

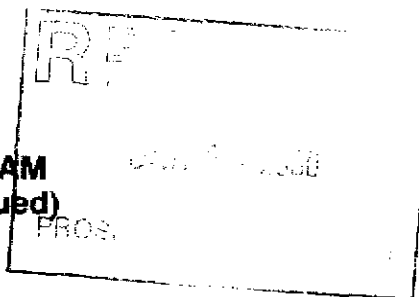
**BRITISH COLUMBIA**  
**PROSPECTORS ASSISTANCE PROGRAM**  
**MINISTRY OF ENERGY AND MINES**  
**GEOLOGICAL SURVEY BRANCH**

PROGRAM YEAR: 1999/2000

REPORT #: PAP 99-38

NAME: ROBERT BOURDON

**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**



**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name BOB BOURDON Reference Number 99/2000 P101

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) DEMERS MINFILE No. if applicable N/A

Location of Project Area NTS 092P9W Lat 51°30'45" Long 120°15'30"

Description of Location and Access via logging roads up Nehalem and Demers Creeks. AFD can save time accessing skid trails and "deactivated" logging roads.

Main Commodities Searched For Zn, Cu, Au, Pb, Ag.

Known Mineral Occurrences in Project Area Worldstock Cu porphyry type showing is located about 1.5 km W. of center of project area.

**WORK PERFORMED**

1. Conventional Prospecting (area) ± 1000 ha - (1km x 10km approx).
2. Geological Mapping (hectares/scale) outcrops noted but very rare
3. Geochemical (type and no. of samples) UltraVacc ICP 37 ROCK, 38 SOIL, 61 TILLS, 13 SPTS
4. Geophysical (type and line km) magnetometer trace lines ± 2.5 km total
5. Physical Work (type and amount) ± 6 small pits near samples E7332, E7335A, B, C
6. Drilling (no., holes, size, depth in m, total m) N/A
7. Other (specify) N/A

**SIGNIFICANT RESULTS**

Commodities VERY ENCOURAGING Zn-Cu TILL ANOMALY Claim Name FOX GROUP

Location (show on map) Lat see claim map Long see claim map Elevation see claim map

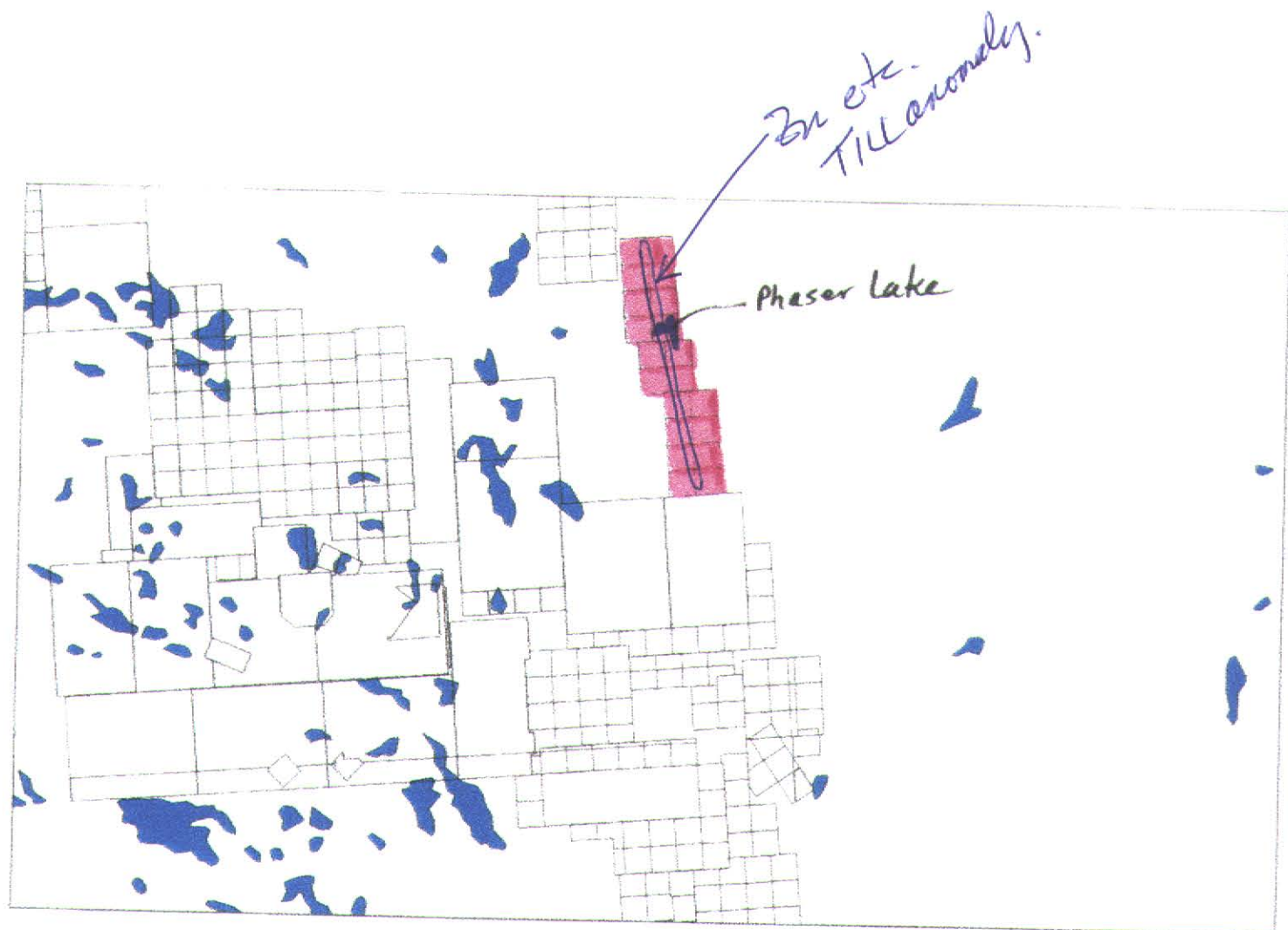
Best assay/sample type 913 Zn in tills - values from 500 to 900 occur along the 10+ km length of the anomaly

Description of mineralization, host rocks, anomalies Outcrop on the property is almost NIL - a few OK's in road cuts. No mineralization of economic grade has been seen. Minor copper in a large boulder (sample E73316) at North end of Pharo Lake and minor galena in a highly oxidized zone (sample E78836) are encouraging. Although no showing, it believe this is an excellent VMS target based on geochem. and coincident mag.

Supporting data must be submitted with this TECHNICAL REPORT Trenching is planned for 2000 season.  
Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.



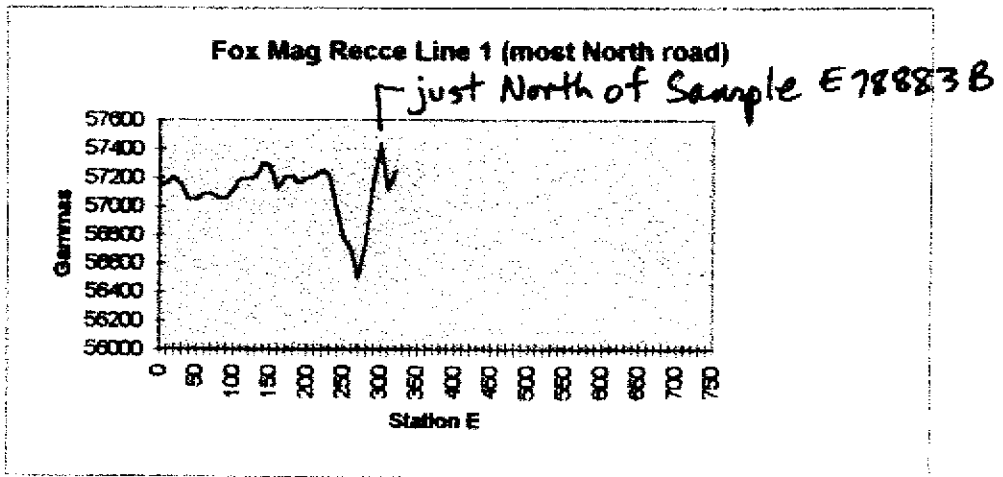
D.C. Ministry of Energy and Mines



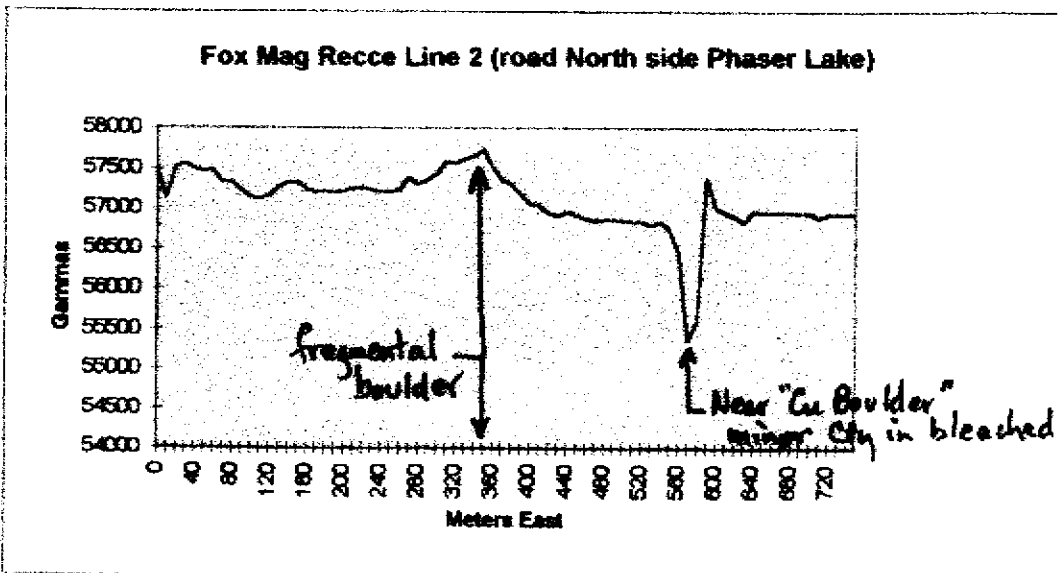
■ Claims Staked 1998

STN m E GAMMAS

|     |       |
|-----|-------|
| 0   | 57132 |
| 10  | 57163 |
| 20  | 57202 |
| 30  | 57153 |
| 40  | 57050 |
| 50  | 57047 |
| 60  | 57086 |
| 70  | 57093 |
| 80  | 57060 |
| 90  | 57053 |
| 100 | 57114 |
| 110 | 57188 |
| 120 | 57200 |
| 130 | 57201 |
| 140 | 57304 |
| 150 | 57277 |
| 160 | 57128 |
| 170 | 57203 |
| 180 | 57214 |
| 190 | 57164 |
| 200 | 57203 |
| 210 | 57206 |
| 220 | 57254 |
| 230 | 57226 |
| 240 | 56986 |
| 250 | 56779 |
| 260 | 56706 |
| 270 | 56494 |
| 280 | 56755 |
| 290 | 57166 |
| 300 | 57439 |
| 310 | 57112 |
| 320 | 57248 |
| 330 |       |
| 340 |       |
| 350 |       |
| 360 |       |
| 370 |       |
| 380 |       |
| 390 |       |
| 400 |       |
| 410 |       |
| 420 |       |
| 430 |       |
| 440 |       |
| 450 |       |
| 460 |       |
| 470 |       |
| 480 |       |



0 57491  
 10 57127  
 20 57510  
 30 57549  
 40 57494  
 50 57457  
 60 57473  
 70 57325  
 80 57323  
 90 57223  
 100 57136  
 110 57114  
 120 57152  
 130 57263  
 140 57312  
 150 57325  
 160 57242  
 170 57197  
 180 57216  
 190 57201  
 200 57217  
 210 57245  
 220 57253  
 230 57232  
 240 57210  
 250 57212  
 260 57237  
 270 57389  
 280 57307  
 290 57358  
 300 57429  
 310 57586  
 320 57558  
 330 57613  
 340 57652  
 350 57733  
 360 57517  
 370 57364  
 380 57303  
 390 57184  
 400 57065  
 410 57042  
 420 56941  
 430 56902  
 440 56963  
 450 56918  
 460 56870  
 470 56848  
 480 56865  
 490 56864  
 500 56857

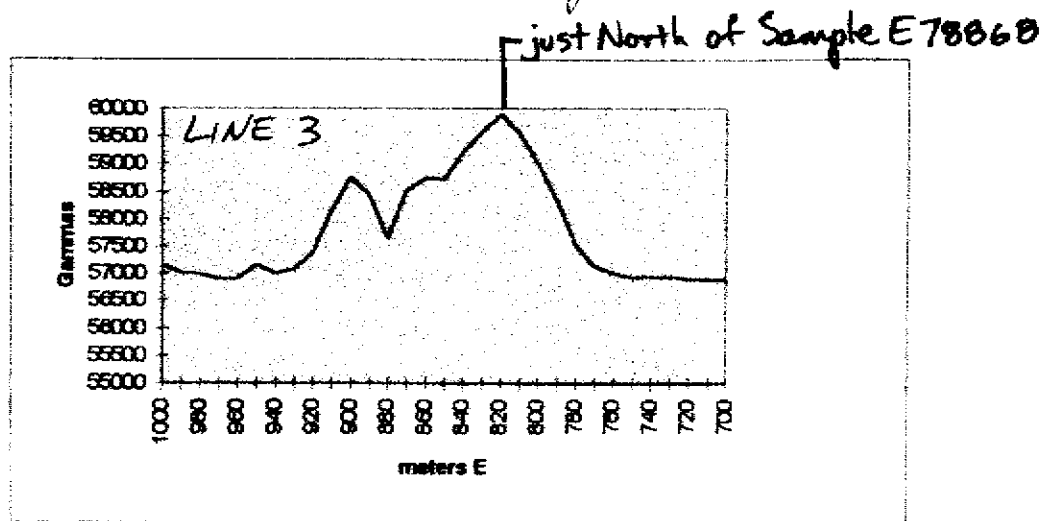


|     |       |
|-----|-------|
| 510 | 56848 |
| 520 | 56837 |
| 530 | 56795 |
| 540 | 56846 |
| 550 | 56744 |
| 560 | 56465 |
| 570 | 55365 |
| 580 | 55623 |
| 590 | 57394 |
| 600 | 57018 |
| 610 | 56949 |
| 620 | 56903 |
| 630 | 56835 |
| 640 | 56971 |
| 650 | 56951 |
| 660 | 56960 |
| 670 | 56958 |
| 680 | 56955 |
| 690 | 56943 |
| 700 | 56943 |
| 710 | 56887 |
| 720 | 56928 |
| 730 | 56937 |
| 740 | 56926 |
| 750 | 56943 |

Main Rd N. of C.J. ground.

