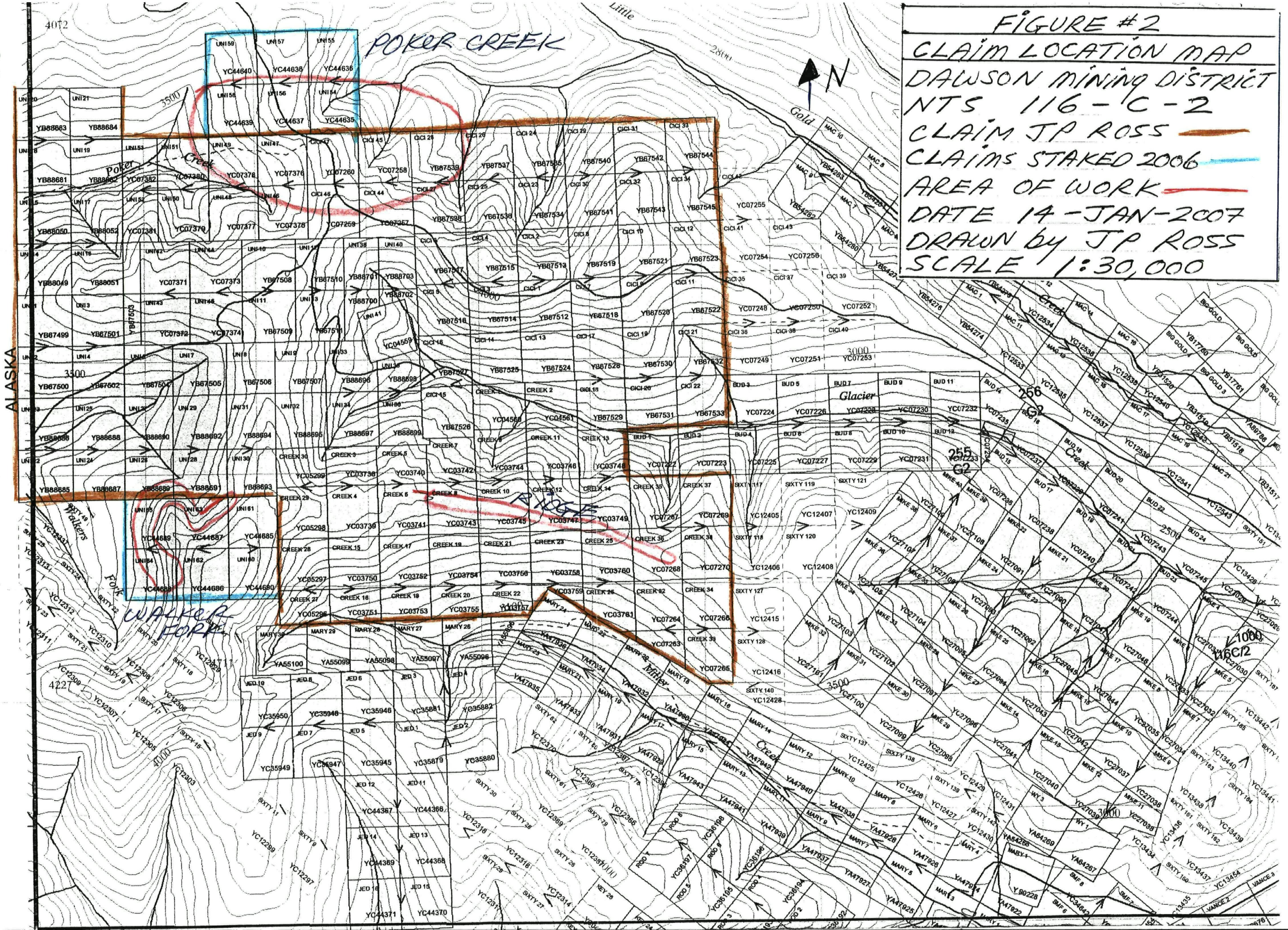
FIGURE #1
LOCATION MAP
60 MILE PROJECT
2006

094823

4072

POKER CREEK

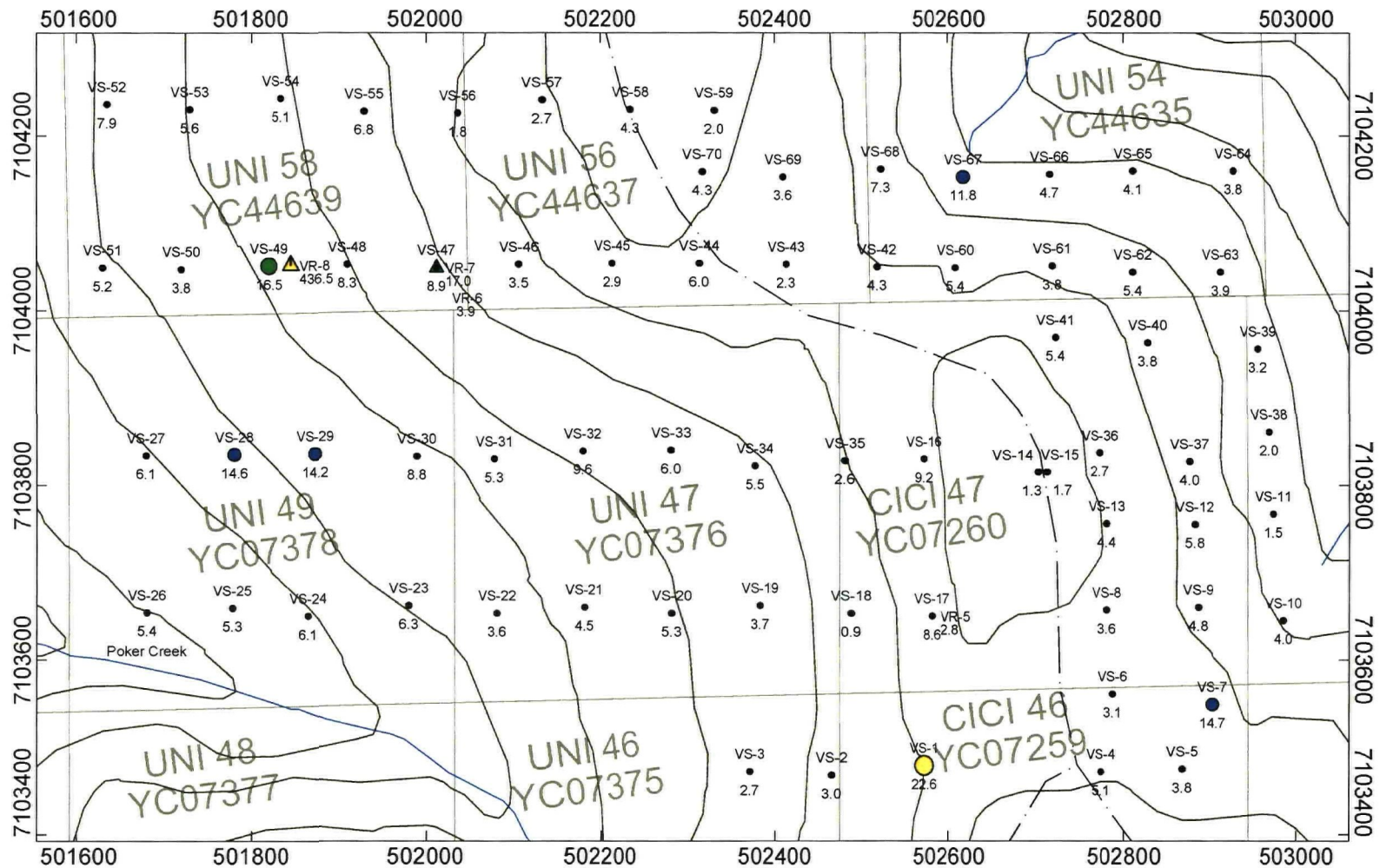
FIGURE #2
 CLAIM LOCATION MAP
 DAWSON MINING DISTRICT
 NTS 116-C-2
 CLAIM JP ROSS
 CLAIMS STAKED 2006
 AREA OF WORK
 DATE 14-JAN-2007
 DRAWN BY JP ROSS
 SCALE 1:30,000



ALASKA

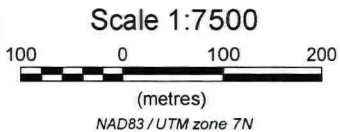
WALKER FORK





Au ppb
 Circle-Soil, Triangle-Rock

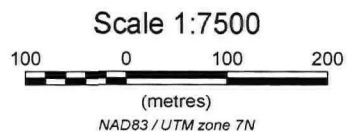
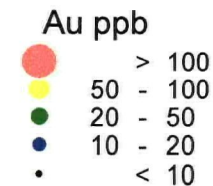
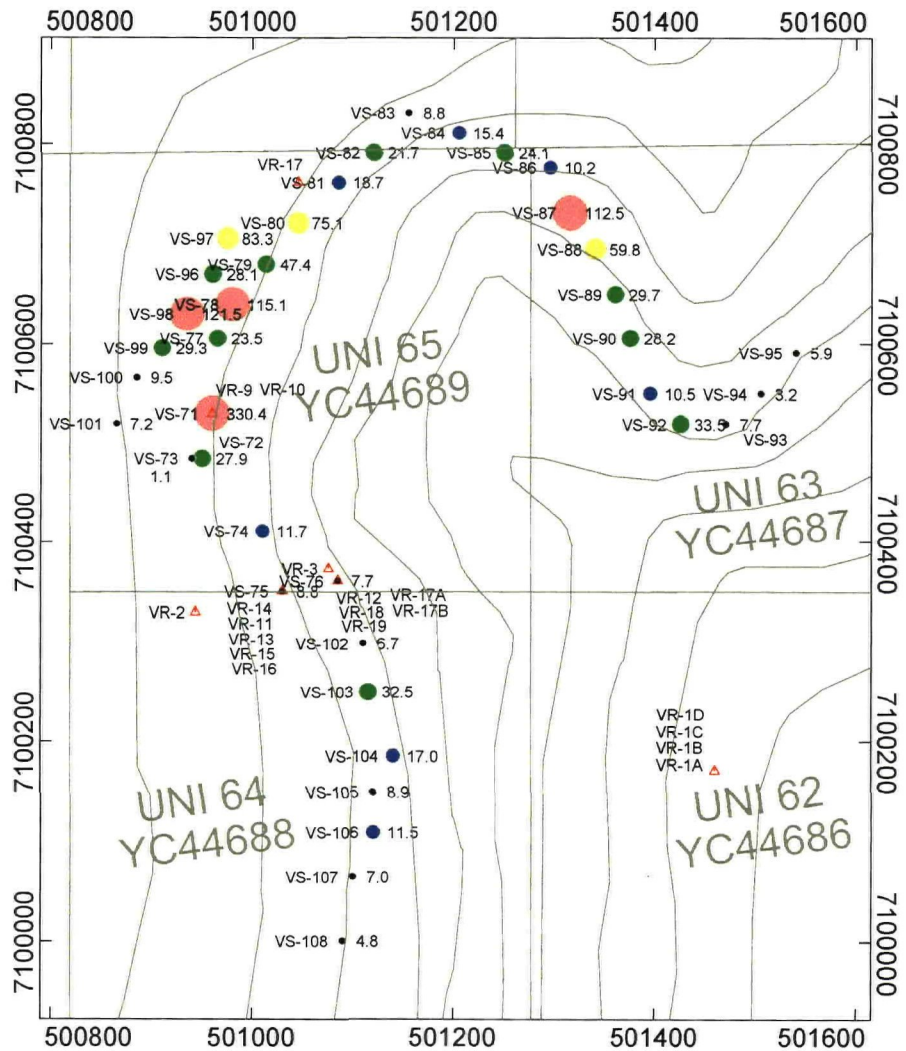
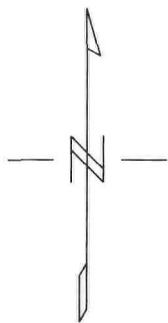
●	> 20
●	15 - 20
●	10 - 15
●	< 10



J.P. Ross

60 Mile Project
Poker Creek Area
Soil and Rock Geochemistry

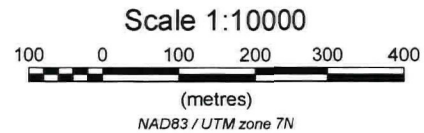
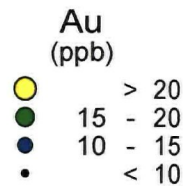
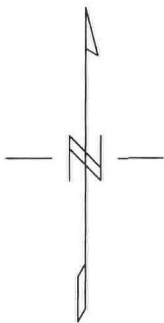
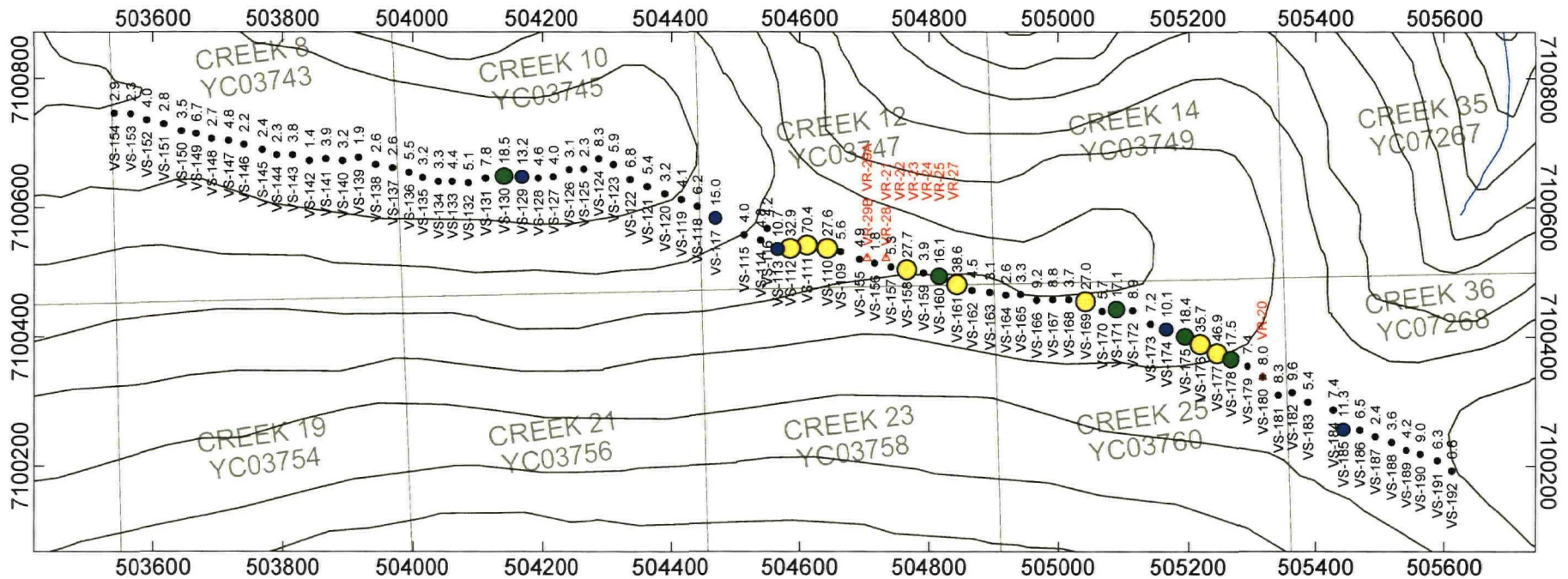
Au ppb
 Figure 3
 September 12, 2007



