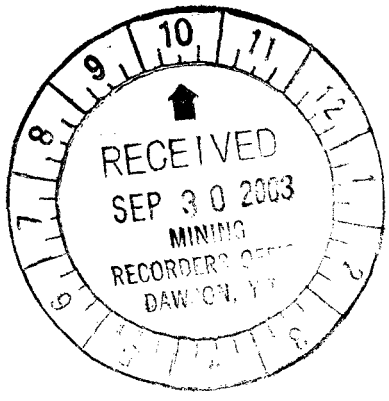
Geochemical and Prospecting Report
on the
UNI 10, 12 38, 46 and CICI 3-6, 44, 46 Claims
Dawson Mining District

by

J. Peter Ross, Prospector



094424

NTS: 116 C/2
Latitude: 64° 04' N
Longitude: 140° 56' W
Dates Worked: August 30 – Sept. 20, 2002

Dated: September 2003

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Chapter One: SUMMARY and CONCLUSIONS

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 untested gold soil anomalies are present. This report covers the exploration of two of them.
7. Western Area: Fifty-five (55) soil samples were taken and tested for A) ICP-MS IDX (30g) 36 elements and Au and B) 30g Au fire assay. Twenty-eight (28) float samples were taken, twenty (20) were tested for A) ICP-MS ID 30 elements and Au and B) 30g Au fire assay. Twenty-two of fifty-five soils ran from 9 – 226 ppb Au. Kennecott considered 9 ppb Au to be the 80th percentile. Three rock samples ran 108 ppb Au, 139 ppb Au and 282 ppb Au.
8. Eastern Area: Thirty-nine (39) soil samples were taken and tested for A) ICP-MS IDX (30g) 36 elements and Au and B) 30g Au fire assay. Twenty-five (25) rock samples were taken, fourteen (14) were tested for A) ICP-MS ID 30 elements and Au and B) 30g Au fire assay. The eastern area was an extension of an area of Kennecott's 1999 work and adjoined an anomalous Au in soils area. Four (4) of thirty-seven (37) soil samples returned values of 9 ppb Au or better. Two soils were taken to confirm Kennecott's soil Au values and returned lower values. The best rock ran 12 ppb Au.

1.2 Recommendations

Although results were disappointing, the claims will be kept as a lot of work has been done and some companies and individuals in the past have expressed an interest in the area. Further work is not planned at the present time.

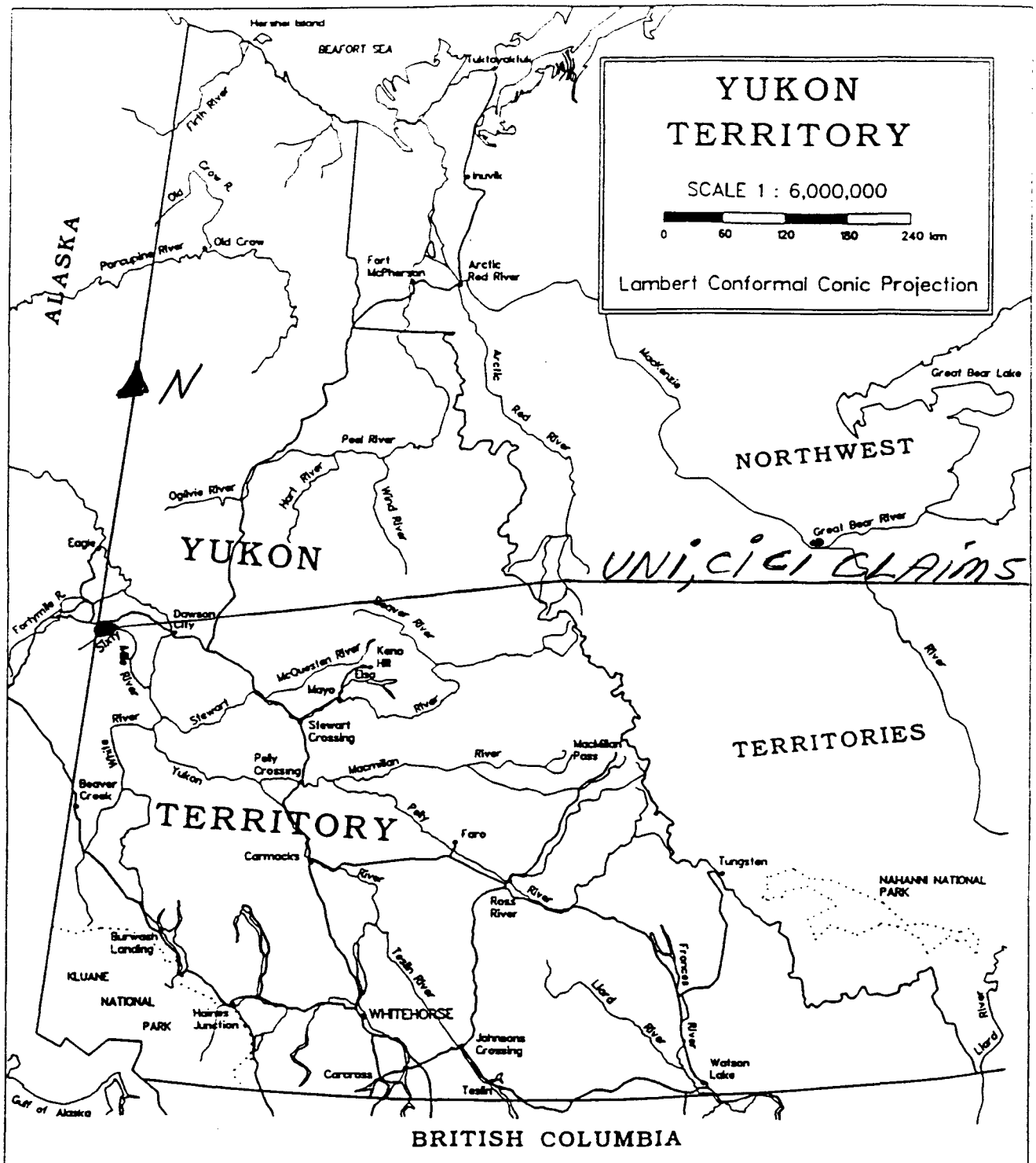

FIGURE #1

LOCATION MAP

UNI 10, 12, 38, 46

CICI 3-6, 44, 46 (2002)

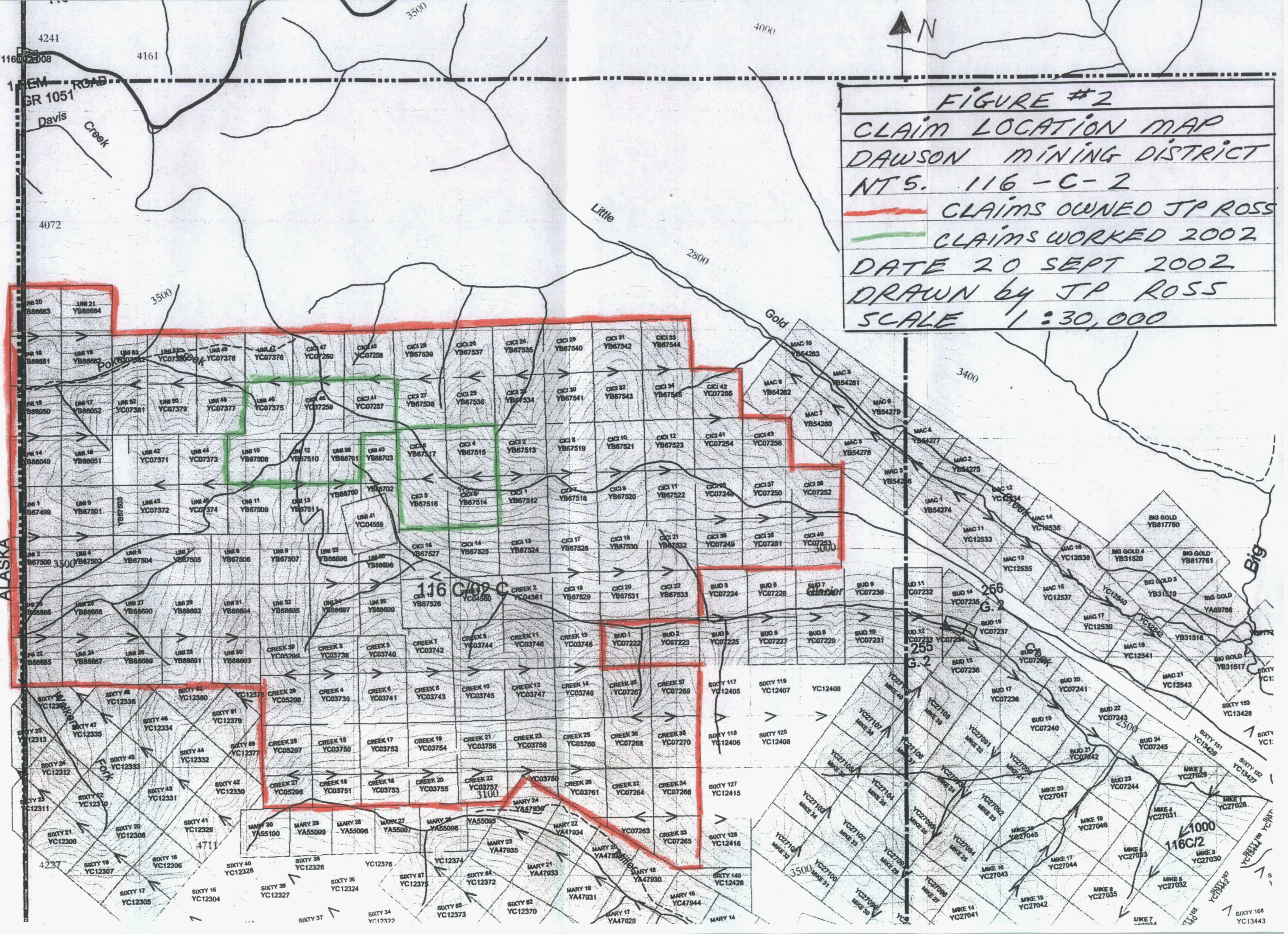
FIGURE #2
CLAIM LOCATION MAP
DAWSON MINING DISTRICT
NTS. 116-C-2
CLAIMS OWNED JP ROSS
CLAIMS WORKED 2002
DATE 20 SEPT 2002
DRAWN by JP ROSS
SCALE 1:30,000
N
ALASKA
Davis Creek
Little Gold Creek
Big
116 C/02 C
116C/2

Geological Legend

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
DMsq		Late Devonian to early Mississippian. Undifferentiated Nasina Assemblage	Graphitic and non-graphitic micaceous quartzite micaceous phyllite chlorite schist and minor marble