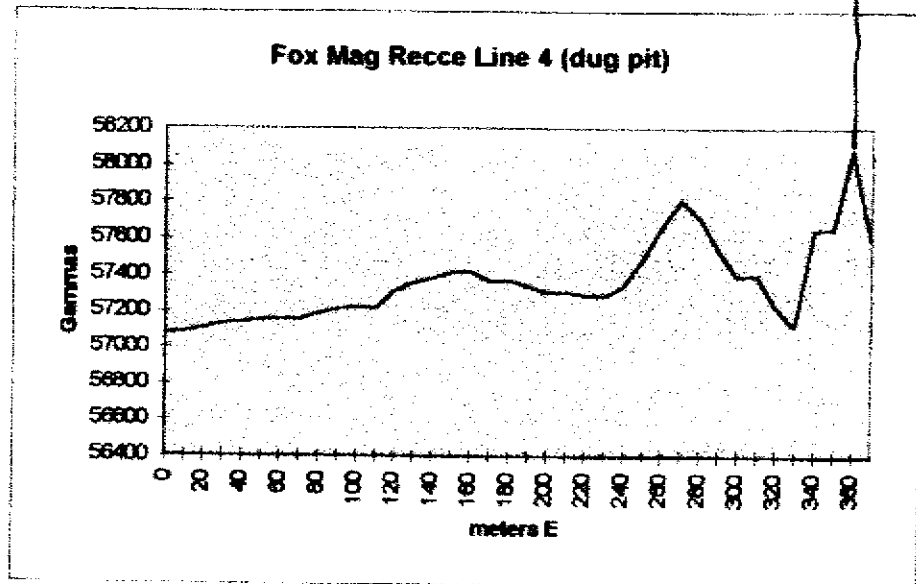
Sheet

|      |       |
|------|-------|
| 1000 | 57153 |
| 990  | 57014 |
| 980  | 56989 |
| 970  | 56898 |
| 960  | 56906 |
| 950  | 57148 |
| 940  | 57000 |
| 930  | 57077 |
| 920  | 57382 |
| 910  | 58146 |
| 900  | 58752 |
| 890  | 58442 |
| 880  | 57653 |
| 870  | 58532 |
| 860  | 58748 |
| 850  | 58723 |
| 840  | 59229 |
| 830  | 59588 |
| 820  | 59905 |
| 810  | 59571 |
| 800  | 59016 |
| 790  | 58344 |
| 780  | 57530 |
| 770  | 57137 |
| 760  | 57009 |
| 750  | 56931 |
| 740  | 56961 |
| 730  | 56940 |
| 720  | 56912 |
| 710  | 56895 |
| 700  | 56889 |



At sample BS1939

|     |       |
|-----|-------|
| 0   | 57077 |
| 10  | 57090 |
| 20  | 57105 |
| 30  | 57134 |
| 40  | 57142 |
| 50  | 57151 |
| 60  | 57162 |
| 70  | 57157 |
| 80  | 57192 |
| 90  | 57211 |
| 100 | 57226 |
| 110 | 57217 |
| 120 | 57315 |
| 130 | 57361 |
| 140 | 57384 |
| 150 | 57418 |
| 160 | 57424 |
| 170 | 57371 |
| 180 | 57373 |
| 190 | 57341 |
| 200 | 57308 |
| 210 | 57309 |
| 220 | 57293 |
| 230 | 57286 |
| 240 | 57341 |
| 250 | 57492 |
| 260 | 57662 |
| 270 | 57811 |
| 280 | 57717 |
| 290 | 57540 |
| 300 | 57397 |
| 310 | 57406 |
| 320 | 57232 |
| 330 | 57125 |
| 340 | 57650 |
| 350 | 57659 |
| 360 | 58083 |
| 370 | 57588 |



January 23, 2000

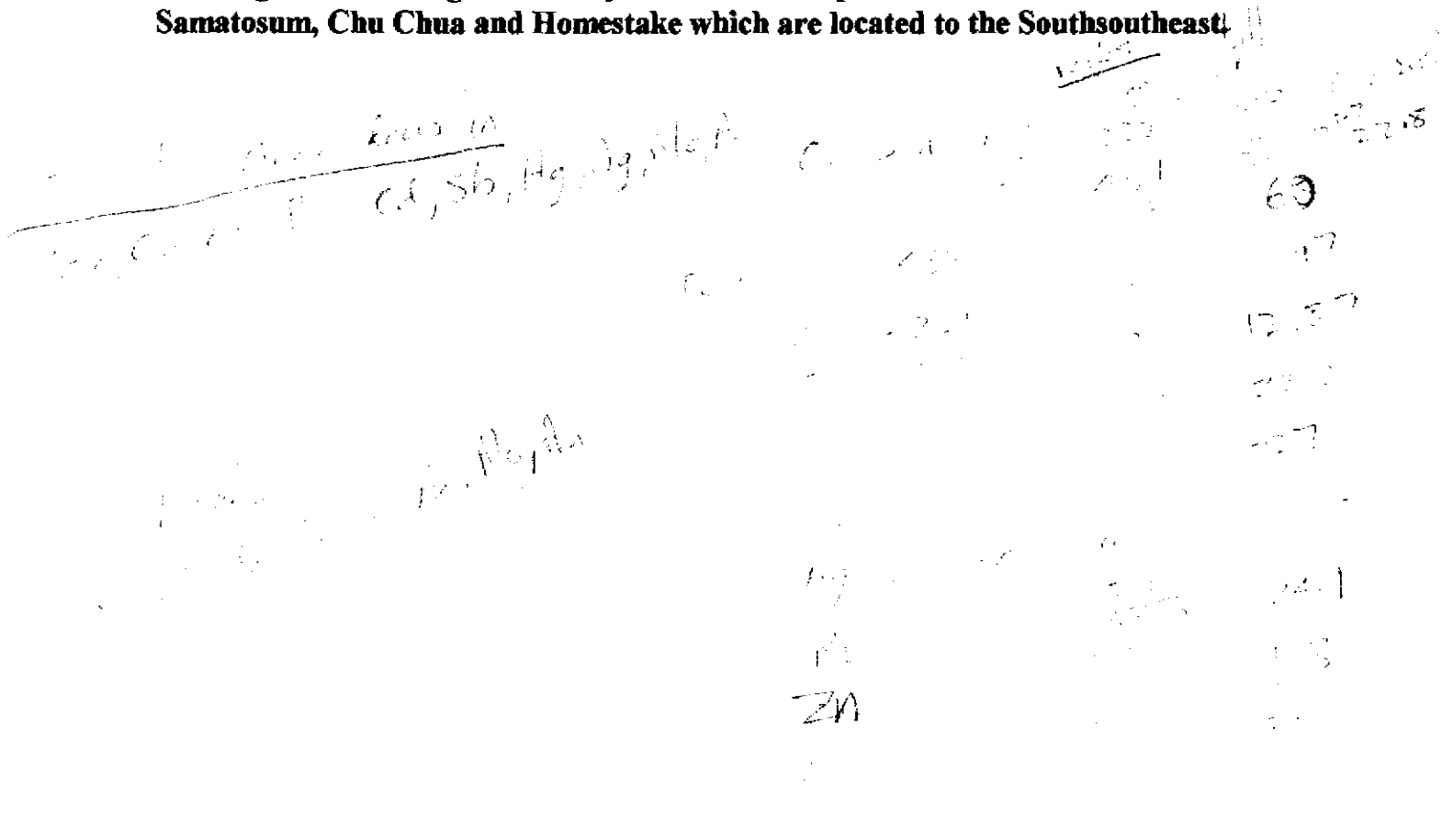
## Demers/Phaser Lake Project

The attached set of maps was produced by merging the data contained in B.C. Ministry of Mines Open File Report 1998-6 with data from tills/soils collected by B. Bourdon and L. Addie during the 1998 and 1999 seasons.

Values for 50<sup>th</sup>, 90<sup>th</sup> etc. percentile contained in the Open File report were used to generate the maps. There are a few slight differences which I think are due to rounding of data.

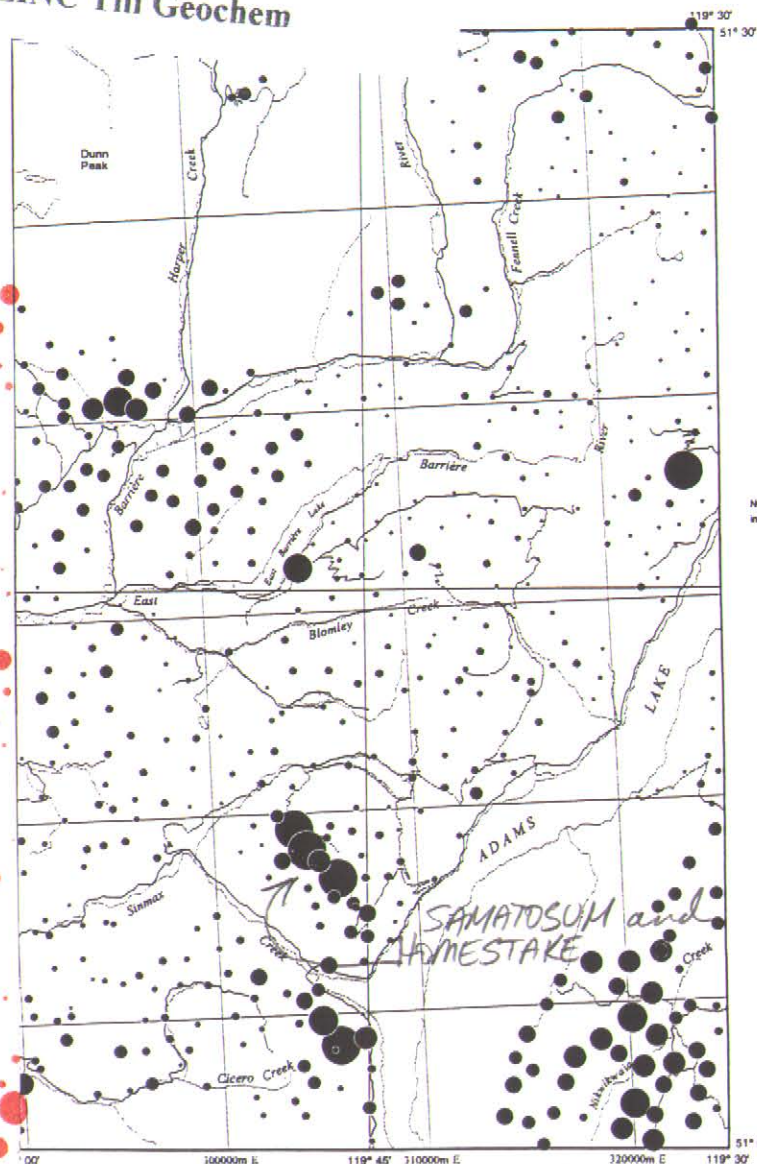
The maps clearly show that in the Demers Creek/Phaser Lake area, there is a very strong linear till/soil anomaly which trends at approximately 160 degrees and has a strike length in excess of 10 kilometers. Highly anomalous elements include Zinc, Cadmium, Copper, Antimony, Arsenic, Barium and Mercury which may indicate the presence of a large VMS type deposit.

A comparison of the attached maps with the maps contained in Open Files OF1998-6 and OF1997-9 shows that the Phaser Lake anomaly is much stronger and longer than those generated by known VMS deposits such as the Samatsum, Chu Chua and Homestake which are located to the Southsoutheast.