J.P. Ross

**60 Mile Project
Walker Fork Area
Soil Geochemistry, Rock Sample Location**

Au ppb
Figure 4
September 12, 2007



J.P Ross

**60 Mile Project
Glacier Ridge Area
Soil Geochemistry, Rock Sample Location**

Au ppb
Figure 5
September 12, 2007

Chapter Two: INTRODUCTION

2.1 Introductory Statement

J. Peter Ross prospected and took samples at Poker Creek: 70 soils, 4 rocks; Walker Fork: 38 soils and 13 rocks; Glacier Ridge: 85 soils and 9 rocks.

Dates worked were: Poker Creek: J. Peter Ross – August 2 – 10, September 2 – 9. Glacier Ridge: Walker Fork: J. Peter Ross – September 9 – 16.

Work was done on the following claims. Poker Creek: CICI 44 – 47, YC07257 – YC07260. UNI 46 – 49, YC07375 – YC07378. UNI 54 – YC07635, UNI 56 – YC07637, UNI 58 – YC07639. Walker Fork: UNI 26 – YB88689, UNI 28 – YB88691, UNI 62 – 65, YB44686 – YB44689. Glacier Ridge: Creek 8 – YC03743, Creek 10 – YC03745, Creek 12 – YC03745, Creek 12 – YC03747, Creek 14 – YC03749, Creek 25 – YC03760, Creek 36 – YC07268.

2.2 Location and Access

The UNI, CICI and CREEK claims are approximately 100 km west of Dawson City in the Dawson Mining District. NTS 116 C/2, Latitude 64° 04' N and Longitude 140° 56' W. Access to the claims is from the Top of the World Highway, seasonal and then rough mining roads. Access to Poker Creek area is by rough mining roads from Top of the World Highway. Access to Walker Fork was by helicopter from Glacier Creek or Dawson. In the future J.P. Ross can hike to the lower elevation areas. Access to Glacier Ridge was by helicopter from Dawson.

2.3 History

Geology in the claims area is the Nasina Assemblage.

DMsq	Late Devonian to early Mississippian. Undifferentiated Nasina Assemblage.	Graphitic and non-graphitic micaceous quartzite micaceous phyllite chlorite schist and minor marble
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Kennecott listed 3 other units present.

Ikhdp	Late Cretaceous. Carmacks Group.	Hypabyssal feldspar – hornblende phyric andesitic porphyry
Ikhap	Late Cretaceous. Carmacks Group.	Hypabyssal feldspar – augite hornblende phyric andesitic porphyry
Ikcsi	Late Cretaceous.	Actinolite – pyroxene calc silicate

Chapter Three: GEOCHEMICAL SURVEY and PROSPECTING

3.1 General

All of J.P. Ross sample sites were marked with lathes and aluminum tags. Notes and a GPS location were taken at each site. The soil grid at Poker Creek had a 50m sample spacing, samples were taken between and beyond previous Kennecott samples.

The grid at Walker Fork had approximately 50m sample spacing. There were problems with talus present.

The grid at Glacier Ridge had a sample spacing of 25m. It covered the area of Kennecott's work. The objective was to get more detail for Au.

Soil sample depths were erratic from 0" to 18"; the B-horizon was sampled.

Soil samples were sent to ACME Labs of Vancouver. A 30g sample pulverized and assayed by 30 element ICP-MS.

3.2 Interpretation

I made a mistake by not having soils done by fire assay. ACME warns that refractory and graphitic samples limit Au solubility.

The area is known for coarse gold but has a lot of fine gold as well in valleys and less on benches.

I feel the Walker Fork area was very successful but the Poker Creek and Glacier Ridge were disappointing, but not a 100% failure.

When Mike Marchand was with Madrona Mining Ltd. he thought a little more work would identify drill targets.

Tor Bruland of Cascade Geological Services likes the property. He thinks that panning soils as in Bolivia may work here. J.P. Ross found an old rusted pan on the Madrona soil anomaly. R. Hulstein saw areas old timers had dug up on ridges and panned. Areas accessible to the road would be a good place to do panning. Unglaciated areas can be difficult to sample.

Further exploration is warranted but no plans at present.

Chapter Four: PROPERTY DESCRIPTION

Claim Name	Claim No.	Grant No.	Date Recorded	Expiry Date
CICI	3	YB67514	02/10/1995	31/03/2011
CICI	4	YB67515	02/10/1995	31/03/2011
CICI	5	YB67516	02/10/1995	31/03/2011
CICI	6	YB67517	02/10/1995	31/03/2011
CICI	14	YB67525	02/10/1995	31/03/2010
CICI	15	YB67526	02/10/1995	31/03/2010
CICI	16	YB67527	02/10/1995	31/03/2010
CICI	18	YB67529	02/10/1995	31/03/2010
CICI	25	YB67536	02/10/1995	31/03/2010
CICI	27	YB67538	02/10/1995	31/03/2010
CICI	44	YC07257	05/06/1998	31/03/2010
CICI	46	YC07259	05/06/1998	31/03/2010
CICI	47	YC07260	05/06/1998	31/03/2010
Creek	1	YC04560	02/09/1997	31/03/2012
Creek	2	YC04561	02/09/1997	31/03/2012
Creek	7	YC03742	07/03/1997	31/03/2010
Creek	8	YC03743	07/03/1997	31/03/2010
Creek	9	YC03744	07/03/1997	31/03/2010
Creek	10	YC03745	07/03/1997	31/03/2010
Creek	11	YC03746	07/03/1997	31/03/2010
Creek	12	YC03747	07/03/1997	31/03/2010
Creek	13	YC03748	07/03/1997	31/03/2010
Creek	14	YC03749	07/03/1997	31/03/2010
Creek	19	YC03754	07/03/1997	31/03/2010
Creek	20	YC03755	07/03/1997	31/03/2010
Creek	21	YC03756	07/03/1997	31/03/2010
Creek	22	YC03757	07/03/1997	31/03/2010
Creek	23	YC03758	07/03/1997	31/03/2010
Creek	25	YC03760	07/03/1997	31/03/2010
Creek	26	YC03761	07/03/1997	31/03/2010
Creek	31	YC07263	16/06/1998	31/03/2010
Creek	32	YC07264	16/06/1998	31/03/2010
Creek	33	YC07265	16/06/1998	31/03/2010
Creek	34	YC07266	16/06/1998	31/03/2010
Creek	35	YC07267	16/06/1998	31/03/2010
Creek	36	YC07268	16/06/1998	31/03/2010
Creek	37	YC07269	16/06/1998	31/03/2010
Creek	38	YC07270	16/06/1998	31/03/2010
UNI	2	YB67500	02/10/1995	31/03/2010
UNI	4	YB67502	02/10/1995	31/03/2010
UNI	6	YB67504	02/10/1995	31/03/2009
UNI	10	YB67508	02/10/1995	31/03/2010
UNI	12	YB67510	02/10/1995	31/03/2010
UNI	22	YB88685	22/08/1996	31/03/2010
UNI	23	YB88686	22/08/1996	31/03/2010
UNI	24	YB88687	22/08/1996	31/03/2010
UNI	25	YB88688	22/08/1996	31/03/2010

Chapter Four: PROPERTY DESCRIPTION (con't)

Claim Name	Claim No.	Grant No.	Date Recorded	Expiry Date
UNI	26	YB88689	22/08/1996	31/03/2010
UNI	27	YB88690	22/08/1996	31/03/2010
UNI	28	YB88691	22/08/1996	31/03/2010
UNI	38	YB88701	22/08/1996	31/03/2010
UNI	40	YB88703	22/08/1996	31/03/2010
UNI	46	YC07375	30/06/1998	31/03/2010
UNI	47	YC07376	30/06/1998	31/03/2010
UNI	49	YC07378	30/06/1998	31/03/2010
UNI	54	YC44635	10/07/2006	10/07/2010
UNI	56	YC44637	10/07/2006	10/07/2010
UNI	58	YC44639	10/07/2006	10/07/2010
UNI	60	YC44690	31/07/2006	31/07/2012
UNI	61	YC44685	31/07/2006	31/07/2012
UNI	62	YC44686	31/07/2006	31/07/2012
UNI	63	YC44687	31/07/2006	31/07/2012
UNI	64	YC44688	31/07/2006	31/07/2012
UNI	65	YC44689	31/07/2006	31/07/2012

Appendix 1

References

AERODAT INC., Nov. 1996. Assessment Report #093559 by R.W. Woolham.

Madrona Mining Ltd., April 1998. Assessment Report #093792 by M. Marchand.

Madrona Mining Ltd., Press Releases. 23 January 1997 and March 1997.

Yukon Exploration and Geology 1997, p. 21, 36.

Yukon Exploration and Geology 1999, p. 15.

Kennecott Canada Exploration Inc., Report on the 1999 Geological Geochemical and Geophysical Work on the Sixty Mile Project. December 1999. Assessment Report #094055 by Roger Hulstein and Rick Zuran.

Digital data file. Results of work done in 1999. Kennecott Canada Exploration Inc. and Madrona Mining Ltd. JV.

Personal Communication

Mike Marchand, Madrona Mining Ltd.

Tor Bruland, Cascade Geological Services

Angus Woodsend, supplies auger drilling services for placer exploration

Roger Hulstein, Kennecott Canada geologist (1999 program)

Appendix 2

Yukon Minfile References

MINFILE: 116C 020
PAGE: 1 of 3
UPDATED: 2003/06/03

**YUKON MINFILE
YUKON GEOLOGICAL SURVEY
WHITEHORSE**

MINFILE: 116C 020
NAME: ALASKA
STATUS: ANOMALY
TECTONIC ELEMENT: YUKON-TANANA TERRANE
DEPOSIT TYPE: PLUTONIC RELATED AU

NTS MAP SHEET: 116C\2
LATITUDE: 64° 3' 4" N
LONGITUDE: 140° 59' 45" W

OTHER NAME(S):
MAJOR COMMODITIES:
MINOR COMMODITIES:
TRACE COMMODITIES:

CLAIMS (PREVIOUS & CURRENT)

CICI, CREEK, PK, SIXTY, UNI

WORK HISTORY

Investigated in May/70 by the Dawson Range Joint Venture (Straus Explorations Inc, Martin Marietta Corporation, Molybdenum Corporation of America, Trojan Consolidated Mines and Great Plains Development Corporation of Canada Ltd) following the release of stream sediment geochemical results from samples collected the previous year in Alaska.

* The exact location of the anomaly appears unknown.

R. Beckett staked Pk cl 1-4 (YB54253) in the general area in Sept/95. J.P. Ross surrounded the PK claims on three sides with Uni cl 1-13 (YB67499) in Oct/95. In 1996 Ross optioned the Uni claims and the neighboring Cici claims (Minfile Occurrence #116C 146) to Madrona Mining Ltd. Madrona carried out airborne electromagnetic, magnetic and radiometric surveying over the claim blocks in Jul/96 and staked Uni cl 14-17 (YB88049) in Jun/96 and Uni cl 18-40 (YB88681) in Aug/96 forming a contiguous claim block joining the two occurrences.

In Sep/97 Madrona carried out an extensive soil sampling program over the combined claim block and staked Uni cl 41 (YC04559) to cover ground that had been staked in Jun/96 by S. Moldum as Claim cl 1 (YB88048). In Jun/98 the company staked Cici cl 35-47 (YC07248) to the east, Creek cl 31-38 (YC07263) to the southeast and Uni cl 42-53 (YC07371) to the north covering geochemical anomalies located the previous year which were on open ground.

Following a property visit in Jul/98 Kennecott Canada Exploration Inc optioned the property from Madrona and carried out prospecting, geological mapping, geochemical sampling and gravity surveying that year. Kennecott staked Sixty cl 1-143 (YC12289) to the south in Aug/98. In 1999 after optioning Bud and Mac claims located to the east (Minfile Occurrence # 116C 166) and other claims to the southeast (Minfile Occurrences #116C 019 and 082), from their respective owners, Kennecott carried out prospecting, geochemical sampling and airborne geophysical surveying over their combined claim holding. The following year Kennecott dropped all of its options in the area.