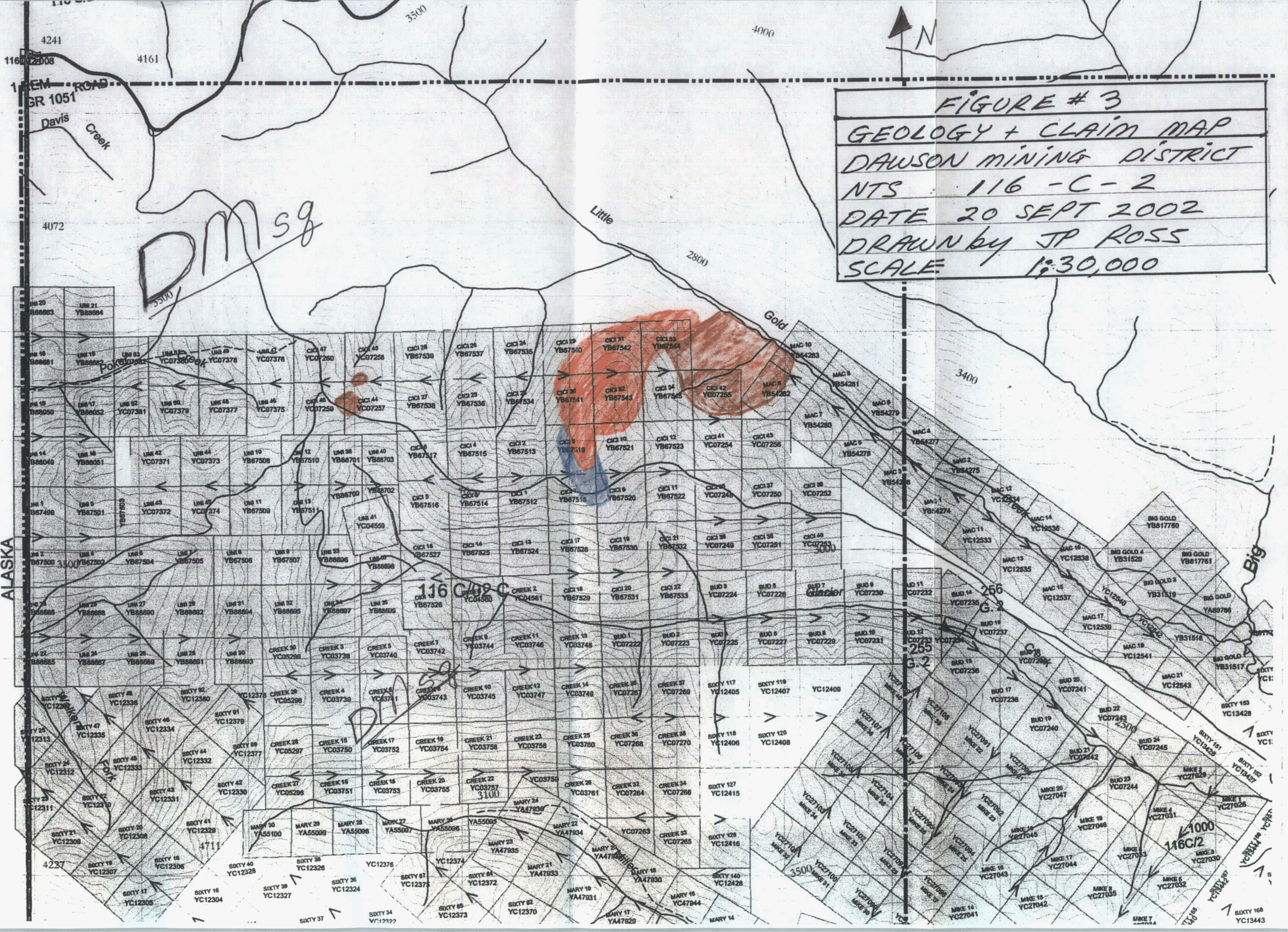
FIGURE # 3
GEOLOGY + CLAIM MAP
DAWSON MINING DISTRICT
NTS 116-C-2
DATE 20 SEPT 2002
DRAWN by JP ROSS
SCALE 1:30,000
N
ALASKA
Davis Creek
Little Gold
Dmsg
116 C/02 C
Big

N

UNI 46
YC07375

CICI 46
YC07259

CICI 44
YC07257

MINING ROADS

D+375N
C+375N
A+375N
B+375N
E+375N
E+300N
E+225N
E+150N
E+75N
E
E+75S
E+150S
E+225S
E+300S
E+375S

D
C
A
B

D+375S
C+375S
A+375S
B+375S

YB 67508
UNI 10

YB 67510
UNI 12

YB 88701
UNI 38

FIGURE #4(A)
SOIL SAMPLES (WEST AREA)
DAWSON MINING DISTRICT
NTS 116-C-2
• SOIL SAMPLE SITE
DATE 20 SEPT 2003
DRAWN by JP ROSS
SCALE 1:4,500

N

UNI 46
YC07375

CICI 46
YC07259

CICI 44
YC07257

26
9
14
9
30
32
12
27
14
20
46
177
11
23
19
13
9
11
27
83
226
10

YB 67508
UNI 10

YB 67510
UNI 12

YB 88701
UNI 38

FIGURE #4(B)

SOIL SAMPLE RESULTS (WEST)

DAWSON MINING DISTRICT
NTS 116-C-2 (KENNECOT)
• 100 ppb Au eg. (9=80% ppb Au)
DATE 20 SEPT 2003
DRAWN by JP ROSS
SCALE 1:4,500

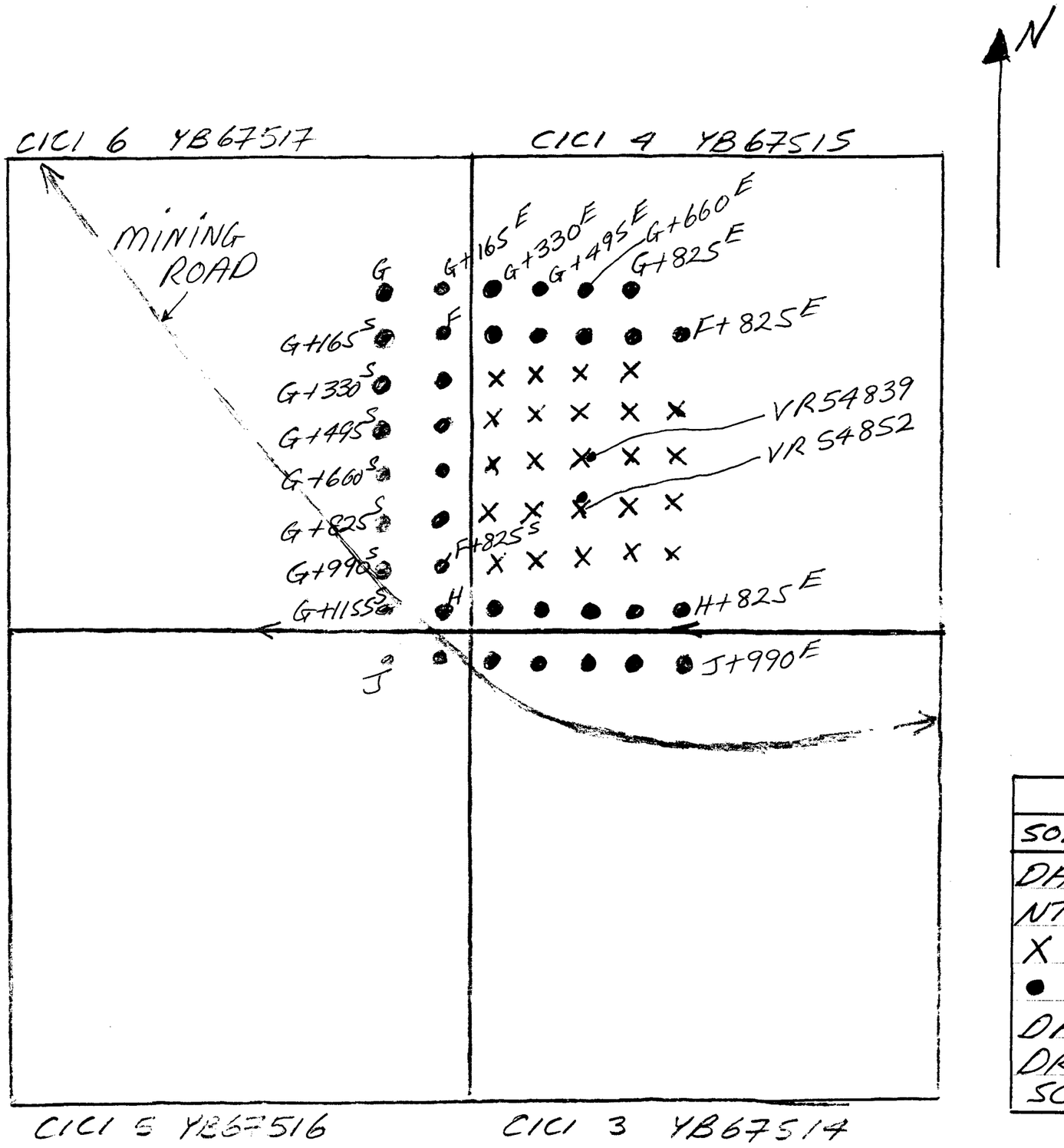

FIGURE # 5 (A)
SOIL SAMPLES (EAST GRID)
DAWSON MINING DISTRICT
NTS 116 - C - 2
X KENNECOTT'S SAMPLES
● JP ROSS' SAMPLES
DATE 20 SEPT 2003
DRAWN by JP ROSS
SCALE 1:4,500