# DEMERS PROJECT

## ZINC Till Geochem

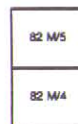


### Symbol Legend

Zinc (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 12   | 68   | 125   | 25.2  |
| 68   | 93   | 122   | 49.8  |
| 93   | 123  | 125   | 75    |
| 123  | 179  | 73    | 88.7  |
| 179  | 238  | 24    | 94.6  |
| 238  | 351  | 17    | 98    |
| 351  | 447  | 5     | 99    |
| 447  | 4168 | 5     | 100   |



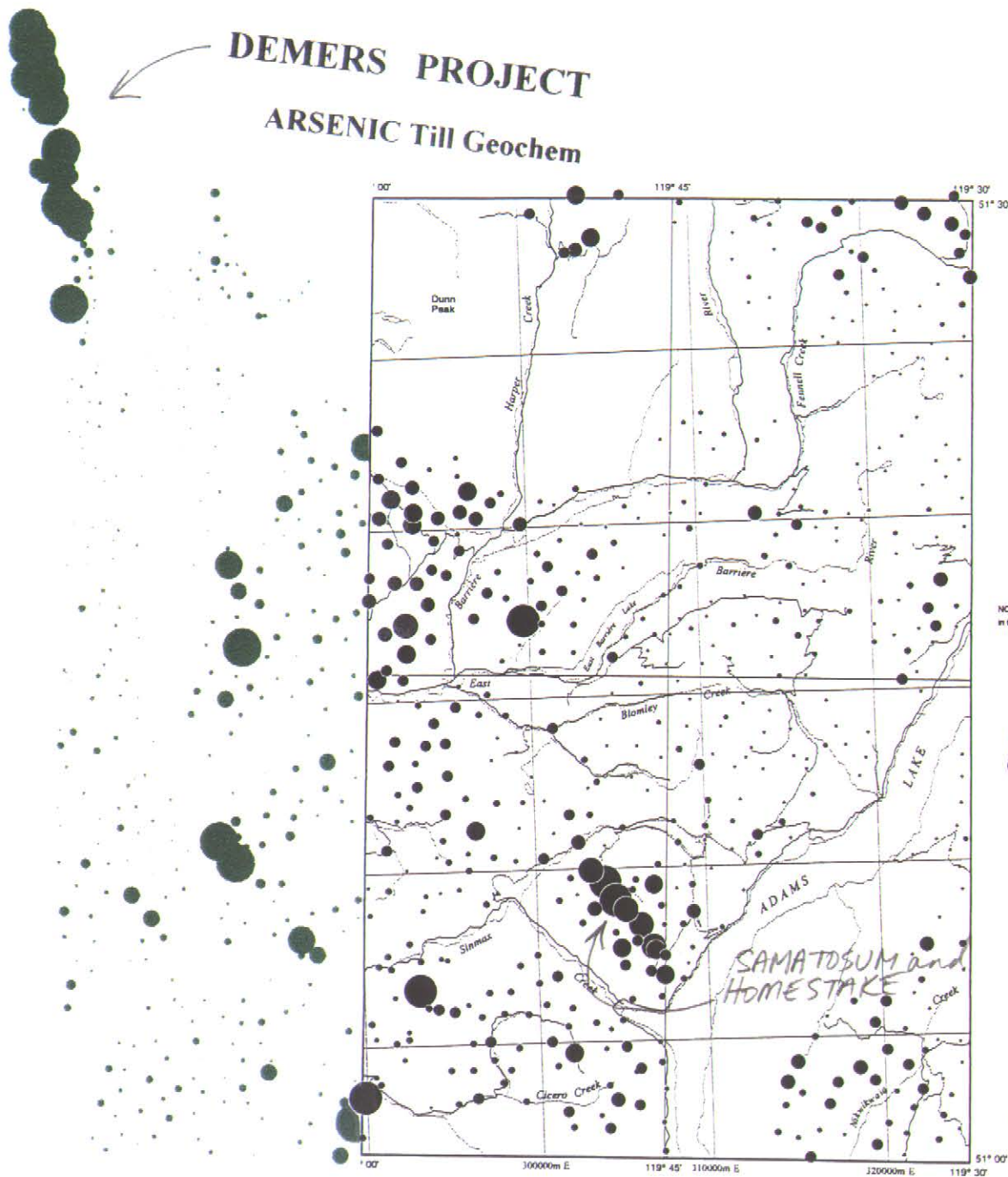
National Topographic System  
Transverse Mercator Projection  
NAD 1927  
UTM Grid Zone 11

# Zn



# DEMERS PROJECT

## ARSENIC Till Geochem



### Symbol Legend

Arsenic (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| <2   | <2   | 173   | 34.9  |
| <2   | 4    | 85    | 52    |
| 4    | 11   | 113   | 74.8  |
| 11   | 22   | 75    | 89.9  |
| 22   | 34   | 26    | 95.2  |
| 34   | 43   | 14    | 98    |
| 43   | 56   | 5     | 99    |
| 56   | 83   | 5     | 100   |



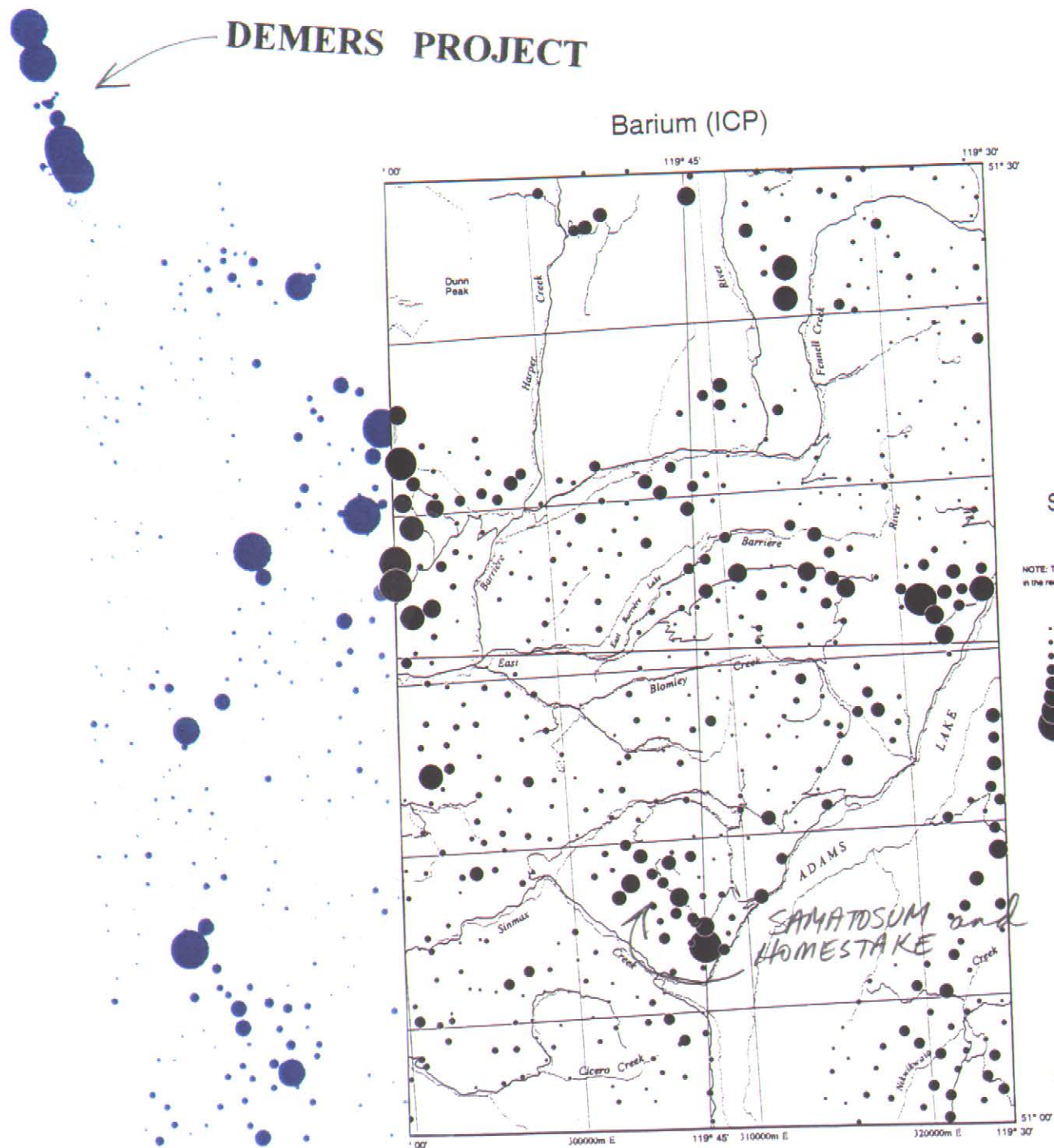
National Topographic System  
Transverse Mercator Projection  
NAD 1927  
UTM Grid Zone 11

As

0 5 10  
kilometres

# DEMERS PROJECT

Barium (ICP)



## Symbol Legend

Barium (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 22   | 72   | 126   | 25.4  |
| 72   | 105  | 129   | 51.4  |
| 105  | 144  | 118   | 75.2  |
| 144  | 215  | 73    | 89.9  |
| 215  | 283  | 25    | 95    |
| 283  | 378  | 14    | 97.8  |
| 378  | 432  | 6     | 99    |
| 432  | 1970 | 5     | 100   |



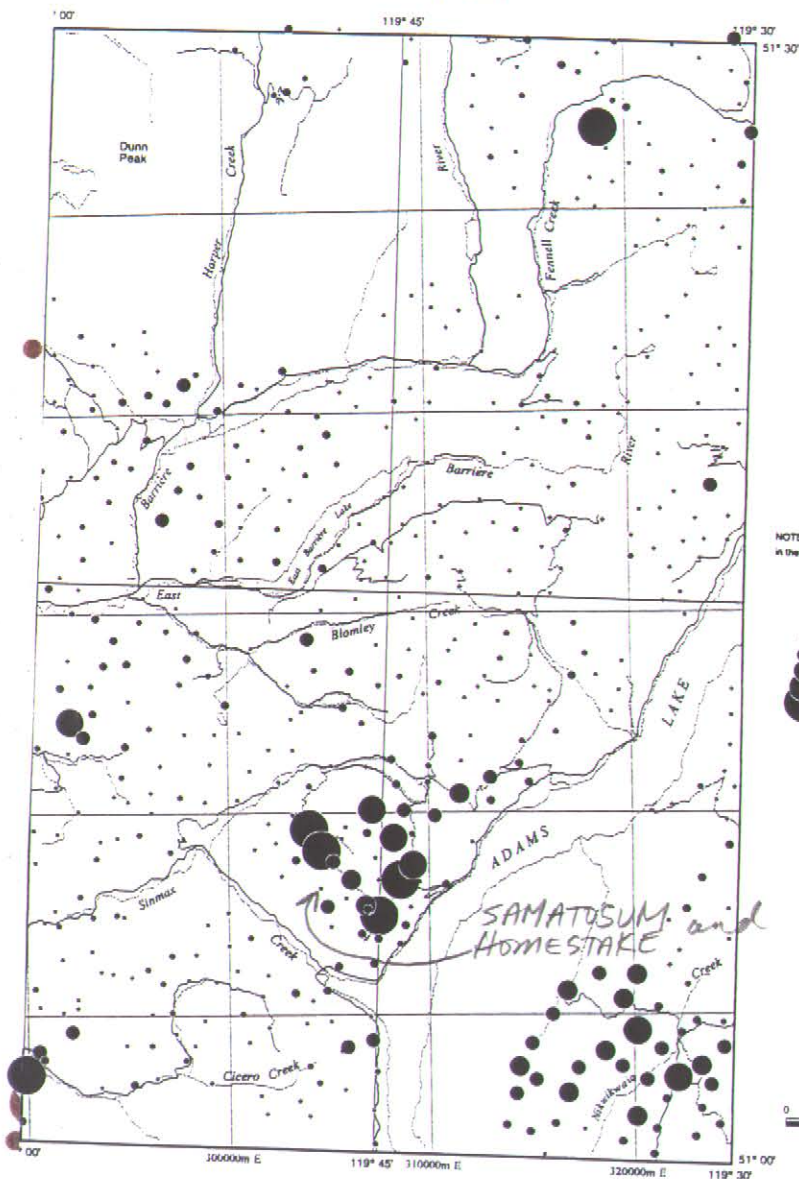
National Topographic System  
Transverse Mercator Projection  
NAD 1927  
UTM Grid Zone 11

# Ba



# DEMERS PROJECT

## Cadmium (ICP)



### Symbol Legend Cadmium (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| <0.2 | <0.2 | 275   | 55.4  |
| <0.2 | 0.4  | 103   | 76.2  |
| 0.4  | 0.8  | 58    | 89.9  |
| 0.8  | 1.2  | 27    | 95.4  |
| 1.2  | 1.5  | 11    | 97.6  |
| 1.5  | 2.7  | 6     | 98.8  |
| 2.7  | 21.6 | 8     | 100   |