GEOLOGY

The occurrence is located within the Yukon-Tanana Terrane west of Dawson City, Yukon. The region escaped glaciation and thus there is very little exposed outcrop in the area. Preliminary mapping by Madrona Mining Ltd indicates that the occurrence is underlain by Late Devonian (?) to mid-Mississippian Nasina assemblage rocks consisting of quartz carbonaceous and quartz muscovite schist (quartzite). A large unit of Nasina assemblage metavolcanics, exposed in a thrust panel, cuts diagonally northeast-southwest across the neighboring Cici and Creek claim blocks. A Late Cretaceous aged unit of volcanic rock consisting of massive andesitic flows and breccias, that correlates with Carmacks Group volcanics, unconformably overlies the other units in the northeast corner of the Cici claim block.

A stream sediment sampling program by the Alaska Department of National Resources returned anomalous copper (50-180 ppm) and zinc (450-550 ppm) values from streams originating on the Yukon side of the border. No mineralization was found.

The airborne geophysical survey identified 15 anomalies of which 6 are conductive signatures having possible potential for reflecting sulphide mineralization. The interpretation and mineral potential of the anomalies was hampered by the lack of geological mapping and other field observations. Follow-up field investigations were recommended to accurately define the source of the anomalies.

Madrona's soil survey utilized four grids located around the headwaters of Glacier Creek and identified 12 geochemical anomalies of which 5 were base metal anomalies consisting of Zn, +/- Cu and +/- Pb. The remaining 7 anomalies consisted of As +/- Zn, Cu and Pb and occasionally W. The company did not report threshold values but the deep overburden overlying the area masked the response of the survey with the highest Zn result returning 304 ppm. The association of As and occasionally W with many of the anomalies is thought to reflect the possible presence of intrusive-related Au mineralization, although none of the gold results were above the 1 ppm detection limit of the analytical technique used in the testing.

Kennecott's sampling was regional in nature and was completed at a reconnaissance scale across a much larger area encompassing most of their accumulated holdings. The company's program which targeted the gold potential of the area successfully identified five mineralized anomalies, one of which is related to this occurrence.

The Porker Creek anomaly which is located 2.2 km east-northeast of this occurrence location, covers the Porker Creek drainage basin and includes a 500 by 1 000 m gold in soil anomaly. Kennecott identified three different types of mineralization in the area:

- 1) Vein type mineralization in the northeast part of the basin, coincident with the soil anomaly, which is comprised of numerous, predominately east trending, steeply south dipping quartz veinlets containing traces of fine grained disseminated pyrite in locally silicified and/or graphitic, rusty weathering Nasina assemblage quartzites which returned 105 ppb Au from grab samples;
- 2) A second type of vein mineralization, collected as float in the northwestern part of the drainage basin, consisting of quartz vein breccia in silicified quartzite with trace disseminated pyrite and kaolinite clay alteration, samples of which returned up to 270 ppb Au and 203 ppm As;
- 3) Intense bleaching and quartz-pyrite-sericite alteration (metasomatism) of muscovite quartzite in a 5 by 5 m outcrop near the eastern fork of Poker Creek, described by Kennecott as possible VMS style alteration/mineralization, a grab sample of which returned 80 ppb Au and 1.54 ppm Ag.

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MORTENSEN, J.K., 1996. Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16), scale 1:50 000. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1996-1 (G).

YUKON EXPLORATION AND GEOLOGY 1997, p. 21, 36; 1999, p. 15.

Appendix 3

Statement of Costs

Claims: UNI 2, 4, 6, 10, 12, 22-28, 60-65: CICI 15, 18: CREEK 1, 2, 7-10, 11-14, 19-22, 23, 25, 26, 31-38: CICI 3-6, 14, 16, 25, 27, 44, 46-47: UNI 10, 12, 38, 40, 46, 47, 49, 54, 56, 58
 Dates worked: J.P. Ross: August 2-10, September 2-16, 2006

<u>Item</u>	<u>Details</u>	<u>Amount and Unit Cost</u>	<u>Cost</u>
Labour	J.P. Ross	24 days @ \$300/day	\$7,200.00
Camp		24 days @ \$35.00/day	\$840.00
Transportation	Vehicle, self-owned	1,465 km @ 0.55 per km	\$805.75
	Helicopter	1.5 mon. @ \$2,500/mon. @25%	\$937.50
		September 2 - \$1,359.56	
		September 9 - \$1,235.96	
		September 16 - \$1,112.36	\$3,707.88
Assaying	ACME labs	192 soil and 29 rock samples	\$5,241.91
	Sample transport to lab		\$152.36
	Bags, prep, lath, tags, tape	221 samples @ \$2.50 ea.	\$422.00
Report	J.P. Ross		\$1,200.00
	Bob Stirling		\$285.88
		TOTAL COST	\$20,793.28

Twenty thousand seven hundred and ninety-three dollars and twenty eight cents (\$20,793.28)

Three thousand dollars (\$3,000.00) will go towards 5 years of assessment work for the following claims. UNI 60-65. YC44690, YC44685 - YC44689.

Seventeen thousand one hundred dollars (\$17,100) will go towards 3 years of assessment work for the following claims. UNI 2 - YB67500, UNI 4 - YB67502, UNI 22-28: YB88685 - YB88690, UNI 10 - YB67508, UNI 12 - YB67510, UNI 38 - YB88701, UNI 40 - YB88703, UNI 46 - YC07375, UNI 47 - YC07376, UNI 49 - YC07378, UNI 54 - YC44635, UNI 56 - YC44637, UNI 58 - YC44639, CREEK 1 - YC04560, CREEK 2 - YC04561, CREEK 7-14: YC03742 - YC03749, CREEK 19-22: YC03754 - YC03757, CREEK 23 - YC03758, CREEK 25 - YC03760, CREEK 26 - YC03761, CREEK 31-38: YC07263 - YC07270, CICI 3-6: YB67514 - YB67517, CICI 14-16: YB67525 - YB67527, CICI 18 - YB67529, CICI 25 - YB67536, CICI 27 - YB67538, CICI 44 - YC07257, CICI 46 - YC07259, CICI 47 - YC07260.

Two hundred dollars (\$200) will go towards 2 years of assessment work for the following claim. UNI 6 - YB67504.

Appendix 4

Statement of Qualifications

I, John Peter Ross, do hereby certify that I:

1. am a qualified prospector with mailing address;
B1-2002 Centennial Street
Whitehorse, Yukon
Canada Y1A 3Z7
2. graduated from McGill University in 1970 with a B.Sc. General Science
3. have attended and finished completely the following courses;
1974 - BC & Yukon Chamber of Mines, Prospecting Course
1978 - United Keno Hill Mines Limited, Elsa, Yukon, Prospecting Course
1987 - Yukon Chamber of Mines, Advanced Prospecting Course
1991 - Exploration Geochemistry Workshop, GSC Canada
1994 - Diamond Exploration Short Course, Yukon Geoscience Forum
1994 - Yukon Chamber of Mines, Alteration and Petrology for Prospectors
1994 - Applications of Multi-Parameter Surveys (Whitehorse), Ron Shives, GSC
1994 - Drift Exploration in Glaciated and Mountainous Terrain, BCGS
1995 - Applications of Multi-Parameter Surveys, (Vancouver) Ron Shives, GSC
1995 - Diamond Theory and Exploration, Short Course # 20, GSC Canada
1996 - New Mineral Deposit Models of the Cordillera, MDRU
1997 - Geochemical Exploration in Tropical Environments, MDRU
1998 - Metallogeny of Volcanic Arcs, Cordilleran Roundup Short Course
1999 - Volcanic Massive Sulphide Deposits, Cordilleran Roundup Short Course
1999 - Pluton-Related (Thermal Aureole) Gold, Yukon Geoscience Forum
2000 - Sediment Hosted Gold Deposits, MDRU
2001 - Volcanic Processes, MDRU
2002 - Enzyme Leach Course, Actlabs, Cordilleran Roundup
2002 - GPS Introductory Course, Yukon College, Whitehorse
2003 - Gold Vein Deposits, Mineral Exploration Roundup Short Course
2004 - Orogenic Gold Deposits, Yukon Geoscience Forum
2004 - Rocks to Riches, BC Workshop
2005 - Mineral Exploration Roundup, Geophysics Workshop (Magnetics, IP & EM)
2006 - Mineral Exploration Roundup, Uranium short course
4. did all the work and the writing of this report
5. have been on the Yukon Prospectors Assistance and Yukon Mining Incentive Program 1986 – 2002, 2004 – 2006
6. have been on the British Columbia Prospectors' Assistance Program 1989 - 1990, 2001
7. have a 100% interest in the claims described in this report at the present time

John Peter Ross
18/sept/2007

Appendix 5

Soil Sample Geochemistry



GEOCHEMICAL ANALYSIS CERTIFICATE



Ross, John Peter PROJECT 60 mile File # A608238 Page 1
B1 - 2002 Centennial St., Whitehorse YT Y1A 3Z7 Submitted by: John Peter Ross

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.7	2.2	2.9	45	<.1	6.4	4.1	511	1.77	<.5	1.9	.7	3.6	60	<.1	<.1	.1	35	.52	.077	7	76	.61	192	.121	2	1.02	.075	.50	.1	<.01	2.0	.4	<.05	5	<.5
VS 1	2.4	71.0	12.4	132	.2	85.8	22.6	1051	4.69	10.3	1.3	22.6	4.8	14	.6	1.2	.3	64	.11	.067	17	90	1.17	64	.024	1	1.91	.004	.05	.1	.03	3.8	.1	<.05	6	1.2
VS 2	1.4	26.6	9.1	66	.2	27.8	8.7	457	2.63	10.3	.7	3.0	1.0	16	.2	.7	.2	54	.18	.056	10	31	.42	91	.041	1	1.26	.016	.05	.1	.03	1.8	.1	<.05	6	<.5
VS 3	1.1	37.9	11.7	83	.2	40.9	11.3	312	2.90	11.3	1.0	2.7	3.3	16	.2	.6	.2	61	.21	.064	14	58	1.03	115	.040	1	1.98	.007	.05	.2	.03	4.6	.1	<.05	6	.5
VS 4	3.6	56.8	18.3	159	.5	36.5	9.5	285	3.59	16.3	1.5	5.1	1.9	35	.6	.9	.2	50	.09	.083	17	29	.38	85	.020	1	1.30	.005	.07	.2	.05	1.6	.1	<.05	5	1.2
VS 5	2.0	44.3	18.6	145	.2	34.0	17.2	917	3.73	26.1	1.5	3.8	4.7	31	.8	.8	.2	61	.12	.087	21	31	.48	119	.041	2	1.85	.007	.09	.2	.04	3.1	.1	<.05	6	1.2
VS 6	1.6	58.3	11.8	138	.4	76.3	18.2	468	3.60	11.0	1.5	3.1	6.3	23	.5	1.8	.3	66	.25	.077	18	157	1.19	160	.043	1	1.98	.007	.07	.2	.04	6.5	.1	<.05	6	1.0
VS 7	1.7	22.5	11.0	90	.1	22.2	5.8	180	2.12	25.3	.8	14.7	1.0	15	.4	.6	.2	47	.09	.045	13	20	.26	51	.042	2	.86	.010	.04	.1	.02	1.4	.1	<.05	4	.5
VS 8	3.2	57.9	19.1	211	.3	65.4	20.0	863	3.48	12.2	1.8	3.6	4.0	23	1.2	.8	.2	49	.17	.092	25	31	.51	117	.034	1	1.36	.006	.05	.2	.02	2.4	.1	<.05	5	1.2
RE VS 8	3.5	58.7	19.4	212	.3	66.2	20.7	879	3.54	12.8	1.8	1.6	4.2	23	1.3	.8	.2	52	.18	.097	27	32	.52	120	.034	1	1.41	.006	.06	.2	.01	2.5	.1	<.05	5	1.3
VS 9	2.2	38.5	16.3	131	.3	40.8	16.5	1000	3.45	22.8	1.2	4.8	3.2	16	.7	.7	.3	70	.13	.067	13	38	.58	129	.042	1	2.10	.007	.08	.2	.04	3.5	.1	<.05	7	.8
VS 10	1.4	24.1	13.6	105	.1	23.7	8.5	519	2.81	13.7	1.0	4.0	1.6	25	.3	.4	.2	52	.19	.080	16	29	.46	231	.023	1	1.62	.007	.06	.2	.02	2.3	.1	<.05	5	.5
VS 11	2.4	26.7	13.8	71	.3	22.9	6.5	311	3.38	11.2	.8	1.5	1.3	12	.2	.7	.2	69	.06	.050	13	36	.43	74	.034	1	1.74	.006	.05	.2	.04	2.0	.2	<.05	7	.6
VS 12	2.5	40.6	12.3	126	.4	43.2	12.0	537	3.48	13.0	1.4	5.8	2.4	18	.8	.7	.2	61	.16	.085	23	44	.66	114	.039	1	1.66	.006	.05	.2	.04	2.7	.1	<.05	6	.9
VS 13	2.8	44.0	16.3	160	.1	40.0	9.5	359	4.13	11.2	1.5	4.4	4.3	14	.4	.6	.3	72	.08	.081	22	56	.73	114	.022	1	2.62	.005	.06	.2	.03	3.1	.2	<.05	9	1.0
VS 14	1.9	35.1	11.1	92	.1	41.8	15.2	561	3.48	93.9	1.0	1.3	3.5	11	.6	.6	.2	68	.11	.053	18	53	.62	119	.048	1	2.39	.007	.06	.1	.04	3.7	.1	<.05	7	.9
VS 15	1.8	32.3	12.0	77	.1	32.4	10.2	456	3.54	43.6	.8	1.7	1.0	9	.4	.7	.2	68	.09	.052	14	42	.54	70	.041	1	1.88	.006	.06	.1	.05	2.2	.1	<.05	7	.9
VS 16	2.5	70.8	40.8	166	.2	86.1	19.0	606	3.55	261.9	2.0	9.2	5.8	16	.9	1.5	.2	59	.14	.068	31	85	.91	117	.042	1	1.81	.005	.11	.2	.03	3.5	.1	<.05	5	1.5
VS 17	2.4	82.6	15.2	164	.4	75.9	21.1	1721	4.21	7.3	1.4	8.6	9.6	20	.5	1.6	.2	33	.24	.108	20	48	.28	61	.004	<1	.58	.003	.08	.2	.01	3.7	.2	<.05	3	6.2
VS 18	1.5	26.8	7.2	55	.1	24.4	7.1	419	2.07	6.1	.8	.9	.2	11	.2	.4	.2	42	.09	.066	9	37	.37	73	.020	1	1.33	.015	.04	.1	.02	.9	.1	.10	5	.6
VS 19	1.6	65.3	13.4	112	.3	73.7	14.0	591	3.70	37.9	1.6	3.7	5.3	16	.4	.7	.2	72	.24	.083	25	96	1.29	129	.055	1	2.07	.006	.07	.1	.03	6.1	.1	<.05	6	1.0
VS 20	1.2	42.2	11.7	84	.3	36.2	11.2	547	3.05	9.9	1.2	5.3	4.6	22	.3	.7	.2	59	.28	.090	19	43	.77	189	.068	1	1.96	.008	.07	.2	.03	4.9	.1	<.05	6	.5
VS 21	1.3	29.5	20.1	78	.2	26.7	10.2	465	2.80	50.9	1.0	4.5	2.2	15	.3	.5	.2	54	.18	.074	16	37	.63	126	.055	1	1.74	.008	.06	.2	.03	3.0	.1	<.05	6	.6
VS 22	1.1	30.0	9.7	68	.2	28.2	9.7	486	2.67	15.9	1.0	3.6	1.2	14	.2	.8	.2	55	.17	.069	13	42	.65	106	.047	1	1.66	.009	.06	.1	.03	2.5	.1	<.05	6	.5
VS 23	1.0	30.3	9.7	70	.2	27.9	10.3	318	2.69	18.5	.9	6.3	2.2	18	.3	.7	.3	56	.20	.057	14	38	.57	167	.067	1	1.59	.009	.06	.1	.03	3.5	.1	<.05	5	.5
VS 24	1.1	28.8	8.3	73	.2	24.0	7.4	278	2.64	21.3	1.0	6.1	1.6	18	.2	.6	.3	52	.19	.067	13	28	.51	140	.060	1	1.79	.010	.06	.1	.04	2.9	.1	<.05	5	.6
VS 25	1.1	31.9	8.4	66	.1	24.5	8.5	281	2.69	20.9	1.1	5.3	3.0	17	.2	.7	.2	53	.20	.067	15	28	.51	150	.070	2	1.77	.010	.06	.1	.03	3.4	.1	<.05	5	.6
VS 26	1.8	27.8	11.8	81	.2	23.6	10.0	441	3.01	27.4	.9	5.4	1.9	17	.2	.9	.2	61	.19	.070	13	30	.49	124	.065	1	1.74	.008	.06	.2	.02	2.6	.1	<.05	6	.6
VS 27	1.3	27.0	9.1	58	.2	20.0	6.8	200	2.41	19.1	1.1	6.1	1.4	14	.2	.8	.2	49	.16	.068	12	27	.45	126	.052	1	1.64	.009	.06	.1	.03	2.6	.1	<.05	5	.7
VS 28	1.1	22.2	6.7	39	.2	13.6	3.9	104	1.66	21.3	.8	14.6	.5	18	.2	.9	.2	36	.17	.061	9	19	.30	109	.037	1	1.12	.014	.04	.2	.02	1.4	.1	<.05	4	.8
VS 29	2.0	38.7	7.8	66	.2	22.6	8.6	336	2.72	66.1	1.6	14.2	2.0	21	.3	1.7	.2	50	.19	.086	13	25	.38	118	.056	1	1.34	.010	.06	.2	.02	2.6	.1	<.05	5	1.0
VS 30	1.3	34.2	8.4	77	.2	28.1	9.1	310	2.93	15.8	1.1	8.8	3.5	20	.3	.8	.2	54	.23	.077	15	29	.50	146	.072	1	1.66	.009	.07	.2	.04	3.4	.1	<.05	5	.7
VS 31	1.2	39.3	7.5	85	.2	31.8	8.7	340	2.58	15.3	1.3	5.3	3.3	22	.4	1.0	.1	50	.25	.068	14	26	.46	178	.066	2	1.27	.010	.05	.1	.02	3.8	.1	<.05	4	.7
VS 32	1.3	41.7	11.0	86	.3	32.3	9.9	389	3.07	23.1	1.4	9.6	2.7	28	.3	1.0	.2	60	.21	.084	15	32	.53	187	.061	2	2.01	.010	.08	.2	.04	3.7	.2	<.05	6	.7
VS 33	1.6	51.7	13.0	121	.6	69.4	15.2	692	4.29	18.0	1.2	6.0	3.1	19	.4	.8	.2	83	.20	.080	17	99	1.54	165	.050	1	2.50	.007	.10	.1	.04	6.1	.2	<.05	8	.9
STANDARD DS7	20.3	105.2	67.7	402	.9	53.5	9.5	641	2.41	49.7	4.8	59.6	4.4	71	6.5	5.9	4.6	85	.93	.080	13	168	1.06	375	.122	40	.99	.077	.44	4.0	.19					