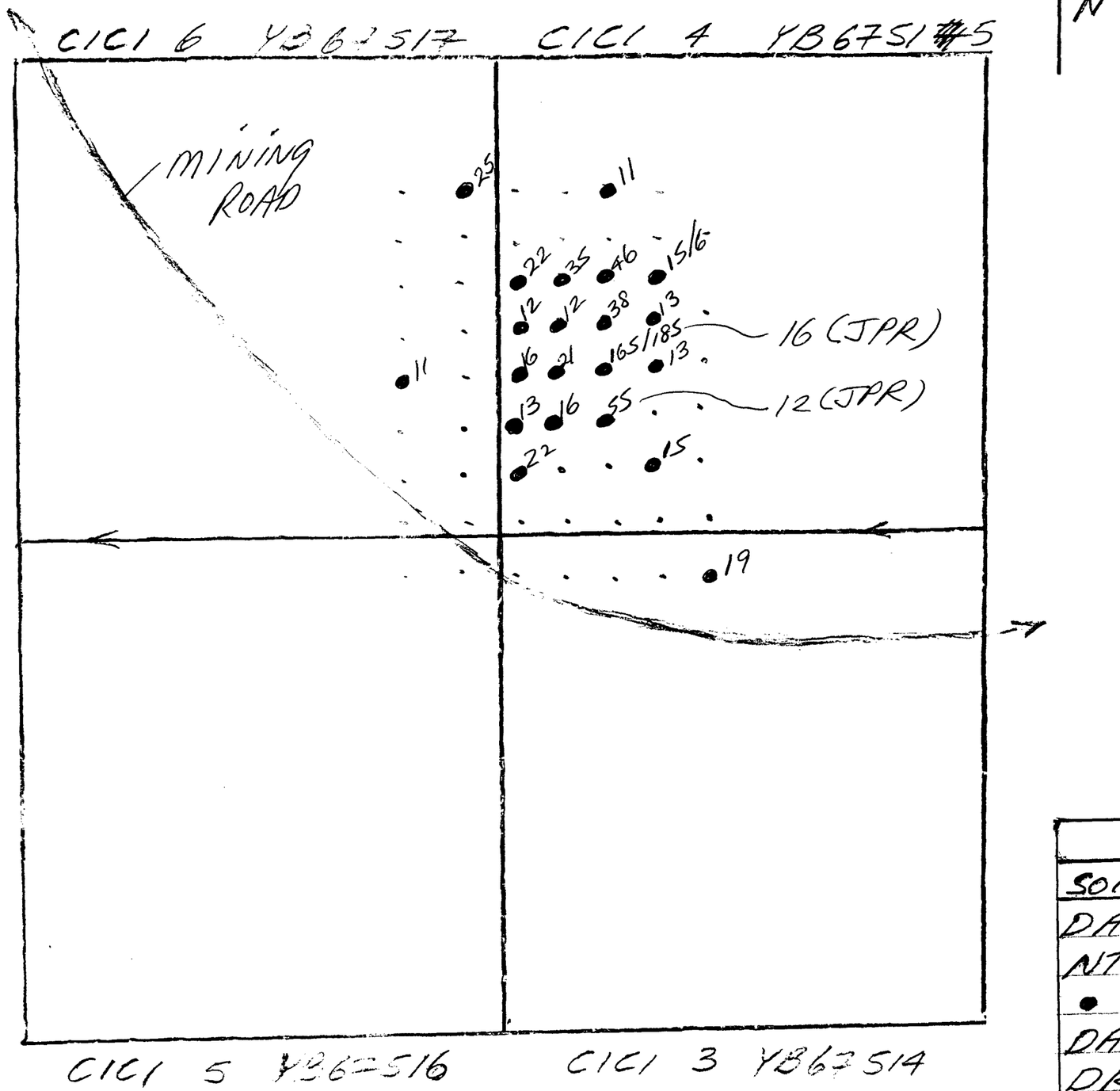

FIGURE #5 (B)
SOIL SAMPLE RESULTS (EAST)
DAWSON MINING DISTRICT
NTS 116-C-2 Kennecott
• 100 ppb Au eq (9 ppb Au = 80%)
DATE 20 SEPT 2003
DRAWN by JP ROSS
SCALE 1:4,500

N

UNI 46
YC07375

CICI 46
YC07259

CICI 44
YC07257

mining roads

D+375N

RD+150N

8,9,10 SMR

C+300N

SMR1-7

SMR12-14

B+225S
SMR15-17

B+300S
B+300S

1A+225S (139ppb Au)
2A+225S (108ppb Au)
3A+225S (282ppb Au)
4A+225S
A+225S

YB 67508
UNI 10

YB 67510
UNI 12

YB 88701
UNI 38

FIGURE # 6(A)
FLOAT SAMPLES (WEST AREA)
DAWSON MINING DISTRICT
NTS 116 - C - 2
x sample No test 4A+225S (282ppb Au) eg.
DATE 20 SEPT 2003
DRAWN by JP ROSS
SCALE 1:4,500

CICI 6 YB67517 CICI 4 YB67517

N

mining road

OLD GOLD PAN + WOOD

SMR37

SMR 31, 33, 34, 35

SMR36

SMR 38, 39

SMR28, 29

SMR30

SMR43

SMR32

SMR42

SMR22 23, 24, 25, 26

18, 19, 20, 21

SMR 40, 41

SMR27

CICI 5 YB67516 CICI 3 YB67514

FIGURE # 6(B)
FLOAT SAMPLES (EAST AREA)
DAWSON MINING DISTRICT
NTS 116-C/2
X SAMPLE SITE SMR 21 eg
—— X NO TEST
DATE 20 SEPT 2003
DRAWN by JP ROSS
SCALE 1:4,500

Chapter Two: INTRODUCTION

2.1 Introductory Statement

From August 30, 2002 to September 20, 2002, J.P. Ross prospected on the claims and took 93 new soil samples (two were taken to check 1999 Kennecott values) and 53 rock samples (34 were tested).

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 by the Top of the World Highway, seasonal and then rough mining roads. One can camp on the roads and walk to the claim areas.

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

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

Kennecott sample (soil) sites were marked with flagging tape and aluminum tags.

Chapter Three: PROPERTY DESCRIPTION

Claim Name	Grant No.	Grouping	Expiry Date
CICI 3	YB67514	pending	2007.03.31
CICI 4	YB67515	pending	2007.03.31
CICI 5	YB67516	pending	2007.03.31
CICI 6	YC01044	pending	2007.03.31
CICI 44	YC01045	pending	2007.03.31
CICI 45	YC01046	pending	2007.03.31
CICI 46	YC01047	pending	2007.03.31
CICI 47	YC01048	pending	2007.03.31
UNI 10	YB67508	pending	2007.03.31
UNI 12	YB67510	pending	2007.03.31
UNI 18	YB88681	pending	2007.03.31
UNI 19	YB88682	pending	2007.03.31
UNI 20	YB88683	pending	2007.03.31
UNI 21	YB88684	pending	2007.03.31
UNI 22	YB88685	pending	2007.03.31
UNI 23	YB88686	pending	2007.03.31
UNI 24	YB88687	pending	2007.03.31
UNI 25	YB88688	pending	2007.03.31
UNI 26	YB88689	pending	2007.03.31
UNI 27	YB88690	pending	2007.03.31
UNI 28	YB88691	pending	2007.03.31
UNI 29	YB88692	pending	2007.03.31
UNI 30	YB88693	pending	2007.03.31
UNI 31	YB88694	pending	2006.03.31
UNI 32	YB88695	pending	2006.03.31
UNI 33	YB88696	pending	2006.03.31
UNI 34	YB88697	pending	2005.03.31
UNI 35	YB88698	pending	2006.03.31
UNI 36	YB88699	pending	2005.03.31
UNI 37	YB88700	pending	2007.03.31
UNI 38	YB88701	pending	2007.03.31
UNI 39	YB88702	pending	2007.03.31
UNI 40	YB88703	pending	2007.03.31
UNI 41	YC04559	pending	2007.03.31
UNI 46	YC07375	pending	2007.03.31
UNI 47	YC07376	pending	2007.03.31
UNI 48	YC07377	pending	2007.03.31
UNI 49	YC07378	pending	2007.03.31
UNI 50	YC07379	pending	2007.03.31
UNI 51	YC07380	pending	2007.03.31
UNI 52	YC07381	pending	2007.03.31
UNI 53	YC07382	pending	2007.03.31

Chapter Four: GEOCHEMICAL SURVEY and PROSPECTING

4.1 General

All of J.P. Ross soil samples sites were marked with flagging (yellow/blue) and a lath and an aluminum tag and hammered into the ground close to the site. The western grid area lines were 200 yards apart and at 75-foot intervals. Sample depth was variable but the B-horizon was sampled. The eastern grid area intervals were 165 feet to match Kennecott's 1999 grid, which were 50 metre intervals (165 feet). Soil depths were variable but the B-horizon was sampled.

The soil samples were screened to –80 mesh and tested by ACME Labs Ltd. of Vancouver, BC.

The float samples taken by J.P. Ross were marked with orange flagging tape and tested by ACME Labs Ltd. Samples not tested, and a reference of the tested samples were kept for future use.

Work was done on the UNI 10, 12, 38, 46 and the CICI 3, 4, 5, 6, 44, 46 claims.

4.2 Interpretation

The western grid area was chosen because 2 (1999) Kennecott soil samples VR83160A (31 ppb Au) and VR83384A (19 ppb Au) VR83385A (37 ppb Au) were on a saddle between the headwaters of Poker Creek (gold placer) and Glacier Creek (gold placer).

The eastern grid area was chosen because in 1999 Kennecott samples showed a 150m x 200m Au anomaly open to the north, west and south. The anomaly was located on top of a relatively small flat hill.

Acme Labs Ltd. tested the soil samples by –80 mesh, ICP-MS (IDX- 30 g Au and 36 elements) and 30g Au fire assay.

On the western grid 5 lines were done and 11 samples were taken on each line.

The ICP-MS test had 21 samples at 9 ppb or better up to 54 ppb Au. The average was 26 ppb Au.

The fire assay test had 21 samples from 9 ppb Au to 222 ppb Au, averaging 46 ppb Au. VR83160A (31 ppb Au) was at site A which was 53.7 ppb Au ICP-MS and 20 ppb Au fire assay. VR83384A + VR83385A were at site B and were 21.2 ppb Au ICP-MS and 5 ppb fire assay. Because of the higher values in Au 30g fire assay, fire assay values were plotted.

The western grid shows erratic trends (needs more samples) in Au, and the Kennecott values were confirmed. As anomalies are present but not always associated with gold. C line had no Au fire assay 9 ppb or better, but had an ICP-MS hit at C+75N of 27.7 ppb Au and at C+ of 13.0 ppb Au.

The eastern grid has 37 new sites and 2 to match the 1999 Kennecott work. ACME Labs did the same tests. Only 4 of 39 soils were 9 ppb or better – from 11 to 25 ppb Au.

Kennecott samples VR54839A and VR83058 were taken at the same location. VR54839A (165 ppb Au) and VR83058 (185 ppb Au) were re-tested as VR54839. The sample was taken a few feet from the original site and ran 16 ppb Au (FA).

VR54852A (55 ppb Au) was re-tested as VR54852. The sample was taken 15 feet away and ran 12 ppb Au (FA).

The eastern grid was not extended in area and may be masked by overburden depth.

The rock samples were disappointing but the best Au values on the west grid were iron rich with some Sb, As and Ag. The best samples were 108 ppb Au, 139 ppb Au and 282 ppb Au.

The soil samples were hard to get in many areas. The soil was very rocky and hard to go down in depth. Some are very organic and light after drying, especially G+330S, F, F+165E, F+825E and J. Depths were usually 1-2 feet to the B-horizon.

Many rock samples were cracked open for inspection. The best areas to look were the sides of roads. Much of the area was grass covered. Suprisingly Kennecott's eastern grid had no samples worth collecting or testing.

The area is known for coarse placer gold. Values in soil were depressed by leaching (no glaciation). Angus Woodsend (auger drill contractor) says that no minus 70 mesh Au has been found in placer drilling. Kennecott (571 soils) placed the 80th percentile at 9 ppb Au.

Mike Marchand of Madrona Mining Ltd. thought a little more work would identify drill targets.

Tor Bruland of Cascade Geological Services likes the property. He thinks panning the soils as is done in Bolivia is the best exploration technique here. An old rusted gold pan and some wood was found at the F+165 soil sample site on the eastern grid area. Roger Hulstein of Kennecott saw areas he thought the old timers had dug up and panned areas on top of the hills and ridges.

As one can drive to some of the anomalous areas and transport water in the truck, panning soils may be a good tool to use.