82 M/5

82 M/4

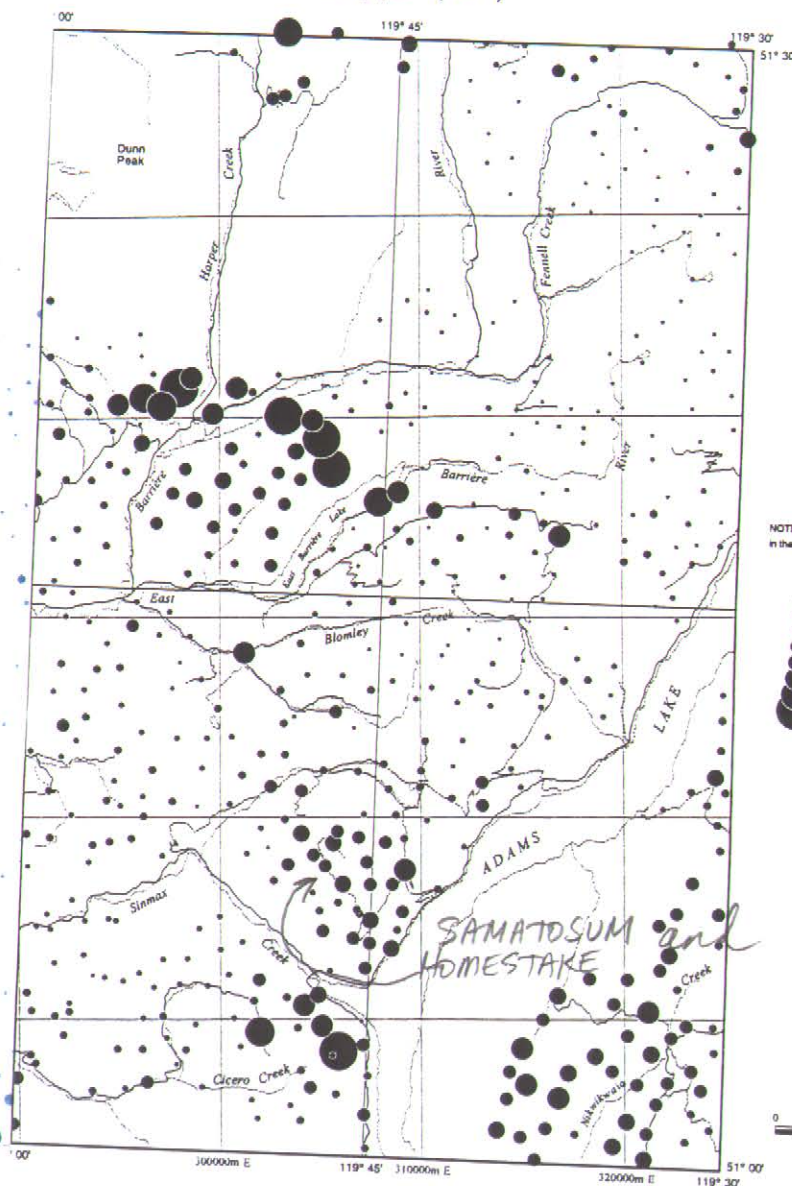
National Topographic System  
Transverse Mercator Projection  
NAD 1927  
UTM Grid Zone 11

# Cd

0 5 10  
kilometres

# DEMERS PROJECT

Copper (ICP)

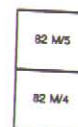


## Symbol Legend

Copper (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 1    | 31   | 124   | 25    |
| 31   | 50   | 125   | 50.2  |
| 50   | 86   | 124   | 75.2  |
| 86   | 135  | 74    | 90.1  |
| 135  | 172  | 24    | 95    |
| 172  | 234  | 15    | 98    |
| 234  | 311  | 5     | 99    |
| 311  | 3653 | 5     | 100   |



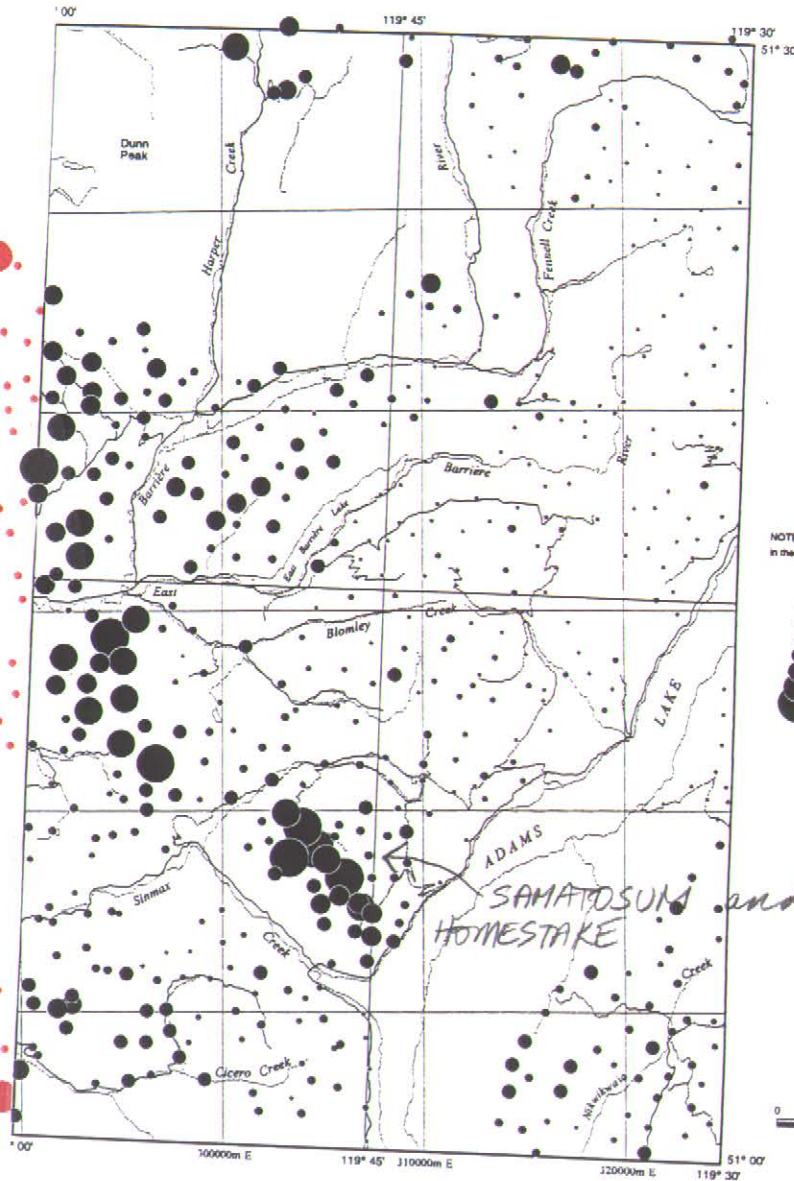
National Topographic System  
Transverse Mercator Projection  
NAD 1927  
UTM Grid Zone 11

**Cu**



# DEMERS PROJECT

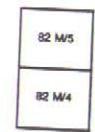
Antimony (INA)



## Symbol Legend Antimony (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| <0.1 | 0.3  | 141   | 28.2  |
| 0.3  | 0.5  | 101   | 48.4  |
| 0.5  | 0.8  | 134   | 75.2  |
| 0.8  | 1.3  | 73    | 89.8  |
| 1.3  | 1.9  | 31    | 96    |
| 1.9  | 2.3  | 13    | 98.6  |
| 2.3  | 13   | 7     | 100   |



National Topographic System  
Transverse Mercator Projection  
NAD 1927  
UTM Grid Zone 11

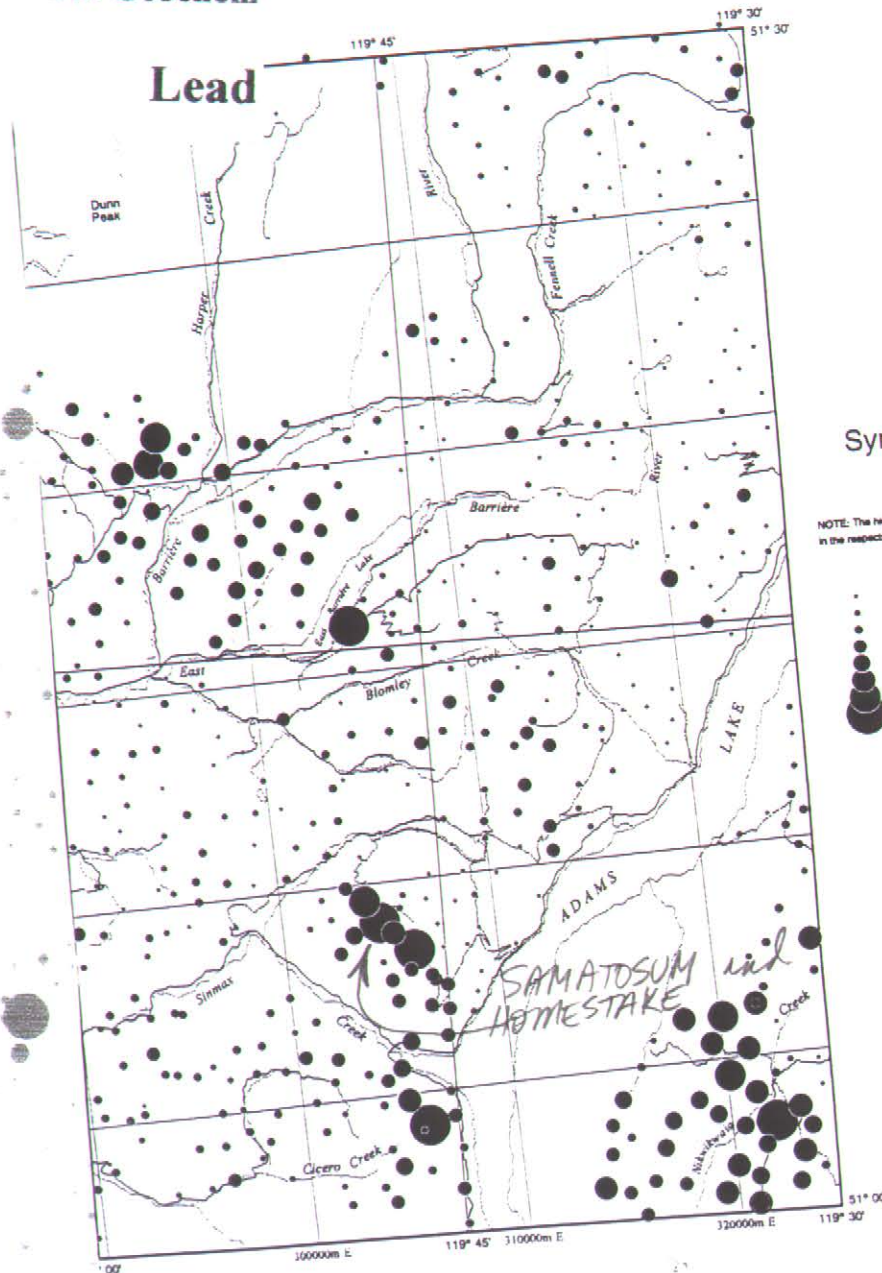
Sb



# DEMERS PROJECT

Till Geochem

Lead



## Symbol Legend Lead (ppm)

NOTE: The higher value in each symbol class is included in the respective interval, while the lower value is ignored.

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| <3   | 11   | 138   | 27.8  |
| 11   | 17   | 110   | 50    |
| 17   | 27   | 129   | 76    |
| 27   | 50   | 70    | 90.1  |
| 50   | 82   | 24    | 95    |
| 82   | 128  | 15    | 98    |
| 128  | 190  | 5     | 99    |
| 190  | 279  | 5     | 100   |

|        |
|--------|
| 82 M/5 |
| 82 M/4 |

National Topographic System  
Transverse Mercator Projection  
NAD 1987  
UTM Grid Zone 11

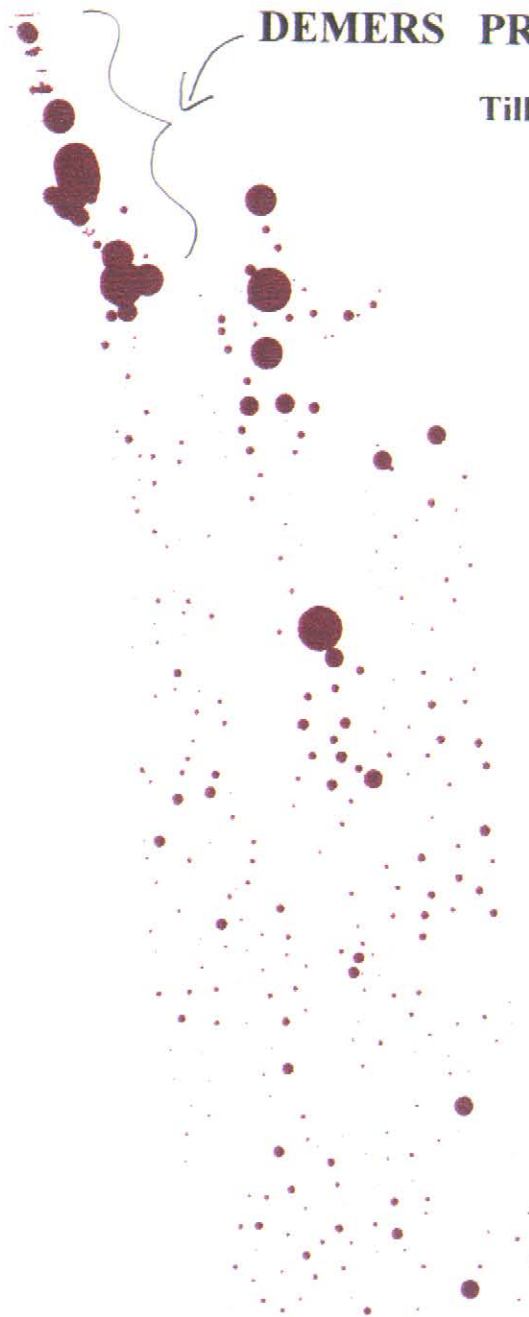
Pb



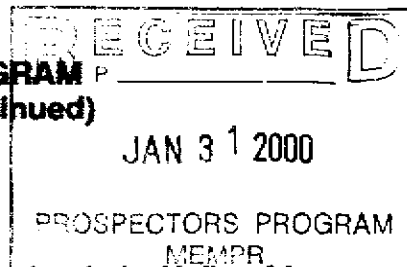
# DEMERS PROJECT

Till Geochem

Hg



**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**



**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name BOB BOURDON Reference Number 99/2000 P101

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) BAYONNE MINFILE No. if applicable N/A

Location of Project Area NTS DB2F/2W, 2E, 2W, 2E Lat 49° 15' Long 116° 45'

Description of Location and Access Most of area is accessible by fair standard logging roads. Some boat and ATV access required.