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.7	2.3	2.8	45	<.1	6.4	4.1	500	1.70	<.5	1.8	<.5	3.6	53	<.1	<.1	.1	33	.45	.077	6	70	.60	199	.114	2	.99	.071	.49	.1	<.01	1.8	.3	<.05	5	<.5
VS 34	1.7	76.5	13.8	129	.6	140.2	28.9	1485	4.81	62.2	1.3	5.5	4.6	17	.4	4.5	.2	84	.23	.089	18	110	1.57	171	.032	<1	1.96	.004	.07	.1	.03	10.1	.2	.06	6	.9
VS 35	1.5	31.5	10.5	59	.1	28.1	11.8	479	2.67	25.5	.8	2.6	2.0	11	.3	.7	.2	53	.09	.056	14	38	.49	86	.030	1	2.02	.005	.04	.1	.03	2.4	.1	<.05	6	.6
VS 36	2.6	57.5	20.4	146	.3	51.6	18.4	887	3.78	16.3	1.2	2.7	3.7	13	.7	1.1	.7	55	.19	.100	23	44	.69	81	.023	1	1.65	.004	.05	.2	.03	2.5	.1	<.05	5	1.1
VS 37	2.2	47.3	14.1	124	.3	40.5	16.2	801	3.19	15.6	1.4	4.0	4.0	19	.9	.8	.2	60	.14	.082	22	35	.55	96	.038	1	1.72	.009	.05	.2	.06	2.5	.1	<.05	5	.9
RE VS 37	2.3	49.6	13.4	121	.3	42.1	16.2	810	3.26	16.2	1.4	3.8	4.0	18	.8	.7	.3	59	.15	.083	23	34	.56	97	.038	1	1.75	.009	.06	.2	.06	2.5	.1	<.05	6	1.1
VS 38	1.8	33.5	10.9	97	.2	34.5	10.9	504	3.06	13.0	1.1	2.0	2.3	15	.6	.6	.2	62	.16	.072	18	35	.54	110	.042	1	1.78	.006	.05	.2	.03	2.6	.1	<.05	6	.6
VS 39	1.5	25.8	11.1	66	.2	20.5	8.5	416	2.68	35.4	.8	3.2	1.5	11	.3	.6	.2	56	.08	.056	14	29	.40	79	.033	1	1.53	.007	.04	.2	.04	1.8	.1	<.05	6	.6
VS 40	2.0	33.7	12.4	93	.2	25.4	12.8	641	3.21	29.1	1.1	3.8	2.3	16	.6	1.1	.2	59	.13	.079	20	32	.49	73	.054	1	1.27	.008	.07	.2	.03	1.9	.1	.08	5	.9
VS 41	1.8	46.4	11.8	84	.4	29.0	9.6	232	2.90	12.5	1.9	5.4	3.2	16	.4	1.2	.2	53	.21	.089	20	37	.63	93	.046	1	1.67	.007	.06	.4	.04	2.8	.1	<.05	5	1.0
VS 42	2.8	135.8	14.2	220	.4	205.2	35.4	1446	4.59	85.5	3.0	4.3	1.2	21	2.3	2.0	.3	89	.09	.100	17	267	1.65	139	.027	<1	2.57	.005	.07	.1	.05	5.6	.3	.06	8	.9
VS 43	1.0	16.5	11.3	46	.3	17.3	6.3	228	3.51	10.5	.5	2.3	2.5	8	.2	.8	.2	64	.09	.035	10	29	.38	53	.079	1	1.84	.005	.05	.2	.06	2.7	.1	<.05	7	.5
VS 44	1.2	46.7	6.8	101	.3	40.5	10.2	200	2.86	6.3	1.1	6.0	5.2	15	.3	.7	.2	38	.14	.051	16	21	.25	137	.050	1	.83	.008	.05	.2	.04	3.1	.1	<.05	3	.7
VS 45	2.0	25.3	11.8	66	.5	21.2	8.0	412	3.62	20.4	.7	2.9	1.3	10	.4	.9	.3	80	.08	.058	10	30	.32	71	.066	1	1.87	.006	.05	.2	.10	2.1	.2	.06	8	.6
VS 46	1.0	28.8	8.7	68	.1	24.4	9.3	336	2.76	21.1	.8	3.5	3.4	20	.3	.9	.2	56	.24	.080	13	30	.44	110	.074	1	1.41	.010	.06	.2	.05	2.9	.1	<.05	4	.6
VS 47	1.3	26.1	11.5	80	.1	26.9	11.7	508	3.43	18.2	.8	8.9	2.5	14	.3	.8	.2	65	.13	.063	11	31	.45	112	.060	1	2.05	.008	.07	.2	.06	3.0	.1	<.05	7	.7
VS 48	1.3	26.9	9.2	80	.2	24.5	11.4	454	2.84	18.8	.9	8.3	2.6	15	.3	.8	.2	52	.18	.079	13	28	.44	120	.058	2	1.63	.008	.06	.2	.04	2.8	.2	<.05	5	.5
VS 49	1.2	28.3	8.6	79	.2	24.6	10.3	431	2.80	15.0	.8	16.5	3.1	18	.3	.8	.2	55	.20	.079	14	28	.46	141	.066	1	1.50	.009	.06	.2	.05	2.8	.1	<.05	5	.6
VS 50	1.2	28.9	9.5	67	.2	22.3	12.1	484	2.77	11.7	.8	3.8	1.5	12	.3	.6	.2	53	.14	.056	12	26	.40	120	.045	1	1.49	.006	.05	.2	.04	2.5	.1	<.05	5	.6
VS 51	1.4	28.6	10.1	78	.2	21.5	8.2	258	2.94	12.5	.9	5.2	1.6	12	.2	.6	.2	54	.12	.061	12	29	.44	150	.042	1	1.67	.006	.05	.2	.05	3.0	.1	<.05	5	.5
VS 52	2.2	46.5	10.2	85	.4	27.8	10.0	323	3.07	13.2	1.3	7.9	2.9	15	.3	.6	.2	46	.14	.079	11	27	.35	109	.042	1	1.37	.007	.05	.2	.09	3.2	.2	<.05	4	1.5
VS 53	1.0	25.7	9.6	68	.2	21.5	11.3	328	3.10	13.2	.8	5.6	2.0	12	.3	.7	.2	51	.14	.077	12	29	.42	115	.043	1	1.76	.006	.05	.2	.06	2.8	.1	<.05	5	.7
VS 54	1.0	29.8	9.5	69	.1	22.4	14.9	493	3.32	13.4	.8	5.1	3.5	14	.3	.9	.2	53	.19	.077	12	31	.48	82	.061	1	2.01	.007	.07	.2	.06	3.1	.1	<.05	5	.9
VS 55	.9	19.5	8.2	44	.1	14.5	5.2	157	2.15	12.8	.8	6.8	.9	10	.1	.7	.2	40	.08	.044	8	19	.25	91	.043	1	1.32	.013	.04	.2	.04	1.8	.1	<.05	4	.5
VS 56	1.7	29.6	9.5	68	.1	23.6	6.9	194	3.81	8.5	.7	1.8	3.4	9	.2	.8	.2	64	.09	.043	12	27	.28	57	.069	1	1.19	.005	.03	.3	.02	1.9	.1	<.05	6	.5
VS 57	1.1	23.3	9.2	59	<.1	20.7	6.8	268	3.52	8.3	.6	2.7	2.7	9	.2	.8	.2	53	.11	.045	11	30	.39	57	.070	1	1.51	.006	.05	.2	.04	2.4	.1	<.05	6	.6
VS 58	1.4	37.7	8.8	76	.1	26.1	8.2	253	4.66	12.9	.7	4.3	2.4	6	.1	.8	.3	48	.04	.054	13	25	.17	44	.030	1	1.07	.004	.04	.2	.05	1.8	.1	<.05	4	.5
VS 59	1.2	41.2	9.0	91	.3	40.7	10.6	341	4.16	8.8	1.1	2.0	2.2	7	.2	.7	.2	41	.06	.058	15	27	.25	38	.039	1	1.06	.004	.04	.2	.05	1.8	.1	<.05	5	.9
VS 60	2.8	68.4	15.4	174	.5	86.5	20.4	1108	4.24	32.6	2.0	5.4	4.9	20	.8	1.7	.3	70	.17	.103	32	88	1.14	123	.036	1	2.01	.006	.09	.2	.04	4.8	.1	<.05	7	1.2
VS 61	2.6	52.6	13.3	133	.4	56.1	16.5	1055	3.57	20.2	1.5	3.8	4.5	18	.9	1.5	.2	60	.19	.093	28	52	.68	97	.051	1	1.64	.006	.07	.2	.04	3.4	.1	<.05	5	1.0
VS 62	1.5	36.6	10.2	89	.2	35.8	13.3	607	2.95	16.5	1.3	5.4	3.5	17	.7	.8	.2	58	.20	.081	19	37	.59	114	.053	1	1.65	.008	.06	.2	.03	2.9	.1	<.05	5	.8
VS 63	2.0	22.6	10.7	44	.3	14.2	5.3	306	2.98	12.4	.7	3.9	1.6	8	.2	.7	.3	82	.06	.042	12	26	.22	47	.058	1	1.30	.005	.04	.2	.04	1.6	.1	<.05	8	.6
VS 64	2.0	36.5	9.0	87	.2	33.3	10.4	659	3.31	10.2	1.1	3.8	3.3	15	.4	.6	.2	57	.15	.086	19	37	.62	84	.050	1	1.76	.009	.07	.3	.04	2.4	.1	<.05	6	1.2
VS 65	2.8	51.3	15.8	128	1.3	59.7	18.1	925	4.30	16.3	2.3	4.1	2.9	20	.6	1.1	.3	84	.16	.111	34	77	1.04	231	.042	1	2.60	.007	.11	.2	.09	4.4	.2	<.05	8	.8
VS 66	2.0	54.0	15.2	114	.3	64.0	16.9	975	3.71	28.8	1.3	4.7	4.4	16	.5	.9	.2	76	.23	.090	23	65	1.09	164	.046	<1	1.88	.006	.09	.2	.03	5.1	.1	<.05	6	.7
STANDARD	20.6	107.0	66.7	403	.9	56.4	9.6	648	2.41	50.1	4.8	62.6	4.2	68	6.7	6.1	4.5	86	.93	.081	12	164	1.06	367	.118	40	.98	.075	.45	3.9	.19	2.5	4.2	.24	5	3.8