Some of the ridges and hilltops are anomalous for gold and warrant further exploration.

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.

Digital data file. Results of work done in 1999. Kennecott 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 deposits
Roger Hulstein, Kennecott geologist (1999 program)

YUKON MINFILE
YUKON GEOLOGY PROGRAM
WHITEHORSE

MINFILE: 116C 146
NAME: CEDAR
DEPOSIT TYPE: VEIN
STATUS: ANOMALY
TECTONIC ELEMENT: YUKON-TANANA TERRANE

NTS MAP SHEET: 116C\2
LATITUDE: 64° 2' 26" N
LONGITUDE: 140° 54' 48" W

OTHER NAME(S): BIRCH
MAJOR COMMODITIES: ZINC, GOLD
MINOR COMMODITIES: LEAD, COPPER
TRACE COMMODITIES: TUNGSTEN, ARSENIC

CLAIMS (PREVIOUS & CURRENT)

CICI, CREEK, FALCON, GL

WORK HISTORY

Staked as Birch & Cedar cl (YA65135) in Jul/82 by S. Takacs. S. Stempien staked Logger cl (YA65134) 3 km to the NE in Jul/82 and A. Olsson tied Dart cl (YA65185) onto Cedar in Sep/82. Noranda Exploration Company Ltd added LGC cl (YA85139) to the west and north in Dec/84 and performed geochem sampling in 1985.

Restaked as Falcon cl (YA88157) in Aug/86 by D. Olsson, who trenched later in the year. J. Stempien tied on Stemco cl (YA88173) to the north in Aug/88. The Falcon group was surrounded by GLA cl (YB5453) in Jun/88 by Dawson Eldorado Mines Ltd. J. Moreau tied on Dianne cl (YBI7380) to the east in Jun/88. The GLA claims were explored by mapping and geochem surveys in 1989 while the Falcon claims were transferred in Jul/89 to Altak Mining & Exploration Ltd, which performed trenching later that year.

Restaked as GL 1-8 (YB54241) by R. Beckett in Sept/95. Beckett also staked GL cl 9-12 (YB54249) 1km to the southwest.

In Oct/95 J.P. Ross staked Cici cl 1-34 (YB67512) north of GL cl 1-8. In 1996 Madrona Mining Ltd optioned the Cici and neighboring Uni claims (Yukon Minfile Occurrence #116C 020) from Ross. The company flew an airborne electromagnetic, magnetic and radiometric survey over the claims in Jul/96.

In Mar/97 Madrona staked Creek cl 3-26 (YB03738) to the south. The actual occurrence was restaked as Creek cl 1-2 (YC04560) in Sep/97. In the fall of 1997 the company carried out an extensive soil sampling program over the claim block. In Jun/98 the company staked Creek cl 31-38 (YC07263) and Cici cl 35-47 (YC07248) to cover geochemical anomalies located on open ground.

GEOLOGY

The occurrence is located in the Yukon-Tanana Terrane west of Dawson City, Yukon. The region escaped glaciation thus there is very little exposed outcrop in the area. Preliminary mapping by Madrona Mining Ltd indicates that the occurrence is underlain by Devonian to Mississippian Nasina Assemblage rocks consisting of quartz carbonaceous schist and quartz muscovite schist. A large unit of Nasina metavolcanics cuts across the Cici and Creek claim

blocks. A younger unit of Mt. Nansen Group andesite occurs in the northeast corner of the Cici claim block.

The 1982 staking may have been related to placer mining. Noranda staked their claims to follow up anomalous stream sediment anomalies reported by Glasmacher in 1984. Despite extensive sampling, Noranda failed to replicate Glasmacher's results.

Glasmacher and Friedrich (1992) described mesothermal quartz-carbonate-sulphide veins which cut metamorphic rocks in this area. Their studies indicate two stages of vein formation. Weakly anomalous gold values are associated with arsenopyrite deposited from high temperature (320-350 C) saline fluids (12.8 wt-% NaCl equivalent) of the first stage.

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.

The soil survey 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. Alternately it may reflect the presence of a specific geological unit.

REFERENCES

AERODAT INC, , Nov/96. Assessment Report #093559 by R.W. Woolham .

GLASMACHER, U., 1984. Geology, Petrography and Mineralization in the Sixty Mile Area. Unpublished Diploma Thesis, Technical University of Aachen, Germany.

GLASMACHER, U. and FRIEDRICH, G., 1992. Gold-sulphide enrichment processes in mesothermal veins of the Sixtymile River area, Yukon Territory, Canada. In: Yukon Geology Vol. 3, Exploration and Geological Services Division, DIAND, p. 292-311.

MADRONA MINING LTD, Apr/98. Assessment Report #093792 by M. Marchand.

MADRONA MINING LTD, Press Releases. 23 Jan/97, Mar/97

NORANDA EXPLORATION COMPANY LTD, Apr/86. Assessment Report #091797 by M.P. Webster.

YUKON EXPLORATION AND GEOLOGY 1997, p. 21, 36.

Barramundi Gold continued to work on their **Longline** (Yukon Minfile, 1997, 115N 024) property, which is the most advanced property in the northern portion of the Dawson Range. The company carried out two phases of diamond drilling (Fig. 15), 53 kilometres of Gradient Induced Polarization, 25 kilometres of Real Section Induced Polarization surveys, geochemical surveys, prospecting and sampling. The property is underlain by granodiorite of the Klotassin Batholith, which is host to several high-grade quartz-sulphide vein occurrences. The first phase of drilling was directed at outlining a small reserve on the V2 vein, which could then be bulk sampled. The vein was tested with 22 holes totalling 550 metres. Assays up to 386.6 g/t Au over 0.66 metres were obtained from the drilling. The drilling was difficult with variable core recovery, and the results reflect the strong nugget effect that is evident from surface sampling. A second phase of drilling was conducted after a financing arrangement and joint venture agreement with Newmont Exploration. This phase of drilling targeted coincident gold-arsenic-geochemical and geophysical (gradient I.P.) anomalies, which had never been previously tested. Twelve holes totaling 2100 metres were drilled. High-grade quartz veining, similar to veining cutting the granodiorite on surface, was intersected at depth with values up to 45.7 g/t Au over 0.20 metres. Several drill holes intersected altered granodiorite, consisting of locally intense sericite and silica alteration with disseminated arsenopyrite and pyrite. The alteration zones assay as high as 3.19 g/t Au over 27 centimetres and 2.23 g/t Au over 1.00 metre. These zones generally range between 0.10 and 0.30 g/t Au over widths of 10 to 20 centimetres; these zones average 1-2 per metre over several metres cored width. An average of 20 alteration zones occur per hole, with 52 found in hole LL99-10.

Troymin Resources Ltd. conducted an exploration program consisting of stream sediment sampling, ridge-and-spur soil sampling, rock sampling and mapping on its newly staked **Moosehorn Property** adjacent to the Longline property. The property covers 294 LAD claims in the Moosehorn Range mountains, 80 kilometres north of Beaver Creek. The stream sediment sampling program identified three areas of anomalous metal zonation: 1) the northwest part of the property is Bi-rich; 2) the central part of the property is Au, Ag and As-rich; and 3) the south-central part of the property is Sb-rich. Anomalous Zn, W and Hg values are irregularly distributed throughout the property. Gold values in stream sediments range from less than detection (< 0.2 ppb) to 701.6 ppb, with 5 samples greater than 100 ppb. The ridge-and-spur soil sampling program returned values up to 364 ppb Au, with 4 samples > 100 ppb. Three areas of coincident, anomalous Au, Ag, As, Sb, Bi, Pb and Zn were identified, two of which are greater than 400 metres long. Rock samples from the property returned values up to 432 ppb Au, 0.4% Pb, 1.2% Zn, 10.2 g/t Ag and 0.45% As (S. Casselman, pers. comm., 1999).

Kennecott Canada conducted geochemical surveys, geological mapping, prospecting, minor trenching and airborne geophysical surveys on the Sixty and Poker Creek properties in the Sixty Mile Creek, Glacier Creek and Miller Creek areas. No results from the program were released.

Nordac and Expatriate Resouces formed the Eureka Joint Venture to explore the Eureka-Armenius, Forty and Track properties in west-central Yukon. The properties are all within historic placer gold mining areas. The properties were explored with geochemical sampling, mapping, prospecting and hand trenching. The **Track** (Yukon Minfile, 1997, 116C 137) property, about 50 kilometres northwest of Dawson City, hosts tungsten-bearing skarns developed in metasedimentary rocks along the north side of a Cretaceous intrusion. Prospecting in a heavily vegetated area near one of the skarn showings located float specimens that returned anomalous gold, bismuth and tungsten values. The best specimen yielded 3.59 g/t Au, 1655 ppb bismuth and 810 ppm tungsten.

The **Eureka/Armenius** (Yukon Minfile, 1997, 115N 057) properties adjoin one another and collectively total 386 claims covering 8000 hectares. They are located in the southern part of the Klondike Goldfields and are easily accessible by an extensive network of roads serving

Appendix 2

Statement of Costs

Claims: UNI 10, 12, 38, 46. CICI 3, 4, 5, 6, 44, 46.

Dates worked: 30 August, Sept. 1-6, 8-10, 12-17, 20

Item	Details	Amount and Unit Cost	Total Cost
Labour	J. Peter Ross	17 days @ $250/day	$4,250.00
Camp Costs		17 days @ $35.00/day	595.00
Transportation	GMC rental	1,155 km @ $0.48/km	545.40
	GMC rental	$1,450/mon. x 0.25 x 22/30	265.83
Assaying	ACME Labs	94 soil samples	2,398.53
	ACME Labs	34 rock samples	566.54
	Shipping to ACME	via bus	50.00
	Soil sample bags	94 @ $0.34 ea.	31.96
	Rock sample bags	100 @ $0.20 ea.	20.00
Radio	Self-owned	SBX 11. $150 x 0.25 x 22/30	27.50
Report Preparation			750.00
		TOTAL COST	$9,509.76

Group A: Dates worked: August 30, Sept. 1 – 6, 9, 10, 12, 20. Two thousand three hundred dollars ($2,300.00) will go towards the following claims and renewal periods. UNI 22-27, 29 – 3 years. UNI 31 – 2 years.

Group B: Dates worked: August 30, Sept. 1 – 6, 8-10, 20. Two thousand eight hundred dollars ($2,800.00) will go towards the following claims and renewal periods. CICI 44-47 – 2 years. UNI 18-21 – 3 years. UNI 46-53 – 1 year.

Group C: Dates worked: : August 30, Sept. 12-17, 20. Three thousand two hundred dollars ($3,200.00) will go towards the following claims and renewal periods. CICI 3-6 – 1 year. UNI 28, 30 – 3 years. UNI 32, 33 – 2 years. UNI 34 – 1 year. UNI 35 – 2 years. UNI 36 – 1 year. UNI 37-40 – 3 years. UNI 41 – 2 years.