Main Commodities Searched For Be, Ta, REE, Industrial minerals such as Kyanite, wollastonite, gemstones.

Known Mineral Occurrences in Project Area N/A

**WORK PERFORMED**

1. Conventional Prospecting (area) ± 10,000 ha. recce style project.
2. Geological Mapping (hectares/scale) NIL
3. Geochemical (type and no. of samples) 30 ELEMENT CP 18 ROCKS, 41 SILTS
4. Geophysical (type and line km) NIL
5. Physical Work (type and amount) NIL other than prospecting / sampling
6. Drilling (no., holes, size, depth in m, total m) N/A
7. Other (specify) N/A

**SIGNIFICANT RESULTS**

Commodities \_\_\_\_\_ Claim Name NIL

Location (show on map) Lat \_\_\_\_\_ Long \_\_\_\_\_ Elevation \_\_\_\_\_

Best assay/sample type N/A

Description of mineralization, host rocks, anomalies

Bayonne batholith contains an abundance of narrow pegmatite dykes and lenses. Both rock and sediment sampling showed very little of interest. Expectation was that both pegmatites and siltstone would carry anomalous elements such as Be, Ta etc. All results were negative.

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Zr<br>ppm | Sn<br>ppm | Y<br>ppm | Nb<br>ppm | Be<br>ppm | Sc<br>ppm | Ce<br>ppm | Hf<br>ppm | Li<br>ppm | Rb<br>ppm | Ta<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|---------|---------|--------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S 08286      | <2        | 6         | 25        | 53        | < 5       | 7         | 2         | 550       | 1.90    | <5        | 11       | <4        | 4         | 639       | < .4      | <5        | <5        | 34       | 2.76    | .132   | 36        | 14        | .69     | 938       | .24     | 6.63    | 1.92    | 1.15   | <4       | 10        | <2        | 22       | 18        | 2         | 5         | 65        | <1        | 21        | 46        | 1         |
| S 08287      | <2        | 2         | 11        | 46        | < 5       | <2        | <2        | 781       | 2.74    | <5        | 12       | <4        | 13        | 1086      | < .4      | <5        | <5        | 68       | 4.52    | .198   | 85        | 8         | .66     | 1081      | .55     | 8.98    | 3.51    | 1.42   | <4       | 14        | 3         | 47       | 62        | 2         | 10        | 168       | 1         | 11        | 31        | 3         |
| S 08288      | <2        | 2         | 15        | 40        | < 5       | 7         | <2        | 654       | 2.62    | <5        | 11       | <4        | 11        | 1096      | < .4      | <5        | <5        | 59       | 3.97    | .190   | 85        | 5         | .36     | 1227      | .39     | 9.25    | 3.71    | 1.64   | <4       | 10        | 2         | 40       | 48        | 2         | 8         | 169       | 1         | 8         | 40        | 3         |
| S 08289      | <2        | 3         | 9         | 64        | < 5       | <2        | <2        | 1033      | 3.55    | <5        | 14       | <4        | 15        | 1029      | < .4      | <5        | <5        | 83       | 4.32    | .200   | 102       | 6         | .59     | 979       | .58     | 9.03    | 3.30    | 1.37   | <4       | 18        | 3         | 60       | 73        | 2         | 11        | 199       | 1         | 11        | 35        | 4         |
| S 082810     | <2        | 2         | 11        | 49        | < 5       | 4         | <2        | 816       | 3.31    | <5        | 12       | <4        | 15        | 1155      | < .4      | <5        | <5        | 71       | 4.40    | .315   | 90        | 5         | .42     | 835       | .62     | 10.05   | 3.47    | 1.32   | <4       | 12        | 3         | 71       | 89        | 2         | 9         | 188       | <1        | 12        | 43        | 5         |
| RE S 082810  | <2        | 2         | 11        | 45        | < 5       | 7         | <2        | 794       | 3.46    | <5        | 12       | <4        | 17        | 1099      | < .4      | <5        | <5        | 71       | 4.57    | .346   | 100       | 5         | .42     | 838       | .64     | 9.93    | 3.60    | 1.38   | <4       | 13        | 4         | 73       | 92        | 2         | 10        | 198       | 1         | 12        | 42        | 4         |
| STANDARD CT3 | 27        | 64        | 35        | 188       | 6.7       | 42        | 10        | 900       | 4.23    | 60        | 25       | <4        | 27        | 252       | 22.4      | 24        | 21        | 136      | 1.59    | .102   | 27        | 258       | .94     | 1142      | .38     | 7.80    | 2.01    | 2.11   | 27       | 45        | 20        | 13       | 16        | 4         | 10        | 51        | 1         | 37        | 80        | <1        |

Sample type: SILT. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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## GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT BAYONNE File # 9903313  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

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| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Zr<br>ppm | Sn<br>ppm | Y<br>ppm | Nb<br>ppm | Be<br>ppm | Sc<br>ppm | Ce<br>ppm | Hf<br>ppm | Li<br>ppm | Rb<br>ppm | Ta<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|---------|---------|--------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| B 08271      | 3         | 509       | 27        | 221       | <5        | 25        | 16        | 4125      | 9.60    | <5        | <10      | <4        | <2        | 38        | 1.0       | <5        | 38        | 153      | 1.83    | .060   | 8         | 66        | 1.13    | 99        | .69     | 3.98    | .20     | 1.27   | 26       | 6         | 7         | 11       | 6         | 1         | 17        | 16        | 4         | 15        | 68        | <1        |
| B 082710     | 3         | 33        | 77        | 151       | <5        | 20        | 8         | 428       | 4.37    | <5        | <10      | <4        | <13       | 78        | <.4       | <5        | <5        | 60       | .22     | .032   | 42        | 47        | 1.05    | 808       | .48     | 8.56    | .79     | 4.29   | 7        | 15        | 4         | 7        | 12        | 2         | 20        | 72        | 3         | 23        | 260       | 2         |
| D 90394      | 3         | 26        | 6         | 15        | <5        | 2         | 3         | 162       | .94     | <5        | <10      | <4        | <2        | 12        | <.4       | <5        | <5        | 14       | .09     | .016   | 5         | 32        | .08     | 128       | .08     | 1.66    | .27     | .73    | 12       | 2         | <2        | 2        | 7         | 5         | 2         | 12        | <1        | 32        | 42        | 3         |
| D 90395      | 6         | 13        | <5        | 2         | <5        | 8         | <2        | 79        | .79     | <5        | <10      | <4        | <2        | 8         | <.4       | <5        | <5        | 6        | .06     | .007   | 2         | 49        | .03     | 27        | .02     | .55     | .24     | .13    | 14       | <2        | <2        | <2       | <2        | 2         | 1         | 5         | <1        | 17        | 9         | 1         |
| D 90397      | 2         | 5         | 12        | 26        | <5        | <2        | <2        | 1707      | 1.02    | <5        | <10      | <4        | <2        | 18        | <.4       | <5        | <5        | 3        | .29     | .156   | 2         | 21        | .09     | 130       | .02     | 6.85    | 2.36    | 2.58   | 10       | 2         | 24        | 2        | 41        | 46        | 1         | 4         | <1        | 18        | 232       | 9         |
| D 90398      | 3         | 3         | 16        | 17        | <5        | 6         | <2        | 129       | .43     | <5        | <10      | <4        | <2        | 16        | <.4       | <5        | <5        | 3        | .16     | .081   | <2        | 21        | .04     | 54        | .01     | 8.29    | 4.35    | 2.25   | <4       | 4         | 44        | <2       | 131       | 56        | <1        | <2        | 3         | 55        | 575       | 101       |
| D 90399      | <2        | 4         | <5        | 14        | <5        | <2        | <2        | 678       | 1.26    | <5        | <10      | <4        | 8         | 323       | <.4       | <5        | <5        | 25       | .49     | .063   | 57        | 8         | .13     | 709       | .08     | 9.81    | 6.20    | 1.72   | 6        | <2        | 2         | 5        | 9         | 3         | 2         | 100       | <1        | 10        | 92        | 3         |
| D 90400      | <2        | <2        | <5        | 99        | <5        | <2        | <2        | 893       | 1.19    | <5        | <10      | <4        | <2        | 86        | <.4       | <5        | <5        | 14       | 16.41   | .009   | 4         | 11        | 7.57    | 2590      | .06     | 1.41    | .22     | 1.06   | <4       | 6         | <2        | 7        | 3         | 1         | 2         | 12        | <1        | 35        | 15        | <1        |
| E 78824      | 8         | 5         | 31        | 12        | <5        | <2        | <2        | 63        | .94     | <5        | 12       | <4        | 4         | 352       | <.4       | <5        | <5        | 8        | .86     | <.002  | 8         | 9         | .02     | 348       | .02     | 9.34    | 4.38    | 3.06   | 4        | 2         | <2        | <2       | 2         | 7         | <1        | 14        | <1        | 5         | 130       | 1         |
| E 78825      | 96        | 67        | 16        | 100       | <5        | 9         | <2        | 615       | 3.49    | <5        | 12       | <4        | 7         | 802       | <.4       | <5        | <5        | 78       | 2.34    | .128   | 38        | 40        | .95     | 1262      | .43     | 8.68    | 2.63    | 2.81   | 5        | 5         | 2         | 13       | 22        | 3         | 9         | 60        | 2         | 46        | 154       | 2         |
| E 78826      | 422       | 47        | 12        | 32        | <5        | 14        | 2         | 110       | 9.32    | <5        | <10      | <4        | <2        | 43        | <.4       | <5        | <5        | 47       | .17     | .027   | 4         | 27        | .01     | 110       | .02     | .51     | .06     | .33    | 13       | 2         | <2        | 2        | <2        | 1         | 1         | 6         | <1        | 4         | 8         | <1        |
| E 78827      | 115       | 24        | 7         | 11        | <5        | 12        | <2        | 153       | 4.60    | <5        | <10      | <4        | <2        | 11        | <.4       | <5        | <5        | 53       | .02     | .010   | 2         | 43        | .02     | 55        | .02     | .31     | .04     | .20    | 14       | 2         | <2        | <2       | <1        | 4         | <1        | 4         | 6         | <1        |           |           |
| E 78848      | 6         | 6         | 20        | 5         | <5        | <2        | <2        | 193       | .69     | <5        | <10      | <4        | <2        | 19        | <.4       | <5        | <5        | 6        | .17     | .119   | <2        | 37        | .02     | 35        | .02     | 3.93    | 2.37    | .46    | 15       | 3         | 9         | <2       | 30        | 14        | <1        | 2         | 1         | 22        | 51        | 14        |
| E 78849      | <2        | <2        | 7         | 105       | <5        | 4         | <2        | 1004      | 1.28    | <5        | <10      | <4        | <2        | 70        | <.4       | <5        | <5        | 25       | 16.31   | .008   | 2         | 13        | 7.87    | 2376      | .10     | 1.22    | .20     | 1.02   | <4       | 7         | <2        | 6        | 3         | 1         | 2         | 9         | 1         | 38        | 13        | <1        |
| E 78850      | 3         | 4         | 52        | 24        | <5        | 4         | <2        | 1897      | .71     | <5        | 16       | <4        | 3         | 54        | <.4       | <5        | <5        | 8        | .89     | <.002  | <2        | 15        | .06     | 43        | .03     | 7.89    | 2.90    | 4.32   | 8        | 16        | <2        | 60       | 75        | 4         | 6         | 3         | 1         | 11        | 343       | 5         |
| E 78887      | 4         | 8         | 13        | 10        | <5        | 9         | <2        | 180       | .57     | <5        | <10      | <4        | <2        | 19        | <.4       | <5        | <5        | 3        | .16     | .123   | <2        | 22        | .05     | 43        | .03     | 7.61    | 4.60    | 1.20   | 9        | 4         | 33        | <2       | 67        | 24        | <1        | <2        | 1         | 31        | 265       | 38        |
| E 78888      | 2         | 5         | 32        | 3         | <5        | 4         | <2        | 124       | .45     | <5        | <10      | <4        | <2        | 26        | <.4       | <5        | <5        | 3        | .20     | .166   | <2        | 15        | .03     | 172       | .02     | 8.54    | 3.29    | 4.61   | 6        | 4         | 22        | <2       | 84        | 16        | <1        | 2         | 1         | 11        | 479       | 38        |
| RE E 78888   | 2         | 4         | 31        | 4         | <5        | <2        | <2        | 124       | .45     | <5        | <10      | <4        | 2         | 27        | <.4       | <5        | <5        | 3        | .20     | .162   | <2        | 15        | .03     | 173       | .01     | 8.73    | 3.27    | 4.64   | 6        | 5         | 22        | <2       | 74        | 16        | <1        | <2        | 1         | 11        | 490       | 38        |
| E 78895      | 4         | 6         | 31        | 8         | <5        | 4         | <2        | 142       | .96     | <5        | <10      | <4        | 2         | 63        | <.4       | <5        | 5         | 3        | .39     | <.002  | <2        | 33        | .05     | 130       | .03     | 8.78    | 2.87    | 3.97   | 19       | 3         | 16        | 2        | 42        | 21        | 1         | 3         | <1        | 45        | 421       | 10        |
| E 78896      | 2         | <2        | 11        | 10        | <5        | 2         | <2        | 81        | .56     | <5        | <10      | <4        | <2        | 344       | <.4       | <5        | <5        | 22       | 1.73    | <.002  | 2         | 12        | .15     | 326       | .07     | 10.18   | 3.20    | 1.97   | 14       | 2         | 12        | <2       | 15        | 54        | 2         | 3         | <1        | 80        | 174       | 3         |
| E 78897      | 4         | 14        | 13        | 31        | <5        | 7         | 2         | 228       | 2.01    | <5        | <10      | <4        | 5         | 106       | <.4       | <5        | 6         | 35       | .64     | .113   | 14        | 39        | .43     | 762       | .19     | 8.60    | 1.24    | 3.31   | 16       | 2         | 10        | 9        | 25        | 11        | 9         | 26        | 1         | 66        | 224       | 3         |
| E 78898      | 2         | 12        | 9         | 44        | <5        | 7         | <2        | 302       | 2.48    | <5        | <10      | <4        | 9         | 194       | <.4       | <5        | <5        | 27       | 1.06    | .016   | 28        | 43        | .54     | 327       | .22     | 6.25    | 1.83    | 1.71   | 10       | 2         | 29        | 7        | 17        | 6         | 8         | 51        | 1         | 79        | 119       | 2         |
| E 78899      | 3         | 2         | 26        | 8         | <5        | <2        | <2        | 163       | .62     | <5        | <10      | <4        | <2        | 423       | <.4       | <5        | <5        | 5        | 1.20    | <.002  | <2        | 20        | .04     | 337       | .04     | 7.84    | 2.91    | 4.25   | 7        | 5         | <2        | <2       | 6         | 2         | 1         | <2        | <1        | 3         | 138       | 3         |
| E 78900      | 2         | <2        | 14        | 6         | <5        | 4         | <2        | 440       | .55     | <5        | <10      | <4        | <2        | 422       | <.4       | <5        | <5        | 3        | 1.47    | <.002  | <2        | 22        | .03     | 323       | .03     | 6.41    | 2.72    | 2.01   | 9        | 4         | <2        | 4        | 5         | 2         | 1         | <2        | <1        | 5         | 52        | 1         |
| STANDARD CT3 | 27        | 66        | 37        | 173       | 6.4       | 40        | 10        | 1060      | 4.23    | 59        | 24       | <4        | 28        | 248       | 24.9      | 24        | 23        | 139      | 1.63    | .104   | 26        | 267       | .93     | 1122      | .40     | 7.66    | 1.89    | 2.13   | 30       | 43        | 20        | 13       | 17        | 4         | 12        | 44        | 5         | 35        | 81        | <1        |
| STANDARD G-2 | 2         | 3         | 16        | 48        | <5        | 4         | <2        | 824       | 2.48    | <5        | <10      | <4        | 8         | 838       | .4        | <5        | <5        | 62       | 3.05    | .092   | 29        | 105       | .73     | 1081      | .27     | 8.99    | 3.03    | 3.24   | <4       | 7         | <2        | 13       | 18        | 2         | 7         | 50        | 2         | 36        | 137       | 2         |