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.8	2.5	2.8	46	<.1	6.5	4.5	546	1.84	<.5	2.0	.7	4.0	59	<.1	<.1	.1	36	.50	.086	8	81	.62	199	.120	2	1.00	.076	.49	.1	<.01	2.1	.3	<.05	5	<.5
VS 67	2.4	57.4	12.6	138	.6	66.7	17.3	945	4.06	18.8	1.8	11.8	4.6	17	.4	1.3	.2	72	.18	.101	26	71	1.07	150	.048	2	2.10	.007	.10	.2	.03	4.7	.1	<.05	7	.8
VS 68	1.8	35.5	8.9	86	.2	33.2	11.3	429	3.81	9.5	1.1	7.3	2.6	15	.2	1.3	.3	63	.15	.108	17	28	.27	71	.052	2	1.15	.006	.06	.3	.03	2.1	.1	.06	5	.7
VS 69	1.2	33.4	7.0	69	<.1	26.5	8.1	243	3.24	9.6	.8	3.6	2.9	11	.3	.6	.2	47	.11	.045	19	24	.26	97	.043	1	1.31	.005	.05	.1	.04	2.3	.1	<.05	4	.6
VS 70	.8	40.3	6.3	87	.2	33.4	10.7	537	2.75	6.7	1.0	4.3	5.1	20	.4	.5	.2	42	.22	.063	18	23	.35	129	.063	1	1.06	.010	.05	.2	.05	3.3	.1	<.05	4	.6
VS 71	4.0	53.5	30.9	60	1.5	18.8	6.9	283	3.59	35.1	1.0	330.4	4.3	23	.3	2.9	1.1	49	.21	.092	13	23	.30	170	.061	2	.90	.010	.15	.3	.06	2.4	.8	.26	3	2.1
VS 72	4.4	36.4	51.7	47	1.7	12.7	5.6	340	3.07	29.4	.7	27.9	2.4	22	.2	3.1	1.5	34	.08	.072	11	18	.16	188	.029	2	.82	.008	.19	.3	.08	1.6	.9	.35	4	3.5
VS 73	.5	8.7	3.4	11	.8	1.7	1.4	36	.80	1.9	.3	1.1	.1	5	.1	.2	.1	19	.03	.028	3	5	.03	19	.036	1	.59	.021	.02	.1	.06	.4	.1	<.05	3	<.5
VS 74	1.7	58.6	34.0	99	1.0	33.1	13.6	657	3.75	22.0	1.1	11.7	3.9	20	.5	1.9	1.1	71	.23	.076	16	35	.47	156	.088	2	1.77	.012	.07	.3	.08	3.7	.5	<.05	6	1.0
VS 75	3.2	143.5	31.6	93	.5	28.4	5.9	236	3.74	20.0	2.8	8.8	2.9	23	.4	4.1	1.3	45	.06	.075	9	27	.11	122	.014	1	.60	.003	.06	.2	.04	4.6	.3	.06	2	3.1
RE VS 74	1.5	56.2	33.8	95	1.1	32.7	13.5	617	3.66	21.8	1.0	11.8	3.5	18	.5	1.9	1.1	71	.21	.076	15	32	.46	149	.080	1	1.75	.011	.06	.3	.09	3.4	.4	<.05	6	1.0
VS 76	1.6	45.5	26.8	62	.5	26.9	11.2	608	3.36	15.2	1.2	7.7	2.9	17	.5	1.8	.5	69	.15	.060	14	30	.37	153	.067	1	1.94	.008	.06	.2	.05	3.6	.4	<.05	6	.9
VS 77	5.2	68.7	55.2	76	1.3	28.4	10.5	484	4.00	31.9	1.4	23.5	3.9	28	.5	2.4	1.2	65	.21	.108	15	33	.43	233	.070	2	1.54	.017	.19	.3	.07	3.7	.8	.32	5	2.4
VS 78	5.6	63.5	40.8	76	1.4	20.8	7.4	375	4.34	30.8	1.3	115.1	3.9	39	.5	3.2	1.2	58	.20	.112	14	26	.29	195	.057	4	1.06	.010	.24	.3	.10	2.5	1.2	.47	4	2.2
VS 79	3.9	92.8	28.6	79	1.8	14.4	5.4	280	4.64	104.2	1.6	47.4	3.9	20	.4	2.6	1.0	38	.06	.090	16	20	.24	255	.029	3	.98	.014	.36	.3	.11	2.4	1.8	.64	4	2.5
VS 80	4.3	91.3	28.0	98	1.2	23.4	6.9	292	4.39	70.9	2.4	75.1	4.4	30	.5	3.0	1.0	90	.17	.130	13	88	.77	303	.082	2	1.64	.018	.47	.4	.10	4.8	1.9	.41	7	2.7
VS 81	3.3	120.6	53.4	97	2.3	13.8	5.5	487	5.51	47.9	3.0	18.7	5.3	31	.5	1.5	2.8	69	.08	.127	18	42	.65	165	.093	2	1.61	.048	.76	.1	.08	5.2	1.5	.96	7	4.0
VS 82	5.1	111.9	38.3	114	2.3	32.3	12.1	766	4.61	48.7	3.5	21.7	4.1	25	.9	3.1	3.3	69	.19	.158	16	40	.47	181	.066	2	1.71	.013	.17	.3	.12	5.2	1.5	.27	6	2.7
VS 83	11.7	94.3	241.7	169	3.0	27.7	7.0	634	6.06	1493.3	3.0	8.8	2.6	31	.7	3.4	2.9	40	.05	.191	16	15	.12	221	.010	2	.68	.021	.34	.4	.10	2.1	2.4	.76	3	5.2
VS 84	3.8	52.6	42.6	96	1.1	33.0	12.9	649	3.94	39.9	1.6	15.4	3.5	31	.6	2.1	1.6	66	.24	.127	16	32	.46	207	.069	2	1.69	.023	.16	.3	.17	3.4	1.4	.30	5	1.7
VS 85	18.0	85.9	35.4	197	1.2	47.5	12.5	457	6.54	121.3	5.1	24.1	4.0	37	.3	10.8	.5	82	.09	.160	15	34	.19	194	.024	3	1.12	.006	.11	1.3	.19	5.5	2.9	.20	6	4.4
VS 86	1.5	28.1	18.9	74	.2	29.1	9.9	371	3.03	22.6	.8	10.2	3.0	21	.4	3.3	.3	65	.23	.094	12	28	.41	122	.085	2	1.50	.012	.07	.3	.11	2.6	1.0	.07	5	1.0
VS 87	3.1	31.9	78.7	70	.9	19.7	7.4	332	3.71	62.3	1.6	112.5	5.1	31	.2	10.2	.7	64	.18	.140	15	26	.29	224	.096	1	1.44	.009	.10	.6	.42	3.1	2.4	.13	6	3.9
VS 88	2.3	32.7	32.9	73	.7	23.8	11.3	661	3.86	47.9	1.4	59.8	4.2	25	.4	8.7	.3	67	.28	.133	14	29	.40	188	.094	1	1.37	.012	.16	.6	.63	2.9	3.4	.22	5	2.2
VS 89	3.4	34.3	36.6	64	.6	17.9	5.8	235	6.03	120.4	.9	29.7	5.0	29	.2	14.1	.6	75	.08	.097	10	31	.22	281	.082	2	.89	.009	.26	1.0	.82	2.3	4.9	.48	6	5.3
VS 90	3.4	36.1	30.7	89	.8	22.6	10.8	680	4.13	59.5	1.0	28.2	1.9	22	.4	6.5	.5	68	.15	.117	12	30	.36	188	.059	1	1.53	.010	.13	.4	.16	2.5	1.3	.20	6	5.0
VS 91	2.9	24.0	68.8	111	.4	23.5	9.9	501	2.81	30.3	1.0	10.5	3.7	18	.9	3.6	.3	63	.23	.083	13	29	.30	114	.087	1	1.20	.012	.05	.4	.15	2.4	.5	<.05	4	.8
VS 92	2.3	32.3	13.9	100	.2	30.4	10.8	592	3.60	19.8	1.2	33.5	3.6	20	.4	3.4	.3	70	.28	.114	15	29	.39	168	.095	1	1.41	.014	.06	.3	.07	3.1	.7	<.05	5	1.1
VS 93	5.7	27.1	19.7	77	.4	24.7	12.5	448	3.24	23.4	1.4	7.7	1.4	17	.3	1.5	.3	71	.15	.078	15	36	.47	230	.048	2	1.84	.008	.07	.3	.11	3.3	.5	<.05	6	1.4
VS 94	9.4	52.5	26.9	138	1.6	43.3	13.3	515	3.18	20.2	2.5	3.2	1.6	27	.6	1.2	.3	97	.30	.125	24	49	.58	430	.025	3	1.54	.010	.08	.4	.09	4.5	.6	<.05	6	2.5
VS 95	9.0	36.9	23.8	127	1.5	36.5	9.7	281	2.77	21.6	2.1	5.9	1.7	26	1.0	1.7	.2	69	.23	.118	14	30	.27	436	.026	2	1.03	.008	.06	.5	.07	2.8	.5	<.05	4	2.0
VS 96	5.7	87.7	28.6	71	1.2	16.6	6.8	340	3.94	32.9	1.8	28.1	4.7	28	.5	2.2	1.2	43	.13	.105	18	22	.28	221	.039	2	.97	.013	.27	.2	.05	2.6	1.0	.48	4	2.8
VS 97	4.8	91.3	40.2	149	1.1	30.0	10.0	494	4.09	57.1	1.7	83.3	4.4	24	.9	2.3	.7	60	.15	.091	15	50	.54	223	.059	2	1.35	.012	.22	.3	.08	4.3	.9	.28	5	2.0
VS 98	6.2	88.7	45.0	76	1.7	20.5	7.0	303	4.64	40.5	1.6	121.5	4.0	28	.5	3.0	1.5	50	.15	.103	14	24	.25	226	.036	4	1.01	.009	.24	.3	.14	2.5	1.7	.44	3	2.7
VS 99	9.2	61.1	79.7	73	2.1	20.6	7.8	411	4.41	62.1	1.6	29.3	3.2	31	.4	2.9	2.4	61	.12	.116	15	31	.31	251	.048	2	1.48	.011	.18	.4	.11	3.1	1.1	.28	7	3.2
STANDARD	20.9	110.5	69.5	408	.9	55.8	9.8	630	2.44	49.9	4.9	72.2	4.5	71	6.5	6.1	4.6	87	.94	.080	13	166	1.06	379	.125	39	.99	.078	.44	4.0	.19	2.5	4.4	.20	5	3.9