Appendix 3

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, MARUI
   2002 – Enzyme Leach, Actlabs, Cordilleran Roundup Course
   2002 – GPS Course, Yukon College, Whitehorse
   2002 – Gem Exploration Short Course, Yukon Geoscience Forum
   2003 – Gold, Cordilleran Roundup 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 – 2001, 2003

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
27 Sept 2003

Appendix 4

Rock Sample Geochemistry – Assay Results

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Ross, John Peter PROJECT 60 MILE File # A303315

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 ppm	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	Au** ppb
SI	<1	5	<3	1	<.3	8	1	8	.05	2	<8	<2	<2	2	<.5	<3	<3	<1	.08	<.001	<1	2	.04	2	<.01	<3	.01	.39	.02	<2	<2
1A+225S	5	219	31	169	3.8	89	<1	27	13.13	277	<8	<2	2	10	.9	24	<3	22	.01	.196	1	25	.01	753	<.01	<3	.31	<.01	.09	<2	139
2A+225S	8	398	6	248	2.6	106	1	91	12.66	465	<8	<2	2	3	1.6	19	16	34	.02	.313	2	61	.02	125	<.01	<3	.47	<.01	.08	>200	108
3A+225S	9	395	11	453	2.3	174	2	207	20.96	506	<8	<2	3	4	2.4	34	<3	29	.02	.378	1	41	.01	105	<.01	<3	.38	<.01	.06	2	282
4A+225S	5	19	<3	12	<.3	8	1	52	.98	23	<8	<2	<2	1	<.5	<3	<3	3	.01	.023	1	24	.01	37	<.01	<3	.07	<.01	.04	20	3
RD+375N	1	59	14	144	<.3	1451	168	3975	3.50	2001	<8	<2	<2	5	1.3	<3	<3	52	.10	.017	2	1715	2.21	95	.01	<3	1.45	<.01	.01	2	3
RD+150N	4	16	4	10	<.3	5	1	46	1.85	61	<8	<2	3	4	<.5	<3	<3	7	<.01	.032	4	18	.01	140	<.01	<3	.18	<.01	.10	10	17
STANDARD DS5/AU-R	12	140	24	130	<.3	24	12	743	2.84	19	<8	<2	3	47	5.4	4	6	57	.72	.090	12	185	.64	140	.09	16	2.01	.03	.14	4	479

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.

DATE RECEIVED: AUG 11 2003 DATE REPORT MAILED: Sept 1/03 SIGNED BY. C. Leong .. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Ross, John Peter PROJECT 60 MILE File # A303937

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 ppm	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	Au** ppb
SI	<1	4	<3	2	.3	2	<1	10	.08	5	<8	<2	<2	4	<.5	<3	<3	1	.17	<.001	<1	1	.01	10	<.01	<3	.02	.69	<.01	<2	<2
SMR 1	<1	47	3	18	<.3	16	4	92	1.57	157	<8	<2	<2	10	<.5	<3	<3	8	.11	.060	2	6	.04	30	<.01	<3	.11	.01	.01	<2	<2
SMR 2	<1	6	<3	4	.4	2	<1	18	.30	12	<8	<2	<2	1	<.5	<3	<3	2	.01	.003	<1	5	.01	20	<.01	<3	.04	.01	.01	<2	11
SMR 3	3	252	11	92	.9	90	5	169	7.63	1950	<8	<2	5	12	1.2	18	3	67	.02	.170	3	20	.02	166	<.01	<3	.44	<.01	.08	6	50
SMR 5	2	170	6	48	.5	45	4	115	3.97	2271	<8	<2	3	.6	.8	<3	<3	21	.01	.094	2	15	.02	289	<.01	<3	.25	<.01	.06	2	27
SMR 6	<1	1	6	63	<.3	74	20	1126	3.57	18	<8	<2	<2	69	<.5	<3	<3	151	4.71	.046	1	138	4.02	500	.07	<3	3.50	.02	.71	4	<2
SMR 7	2	86	<3	22	<.3	18	1	33	3.54	310	<8	<2	4	5	<.5	3	<3	20	.03	.123	7	12	.03	124	<.01	<3	.29	<.01	.09	<2	55
SMR 8	3	111	5	140	<.3	59	5	110	*7.20	5359	<8	<2	2	13	1.2	8	<3	41	.05	.141	4	29	.13	130	<.01	<3	.87	<.01	.07	3	22
SMR 9	3	12	32	19	<.3	7	1	37	1.33	444	<8	<2	<2	3	<.5	<3	3	5	.03	.026	1	8	.02	29	<.01	<3	.09	<.01	.02	<2	<2
SMR 10	<1	63	<3	48	<.3	28	2	82	1.89	1093	<8	<2	2	24	<.5	<3	<3	22	.02	.043	5	20	.19	158	<.01	<3	.69	<.01	.10	<2	4
SMR 12	5	69	5	31	.3	9	<1	38	4.48	105	<8	<2	<2	9	<.5	5	4	10	.01	.083	2	11	.02	91	<.01	<3	.23	<.01	.07	<2	39
SMR 13	3	49	8	11	<.3	7	1	61	2.27	120	14	<2	<2	18	<.5	6	3	13	.02	.067	2	9	.02	92	<.01	<3	.17	<.01	.08	<2	13
SMR 14	2	34	7	12	<.3	9	2	66	2.17	83	<8	<2	<2	27	<.5	4	<3	14	.01	.074	1	12	.01	103	<.01	<3	.17	<.01	.08	<2	12
RE SMR 14	2	34	5	12	<.3	8	2	64	2.20	86	<8	<2	<2	28	<.5	3	<3	14	.01	.076	2	10	.01	109	<.01	<3	.18	<.01	.08	<2	9
SMR 18	3	72	4	17	<.3	9	2	169	2.52	45	<8	<2	2	5	<.5	<3	<3	16	.01	.050	2	11	.02	39	<.01	<3	.52	<.01	.04	<2	4
SMR 19	2	33	3	36	<.3	7	1	25	1.69	16	<8	<2	<2	5	<.5	<3	<3	12	.01	.030	<1	6	.01	19	<.01	<3	.30	<.01	.02	<2	10
SMR 21	3	29	6	10	<.3	5	<1	22	1.15	10	8	<2	<2	14	<.5	<3	<3	17	.01	.030	2	8	.03	46	<.01	<3	.28	<.01	.06	<2	8
SMR 24	3	149	<3	31	<.3	8	1	70	4.81	35	<8	<2	<2	6	<.5	<3	<3	17	<.01	.116	2	13	.01	45	<.01	<3	.64	<.01	.07	2	8
SMR 26	2	110	5	194	.9	22	7	1526	3.91	33	<8	<2	<2	7	<.5	<3	<3	11	.01	.073	2	7	.01	51	<.01	<3	.37	<.01	.02	3	7
SMR 27	1	31	<3	172	<.3	27	8	152	1.73	21	<8	<2	<2	3	<.5	<3	<3	6	.01	.033	2	4	.05	23	<.01	<3	.21	<.01	.02	2	3
SMR 28	4	67	3	236	<.3	45	3	354	5.79	10	<8	<2	3	3	<.5	<3	<3	67	.01	.156	7	18	.21	34	<.01	<3	.57	<.01	.02	2	<2
SMR 29	7	187	60	349	<.3	64	8	591	10.84	4	11	<2	3	7	<.5	<3	<3	53	.01	.189	12	15	.10	83	<.01	<3	.52	<.01	.07	3	<2
SMR 30	4	148	6	702	<.3	111	9	330	11.58	44	8	<2	3	3	<.5	6	<3	16	.01	.140	6	11	.01	49	<.01	<3	.41	.01	.07	3	7
SMR 33	5	42	5	154	.6	21	2	67	2.29	5	<8	<2	2	6	<.5	<3	<3	67	.01	.055	11	25	.07	235	<.01	<3	.36	<.01	.11	<2	2
SMR 34	5	51	6	136	.4	17	2	133	2.42	5	<8	<2	4	6	<.5	<3	<3	90	.01	.071	12	39	.21	181	<.01	<3	.52	<.01	.10	<2	<2
SMR 35	2	30	24	52	.4	9	1	56	1.17	4	<8	<2	3	5	<.5	<3	<3	40	.01	.047	9	18	.14	130	<.01	<3	.34	<.01	.09	<2	5
SMR 36	1	33	<3	62	<.3	8	2	58	1.35	15	<8	<2	<2	2	<.5	<3	<3	6	<.01	.023	3	6	.01	18	<.01	<3	.11	<.01	.03	<2	4
SMR 39	<1	8	<3	14	<.3	3	<1	25	.62	14	<8	<2	<2	2	<.5	<3	3	5	<.01	.013	2	4	.06	16	<.01	<3	.16	<.01	.01	<2	2
SMR 40	11	143	3	503	<.3	82	21	422	8.48	58	<8	<2	2	5	<.5	6	<3	23	<.01	.181	6	10	.01	36	<.01	<3	.45	<.01	.05	2	12
SMR 42	1	47	<3	198	.3	28	23	1500	2.51	13	<8	<2	<2	3	<.5	<3	<3	6	<.01	.036	2	5	.01	43	<.01	<3	.26	<.01	.02	2	10
STANDARD DS5/AU-R	11	136	25	129	<.3	24	11	728	2.82	19	<8	<2	4	49	5.1	4	7	58	.81	.090	13	193	.63	137	.10	14	1.96	.03	.14	4	490

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 2003 DATE REPORT MAILED: Sept 17/03 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA

Appendix 5

Rock Sample Descriptions

Sample Number	Description
1A+225S	Iron limonitic rich rock with pieces of schist, less limonite than 2 and 3 following
2A+225S	Iron limonitic rich rock with pieces of schist
3A+225S	Iron limonitic rich rock with pieces of schist
43A+225S	Schist with orange quartz stringers
A+225S	Bluish schist, fractured with limonite. Not tested.
B+225S	Schist with limonite, fractures. Not tested.
B+300S	Quartzite, vein material with limonite. Not tested.
B+300S	Schist, vuggy with limonite. Not tested.
C+300N	Grey rock? With inclusions, porphyry? Not tested.
D+375N	Limonitic quartz rich rock
RD+150N	Schist with limonite and open fractures
SMR 1	Quartz vein with limonite and vugs
SMR 2	Quartz vein with limonite and vugs and some sulphides
SMR 3	Schist with limonite and fractures
SMR 4	Quartzite with fractures and limonite. Not tested.
SMR 5	Limonite breccia?
SMR 6	Grayish rock with carbonate
SMR 6	Grab bag of 4 rocks. Not tested.
SMR 7	Schist with limonite, fractures and a gray tinge
SMR 8	Schist with limonite, quartz and pyrite
SMR 9	Quartz, some limonite and vugs
SMR 10	Schist fractured, quartz and limonite
SMR 12	Schist fractured with limonite, blue tinge
SMR 13	Bluish rock, quartz and pyrite and limonite

Appendix 5

Rock Sample Descriptions (continued)

Sample Number	Description
SMR 14	Schist with fractures, limonite and quartz
SMR 15	Schist with slickensides
SMR 16	Schist with slickensides
SMR 17	Breccia
SMR 18	Limonitic breccia or wad
SMR 19	Quartz with blue and black areas, limonitic
SMR 20	Schist, broken up and twisted, limonitic. Not tested.
SMR 21	Schist (twisted) quartz areas and fractures, limonitic
SMR 22	Quartz rich rock with limonite. Not tested.
SMR 23	Limonitic quartz rich rock. Not tested.
SMR 24	Breccia, limonitic
SMR 25	Schist with vugs and holes, brown limonitic zones. Not tested.
SMR 26	Schist with fractures, limonitic and twisted
SMR 27	Quartzite, hard, large bluish fractures, vugs and limonitic areas
SMR 28	Schist, large vuggy areas and limonitic zones eaten away.
SMR 29	Quartzite with a platey look. Lots of limonite vugs and fractures.
SMR 30	Schist with platey look, stockwork? Lots of limonite powder in fractures.
SMR 31	Schist, twisted, limonitic. Not tested.
SMR 33	Schist, bluish, fractured, limonitic
SMR 34	Schist, slickensides, quartz stringers, fractures and limonite
SMR 35	Schist, bluish, twisted and limonite. Not tested.
SMR 35	Schist, small fractures, yellow tinge
SMR 36	Quartzite, quartz veins, fractures and limonite
SMR 37	Quartzite, black, yellow, white and quartz stringers. Not tested.