GROUP 1E - 0.25 GM SAMPLE DIGESTED WITH HClO<sub>4</sub>-HNO<sub>3</sub>-HCL-HF TO 10 ML. UPPER LIMITS - AG, AU, HG, W = 200 PPM; MO, CO, CD, SB, BI, TH & U = 4000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. DIGESTION IS PARTIAL SOME MINERALS & MAY VOLATILIZE SOME ELEMENTS.  
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 8 1999 DATE REPORT MAILED: Sept 16/99 SIGNED BY: C. R. D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT BAYONNE

File # 9903314

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907 W. Richards St., Nelson BC V1L 5T3

Submitted by: R.J. Bourdon



| SAMPLE#    | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Zr<br>ppm | Sn<br>ppm | Y<br>ppm | Nb<br>ppm | Be<br>ppm | Sc<br>ppm | Ce<br>ppm | Hf<br>ppm | Li<br>ppm | Rb<br>ppm | Ta<br>ppm |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|---------|---------|--------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| B 08272    | <2        | 9         | 19        | 78        | <.5       | 11        | 5         | 912       | 4.31    | <.5       | 16       | <4        | 46        | 690       | <.4       | <.5       | <.5       | 134      | 3.75    | .441   | 116       | 28        | 1.24    | 727       | .61     | 8.46    | 2.79    | 1.94   | <4       | 20        | 3         | 37       | 65        | 2         | 16        | 188       | 1         | 36        | 83        | 2         |
| B 08273    | 2         | <2        | 17        | 52        | <.5       | 15        | 2         | 785       | 6.22    | <.5       | 55       | 5         | 240       | 695       | <.4       | <.5       | <.5       | 185      | 3.96    | .403   | 193       | 50        | .81     | 668       | .79     | 7.60    | 3.13    | 1.77   | <4       | 24        | 7         | 84       | 163       | 3         | 18        | 341       | 2         | 17        | 55        | 7         |
| B 08274    | <2        | 2         | 20        | 36        | <.5       | 4         | <2        | 562       | 3.75    | <.5       | 25       | <4        | 45        | 639       | <.4       | <.5       | <.5       | 105      | 2.79    | .259   | 125       | 28        | .50     | 791       | .46     | 8.09    | 2.85    | 2.16   | <4       | 18        | 3         | 45       | 73        | 2         | 10        | 202       | 1         | 14        | 67        | 3         |
| B 08275    | 2         | <2        | 19        | 52        | <.5       | 9         | 2         | 781       | 6.44    | <.5       | 38       | 5         | 102       | 697       | <.4       | <.5       | <.5       | 191      | 4.25    | .509   | 192       | 57        | .87     | 681       | .77     | 7.85    | 2.93    | 1.79   | <4       | 26        | 7         | 78       | 148       | 3         | 18        | 341       | 2         | 19        | 62        | 5         |
| B 08276    | 2         | 4         | 21        | 79        | <.5       | 13        | 4         | 878       | 3.38    | <.5       | 60       | 6         | 58        | 618       | <.4       | <.5       | <.5       | 104      | 3.34    | .352   | 115       | 28        | 1.02    | 674       | .57     | 7.76    | 2.27    | 1.52   | <4       | 24        | 4         | 45       | 80        | 3         | 16        | 198       | 1         | 39        | 58        | 3         |
| B 08277    | 2         | <2        | 22        | 72        | <.5       | 10        | 3         | 825       | 4.28    | <.5       | 65       | <4        | 87        | 736       | <.4       | <.5       | <.5       | 135      | 4.11    | .493   | 169       | 38        | 1.02    | 680       | .70     | 8.59    | 3.40    | 1.76   | <4       | 23        | 6         | 65       | 123       | 3         | 18        | 301       | 2         | 29        | 70        | 5         |
| B 08278    | 2         | 2         | 16        | 80        | <.5       | 15        | 4         | 848       | 5.92    | <.5       | 80       | <4        | 173       | 697       | <.4       | <.5       | <.5       | 180      | 3.84    | .446   | 164       | 48        | 1.01    | 657       | .75     | 7.89    | 3.10    | 1.64   | <4       | 26        | 7         | 73       | 137       | 3         | 19        | 297       | 2         | 32        | 71        | 6         |
| B 08279    | 2         | <2        | 22        | 59        | <.5       | 9         | 3         | 821       | 5.20    | <.5       | 45       | 5         | 133       | 732       | <.4       | <.5       | <.5       | 158      | 4.06    | .453   | 169       | 37        | .92     | 1329      | .73     | 7.88    | 3.20    | 1.62   | <4       | 23        | 7         | 73       | 146       | 3         | 19        | 306       | 2         | 22        | 61        | 6         |
| B 082711   | <2        | 6         | 20        | 46        | <.5       | 8         | 4         | 1173      | 1.55    | <.5       | <10      | <4        | 15        | 546       | .4        | <.5       | <.5       | 48       | 2.12    | .135   | 49        | 13        | .50     | 678       | .36     | 7.72    | 2.78    | 1.54   | <4       | 40        | 3         | 20       | 35        | 2         | 9         | 84        | 2         | 39        | 53        | 1         |
| B 082712   | 2         | 6         | 32        | 137       | .5        | 19        | 6         | 873       | 3.48    | <.5       | 100      | <4        | 53        | 540       | 1.3       | <.5       | <.5       | 106      | 3.07    | .229   | 107       | 29        | 1.21    | 627       | .60     | 8.44    | 2.38    | 1.38   | <4       | 30        | 4         | 37       | 66        | 3         | 16        | 163       | 1         | 64        | 70        | 3         |
| B 082713   | <2        | <2        | 13        | 52        | <.5       | 4         | <2        | 991       | 3.24    | <.5       | 12       | <4        | 20        | 1318      | <.4       | <.5       | <.5       | 90       | 5.16    | .236   | 118       | 6         | .55     | 1038      | .71     | 11.15   | 3.65    | 1.52   | <4       | 15        | 4         | 60       | 80        | 2         | 13        | 215       | 1         | 10        | 41        | 4         |
| D 90396A   | <2        | 4         | 17        | 34        | <.5       | 8         | 2         | 648       | 2.55    | <.5       | 14       | <4        | 18        | 990       | <.4       | <.5       | <.5       | 63       | 4.31    | .219   | 99        | 14        | .82     | 1158      | .41     | 9.37    | 2.77    | 1.80   | <4       | 10        | 4         | 46       | 46        | 2         | 11        | 167       | 1         | 11        | 51        | 3         |
| D 90396B   | <2        | 2         | 15        | 45        | <.5       | 2         | <2        | 602       | 1.96    | <.5       | <10      | <4        | 18        | 834       | <.4       | <.5       | <.5       | 45       | 3.56    | .136   | 88        | 12        | .72     | 1092      | .34     | 8.63    | 1.12    | 1.80   | <4       | 8         | 3         | 37       | 34        | 2         | 9         | 152       | 1         | 17        | 58        | 2         |
| E 78872    | <2        | 24        | 11        | 67        | <.5       | 17        | <2        | 1111      | 2.18    | <.5       | 700      | <4        | 19        | 287       | <.4       | <.5       | <.5       | 49       | 2.32    | .063   | 96        | 14        | .83     | 553       | .32     | 6.62    | .33     | 1.36   | <4       | 6         | 2         | 19       | 16        | 3         | 4         | 115       | 3         | 82        | 33        | 2         |
| E 78873    | <2        | 7         | 31        | 61        | <.5       | 10        | 2         | 1251      | 1.71    | <.5       | 380      | <4        | 31        | 443       | <.4       | <.5       | <.5       | 37       | 2.18    | .093   | 92        | 27        | .50     | 609       | .25     | 8.14    | .97     | 1.91   | <4       | 16        | 2         | 27       | 30        | 5         | 6         | 141       | 1         | 63        | 118       | 3         |
| E 78874    | <2        | 8         | <.5       | 59        | <.5       | 10        | <2        | 1298      | 2.25    | <.5       | 16       | <4        | 51        | 379       | <.4       | <.5       | <.5       | 56       | 2.13    | .029   | 165       | 8         | .71     | 602       | .55     | 8.54    | <.01    | 2.06   | <4       | 2         | <2        | 12       | 15        | 2         | 2         | 250       | 1         | 87        | 24        | 1         |
| E 78875    | <2        | 12        | 12        | 57        | <.5       | 14        | <2        | 1067      | 1.72    | <.5       | <10      | <4        | 8         | 177       | <.4       | <.5       | <.5       | 42       | 1.11    | .030   | 29        | 15        | .42     | 508       | .26     | 6.80    | .39     | 1.55   | <4       | 6         | 2         | 5        | 6         | 2         | 5         | 56        | 1         | 69        | 49        | <1        |
| E 78876    | 3         | 15        | 20        | 63        | <.5       | 12        | 11        | 1292      | 2.74    | <.5       | <10      | <4        | 11        | 143       | <.4       | <.5       | <.5       | 62       | 1.05    | .069   | 35        | 42        | .53     | 522       | .38     | 7.58    | 2.19    | 1.87   | <4       | 11        | 2         | 9        | 16        | 4         | 11        | 65        | <1        | 75        | 113       | 3         |
| E 78877    | <2        | 9         | 23        | 55        | <.5       | 12        | 4         | 816       | 1.91    | <.5       | 21       | <4        | 15        | 585       | <.4       | <.5       | <.5       | 48       | 2.52    | .156   | 56        | 48        | .73     | 757       | .29     | 8.51    | 3.04    | 1.96   | <4       | 12        | <2        | 21       | 21        | 5         | 9         | 95        | 1         | 61        | 126       | 2         |
| E 78878    | <2        | <2        | 31        | 26        | <.5       | <2        | <2        | 724       | .78     | <.5       | 70       | <4        | 114       | 239       | <.4       | <.5       | <.5       | 14       | 1.54    | .094   | 216       | 5         | .17     | 500       | .11     | 7.62    | 3.41    | 2.64   | <4       | 11        | <2        | 32       | 12        | 5         | 3         | 359       | <1        | 32        | 152       | 3         |
| E 78879    | <2        | 4         | 28        | 48        | <.5       | 4         | <2        | 706       | 1.77    | <.5       | 17       | <4        | 25        | 1088      | <.4       | <.5       | <.5       | 44       | 3.53    | .143   | 85        | 11        | .33     | 1034      | .30     | 10.04   | 3.13    | 1.87   | <4       | 5         | 2         | 42       | 35        | 4         | 8         | 137       | 1         | 46        | 84        | 2         |
| E 78880    | <2        | 2         | 25        | 30        | <.5       | 7         | <2        | 798       | 1.49    | <.5       | 13       | <4        | 20        | 1163      | <.4       | <.5       | <.5       | 38       | 3.64    | .079   | 86        | 12        | .22     | 1147      | .32     | 10.30   | 3.72    | 1.91   | <4       | 9         | 2         | 43       | 52        | 4         | 9         | 133       | 1         | 44        | 75        | 4         |
| E 78881    | <2        | 3         | 27        | 37        | <.5       | 16        | <2        | 808       | 1.66    | <.5       | 23       | <4        | 22        | 910       | <.4       | <.5       | <.5       | 47       | 2.97    | .059   | 85        | 26        | .38     | 924       | .33     | 8.92    | 3.32    | 1.72   | <4       | 9         | <2        | 37       | 34        | 4         | 9         | 133       | 1         | 68        | 83        | 2         |
| E 78889    | <2        | 2         | 16        | 54        | <.5       | <2        | <2        | 959       | 3.07    | <.5       | 11       | <4        | 13        | 1061      | <.4       | <.5       | <.5       | 79       | 4.66    | .221   | 98        | 9         | .93     | 1001      | .60     | 9.30    | 3.16    | 1.41   | <4       | 16        | 4         | 53       | 65        | 2         | 13        | 174       | 1         | 12        | 44        | 3         |
| E 78890    | <2        | <2        | 14        | 50        | <.5       | <2        | <2        | 845       | 3.72    | <.5       | 11       | <4        | 17        | 1048      | <.4       | <.5       | <.5       | 90       | 4.76    | .252   | 107       | 11        | .96     | 1008      | .64     | 9.49    | 3.22    | 1.50   | <4       | 19        | 3         | 57       | 70        | 2         | 13        | 186       | 1         | 13        | 48        | 3         |
| RE E 78890 | <2        | 2         | 15        | 49        | <.5       | 3         | <2        | 834       | 3.47    | <.5       | 10       | <4        | 14        | 1061      | .4        | <.5       | <.5       | 84       | 4.58    | .248   | 96        | 10        | .96     | 1056      | .61     | 9.61    | 3.24    | 1.50   | <4       | 18        | 4         | 53       | 66        | 2         | 13        | 170       | 1         | 13        | 51        | 2         |
| E 78891    | <2        | 20        | 16        | 82        | .6        | 12        | 3         | 876       | 2.48    | <.5       | 27       | <4        | 8         | 335       | <.4       | <.5       | <.5       | 40       | 3.29    | .084   | 43        | 24        | 2.56    | 2955      | .27     | 7.25    | 1.03    | 2.89   | <4       | 20        | 2         | 47       | 14        | 4         | 8         | 73        | 1         | 69        | 114       | 1         |
| E 78892    | <2        | 7         | 18        | 49        | <.5       | 10        | 3         | 574       | 2.08    | <.5       | <10      | <4        | 14        | 401       | <.4       | <.5       | <.5       | 40       | 2.34    | .057   | 67        | 18        | 1.04    | 877       | .27     | 6.74    | 1.57    | 1.59   | 12       | 10        | 3         | 26       | 18        | 3         | 8         | 112       | 1         | 42        | 80        | 1         |
| E 78893    | <2        | 16        | 13        | 72        | <.5       | 5         | 8         | 904       | 4.41    | <.5       | 12       | <4        | 11        | 562       | .4        | <.5       | <.5       | 142      | 5.36    | .418   | 71        | 20        | 2.76    | 961       | .47     | 7.36    | 1.78    | 1.58   | <4       | 13        | 2         | 28       | 18        | 2         | 21        | 122       | 1         | 34        | 67        | <1        |
| E 78894    | <2        | 4         | 31        | 41        | <.5       | 12        | 3         | 590       | 2.36    | <.5       | <10      | <4        | 15        | 612       | <.4       | <.5       | <.5       | 57       | 3.51    | .178   | 80        | 30        | 1.36    | 1045      | .35     | 7.41    | 2.32    | 1.78   | <4       | 11        | 2         | 29       | 25        | 2         | 11        | 135       | <1        | 23        | 64        | 2         |
| S 08281    | <2        | 2         | 14        | 32        | <.5       | 6         | 2         | 513       | 2.14    | <.5       | <10      | <4        | 17        | 567       | <.4       | <.5       | <.5       | 48       | 2.85    | .133   | 86        | 19        | .88     | 923       | .29     | 7.20    | 2.54    | 1.72   | <4       | 9         | 2         | 30       | 25        | 2         | 9         | 141       | 1         | 23        | 64        | 1         |
| S 08282    | <2        | 5         | 23        | 82        | <.5       | 7         | 2         | 607       | 1.94    | <.5       | <10      | <4        | 23        | 458       | <.4       | <.5       | <.5       | 37       | 2.79    | .055   | 89        | 13        | 1.63    | 993       | .25     | 6.98    | 2.20    | 1.92   | <4       | 16        | 2         | 32       | 21</      |           |           |           |           |           |           |           |