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.7	2.5	2.8	44	<.1	7.1	4.4	541	1.84	<.5	2.0	<.5	4.0	59	<.1	<.1	.1	35	.50	.081	7	84	.60	195	.124	1	.97	.071	.50	.1	<.01	1.9	.3	<.05	5	<.5
VS 100	1.8	43.5	24.5	82	.7	23.0	10.9	506	3.11	15.4	1.2	9.5	4.4	20	.5	1.1	.5	65	.23	.078	17	32	.63	198	.084	2	1.51	.011	.08	.2	.05	5.2	.3	.06	5	.8
VS 101	1.6	32.0	17.9	71	.4	23.1	10.0	570	2.84	24.9	.8	7.2	1.6	14	.5	1.1	.4	63	.15	.089	11	27	.34	131	.066	2	1.54	.010	.06	.3	.09	2.5	.2	.07	5	.7
VS 102	2.3	58.4	17.3	90	.6	31.7	11.7	571	3.56	26.8	1.4	6.7	3.3	23	.6	1.6	.8	65	.23	.106	13	34	.38	202	.069	1	1.40	.008	.07	.3	.08	3.4	.4	<.05	5	1.0
VS 103	1.4	52.1	17.2	106	.6	30.9	15.6	606	3.75	17.6	1.1	32.5	3.9	26	.5	.9	.4	102	.37	.074	16	60	1.32	313	.122	2	1.85	.013	.17	.2	.03	9.7	.5	.06	6	.9
VS 104	1.1	22.1	10.9	82	.2	24.0	11.4	685	2.98	15.9	.7	17.0	2.6	15	.4	.8	.3	60	.18	.078	13	30	.42	92	.072	2	1.90	.009	.06	.2	.07	2.7	.1	<.05	5	.6
VS 105	1.4	32.6	14.9	68	.3	24.5	10.0	429	3.22	28.5	.9	8.9	1.7	13	.3	.8	.5	60	.15	.071	13	32	.45	92	.060	2	2.03	.008	.06	.2	.07	2.7	.2	<.05	6	.8
VS 106	1.3	25.7	13.1	56	.3	22.3	9.1	378	2.94	17.2	.8	11.5	3.5	16	.4	1.0	.3	61	.18	.066	13	28	.42	106	.078	1	1.40	.010	.05	.3	.07	2.7	.1	<.05	5	.8
VS 107	1.6	81.4	14.0	108	.6	35.5	11.2	391	3.97	19.5	1.8	7.0	4.4	16	.4	.7	.4	61	.17	.083	15	35	.43	154	.066	2	1.41	.009	.06	.2	.09	4.8	.3	<.05	4	.9
VS 108	1.2	29.9	12.2	61	.1	21.1	11.5	487	3.20	15.9	.7	4.8	2.0	14	.3	.6	.3	59	.14	.063	11	30	.43	125	.061	2	2.18	.009	.06	.2	.04	2.6	.2	<.05	6	.5
VS 109	3.4	32.4	17.1	92	.4	19.7	5.7	198	3.20	14.4	1.0	5.6	1.7	8	.2	1.0	.3	63	.05	.048	14	24	.22	69	.041	1	1.32	.005	.06	.1	.04	1.7	.1	<.05	6	1.5
VS 110	2.7	74.9	18.7	135	.6	36.8	22.0	890	3.45	31.5	2.0	27.6	2.4	12	.5	3.1	.2	53	.09	.065	11	27	.33	84	.055	1	1.91	.006	.04	.2	.06	2.5	.2	<.05	4	1.3
VS 111	2.2	60.1	13.1	81	.1	16.2	3.3	95	3.33	75.6	1.3	70.4	2.3	7	.2	1.3	.3	44	.05	.064	16	20	.16	55	.022	1	.95	.003	.04	.2	.04	1.4	.1	<.05	4	1.8
VS 112	3.2	64.2	16.3	42	.2	15.7	4.1	158	2.58	51.0	2.1	32.9	3.1	9	.2	1.6	.2	45	.07	.054	14	21	.26	70	.033	1	1.11	.004	.05	.2	.03	1.9	.1	<.05	3	2.0
VS 113	2.0	48.1	15.7	52	.2	21.4	6.6	228	2.71	36.3	1.9	10.7	4.2	18	.1	1.0	.2	53	.15	.035	17	29	.38	181	.057	1	1.49	.007	.05	.1	.03	3.8	.1	<.05	4	1.0
VS 114	1.3	38.4	12.5	70	.1	25.6	10.3	379	3.10	11.7	1.2	4.8	3.5	22	.2	.9	.2	63	.22	.058	17	35	.57	238	.072	1	1.98	.010	.07	.2	.03	4.8	.2	<.05	6	.5
RE VS 114	1.3	35.4	12.3	64	.1	24.7	9.5	356	2.91	11.6	1.1	4.7	3.4	22	.2	.8	.2	60	.22	.055	16	34	.55	226	.069	2	1.92	.009	.06	.2	.03	4.4	.1	<.05	6	.7
VS 115	1.3	36.7	10.5	63	.2	26.4	9.0	310	2.99	9.9	1.4	4.0	2.3	25	.2	.7	.2	57	.26	.062	16	32	.54	236	.059	1	1.77	.011	.05	.1	.03	3.8	.1	<.05	5	.6
VS 116	2.3	46.0	12.0	84	.2	24.9	8.8	340	3.52	11.7	1.6	4.2	2.3	12	.5	1.0	.2	55	.10	.072	12	28	.36	93	.046	1	1.54	.006	.04	.2	.04	2.4	.1	<.05	6	.9
VS 117	2.2	36.5	10.9	77	.2	22.9	8.7	326	3.20	10.8	1.2	15.0	1.6	12	.5	.9	.2	53	.11	.076	12	28	.40	109	.044	1	1.85	.008	.04	.2	.04	2.4	.1	<.05	6	.8
VS 118	2.5	60.7	15.7	102	.3	39.0	12.8	545	3.85	13.7	2.0	6.2	2.6	16	.6	1.2	.2	65	.11	.072	13	40	.50	210	.040	1	2.32	.007	.07	.2	.04	4.1	.2	<.05	6	1.3
VS 119	1.5	40.6	12.6	102	.2	37.7	16.2	596	3.60	13.2	1.3	4.1	2.5	13	1.2	.9	.2	59	.12	.060	11	37	.57	113	.057	1	2.27	.008	.07	.2	.04	3.5	.1	<.05	6	.8
VS 120	3.2	46.1	15.5	119	.4	37.8	16.8	778	4.01	25.9	1.3	3.2	4.1	14	.4	1.3	.3	69	.07	.059	15	32	.24	101	.045	1	1.87	.004	.03	.2	.07	2.7	.2	<.05	7	1.1
VS 121	2.5	52.7	16.7	111	.4	43.1	16.7	973	4.10	53.8	1.5	5.4	3.1	12	.6	1.4	.3	66	.08	.058	16	36	.33	116	.045	1	2.22	.006	.06	.2	.08	3.7	.2	<.05	7	1.0
VS 122	1.8	70.8	12.8	135	.3	70.5	19.0	1286	3.57	15.7	2.2	6.8	4.2	16	.9	1.3	.2	61	.12	.061	15	36	.50	162	.053	2	2.21	.008	.07	.2	.05	4.0	.2	<.05	6	.8
VS 123	1.3	47.3	10.4	94	.2	41.5	16.0	882	3.42	13.6	1.8	5.9	3.8	17	.6	.9	.2	64	.17	.072	15	36	.60	168	.065	2	2.21	.010	.07	.1	.07	5.0	.1	<.05	6	.6
VS 124	2.8	83.2	11.1	184	.3	61.3	21.8	1255	4.21	21.4	2.3	8.3	3.2	15	.8	2.2	.2	52	.09	.077	15	29	.39	89	.034	1	1.92	.006	.05	.2	.06	2.6	.2	<.05	5	1.2
VS 125	2.0	45.4	12.3	146	.2	39.1	14.7	1170	4.48	11.3	.9	2.3	4.6	13	.5	1.2	.2	58	.12	.062	19	30	.41	121	.046	1	1.79	.006	.05	.2	.03	2.7	.2	<.05	6	.7
VS 126	1.8	34.5	14.3	110	.3	34.6	14.5	956	4.04	11.4	.8	3.1	3.6	13	.7	.8	.2	69	.13	.064	12	37	.56	120	.071	2	2.52	.008	.08	.1	.05	3.8	.2	<.05	7	.7
VS 127	3.5	68.4	18.7	254	.3	63.5	17.0	1843	5.27	10.9	1.9	4.0	4.4	17	.9	1.2	.2	70	.11	.056	16	32	.39	358	.054	1	1.89	.008	.05	.2	.06	4.2	.1	<.05	5	1.5
VS 128	3.8	196.8	10.7	267	.3	154.4	25.9	1150	4.25	21.9	3.2	4.6	4.4	19	3.4	1.3	.2	56	.08	.064	18	31	.41	230	.051	1	2.17	.006	.07	.2	.05	3.9	.3	<.05	5	1.2
VS 129	1.6	51.1	6.4	111	.1	55.5	21.9	726	3.61	25.8	1.2	13.2	4.2	12	.5	.9	.2	46	.10	.054	19	27	.30	88	.040	1	1.92	.006	.05	.1	.05	2.3	.2	<.05	4	.7
VS 130	2.9	26.1	14.0	53	.7	19.4	5.9	144	2.51	33.2	.9	18.5	3.1	16	.1	3.0	.2	44	.16	.067	15	25	.36	188	.039	1	1.42	.007	.08	.2	.04	2.1	.2	.10	4	2.0
VS 131	2.3	59.6	15.7	90	.3	27.4	10.3	217	3.41	22.6	3.1	7.8	4.5	17	.5	1.5	.2	62	.16	.087	14	36	.48	136	.055	1	2.36	.009	.06	.2	.08	3.8	.2	<.05	6	2.4
VS 132	2.0	40.9	13.9	69	.3	27.6	12.4	417	3.16	19.5	2.2	5.1	1.9	18	.3	.9	.2	66	.22	.116	14	35	.56	123	.057	2	2.39	.010	.08	.2	.07	3.4	.1	<.05	7	1.7
STANDARD	20.3	110.4	67.9	398	.9	55.0	9.5	641	2.39	50.7	4.8	140.8	4.2	70	6.6	5.9	4.6	87	.95	.081	13	164	1.06	374	.122	41	.97	.076	.46	3.9	.20	2.4	4.3	.21	5	3.7

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.7	3.1	2.6	41	<.1	6.3	4.1	485	1.64	<.5	1.6	<.5	3.2	53	<.1	<.1	.1	33	.43	.066	6	65	.56	186	.111	2	.87	.064	.46	.1	<.01	1.7	.3	<.05	5	<.5
VS 133	1.0	28.5	10.3	63	.2	31.4	13.0	342	3.02	15.7	.6	4.4	3.5	15	.2	.8	.2	62	.15	.042	10	32	.56	120	.068	2	2.16	.010	.06	.2	.05	3.4	.1	<.05	6	.6
VS 134	1.3	30.8	10.6	63	.2	28.3	11.2	340	3.12	19.9	.9	3.3	2.6	11	.3	.8	.2	66	.11	.055	10	32	.49	83	.060	2	2.09	.008	.06	.2	.05	2.9	.1	<.05	6	.7
VS 135	1.8	54.3	10.8	118	.4	48.7	15.7	709	3.17	18.1	1.7	3.2	1.1	13	.8	.8	.2	57	.11	.093	11	30	.40	92	.035	2	1.68	.007	.06	.2	.08	2.3	.1	<.05	5	1.2
VS 136	2.7	57.4	16.7	88	.1	37.7	13.3	730	3.27	20.1	1.9	5.5	2.7	11	.5	.8	.3	63	.09	.057	15	29	.29	116	.029	1	1.56	.005	.05	.2	.04	2.8	.2	<.05	6	.8
VS 137	2.9	52.0	10.4	102	.1	42.3	22.6	1979	3.86	13.7	1.1	2.6	3.3	12	.6	.9	.3	62	.09	.069	13	29	.40	104	.038	1	2.15	.006	.05	.2	.05	2.7	.1	<.05	7	.9
VS 138	2.0	52.5	11.9	88	<.1	33.8	17.3	987	3.52	10.4	1.3	2.6	3.9	12	.4	.8	.2	63	.12	.060	16	28	.50	75	.051	1	1.97	.006	.04	.2	.03	2.6	.1	<.05	6	.8
VS 139	.8	32.1	9.5	66	<.1	34.4	13.3	552	2.80	9.8	.6	1.9	3.6	14	.5	.6	.1	57	.15	.034	10	31	.56	117	.076	2	2.24	.011	.06	.2	.04	3.4	.1	<.05	5	<.5
VS 140	1.1	25.6	11.2	67	.1	33.0	13.9	391	3.16	10.4	.6	3.2	3.4	14	.3	.7	.2	64	.16	.044	11	34	.58	131	.076	2	2.56	.011	.07	.2	.04	3.5	.1	<.05	6	.6
RE VS 140	1.1	25.4	10.9	65	.1	32.2	13.9	397	3.13	10.9	.6	3.9	3.5	14	.3	.7	.2	66	.16	.043	11	34	.54	130	.077	2	2.50	.011	.06	.2	.04	3.5	.1	<.05	6	.6
VS 141	3.0	65.0	16.8	115	.3	35.4	15.4	511	3.63	9.0	1.7	3.9	4.2	13	.4	1.1	.3	50	.08	.071	16	27	.40	89	.041	1	1.61	.006	.06	.1	.03	2.7	.1	<.05	4	2.0
VS 142	1.7	36.6	11.8	84	.1	29.9	13.2	544	3.31	10.6	1.1	1.4	3.2	13	.4	.8	.2	65	.12	.054	13	32	.49	102	.063	2	2.24	.008	.07	.2	.05	3.5	.1	<.05	6	.9
VS 143	2.2	62.6	11.8	109	.3	40.6	16.4	682	3.45	9.9	2.1	3.8	4.3	14	.5	.8	.2	55	.14	.060	19	28	.46	104	.053	2	1.67	.008	.06	.2	.05	3.2	.1	<.05	4	.9
VS 144	3.5	72.7	13.7	136	.2	38.0	11.5	916	3.61	6.4	2.6	2.3	5.2	10	.3	.7	.3	42	.05	.058	26	20	.25	95	.023	1	1.04	.004	.06	.1	.03	2.6	.1	<.05	3	1.4
VS 145	3.0	33.0	12.6	79	.2	16.0	5.8	413	3.60	7.4	1.0	2.4	1.9	9	.1	.7	.2	72	.05	.061	13	26	.28	73	.044	1	1.11	.006	.05	.1	.04	1.7	.1	.06	8	1.0
VS 146	1.1	23.9	11.9	64	.1	27.1	12.9	417	3.24	11.6	.7	2.2	3.6	16	.2	.7	.2	67	.16	.052	12	34	.56	112	.077	2	2.54	.012	.07	.2	.06	3.8	.1	<.05	6	.9
VS 147	3.1	34.3	20.2	81	.4	25.9	9.5	252	3.39	8.5	1.6	4.8	4.8	15	.2	.8	.2	66	.13	.069	17	37	.47	107	.055	2	2.22	.008	.07	.2	.07	3.4	.1	<.05	5	1.8
VS 148	3.1	68.1	15.4	153	.3	46.0	14.8	422	5.04	6.1	3.0	2.7	5.8	13	.2	.8	.3	66	.08	.090	25	59	.90	104	.028	1	2.07	.005	.07	.2	.03	3.9	.1	<.05	6	1.4
VS 149	1.4	79.9	8.7	73	.6	110.7	25.3	1690	4.73	8.3	.7	6.7	3.2	7	.3	.9	.2	84	.07	.048	11	170	2.37	109	.033	1	3.46	.004	.04	.1	.07	7.2	.1	<.05	8	.8
VS 150	3.0	57.6	14.7	115	.2	74.4	19.4	606	3.65	9.8	1.7	3.5	3.0	13	1.2	.7	.2	89	.10	.070	17	109	.87	96	.051	2	2.15	.006	.06	.2	.06	4.9	.2	<.05	7	.9
VS 151	1.5	42.6	10.4	102	.1	43.5	16.6	627	3.68	11.0	1.0	2.8	4.0	14	.6	.7	.2	59	.13	.047	14	32	.50	128	.064	2	2.27	.009	.07	.2	.04	3.7	.1	<.05	6	.8
VS 152	1.5	34.6	10.6	88	.2	37.0	14.5	623	3.32	10.5	1.2	4.0	3.5	16	.6	.7	.2	64	.15	.062	14	35	.53	141	.068	2	2.23	.010	.08	.2	.05	4.0	.1	<.05	6	.8
VS 153	1.4	42.6	9.5	85	.2	34.0	10.8	334	2.96	8.5	1.9	2.3	3.8	15	.5	.7	.2	55	.17	.059	15	31	.54	124	.063	2	1.98	.009	.06	.2	.07	3.8	.1	<.05	5	1.0
VS 154	3.4	42.7	7.5	79	.2	38.0	6.1	333	4.02	7.2	2.8	2.9	3.2	8	.1	.7	.3	41	.03	.073	13	23	.13	64	.017	1	.89	.003	.05	.1	.03	1.7	.1	<.05	3	1.7
VS 155	2.3	25.6	13.0	69	<.1	21.2	9.2	416	3.79	36.4	.9	4.9	2.7	11	.2	1.1	.3	74	.10	.073	11	31	.42	77	.061	1	1.76	.007	.05	.2	.03	2.4	.1	<.05	7	.8
VS 156	2.0	32.4	12.6	69	.1	24.1	9.3	271	3.06	19.5	.9	1.8	3.0	18	.2	.9	.2	64	.14	.042	12	29	.42	172	.052	1	1.96	.009	.05	.2	.03	3.1	.1	<.05	6	1.0
VS 157	1.3	32.7	10.5	68	.2	30.1	12.4	402	3.20	13.8	1.4	5.3	3.6	20	.2	.8	.2	63	.17	.061	14	33	.53	178	.062	2	2.37	.010	.05	.2	.05	4.0	.1	<.05	6	.9
VS 158	2.6	31.6	11.8	136	.2	36.6	11.1	314	3.53	22.2	1.1	27.7	2.5	12	.2	.9	.2	58	.11	.066	12	28	.34	107	.048	1	1.70	.006	.05	.1	.03	2.5	.1	<.05	5	1.2
VS 159	1.3	35.3	10.3	88	.1	45.3	15.0	467	3.25	11.8	.7	3.9	3.3	15	.6	.8	.2	71	.14	.029	11	36	.59	162	.077	2	2.39	.009	.06	.2	.04	4.0	.1	<.05	6	.7
VS 160	5.7	183.6	12.7	470	.5	152.5	68.1	4475	4.75	119.0	7.2	16.1	2.3	16	2.0	3.9	.2	56	.06	.085	13	24	.33	175	.037	1	1.93	.005	.06	.2	.10	4.2	.3	.06	5	1.8
VS 161	10.0	157.0	9.5	358	.3	125.8	49.3	1551	6.21	486.3	6.4	38.6	3.2	15	2.0	4.4	.2	60	.07	.127	9	34	.26	144	.013	1	2.73	.005	.08	.2	.11	4.5	.4	.07	4	2.5
VS 162	3.3	42.1	7.9	52	<.1	18.4	8.8	269	2.94	30.9	1.3	4.5	2.0	9	.1	.6	.2	36	.03	.047	13	24	.14	57	.016	1	1.24	.003	.05	.1	.03	2.0	.1	<.05	4	2.3
VS 163	1.4	36.0	11.5	93	.1	38.3	15.3	520	3.33	15.4	.9	3.1	3.6	15	.9	1.0	.2	67	.15	.035	13	38	.61	164	.079	2	2.50	.010	.08	.2	.03	4.4	.1	<.05	6	.8
VS 164	1.4	16.0	12.6	47	.1	17.6	8.6	398	3.30	11.6	.7	2.6	4.0	13	.5	.6	.2	78	.11	.036	13	34	.36	142	.072	<1	2.53	.008	.05	.2	.05	3.4	.2	<.05	8	.5
VS 165	1.3	18.1	8.2	44	.2	8.5	5.8	935	1.77	9.3	.4	3.3	.3	10	.8	.4	.2	42	.06	.042	6	10	.11	58	.038	1	1.20	.017	.03	.1	.06	.9	.1	<.05	7	<.5
STANDARD	20.7	111.4	68.7	413	.9	55.0	9.6	657	2.44	52.1	4.9	67.6	4.5	73	6.7	6.3	4.5	87	.97	.084	13	168	1.08	381	.125	41	.99	.080	.46	4.3	.20	2.5	4.3	.22	5	3.8