Appendix 5

Rock Sample Descriptions (continued)

Sample Number	Description
SMR 38	Quartzite with quartz veins, and limonite vuggy areas. Not tested.
SMR 39	Quartzite, blue/white with vuggy limonite areas
SMR 40	Quartzite, fractures, vuggy with black and brown limonitic areas
SMR 41	Breccia? Limonitic. Not tested.
SMR 42	Quartzite, slickensides, vugs, fractures, limonite
SMR 43	Quartzite, limonite with fractures

Appendix 6

Soil Sample Geochemistry – Assay Results

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Ross, John Peter PROJECT 60 MILE File # A303314 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	Au** ppb
G-1	2.1	3.0	2.3	44	<.1	5.0	4.3	577	2.05	<.5	1.8	1.1	4.4	92	<.1	<.1	.2	40	.58	.076	10	30.1	.62	259	.148	3	1.07	.108	.52	2.9	.01	2.6	.3	<.05	5	<.5	<2
A+375N	.5	41.5	9.6	81	.2	50.1	13.7	296	3.00	33.6	1.0	10.9	4.4	16	.2	1.0	.3	79	.23	.057	17	70.9	1.02	243	.074	1	1.99	.008	.08	.1	.04	7.7	.2	<.05	7	.6	12
A+300N	1.2	59.7	8.0	99	.2	75.0	15.3	560	3.81	100.3	1.0	6.2	3.6	16	.1	.8	.2	104	.21	.066	17	111.5	1.52	307	.091	1	2.46	.007	.19	.1	.02	10.1	.2	<.05	8	.7	6
A+225N	.8	46.0	10.1	77	.4	77.9	14.4	400	3.24	173.5	.9	8.5	2.7	16	.1	.6	.2	85	.23	.050	16	88.0	1.12	234	.066	3	2.05	.009	.13	.2	.05	7.5	.1	<.05	8	.6	6
A+150N	.9	56.8	10.4	80	.3	82.3	19.0	408	3.37	143.7	1.0	10.3	3.6	14	.2	.8	.2	81	.20	.055	18	103.9	1.32	234	.082	3	2.33	.008	.11	.2	.05	7.6	.2	<.05	7	<.5	27
A+75N	1.0	54.4	10.4	80	.2	92.0	21.7	657	3.39	143.5	.8	6.7	4.1	15	.3	.7	.2	74	.18	.037	20	94.4	1.32	283	.080	1	1.97	.004	.10	.2	.03	6.7	.1	<.05	6	.6	14
A	1.1	80.6	7.9	89	.3	79.5	19.9	762	4.01	193.0	1.0	53.7	3.0	12	.1	.7	.2	109	.13	.071	17	102.8	1.54	328	.077	1	2.33	.005	.24	.1	.03	9.4	.2	<.05	8	.9	20
A+75S	1.4	95.8	8.4	129	.2	87.1	20.6	635	4.21	698.6	1.4	49.5	3.8	16	.3	.9	.2	125	.17	.102	17	142.8	1.82	398	.061	1	2.68	.004	.24	.1	.02	11.9	.2	<.05	8	1.2	46
A+150S	2.1	161.2	9.9	95	.5	50.9	26.1	706	3.38	453.4	2.7	47.3	1.1	15	.5	1.0	.2	53	.06	.110	26	30.2	.32	161	.013	1	1.04	.003	.08	.2	.05	3.5	.2	<.05	4	1.8	177
A+225S	2.0	74.3	12.4	69	.3	22.1	10.2	335	3.33	63.4	1.2	4.4	.3	12	.3	2.3	.3	64	.07	.096	11	30.2	.26	81	.028	2	1.55	.006	.05	.1	.16	1.7	.2	.07	6	1.3	11
A+300S	1.4	29.9	11.9	62	.2	22.1	9.6	398	2.96	22.3	.7	3.6	2.3	11	.3	.9	.2	66	.10	.042	12	29.4	.34	84	.074	2	1.42	.006	.05	.2	.09	2.7	.1	<.05	7	.6	3
A+375S	1.8	74.2	8.7	96	.5	53.9	19.7	912	2.83	71.5	1.6	7.9	4.7	25	.5	2.8	.2	42	.17	.090	18	22.7	.31	194	.036	2	.93	.007	.06	.2	.06	3.4	.2	<.05	3	.7	18
B+375N	.6	68.1	6.5	91	.2	334.8	29.4	1007	4.87	34.1	.6	3.6	5.3	7	.1	.5	.1	113	.20	.026	18	400.1	3.64	265	.036	<1	4.05	.002	.09	<.1	.03	19.4	.1	<.05	12	.9	5
B+300N	1.2	44.2	9.7	55	.3	56.6	11.4	496	3.01	55.8	.7	4.6	1.2	12	.1	.7	.2	75	.15	.057	16	75.7	.95	269	.056	1	2.13	.006	.09	.1	.04	5.0	.1	<.05	7	.6	4
B+225N	1.4	35.2	14.5	68	.1	46.8	10.8	585	3.93	154.8	.7	1.5	4.3	9	.1	1.8	.3	82	.09	.054	20	71.6	.84	89	.066	1	1.94	.004	.09	.2	.04	4.0	.1	<.05	8	.7	3
B+150N	1.2	91.4	14.4	89	.2	147.6	32.2	1277	4.65	110.4	.7	.6	4.9	9	.1	1.3	.2	98	.13	.043	21	173.7	2.56	212	.058	2	3.39	.004	.13	.1	.03	10.7	.2	<.05	9	.7	2
B+75N	.7	74.3	8.5	89	.2	127.5	19.0	516	3.71	119.3	1.1	3.3	4.7	14	.1	.9	.2	97	.32	.051	18	175.5	2.07	385	.082	1	2.58	.004	.18	.1	.03	12.4	.2	<.05	8	.9	4
RE B+150S	1.0	41.3	9.7	72	.2	40.8	16.4	707	3.10	36.5	1.0	8.6	3.6	20	.2	1.8	.2	62	.26	.059	17	46.7	.64	228	.040	2	1.76	.008	.06	.2	.06	5.9	.2	<.05	5	.5	10
B	.8	50.6	9.0	91	.2	89.3	18.5	525	3.48	54.4	.8	36.6	4.0	16	.1	1.0	.2	75	.21	.054	16	115.2	1.40	172	.081	2	2.14	.007	.09	.1	.01	7.8	.2	<.05	7	<.5	23
B+75S	.9	43.1	8.3	80	.2	63.3	17.6	521	2.92	46.6	.8	21.2	3.8	15	.2	1.1	.1	62	.19	.058	15	77.4	1.05	147	.073	1	1.85	.007	.08	.1	.03	6.3	.1	<.05	6	<.5	5
B+150S	.9	40.5	9.1	69	.2	42.5	16.5	721	3.14	37.6	1.1	5.5	3.6	20	.2	2.0	.2	62	.26	.056	18	49.8	.64	225	.041	1	1.70	.009	.06	.1	.04	5.6	.2	<.05	5	.8	27
B+225S	1.2	104.4	9.7	103	.4	100.3	23.0	1348	4.53	175.0	1.3	12.3	3.1	24	.1	2.8	.2	64	.20	.092	13	96.4	.68	135	.006	1	1.20	.003	.09	.2	.02	8.6	.2	<.05	4	1.2	3
B+300S	1.8	141.2	13.2	125	.4	170.4	29.4	1994	4.78	778.4	1.6	42.2	4.4	20	.6	7.8	.2	61	.14	.124	20	113.6	.93	214	.009	1	1.59	.003	.09	.2	.01	6.9	.2	<.05	6	1.4	83
B+375S	1.4	101.2	16.4	109	.3	205.5	34.7	2323	4.84	245.4	1.5	20.6	4.8	18	.2	6.9	.2	71	.21	.097	21	172.4	1.53	230	.013	1	1.92	.003	.08	.2	.03	9.6	.2	<.05	6	1.0	226
C+375N	.9	61.6	10.2	78	.2	76.3	16.1	667	3.92	16.9	.8	8.6	3.7	19	.1	.8	.2	103	.36	.064	20	125.6	1.85	402	.062	1	3.03	.006	.08	.2	.02	12.3	.2	<.05	10	.6	5
C+300N	1.4	25.5	14.9	60	.1	27.3	11.3	742	3.32	14.3	.5	.8	2.1	11	.2	.7	.2	64	.09	.041	15	40.4	.58	131	.024	2	1.89	.006	.08	.1	.05	3.7	.1	<.05	8	.8	3
C+225N	1.6	57.8	11.7	97	.3	67.1	15.3	1201	3.51	32.9	1.0	2.6	3.1	23	.2	.8	.4	62	.28	.053	22	62.0	.67	351	.032	2	1.93	.008	.09	.2	.04	5.2	.1	<.05	6	.9	3
C+150N	1.0	38.3	9.6	67	.1	53.5	15.3	822	3.14	42.7	.5	3.1	3.4	13	.1	1.7	.3	64	.15	.042	16	63.7	.90	175	.050	2	2.12	.007	.07	.2	.03	4.8	.1	<.05	7	.6	6
C+75N	1.3	24.1	11.7	61	.1	31.9	12.9	672	3.64	48.8	.6	27.7	3.2	16	.2	.8	.2	70	.15	.047	16	48.1	.68	147	.075	1	1.99	.006	.06	.1	.03	3.7	.1	<.05	7	.7	4
C	1.1	30.2	10.3	64	.1	49.4	10.4	420	3.53	59.0	.5	13.0	3.0	12	.1	.9	.2	97	.13	.030	15	85.3	1.04	142	.104	1	1.89	.006	.08	.2	.02	6.3	.2	<.05	9	.8	7
C+75S	1.1	35.0	10.0	72	.1	66.5	14.1	737	3.34	45.2	.5	1.8	1.7	16	.1	1.1	.5	72	.21	.066	16	84.2	1.02	224	.042	1	2.14	.007	.07	.1	.03	5.2	.1	<.05	7	<.5	4
C+150S	.7	36.7	10.1	65	.1	66.9	17.2	353	3.04	168.9	.5	4.1	1.5	15	.1	1.0	.2	70	.26	.052	15	92.1	1.23	250	.038	<1	2.15	.005	.06	.1	.01	4.8	.2	<.05	7	.6	<2
C+225S	.8	32.9	10.2	69	.1	71.8	12.3	570	3.09	203.2	.5	1.7	1.4	15	.1	1.4	.2	69	.24	.048	14	90.5	1.13	187	.043	1	1.93	.006	.06	.1	.02	4.8	.1	<.05	7	<.5	4
C+300S	.7	29.0	17.1	65	.1	45.7	8.2	326	2.54	54.1	.5	2.5	2.4	14	.1	1.3	.2	54	.19	.049	13	55.7	.71	128	.053	1	1.68	.007	.06	.2	.02	4.3	.1	<.05	6	.5	4
C+375S	.8	33.3	8.7	68	.1	47.6	9.5	415	2.82	68.2	.6	13.5	2.5	15	.1	1.5	.2	60	.20	.052	15	60.7	.83	135	.055	1	1.83	.006	.06	.1	.03	4.5	.1	<.05	6	.8	6
STANDARD DS5/AU-S	12.5	144.3	25.3	137	.3	25.7	12.7	775	3.02	18.0	6.1	43.2	2.7	51	5.8	3.8	6.3	60	.76	.092	13	188.5	.64	136	.108	16	2.10	.035	.14	4.8	.16	3.7	1.1	<.05	7	5.0	49