| SAMPLE#  | GPS<br>FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   | LOCATION                                                                                       |
|----------|-----------------|------|---------|------|------|---------|--------|------------------------------------------------------------------------------------------------|
| B 08271  | R082719A        | 1999 | BAYONNE | ROCK | 11   | 5468823 | 520148 | On Twin Bays road about 1 km from hiway - Po-Py-Cpy? in metaseds                               |
| B 08272  |                 | 1999 | BAYONNE | SILT | 11   | 5465993 | 522145 | About 4.9 km from hiway                                                                        |
| B 08273  | R082720A        | 1999 | BAYONNE | SILT | 11   | 5465626 | 522461 | Twin Bays road                                                                                 |
| B 08274  |                 | 1999 | BAYONNE | SILT | 11   | 5465508 | 523184 | Twin Bays road                                                                                 |
| B 08275  |                 | 1999 | BAYONNE | SILT | 11   | 5465543 | 523967 | Twin Bays road                                                                                 |
| B 08276  |                 | 1999 | BAYONNE | SILT | 11   | 5465454 | 524002 | Twin Bays road                                                                                 |
| B 08277  |                 | 1999 | BAYONNE | SILT | 11   | 5466296 | 523935 | Twin Bays road                                                                                 |
| B 08278  | R082722A        | 1999 | BAYONNE | SILT | 11   | 5466683 | 523923 | Twin Bays road                                                                                 |
| B 08279  | R082722B        | 1999 | BAYONNE | SILT | 11   | 5467195 | 523704 | Twin Bays road                                                                                 |
| B 082710 | R082722B        | 1999 | BAYONNE | ROCK | 11   | 5467195 | 523704 | Rusty granitic rock fine grained Py                                                            |
| B 082711 | R082723A        | 1999 | BAYONNE | SILT | 11   | 5468056 | 523015 |                                                                                                |
| B 082712 |                 | 1999 | BAYONNE | SILT | 11   | 5465479 | 524834 | Silt is about 50 meters North of R082800A                                                      |
| B 082713 |                 | 1999 | BAYONNE | SILT | 11   | 5466482 | 524827 |                                                                                                |
| D 90394  | Z071822A        | 1999 | BAYONNE | ROCK | 11   | 5465832 | 509891 | McGregor Mtn. pegmatite - road is sluffed out about 25 meters to SE                            |
| D 90395  | Z071822A        | 1999 | BAYONNE | ROCK | 11   | 5465842 | 509891 | McGregor Mtn. pegmatite 10 meters North of D 90394 - road is sluffed out about 25 meters to SE |
| D 90396A | R090500A        | 1999 | BAYONNE | SILT | 11   | 5443270 | 522808 | About 1.9 km from Topaz road                                                                   |
| D 90396B |                 | 1999 | BAYONNE | SILT | 11   | 5443550 | 525110 | On hiway 1st creek W of Topaz Cr                                                               |
| D 90397  |                 | 1999 | BAYONNE | ROCK | 11   | 5443359 | 523350 | Pegmatite lens in hiway cut about 1.6 km West of Topaz Creek turnoff (0904rock1)               |
| D 90398  | R090500B        | 1999 | BAYONNE | ROCK | 11   | 5443093 | 522205 | Pegmatite lens in hiway cut about 2.3 km West of Topaz Creek turnoff (090500b)                 |
| D 90399  | R090422B        | 1999 | BAYONNE | ROCK | 11   | 5445689 | 524043 | At about 3.3 km on Topaz road just past small creek                                            |
| D 90400  | R090422C        | 1999 | BAYONNE | ROCK | 11   | 5446107 | 524052 | O/C on switchback where white "kyanite" looking rock                                           |
| E 78847  | R082717A        | 1999 | BAYONNE | ROCK | 11   | 5444817 | 524371 | Pegmatite dyke Topaz Creek road                                                                |
| E 78848  | R082718A        | 1999 | BAYONNE | ROCK | 11   | 5444951 | 524364 | Pegmatite dyke Topaz Creek road about 30 meters West of powerline 9903313                      |
| E 78849  | R082718B        | 1999 | BAYONNE | ROCK | 11   | 5446223 | 524132 | White Kyanite? looking O/C at switchback 9903313                                               |
| E 78850  | R082719A        | 1999 | BAYONNE | ROCK | 11   | 5445109 | 518368 | Pegmatite dyke Topaz Creek road 9903313                                                        |
| E 78872  | Z071820A        | 1999 | BAYONNE | SILT | 11   | 5463006 | 512065 | CULTUS CR N SIDE                                                                               |
| E 78873  | Z071820B        | 1999 | BAYONNE | SILT | 11   | 5464898 | 515270 | 1 KM N OF TYE                                                                                  |
| E 78874  | Z071821A        | 1999 | BAYONNE | SILT | 11   | 5464131 | 515082 | JUST N OF TYE                                                                                  |
| E 78875  | Z071823A        | 1999 | BAYONNE | SILT | 11   | 5466006 | 509667 | McGREGOR MTN                                                                                   |
| E 78876  | Z071823B        | 1999 | BAYONNE | SILT | 11   | 5466348 | 509379 | McGREGOR MTN                                                                                   |
| E 78877  | Z072522A        | 1999 | BAYONNE | SILT | 11   | 5467971 | 514106 | 1ST CR S OF MIDGE CR                                                                           |
| E 78878  | Z072523A        | 1999 | BAYONNE | SILT | 11   | 5462306 | 517041 | CR S OF TYE                                                                                    |
| E 78879  | Z072600A        | 1999 | BAYONNE | SILT | 11   | 5471640 | 513117 | CR N OF MIDGE                                                                                  |
| E 78880  | Z072601A        | 1999 | BAYONNE | SILT | 11   | 5473942 | 513500 | Drewry                                                                                         |