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.6	2.2	2.9	42	<.1	5.9	3.9	495	1.71	.5	1.7	.5	3.4	58	<.1	<.1	.1	34	.47	.068	7	66	.60	193	.121	1	.97	.071	.50	.1	<.01	1.8	.3	<.05	5	<.5
VS 166	1.8	66.7	9.4	138	.2	37.6	10.4	433	3.01	35.4	1.7	9.2	3.7	18	.8	.9	.2	52	.16	.056	14	25	.38	133	.066	1	1.26	.009	.04	.1	.02	3.0	.1	<.05	4	.9
VS 167	1.9	63.7	8.8	133	.2	37.8	10.0	407	2.95	34.6	1.7	8.8	3.4	17	.8	.9	.1	51	.16	.057	13	26	.37	131	.062	1	1.20	.008	.04	.1	.02	3.0	.1	<.05	3	1.0
VS 168	2.3	41.8	11.6	62	.4	27.4	11.1	400	3.62	39.6	1.5	3.7	1.9	13	.3	1.0	.2	61	.11	.078	9	38	.37	93	.060	1	3.00	.007	.05	.2	.08	2.9	.1	<.05	6	1.5
VS 169	1.9	41.8	11.8	90	.2	33.2	14.2	331	3.77	111.4	1.1	27.0	4.2	15	.4	.9	.2	68	.11	.057	12	38	.50	148	.066	1	2.89	.008	.07	.2	.03	4.3	.2	<.05	7	1.1
VS 170	1.3	33.0	12.0	64	.1	23.7	9.0	250	3.28	30.2	1.4	5.7	3.9	16	.5	.7	.2	65	.16	.048	13	34	.48	156	.068	2	2.31	.009	.06	.2	.05	3.8	.2	<.05	7	.6
VS 171	3.0	79.5	20.3	150	.3	39.6	10.8	350	3.32	181.9	3.2	17.1	3.5	13	.5	1.6	.3	53	.10	.101	16	26	.33	146	.032	1	1.52	.005	.05	.2	.04	2.8	.1	<.05	4	2.4
VS 172	2.2	53.7	17.8	106	.2	34.5	11.3	383	3.15	92.7	2.0	8.9	2.4	16	.5	1.1	.2	58	.15	.088	14	29	.44	219	.043	1	1.79	.008	.06	.2	.03	3.4	.1	<.05	5	1.2
VS 173	2.5	25.3	13.6	84	.2	18.4	7.0	344	3.81	61.7	.7	7.2	2.0	10	.3	1.0	.3	85	.06	.059	11	26	.23	131	.064	1	1.40	.005	.04	.2	.02	1.9	.2	<.05	10	.9
VS 174	1.7	44.2	12.7	100	.2	28.5	9.3	364	2.95	65.3	1.5	10.1	2.7	19	.4	1.0	.2	60	.18	.063	15	29	.46	257	.048	<1	1.49	.008	.05	.2	.03	3.3	.1	<.05	5	.9
RE VS 174	1.7	42.7	13.0	98	.2	28.2	9.4	364	2.98	64.6	1.5	13.2	2.6	19	.4	1.1	.2	60	.18	.062	16	29	.45	269	.048	1	1.49	.007	.05	.2	.04	3.5	.1	<.05	5	.8
VS 175	1.7	44.8	16.1	90	.1	28.0	9.0	331	2.97	101.0	1.1	18.4	2.6	13	.5	.9	.2	57	.13	.066	13	27	.44	181	.042	<1	1.63	.007	.05	.2	.03	2.6	.1	<.05	5	.9
VS 176	2.7	56.6	14.9	99	.3	27.3	9.1	293	2.80	167.9	2.0	35.7	3.1	18	.5	.9	.2	49	.13	.081	14	27	.37	234	.040	1	1.45	.007	.05	.2	.02	2.9	.1	<.05	4	1.4
VS 177	1.9	46.6	16.3	102	.3	30.2	8.6	249	2.89	94.0	1.6	46.9	3.9	21	.5	.9	.2	50	.13	.076	15	28	.39	249	.042	1	1.56	.006	.05	.2	.04	3.3	.1	<.05	4	1.5
VS 178	2.1	44.9	16.7	113	.3	31.0	10.5	387	3.13	85.5	1.4	17.5	4.7	18	.5	.9	.3	54	.13	.064	16	28	.42	203	.048	1	1.71	.007	.06	.2	.04	3.0	.1	<.05	5	1.7
VS 179	1.6	39.6	18.6	169	.2	33.6	9.4	407	2.73	42.9	1.1	7.4	4.1	15	.8	.9	.2	41	.10	.052	15	20	.30	155	.039	1	1.04	.006	.04	.1	.03	2.2	.1	<.05	3	1.0
VS 180	3.2	101.6	17.5	336	.4	70.7	17.2	745	3.80	52.2	2.7	8.0	4.0	23	1.8	1.4	.2	44	.07	.090	17	23	.26	181	.032	1	1.43	.005	.04	.2	.05	2.9	.2	.07	4	2.5
VS 181	1.8	50.0	13.0	139	.3	35.3	10.8	425	2.92	25.8	1.4	8.3	3.3	18	.8	.9	.2	51	.14	.069	17	27	.40	205	.049	1	1.56	.007	.04	.2	.04	3.6	.1	<.05	5	1.1
VS 182	5.4	154.4	25.3	539	.7	96.2	18.3	1080	4.51	36.9	3.3	9.6	1.9	57	5.4	1.3	.2	57	.14	.150	14	25	.30	611	.037	1	1.45	.006	.06	.2	.05	3.3	.2	.07	5	2.7
VS 183	1.9	27.1	13.3	66	<.1	22.1	12.7	463	3.69	23.7	1.5	5.4	3.5	15	.4	.8	.2	70	.14	.065	12	38	.47	196	.060	1	2.76	.008	.05	.2	.05	3.8	.1	<.05	7	1.1
VS 184	1.9	66.4	19.9	125	.4	37.0	7.5	188	2.25	47.1	2.1	7.4	1.9	34	.7	.9	.2	45	.15	.082	16	23	.29	457	.030	1	1.27	.006	.06	.2	.05	2.5	.2	<.05	4	1.3
VS 185	4.8	83.7	28.2	171	.7	43.1	14.4	556	3.58	55.8	5.6	11.3	2.9	25	1.1	1.5	.2	59	.15	.154	17	27	.31	271	.035	1	1.38	.006	.05	.3	.06	3.5	.2	<.05	4	2.9
VS 186	1.5	17.0	11.0	39	<.1	9.8	3.0	121	1.62	18.1	.7	6.5	.5	14	.3	.4	.2	52	.08	.034	12	15	.14	89	.055	<1	.93	.008	.04	.1	.02	1.2	.1	<.05	7	<.5
VS 187	1.6	49.4	11.9	83	.1	26.5	8.6	287	3.11	9.7	1.1	2.4	3.4	17	.5	.9	.2	51	.15	.056	13	29	.38	136	.057	1	1.85	.007	.05	.1	.03	2.6	.1	<.05	5	.8
VS 188	2.4	76.0	14.1	94	.2	33.5	13.8	901	3.87	12.9	2.1	3.6	5.0	24	.6	.9	.2	57	.11	.059	20	31	.39	187	.060	1	1.62	.007	.05	.2	.04	4.6	.1	<.05	4	1.3
VS 189	1.8	55.8	12.4	91	.2	29.0	13.8	611	3.14	10.4	1.4	4.2	3.6	17	.6	.7	.2	56	.16	.063	15	32	.47	146	.060	1	1.75	.008	.05	.2	.02	3.2	.1	<.05	5	.8
VS 190	2.1	59.2	12.9	95	.3	29.1	9.6	425	3.09	11.4	1.8	9.0	2.2	15	.8	.6	.2	52	.14	.069	14	29	.41	118	.050	1	1.70	.007	.06	.2	.06	2.7	.1	<.05	5	.9
VS 191	3.3	92.1	18.0	165	.4	45.3	17.1	1021	3.84	15.4	2.4	6.3	4.6	15	1.6	.8	.3	53	.12	.116	17	32	.34	145	.045	1	1.86	.007	.06	.2	.05	3.5	.2	<.05	5	1.6
VS 192	1.9	67.6	11.0	120	.3	35.1	12.6	620	3.16	13.9	1.6	6.6	3.4	16	1.4	.7	.2	54	.17	.062	14	28	.44	126	.062	1	1.49	.009	.06	.2	.04	3.3	.1	<.05	4	.8
STANDARD DS7	20.5	107.1	69.2	404	.9	54.5	9.7	640	2.40	51.0	4.9	69.1	4.4	71	6.5	6.1	4.6	87	.92	.080	13	164	1.07	385	.123	39	.99	.079	.46	3.9	.21	2.5	4.3	.21	5	3.8

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

Appendix 6

Rock Sample Geochemistry



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.3	271.5	9.1	48	.7	5.2	4.3	510	1.91	1.0	2.8	4.2	4.6	75	<.1	.1	.3	42	.59	.069	9	8	.56	209	.149	2	1.04	.088	.42	.1	<.01	2.1	.3	<.05	5	<.5
VR 29B	.7	30.4	5.8	26	<.1	5.1	.6	28	.67	13.3	.4	.8	.1	1	<.1	.3	<.1	2	<.01	.011	<1	13	<.01	6	.001	<1	.03	.002	.01	<.1	<.01	.1	<.1	<.05	<1	<.5
STANDARD	21.6	106.2	74.2	396	.9	57.3	10.1	631	2.44	47.9	5.1	85.5	4.7	73	6.3	6.3	4.7	83	.97	.079	14	230	1.06	387	.150	41	1.03	.098	.45	4.0	.20	2.6	4.3	.19	5	3.7

Standard is STANDARD DS7.