GROUP 1DX - 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.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 11 2003 **DATE REPORT MAILED:** Aug 29/03 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA ___

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	Au** ppb
G-1	2.0	3.5	2.5	47	<.1	4.5	4.8	623	2.11	<.5	1.8	1.1	4.1	82	<.1	<.1	.2	43	.62	.090	9	32.6	.65	268	.139	2	1.09	.099	.55	2.9	<.01	2.5	.3	<.05	5	<.5	2
D+375N	1.5	90.1	18.0	119	.4	144.8	27.3	1479	5.10	401.9	1.2	4.5	3.4	15	.2	1.4	.3	119	.23	.072	16	166.9	2.25	352	.050	1	2.82	.005	.13	.2	.03	12.1	.2	<.05	9	1.1	5
D+300N	1.7	112.6	22.0	138	.4	99.6	19.9	868	4.88	344.8	2.3	26.9	2.4	15	.3	1.4	.3	91	.10	.105	16	123.7	1.48	266	.030	<1	2.30	.005	.13	.2	.05	7.8	.2	<.05	7	1.4	26
D+225N	1.9	108.1	16.3	147	.3	265.9	44.0	2190	4.76	244.2	1.6	4.5	3.6	17	.7	2.8	.3	81	.20	.107	17	158.2	1.34	199	.029	<1	1.74	.004	.10	.1	.02	8.2	.3	<.05	6	1.3	9
D+150N	2.0	55.6	12.2	70	.3	25.9	10.8	614	2.63	126.3	1.2	8.2	1.1	14	.3	1.0	.3	42	.11	.106	11	21.3	.24	94	.024	<1	1.06	.010	.06	.2	.03	2.1	.1	.07	4	1.1	7
D+75N	1.3	23.8	9.8	63	.2	14.2	5.8	282	2.70	38.1	.8	1.9	.5	9	.2	.7	.3	62	.08	.065	10	26.0	.27	70	.026	1	1.40	.001	.05	.1	.08	1.6	.1	<.05	6	.7	2
D	1.4	21.1	9.6	53	.1	15.9	5.9	232	2.71	17.3	.6	10.1	.7	10	.1	.7	.2	63	.09	.064	11	26.7	.33	67	.041	1	1.48	.005	.04	.1	.04	1.9	.1	<.05	6	.5	141
D+75S	1.6	32.5	9.4	63	.1	21.7	9.2	363	3.27	28.5	.8	4.5	1.4	12	.1	1.6	.2	64	.08	.063	12	29.3	.32	72	.041	1	1.74	.005	.04	.2	.04	2.3	.1	<.05	6	.8	9
D+150S	1.1	27.8	8.8	68	.1	26.0	11.4	348	2.78	12.2	.6	4.1	2.2	11	.2	.7	.1	55	.12	.050	12	26.6	.46	102	.050	<1	1.81	.007	.06	.1	.03	2.8	.1	<.05	5	.5	30
D+225S	1.8	26.7	8.1	86	.2	26.0	13.9	396	3.04	32.6	.8	6.2	2.9	15	.3	.9	.2	55	.19	.089	13	28.9	.44	125	.049	1	1.86	.009	.07	.2	.04	3.3	.1	<.05	5	1.0	4
D+300S	1.3	31.8	6.3	76	.2	25.0	7.1	186	2.71	143.0	.8	15.1	3.2	15	.2	1.0	.1	47	.18	.086	14	23.9	.31	91	.040	1	1.01	.006	.05	.3	.02	2.8	.1	<.05	3	1.0	32
D+375S	1.4	36.8	8.8	63	.1	27.6	13.9	330	2.97	95.0	.9	50.3	2.4	14	.2	.7	.2	55	.16	.078	16	28.8	.40	126	.046	<1	1.63	.007	.06	.2	.03	3.3	.1	<.05	4	.9	4
E+375N	.3	13.4	4.8	81	.1	36.3	36.8	851	5.68	29.4	.3	4.7	1.3	7	.1	.6	<.1	219	.50	.097	8	131.8	3.41	85	.019	1	3.50	.002	.09	.2	<.01	25.6	.1	<.05	12	3.0	19
E+300N	4.0	65.6	11.0	114	.7	36.1	10.2	447	4.49	188.1	1.4	10.0	1.7	23	.5	4.4	.3	56	.13	.104	17	40.1	.72	187	.018	1	1.60	.005	.15	.2	.05	3.3	.4	.28	6	2.2	13
E+225N	2.9	58.2	11.7	129	.5	57.5	19.7	882	4.48	90.3	1.2	5.7	2.8	18	.5	3.1	.3	76	.15	.079	15	57.4	1.02	157	.027	<1	1.74	.005	.10	.2	.03	6.3	.3	.12	6	2.0	9
E+150N	4.6	69.9	15.8	122	.5	33.4	9.5	582	4.47	87.0	1.2	5.0	3.1	20	.4	4.1	.3	53	.06	.104	19	36.7	.63	131	.025	<1	1.12	.004	.14	.2	.02	2.4	.3	.22	5	2.8	4
E+75N	3.6	56.2	12.3	98	.3	24.6	7.6	327	3.56	264.3	1.0	7.2	3.2	13	.1	3.2	.3	54	.06	.071	16	29.6	.40	90	.033	1	.79	.002	.10	.2	.02	2.3	.2	.08	5	1.6	11
RE E+75N	3.6	56.3	12.9	95	.3	23.4	7.6	319	3.54	265.6	.9	9.3	3.3	13	.2	3.3	.3	51	.06	.074	16	28.4	.39	86	.031	<1	.79	.003	.10	.3	.01	2.3	.3	.15	5	1.5	8
E	.9	18.9	9.5	54	.2	25.0	5.8	193	2.28	22.3	.7	7.2	1.6	17	.2	1.0	.2	49	.26	.067	12	48.4	.65	157	.054	1	1.38	.007	.06	.1	.06	3.7	.2	<.05	6	.8	2
E+75S	4.4	45.6	12.7	117	.6	32.6	11.6	572	3.70	53.0	.9	8.8	3.7	13	.2	3.2	.3	49	.11	.086	14	34.8	.43	121	.031	<1	1.06	.005	.09	.2	.03	2.7	.2	<.05	4	2.5	7
E+150S	5.4	58.6	12.9	141	.4	27.0	7.1	179	3.79	44.8	1.0	5.7	1.8	7	.1	2.8	.4	49	.03	.072	14	23.2	.14	83	.017	<1	.57	.003	.05	.2	.06	1.5	.1	<.05	4	2.8	2
E+225S	3.2	91.7	9.2	158	.4	58.7	17.0	1100	4.35	44.4	1.8	5.4	4.4	10	.6	1.8	.3	38	.07	.067	17	37.0	.63	98	.022	<1	1.23	.003	.06	.1	.01	3.0	.2	<.05	4	1.9	7
E+300S	1.5	19.7	10.6	46	.1	18.2	5.1	287	2.76	28.5	.6	5.0	2.4	9	.1	1.0	.3	62	.10	.045	12	37.7	.45	56	.064	1	1.31	.005	.05	.2	.03	2.6	.1	<.05	7	.6	4
E+375S	2.8	57.9	12.2	96	.5	35.3	11.7	394	3.75	69.1	1.4	7.8	3.1	11	.1	1.8	.3	56	.09	.070	17	47.2	.61	134	.030	2	1.47	.005	.07	.1	.05	3.7	.2	<.05	5	2.7	10
F+165S	2.1	44.8	9.5	87	.3	18.2	9.2	611	2.53	18.3	1.3	2.7	.4	11	.4	.7	.3	44	.08	.092	11	18.2	.22	76	.023	1	1.25	.015	.05	.1	.08	1.5	.1	.08	5	1.1	2
F+330S	2.5	41.1	18.0	92	.2	21.2	9.7	668	2.74	14.3	1.0	4.7	.5	10	.6	.6	.2	52	.09	.081	13	21.9	.25	74	.031	1	1.13	.009	.05	.1	.11	1.7	.1	<.05	5	.9	2
F+495S	2.1	42.7	8.5	86	.2	25.9	11.6	424	2.93	29.3	1.2	4.6	2.3	11	.3	.8	.2	53	.11	.052	14	26.1	.35	79	.050	1	1.56	.007	.05	.1	.07	2.9	.1	<.05	5	1.0	4
F+660S	1.6	25.0	10.6	57	.2	21.1	10.3	310	3.10	24.5	.8	3.5	3.4	12	.3	.6	.2	73	.11	.037	15	33.2	.43	127	.069	<1	2.36	.008	.05	.2	.07	4.1	.2	<.05	7	.7	<2
F+825S	3.3	47.2	10.4	94	.3	25.5	9.2	372	3.20	72.7	1.3	5.8	2.9	14	.3	.8	.2	58	.08	.065	14	21.1	.25	82	.038	1	1.12	.005	.05	.2	.04	2.4	.1	<.05	6	1.1	3
F	2.7	45.0	16.1	105	.4	23.1	6.5	305	2.57	24.7	1.7	2.7	.4	10	.7	.9	.3	37	.06	.086	13	19.0	.30	80	.013	<1	1.12	.012	.07	.1	.06	1.3	.1	<.05	5	.9	2
F+165E	.6	11.6	2.9	20	.2	4.1	2.2	95	.99	1.6	.4	3.5	<.1	8	.2	.1	.1	21	.06	.041	3	6.1	.07	32	.021	1	.65	.020	.02	.1	.05	.5	.1	<.05	3	<.5	<2
F+330E	2.8	41.9	14.7	134	.4	34.2	12.8	803	3.31	14.9	1.9	3.2	1.9	19	.2	.6	.2	40	.12	.099	22	22.4	.58	83	.013	<1	1.36	.009	.08	.1	.03	2.2	.1	<.05	5	.9	<2
F+495E	3.2	63.5	15.8	160	.5	47.4	23.3	1681	3.89	17.5	2.5	1.4	1.1	11	.6	.9	.3	47	.09	.107	23	27.8	.55	90	.016	1	1.67	.011	.08	.1	.11	2.3	.2	<.05	6	1.1	2
F+660E	1.8	29.0	11.8	101	.2	25.4	9.0	622	3.28	13.9	1.1	3.9	.7	10	.4	.8	.2	63	.09	.061	18	29.0	.38	85	.026	1	1.54	.005	.06	.2	.07	1.9	.1	<.05	7	.7	<2
F+825E	3.1	47.7	13.7	119	.4	25.3	9.2	677	3.91	17.3	1.6	3.0	.4	10	.6	.9	.3	61	.08	.101	17	27.5	.39	89	.013	<1	1.62	.005	.07	.1	.09	1.5	.1	<.05	6	1.0	<2
STANDARD DS5/AU-S	13.1	144.9	25.6	139	.3	25.0	12.7	801	3.05	18.6	6.0	43.0	2.8	49	5.8	3.9	6.3	61	.78	.099	13	192.0	.68	141	.100	17	2.12	.036	.15	5.0	.17	3.6	1.1	<.05	7	5.0	45