GEOCHEMICAL ANALYSIS CERTIFICATE



Ross, John Peter PROJECT 60 mile File # A608237 Page 1
B1 - 2002 Centennial St., Whitehorse YT Y1A 3Z7 Submitted by: John Peter Ross

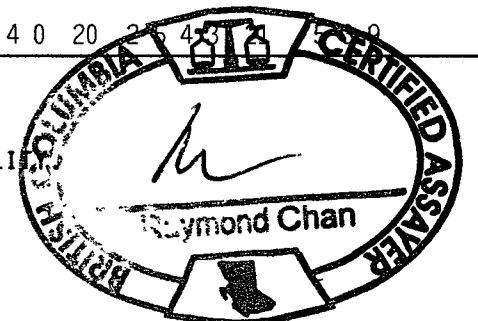
SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	B1	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
G-1	.2	2.5	3.9	48	<1	5.0	4.2	483	1.70	<.5	2.5	2.5	3.6	46	<1	<1	1	36	42	0.76	5	7	56	170	.104	1	.85	0.46	44	<.01	1.6	3	<.05	5	<.5			
VR 1A	1.3	31.4	2.9	49	1	16.1	7.9	82	4.62	12.9	1.0	7.0	9	1	1	3.2	3	31	<.01	0.84	1	11	.02	55	0.02	1	.20	0.01	.06	2.2	0.5	1.0	6	<.05	1	3.1		
VR 1B	3.7	15.5	33.4	7	<1	2.0	6	45	5.07	57.1	1.0	3.1	1.3	1	<1	12.7	1.4	9	0.1	0.52	2	11	0.2	60	.002	1	.10	0.01	.03	5	0.4	.7	5	<.05	1	2.4		
VR 1C	2.1	56.9	6.5	58	1	21.5	9.5	179	12.55	116.4	4.1	8.6	1.2	1	1	11.3	3	64	<.01	2.31	1	14	0.1	45	0.02	1	.38	0.01	.05	1.8	.08	1.3	5	<.05	1	6.2		
VR 1D	2	11.4	2.7	15	<1	3.2	4	20	1.56	16.7	5	22	1	5	1	<1	5.3	.2	8	<.01	0.21	1	10	0.1	36	.001	1	.07	0.01	.04	2	.20	.3	4	<.05	1	1.1	
VR 2	5	32.2	15.1	10	<1	5.9	6	22	54	1.9	2	<.5	1	<1	<1	6	1	1	<.01	0.05	1	15	0.1	5	.001	1	.06	.001	<.01	2.4	<.01	3	<1	<.05	<1	<.5		
VR 3	2	24.1	6.4	12	<1	4.2	1.1	102	.76	2.2	3	4.0	6	1	<.1	1.0	1	5	0.1	.012	1	14	0.2	22	0.02	1	.11	.001	.02	1	.01	7	1	<.05	<1	<.5		
VR 4	1.0	2.0	61.3	2	.6	9	2	38	43	10.6	1	5.7	4	1	<1	3.6	2	3	<.01	0.08	3	11	0.1	73	.001	<1	.06	.001	.06	2.1	58	2	1	2	<.05	<1	1.6	
VR 5	.4	123.8	7.5	46	.3	259.6	35.8	2016	4.92	20.4	2	2.8	2	122	8	6	.1	127	6.69	0.03	1	814	5.88	7	0.07	<1	1.44	.001	<.01	<.1	.02	17.5	.1	<.05	4	2.5		
VR 6	6	5.2	1.9	1	<.1	1.3	2	14	.32	4.3	1	3.9	6	3	<1	1.6	<1	2	.01	0.08	2	13	.01	39	<.001	<1	.06	.001	.03	1.6	<.01	.3	<1	<.05	<1	<.5		
VR 7	9	12.6	4.8	6	6	2.8	.5	33	1.13	47.5	7	17.0	8	45	<1	3.6	1	16	0.3	0.44	4	22	0.3	111	.001	<1	14	.001	.07	.2	.01	9	<1	<.05	2	1.9		
VR 8	8	5.0	2.1	3	1	1.8	.2	18	74	66.4	1	436.5	5	1	<.1	1.3	<1	2	<.01	0.13	1	12	<.01	19	0.01	<1	16	.001	.02	2.1	0.1	1	<1	<.05	1	<.5		
VR 9	4.9	50.8	538.1	27	3	2.4	.4	31	6.73	87.6	1.2	16.7	6.4	2	1	77.6	2	24	0.1	1.06	1	16	0.1	81	0.03	1	11	.001	.04	4	0.2	2.0	2	<.05	3	4.6		
VR 10	2.5	57.4	8.9	49	1	2.8	.6	41	5.90	55.4	.4	62.6	.7	1	<.1	21.2	3	7	<.01	.032	1	10	0.1	36	0.02	<1	14	.001	.04	2.2	0.2	1.2	3	<.05	1	3.7		
VR 11	.2	16.3	6.7	39	2	5.8	1.7	50	1.28	3.0	4	1.2	2	1	<.1	8	1	1	<.01	.007	<1	16	<.01	32	.001	<1	.04	<.001	.01	<1	<.01	.5	<1	<.05	<1	<.5		
VR 12	.6	13.8	5.1	9	<1	6.0	6	45	.47	1.3	5	2.6	1	1	<.1	2	<1	<1	<.01	0.04	<1	14	<.01	9	0.01	<1	.13	<.001	.01	2.7	<.01	.4	<1	<.05	<1	<.5		
VR 13	.2	25.6	3.5	44	<.1	7.1	1.8	45	1.24	2.0	5	2.9	3	2	1	.5	<1	2	<.01	.006	<1	14	<.01	8	.001	<1	.08	.001	.01	1	<.01	8	<1	<.05	<1	.6		
VR 14	6	53.2	6.9	29	<.1	7.8	2.0	33	1.43	2.3	6	1.7	4	4	<1	9	2	4	<.01	0.20	1	18	<.01	13	0.01	<1	.10	.001	.01	2.6	<.01	1.1	<1	<.05	<1	5		
VR 15	2	34.7	4.5	19	<.1	5.0	8	23	90	1.4	5	1.8	4	1	<.1	.6	1	5	<.01	0.13	1	13	<.01	5	<.001	<1	.08	<.001	.01	1	<.01	1.0	<1	<.05	<1	<.5		
VR 16	5	9.0	3.2	6	<.1	2.5	.5	33	41	9	1	7	2	1	<.1	1	.1	1	<.01	.005	<1	16	<.01	6	0.01	<1	.04	.001	.01	2.2	<.01	2	<1	<.05	<1	<.5		
VR 17	.2	7	27.9	1	.6	.5	1	9	33	43.0	1	6.8	6	2	<1	1.7	1	2	<.01	0.42	3	8	<.01	111	0.01	<1	.05	.001	.05	.1	42	4	7	1	5	<.05	<1	1.2
VR 17A	8	21.5	10.4	29	<.1	7.6	1.5	100	97	3.8	5	1.6	2	1	1	1.1	7	4	<.01	0.10	<1	15	0.1	21	.001	1	.07	.001	.01	3.0	<.01	5	1	<.05	<1	.8		
VR 17B	3	16.0	10.7	18	<.1	5.7	1.0	68	71	2.2	5	7	2	1	<.1	4	2	3	<.01	0.08	<1	14	0.1	10	.001	<1	.06	.001	.01	1	0.1	4	<1	<.05	<1	<.5		
VR 18	8	33.6	11.7	62	<.1	14.8	2.1	133	1.43	3.9	1.0	1.8	4	2	1	6	2	6	.01	0.11	1	15	0.1	14	0.01	1	.10	.001	.01	2.6	0.1	1.2	<1	<.05	<1	1.1		
VR 19	.3	44.0	23.2	55	<.1	15.9	3.7	85	1.29	3.0	1.3	1.4	3	2	2	4	3	5	<.01	0.11	1	12	0.1	9	0.01	1	12	.001	.01	.1	0.1	1.0	<1	<.05	<1	<.5		
VR 20	1.4	20.6	5.5	65	<.1	20.5	3.7	451	1.08	11.2	7	7	5	3	1.0	4	<1	6	.04	0.47	2	17	0.2	49	0.03	<1	13	0.02	.02	3.3	0.1	1.3	<1	<.05	<1	8		
VR 21	2.2	42.8	7.0	273	<.1	48.6	5.5	94	3.36	91.8	1.5	3.6	7	1	1	1.3	1	6	.01	0.90	2	11	0.1	15	0.1	<1	19	.001	.03	1	0.1	9	<1	<.05	1	1.6		
VR 22	1.2	17.5	6.6	43	<.1	6.1	8	36	1.39	34.8	1.0	2.0	9	1	<.1	1.4	<1	5	<.01	0.48	3	16	0.2	14	<.001	1	14	.001	.03	2.8	<.01	.5	<1	<.05	<1	8		
VR 23	7.9	123.0	12.9	624	1	107.4	12.1	207	9.13	345.3	6.7	8.8	1.4	1	3	4.5	1	17	<.01	2.62	3	11	0.2	19	0.1	1	45	.001	.03	1	<.01	1.6	<1	<.05	1	2.3		
VR 24	.8	10.9	2.0	34	<.1	7.1	7	25	.80	8.5	4	8	1	<1	<1	7	<1	2	<.01	.017	<1	15	0.1	3	<.001	<1	.06	.001	.01	3.4	<.01	.1	1	<.05	<1	6		
VR 25	5	14.5	2.1	86	<.1	16.6	2.8	65	1.50	40.3	5	2.7	5	1	<.1	.3	<1	8	.01	0.46	1	13	0.1	16	<.001	<1	.08	.001	.02	<1	<.01	.5	<1	<.05	1	1.1		
VR 27	5.5	105.5	7.9	598	1	94.3	10.5	166	8.19	99.1	5.1	18.8	1.4	1	1	20.6	1	17	<.01	.197	2	16	0.1	10	0.02	<1	39	.001	.03	2.8	0.1	1.0	<1	<.05	1	5.1		
VR 28	1.1	16.6	2.0	61	<.1	14.0	1.5	39	1.53	69.8	9	28.3	4	1	<.1	6	<1	2	<.01	0.42	1	13	0.2	13	<.001	<1	.13	.001	.02	.1	0.1	.3	<1	<.05	<1	5		
RE VR 28	1.1	17.2	2.1	62	<.1	12.7	1.6	37	1.43	68.4	9	24.5	4	1	1	5	<1	2	<.01	0.39	1	12	0.2	12	<.001	<1	13	.001	.02	<1	<.01	3	<1	<.05	<1	5		
VR 29A	.7	4.8	4.8	15	<.1	2.4	3	15	.46	5.3	2	8	<1	<1	<1	2	<1	1	<.01	.007	<1	12	<.01	1	<.001	<1	.01	<.001	.01	2.3	<.01	<1	<1	<.05	<1	7		
STANDARD_DS7	20.6	108.3	73.3	376	9	56.0	9.2	640	2.45	48.0	5.1	77.6	4.5	71.6	5	6.1	4.8	84	95	0.78	14	214	1.04	382	125	38	1.02	0.90	47	4.0	20	2.3	4.3	2.0	2.0			

GROUP 10X - 30.0 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data FA DATE RECEIVED: OCT 25 2006 DATE REPORT MAILED:.....

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



Appendix 7

Rock Sample Descriptions

<u>Sample Number</u>	<u>Description</u>
VR-1A	Schist – fractured and Mn wad on parts of it
VR-1B	Dyke – 2”, purple and grey
VR-1C	Schist with limonite
VR-1D	Black sedimentary rock, hairline fractures with quartz and limonite
VR-2	Fine-grained quartz with vugs and limonite
VR-3	Quartz, fine-grained, lots of vugs with limonite, needle crystals, yellow patches
VR-4	Black sedimentary rock, 4-5 hairline fractures with limonite and quartz
VR-5	Schist with limonite and muscovite
VR-6	Quartzite, blue
VR-7	Quartz, dark blue with fractures and limonite
VR-8	Quartz, orange with black inclusions
VR-9	Quartz, fractures with limonite
VR-10	Quartz, fractured, with limonite and muscovite
VR-11	Quartz, fine grained, limonite and manganese, vugs and needles
VR-12	Quartzite, blue/white with limonite
VR-13	Quartz, fine-grained with Mn on fractures, some limonite
VR-14	Quartz, fine-grained, limonite and yellow areas, vugs
VR-15	Quartz, fine-grained, vugs, limonite, black on fractures
VR-16	Quartz, fine grained, vugs, needle crystals, limonite and black areas
VR-17	Quartzite, bluish with muscovite and limonite areas
VR-17A	Quartz, breccia, fine-grained, vugs with limonite, weak arsenic stain
VR-17B	Quartz, fine-grained with limonite and vugs
VR-18	Quartz, vugs with limonite, needles, crusting on edges

Appendix 7

Rock Sample Descriptions (Continued)

<u>Sample Number</u>	<u>Description</u>
VR-19	Quartz, fine-grained, vugs with limonite
VR-20	Quartz, pockets with limonite
VR-21	Quartz, with limonite, orange and beige areas
VR-22	Quartz with limonite
VR-23	Quartz, orange tinge with muscovite / limonite on fractures
VR-24	Quartz, orange with limonite and muscovite
VR-25	Quartz with limonite and muscovite
VR-27	Quartz, orange, fractures with limonite
VR-28	Quartz, orange with lots of Mn on side
VR-29A	½ of VR-29B
VR-29B	Quartz, orange stain, few fractures with limonite