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

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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	Au** ppb
G-1	1.4	2.9	2.0	37	<.1	3.4	4.0	534	1.78	<.5	1.8	<.5	3.9	82	<.1	<.1	.3	37	.56	.099	9	12.3	.54	207	.107	1	.92	.068	.49	1.4	.01	2.1	.3	<.05	4	<.5	<2
G+165S	3.2	67.5	22.6	177	.5	46.6	19.7	1667	3.50	12.0	2.5	4.0	1.0	13	1.2	.7	.6	45	.08	.123	26	25.3	.43	108	.018	<1	1.24	.009	.13	.1	.07	1.4	.1	.07	5	1.8	<2
G+330S	2.4	46.4	12.9	98	.3	25.3	8.9	594	2.76	8.3	1.5	2.2	.2	14	.5	.8	.4	62	.11	.103	16	27.5	.24	96	.026	<1	1.38	.008	.06	.1	.07	1.1	.1	<.05	7	.7	<2
G+495S	1.4	35.6	10.6	91	.1	33.0	12.6	450	3.12	13.1	1.2	2.7	3.5	14	.4	.8	.2	58	.20	.066	22	34.5	.60	114	.064	<1	1.99	.009	.08	.3	.04	3.6	.1	<.05	5	.7	3
G+660S	2.2	49.7	10.7	105	.4	27.0	10.6	421	3.10	13.7	1.6	3.5	2.4	12	.9	1.2	.3	54	.12	.069	20	28.2	.41	78	.037	1	1.59	.005	.06	.2	.07	2.5	.2	<.05	6	.9	11
G+825S	1.8	35.3	11.4	63	.2	21.6	8.8	279	3.09	20.5	1.0	6.4	2.5	12	.3	.7	.3	69	.10	.047	15	31.3	.37	99	.055	1	2.28	.005	.05	.2	.05	3.0	.1	<.05	7	.8	3
G+990S	2.3	53.6	10.2	87	.2	33.4	11.8	382	3.19	42.5	1.7	5.0	2.8	15	.4	.8	.3	59	.17	.083	19	32.6	.45	137	.055	2	2.02	.007	.07	.3	.08	3.7	.1	<.05	5	1.1	8
G+1155S	2.0	41.3	11.1	62	.4	18.1	6.9	379	3.33	29.0	1.5	3.3	1.4	14	.5	.6	.3	68	.10	.066	14	29.0	.30	119	.045	<1	1.93	.005	.06	.1	.08	2.4	.2	<.05	7	1.0	3
G	2.5	65.3	17.4	151	.4	56.0	18.5	1040	3.68	12.6	2.2	2.9	2.5	14	.6	.6	.3	47	.12	.107	37	39.4	.71	144	.019	<1	1.75	.009	.14	.1	.06	2.5	.1	<.05	6	1.2	4
G+165E	3.8	51.2	19.9	169	.6	46.4	18.9	1019	4.07	19.6	2.2	10.0	5.0	19	.3	1.0	.3	49	.20	.127	30	28.5	.48	139	.026	1	1.29	.007	.10	.2	.04	3.1	.1	<.05	5	1.6	25
G+330E	3.3	62.7	21.1	231	.3	65.8	25.7	2119	4.02	10.5	2.0	6.8	7.2	15	.6	1.0	.3	38	.09	.101	41	24.7	.40	115	.014	<1	1.07	.004	.12	.1	.02	2.6	.1	<.05	4	1.6	7
G+495E	4.3	70.5	20.1	181	.4	54.2	25.7	1553	4.32	20.7	2.7	4.2	2.1	14	.8	.9	.4	53	.11	.143	25	31.5	.63	111	.022	<1	1.88	.006	.12	.2	.05	2.4	.2	<.05	6	1.6	4
G+660E	3.1	67.6	25.2	242	.6	56.7	17.4	1034	3.63	5.9	2.5	5.0	2.8	17	.8	.7	.4	39	.11	.103	36	20.2	.36	87	.015	<1	1.11	.010	.12	.1	.08	2.1	.1	.12	4	1.9	11
G+825E	5.0	73.5	28.0	196	.7	43.5	12.8	916	4.63	7.9	3.3	2.3	1.9	16	.5	1.0	.3	51	.13	.185	23	32.4	.61	92	.020	<1	1.49	.005	.11	.2	.06	2.4	.1	.12	5	2.9	2
H	2.9	53.5	8.5	100	.3	34.2	12.2	444	3.22	54.4	1.8	9.7	2.0	15	.4	1.0	.2	48	.13	.089	17	24.8	.35	97	.040	<1	1.37	.007	.06	.1	.08	2.4	.1	<.05	4	1.2	7
H+165E	1.9	32.8	7.9	53	.3	13.5	4.8	170	2.39	29.2	.8	6.8	1.9	11	.2	.8	.2	51	.06	.043	14	16.4	.12	79	.050	<1	.93	.011	.04	.2	.04	1.5	.1	<.05	5	.6	10
H+330E	1.2	30.7	9.5	71	.2	30.2	11.9	392	3.01	29.6	.8	5.0	2.9	13	.4	.6	.2	66	.15	.038	17	35.8	.56	135	.076	1	2.30	.008	.08	.2	.06	3.9	.1	<.05	6	.6	3
H+495E	2.7	51.4	8.9	99	.2	35.2	13.6	429	3.31	17.5	1.1	4.8	3.2	10	.4	.9	.2	46	.11	.061	19	28.0	.36	73	.050	2	1.86	.006	.08	.1	.05	3.4	.1	<.05	4	.9	4
H+660E	1.9	55.7	9.2	80	.3	24.9	11.2	563	3.50	17.2	1.5	6.5	.5	12	.4	1.0	.3	62	.10	.113	12	33.5	.46	80	.035	1	1.74	.005	.07	.1	.08	2.0	.2	<.05	6	.6	<2
H+825E	1.3	32.1	9.4	76	.1	31.4	13.7	545	2.91	14.0	.9	6.4	2.0	14	.4	.7	.2	57	.16	.063	14	32.5	.55	121	.066	1	2.15	.011	.08	.1	.05	3.2	.1	<.05	6	.8	6
RE H+825E	1.3	32.1	9.1	74	.1	29.7	13.5	549	2.93	14.0	.9	4.1	2.1	14	.3	.8	.2	58	.16	.064	14	33.0	.54	121	.067	1	2.17	.010	.08	.2	.06	3.3	.1	<.05	5	.5	5
J	2.2	23.5	13.0	56	.5	14.8	6.2	329	3.44	19.9	.8	3.9	3.1	12	.1	.5	.3	85	.10	.056	17	31.6	.29	105	.074	<1	2.12	.005	.06	.2	.05	2.8	.2	<.05	10	.5	<2
J+165E	2.3	54.1	10.1	127	.3	39.7	15.2	670	3.45	26.6	1.6	6.8	3.7	17	.7	.8	.2	59	.21	.098	21	31.8	.51	127	.060	1	1.61	.008	.09	.1	.03	3.5	.1	<.05	5	.9	5
J+330E	1.6	47.2	11.4	96	.2	43.1	14.8	637	3.40	23.3	1.4	5.7	4.9	20	.5	.8	.2	69	.24	.088	22	38.0	.59	186	.081	1	2.20	.011	.08	.2	.06	4.2	.1	<.05	6	.8	7
J+495E	2.8	32.6	6.8	65	.8	15.5	4.3	152	2.25	47.5	1.0	5.7	1.5	9	.2	.6	.2	53	.05	.038	16	16.0	.13	64	.038	1	.99	.007	.05	.1	.09	1.4	.2	<.05	6	.6	2
J+660E	1.9	30.9	9.2	62	.2	15.7	8.0	386	2.83	11.5	.9	4.3	.8	11	.3	.8	.2	59	.11	.073	12	24.7	.26	76	.051	1	1.51	.008	.08	.2	.09	1.8	.1	<.05	6	.6	<2
J+825E	1.8	36.4	11.1	49	.4	15.5	6.4	238	3.10	11.9	1.0	2.1	1.5	11	.3	.7	.3	81	.10	.051	15	30.8	.26	99	.054	<1	1.94	.005	.04	.2	.08	2.5	.2	<.05	8	.8	2
J+990E	1.9	39.9	8.1	79	.2	27.1	9.7	355	3.23	14.8	1.2	7.0	2.5	14	.4	.9	.2	57	.17	.084	16	29.5	.43	96	.067	<1	1.56	.007	.06	.2	.05	2.9	.1	<.05	5	.7	19
VR54839	2.9	57.2	9.1	83	.1	27.5	7.6	257	3.62	35.6	1.5	4.5	2.2	12	.2	1.0	.2	53	.09	.065	18	26.2	.29	97	.040	<1	1.54	.005	.06	.1	.05	2.4	.1	<.05	5	1.2	16
VR54852	2.9	50.4	7.3	101	.1	24.9	6.6	356	3.99	103.4	1.5	14.6	2.2	10	.2	.7	.2	56	.08	.079	17	28.6	.46	69	.047	<1	1.33	.004	.06	.2	.02	2.3	.1	<.05	6	.7	12
STANDARD DS5/AU-S	12.4	142.5	25.0	143	.3	24.0	12.4	802	3.00	18.5	5.8	42.0	2.8	49	5.6	3.8	6.0	61	.79	.103	15	188.3	.69	139	.103	16	2.17	.035	.16	4.8	.18	3.5	1.1	<.05	7	5.0	51

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

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