| SAMPLE#  | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   | LOCATION                                                                                 |
|----------|----------|------|---------|------|------|---------|--------|------------------------------------------------------------------------------------------|
| E 78881  | Z072801B | 1999 | BAYONNE | SILT | 11   | 5481911 | 511442 | About 1 km North of Rhinoceros Point                                                     |
| E 78887  | R090422A | 1999 | BAYONNE | ROCK | 11   | 5444932 | 524326 | Pegmatite about 25m S of P/L Str 210 Dip 45W                                             |
| E 78888  |          | 1999 | BAYONNE | ROCK | 11   | 5445530 | 524684 | Just South of E78894                                                                     |
| E 78889  |          | 1999 | BAYONNE | SILT | 11   | 5445815 | 522377 | About 100 meters SouthEast of R090423A                                                   |
| E 78890  | R090423A | 1999 | BAYONNE | SILT | 11   | 5445862 | 522225 | Topaz Creek                                                                              |
| E 78891  |          | 1999 | BAYONNE | SILT | 11   | 5446180 | 523975 | About 100 meters NW of R090422C on switchback (R090422s)                                 |
| E 78892  | R090421A | 1999 | BAYONNE | SILT | 11   | 5445951 | 525062 | About 1.2 km on Topaz road                                                               |
| E 78893  | R090421B | 1999 | BAYONNE | SILT | 11   | 5445685 | 524809 | About 1.45 km on Topaz road                                                              |
| E 78894  | R090421C | 1999 | BAYONNE | SILT | 11   | 5445641 | 524635 | About 1.5 km on Topaz road                                                               |
| E 78895  | Z082823A | 1999 | BAYONNE | ROCK | 11   | 5449721 | 523583 | elev 832m                                                                                |
| E 78896  | Z082823B | 1999 | BAYONNE | ROCK | 11   | 5450048 | 523310 | elev 918m - pegmatite with some grey quartz                                              |
| E 78897  | Z082823C | 1999 | BAYONNE | ROCK | 11   | 5450223 | 523317 | elev 998m - pegmatite with black cubic mineral at about 7.1 km on road                   |
| E 78898  | Z082823D | 1999 | BAYONNE | ROCK | 11   | 5450446 | 523301 | elev 1110m metaseds at about 7.3 km on road                                              |
| E 78899  | Z082900B | 1999 | BAYONNE | SILT | 11   | 5453355 | 520274 | Same as 082810                                                                           |
| E 78900  | Z082901B | 1999 | BAYONNE | SILT | 11   | 5449070 | 522405 | Creek South of Newington Cr                                                              |
| S 08281  | Z082821A | 1999 | BAYONNE | SILT | 11   | 5445147 | 525647 | About 1.7 km from hiway on Topaz road elev 824m                                          |
| S 08282  | Z082821B | 1999 | BAYONNE | SILT | 11   | 5447508 | 525125 | About 4.2 km from hiway on Topaz road elev 787m                                          |
| S 08283  | Z082822A | 1999 | BAYONNE | SILT | 11   | 5447617 | 524839 | About 4.5 km from hiway on Topaz road elev 757m                                          |
| S 08284  | Z082822B | 1999 | BAYONNE | SILT | 11   | 5448138 | 524538 | About 5.0 km from hiway on Topaz road elev 845m                                          |
| S 08285  | Z082822C | 1999 | BAYONNE | SILT | 11   | 5448534 | 524182 | About 5.4 km from hiway on Topaz road elev 767m                                          |
| S 08286  |          | 1999 | BAYONNE | SILT | 11   | 5448672 | 524065 | About 5.6 km from hiway on Topaz road                                                    |
| S 08287  | Z082822D | 1999 | BAYONNE | SILT | 11   | 5449381 | 523686 | Midgely Creek at about 6.1 km from hiway on Topaz road elev 768m                         |
| S 08288  | Z082823E | 1999 | BAYONNE | SILT | 11   | 5450825 | 521430 | Newington Cr about 8.9 km from hiway on Topaz road - minor pegmatite in creek elev 1179m |
| S 08289  | Z082900A | 1999 | BAYONNE | SILT | 11   | 5451803 | 521026 | About 9.7 km from hiway on Topaz road - no pegmatite seen in creek elev 1320m            |
| S 082810 | Z082900B | 1999 | BAYONNE | SILT | 11   | 5453384 | 520214 | About 4.5 km from hiway on Topaz road elev 1460m                                         |



## GEOCHEMICAL ANALYSIS CERTIFICATE



Addie, Lloyd PROJECT FOX File # 9901508

1102 Gordon Road A-801, Nelson BC V1L 1N4

| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Mi<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Tl<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|
| E139118      | 3.0       | 312.7     | 11.3      | 96.6      | 249       | 65.1      | 30.3      | 681       | 6.57    | 25.6      | .9       | 66.2      | 2.6       | 52.5      | .39       | 2.29      | .33       | 146      | .70     | .113   | 10.0      | 114.1     | 1.43    | 58.0      | .148    | 1        | 2.39    | .01     | .14    | .6       | .22       | 44        | .8        | .10       | 6.8       |
| RE E139119   | 1.8       | 191.9     | 8.2       | 128.4     | 292       | 65.0      | 22.3      | 504       | 5.48    | 18.0      | .7       | 16.4      | 2.6       | 44.7      | .37       | 1.64      | .25       | 133      | .67     | .081   | 8.6       | 115.7     | 1.24    | 65.4      | .170    | 1        | 2.62    | .01     | .25    | .3       | .22       | 33        | .6        | .08       | 7.4       |
| E139119      | 1.7       | 192.4     | 8.3       | 128.0     | 196       | 65.5      | 22.0      | 500       | 5.48    | 17.7      | .7       | 12.7      | 2.5       | 43.0      | .38       | 1.58      | .23       | 133      | .65     | .080   | 8.2       | 114.9     | 1.24    | 65.5      | .167    | 1        | 2.61    | .01     | .25    | .3       | .22       | 27        | .5        | .08       | 7.3       |
| E139120      | 1.3       | 249.8     | 8.0       | 87.2      | 383       | 53.3      | 24.5      | 575       | 4.67    | 11.3      | .4       | 36.0      | 2.8       | 46.8      | .24       | 1.16      | .23       | 103      | .73     | .049   | 7.6       | 96.1      | 1.29    | 76.4      | .159    | 1        | 2.34    | .02     | .12    | .3       | .17       | 63        | .8        | .07       | 6.5       |
| E139121      | 2.4       | 170.4     | 7.7       | 83.3      | 109       | 61.9      | 29.0      | 617       | 5.47    | 14.9      | .5       | 26.4      | 2.6       | 45.1      | .15       | 1.57      | .24       | 145      | .52     | .054   | 10.0      | 145.0     | 1.85    | 61.8      | .147    | 1        | 2.44    | .01     | .13    | .2       | .16       | 34        | .6        | .12       | 7.8       |
| E139122      | 3.0       | 220.2     | 10.0      | 102.9     | 343       | 103.9     | 31.9      | 659       | 6.47    | 13.3      | .5       | 29.0      | 2.0       | 44.1      | .19       | 1.68      | .22       | 180      | .59     | .060   | 6.5       | 268.5     | 2.71    | 53.8      | .181    | 1        | 2.93    | .01     | .09    | .3       | .19       | 29        | 1.1       | .19       | 9.1       |
| E139123      | 2.3       | 173.8     | 9.2       | 129.5     | 269       | 69.7      | 25.8      | 589       | 6.19    | 22.9      | .4       | 10.8      | 3.4       | 44.7      | .33       | 2.92      | .66       | 166      | .74     | .050   | 11.5      | 121.2     | 1.70    | 130.9     | .168    | 1        | 3.25    | .02     | .15    | .8       | .14       | 37        | .5        | .07       | 9.7       |
| E139124      | 8.7       | 99.6      | 10.8      | 346.6     | 690       | 88.0      | 28.8      | 805       | 4.67    | 26.9      | .5       | 15.4      | 1.7       | 189.5     | 3.27      | 3.69      | .23       | 93       | 7.75    | .183   | 7.5       | 121.6     | 1.54    | 360.4     | .021    | 1        | 1.40    | .01     | .07    | < 2      | .29       | 210       | 2.9       | .11       | 4.0       |
| E139125      | 24.1      | 279.7     | 14.4      | 913.1     | 348       | 131.8     | 22.7      | 352       | 7.35    | 52.1      | .6       | 6.3       | 2.1       | 19.5      | 5.53      | 12.87     | .22       | 57       | .12     | .111   | 7.7       | 32.3      | .49     | 603.2     | .010    | 1        | 1.49    | .01     | .08    | < 2      | 1.36      | 58        | 7.8       | .15       | 2.5       |
| E139126      | 12.8      | 271.7     | 22.2      | 476.7     | 762       | 119.0     | 43.1      | 1208      | 8.30    | 48.1      | .6       | 25.8      | 2.4       | 73.3      | 5.97      | 9.23      | .31       | 88       | .97     | .161   | 12.2      | 54.0      | .96     | 291.9     | .064    | 1        | 1.49    | .01     | .08    | < 2      | .84       | 384       | 4.4       | .12       | 3.9       |
| E139127      | 15.4      | 219.1     | 24.1      | 467.0     | 1005      | 105.7     | 33.0      | 1159      | 7.31    | 31.0      | .8       | 19.2      | 2.7       | 64.2      | 4.62      | 11.73     | .37       | 76       | .93     | .215   | 13.0      | 38.7      | .77     | 577.1     | .049    | 1        | 1.26    | .01     | .12    | < 2      | .45       | 727       | 4.2       | .16       | 3.7       |
| KEG3+40W     | 2.2       | 176.5     | 8.7       | 83.6      | 245       | 55.1      | 27.2      | 536       | 5.53    | 12.2      | .4       | 24.9      | 1.7       | 40.1      | .15       | 1.75      | .26       | 143      | .49     | .052   | 5.6       | 114.2     | 1.82    | 40.3      | .137    | 1        | 2.33    | .01     | .15    | .3       | .13       | 35        | .9        | .11       | 7.5       |
| KEG9+00W     | 1.3       | 87.0      | 6.7       | 53.6      | 151       | 31.5      | 21.1      | 607       | 2.80    | 23.3      | .3       | 6.6       | .7        | 274.9     | .89       | 2.09      | .24       | 58       | 13.68   | .082   | 3.7       | 52.2      | .81     | 67.3      | .056    | 1        | 1.08    | .01     | .08    | .7       | .13       | 66        | 1.0       | .09       | 3.2       |
| STANDARD DS2 | 15.6      | 130.0     | 31.5      | 165.4     | 266       | 38.2      | 12.9      | 834       | 3.15    | 59.7      | 21.5     | 201.2     | 3.6       | 29.3      | 11.64     | 9.05      | 11.27     | 82       | .56     | .081   | 12.5      | 167.0     | .60     | 142.2     | .105    | 1        | 1.80    | .03     | .16    | 7.6      | 2.14      | 258       | 2.7       | 1.91      | 6.2       |

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES &amp; MS.

THIS LEACH IS PARTIAL FOR MM FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.

- SAMPLE TYPE: TILL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 25 1999 DATE REPORT MAILED: *June 8/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG, CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. File # 9901713

907 W. Richards St., Nelson BC V1L 5T3



| SAMPLE#          | Mo  | Cu   | Pb  | Zn  | Ag  | Ni  | Co  | Mn   | Fe    | As  | U   | Au  | Th  | Sr   | Cd   | Sb  | Bi  | V   | Ca    | P    | La  | Cr  | Mg   | Ba   | Ti   | B  | Al   | Na  | K   | W   | Au* |
|------------------|-----|------|-----|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|------|------|-----|-----|-----|-------|------|-----|-----|------|------|------|----|------|-----|-----|-----|-----|
|                  | ppm | ppm  | ppm | ppm | ppm | ppm | ppm | ppm  | %     | ppm | ppm | ppm | ppm | ppm  | ppm  | ppm | ppm | ppm | %     | %    | ppm | ppm | %    | ppm  | %    | %  | %    | %   | %   | ppm | ppb |
| E78851           | 190 | 43   | 117 | 100 | .9  | 39  | 12  | 1378 | 5.08  | 7   | <8  | <2  | <2  | 82   | 2.9  | 3   | 5   | 64  | 2.17  | .053 | 2   | 45  | 1.22 | 126  | .01  | <3 | .30  | .04 | .33 | 4   | 9   |
| E78852           | 5   | 38   | 15  | 228 | .3  | 28  | 10  | 1031 | 2.11  | 12  | <8  | <2  | 5   | 2029 | 1.6  | 7   | <3  | 25  | 17.57 | .076 | 5   | 14  | .23  | 395  | <.01 | 3  | .25  | .02 | .12 | <2  | 4   |
| E78853           | 333 | 39   | 137 | 96  | 1.1 | 48  | 18  | 2018 | 7.18  | 9   | <8  | <2  | 2   | 106  | 3.5  | 3   | 11  | 69  | 4.22  | .071 | 3   | 40  | 1.46 | 92   | <.01 | <3 | .33  | .03 | .23 | 3   | 29  |
| E78854           | 6   | 22   | 4   | 287 | .3  | 42  | 15  | 417  | 3.84  | 4   | <8  | <2  | 3   | 169  | 1.5  | <3  | 3   | 24  | 6.46  | .127 | 4   | 14  | .25  | 1239 | <.01 | 4  | .45  | .02 | .22 | <2  | 4   |
| E78855           | 16  | 76   | 10  | 895 | 1.3 | 41  | 7   | 228  | 2.92  | 28  | <8  | <2  | <2  | 26   | 15.7 | 9   | <3  | 32  | .13   | .067 | 6   | 11  | .02  | 237  | <.01 | 4  | .33  | .03 | .14 | <2  | 3   |
| E78856           | 108 | 36   | 64  | 110 | .8  | 53  | 24  | 1856 | 6.93  | .9  | <8  | <2  | 2   | 97   | 2.7  | 3   | <3  | 101 | 3.52  | .112 | 2   | 71  | 2.45 | 62   | .01  | <3 | .58  | .05 | .68 | <2  | 7   |
| E78857           | 5   | 1222 | 11  | 38  | 9.1 | <1  | 98  | 538  | 11.84 | 451 | <8  | <2  | 2   | 5    | 2.2  | 4   | 16  | 55  | .08   | .047 | 2   | 7   | .77  | 53   | .08  | <3 | 1.73 | .03 | .09 | <2  | 386 |
| E78858           | 1   | 5    | <3  | 3   | <.3 | 4   | 1   | 66   | 1.25  | <2  | <8  | <2  | <2  | 2    | <.2  | <3  | <3  | 4   | .02   | .002 | 5   | 20  | .01  | 7    | <.01 | <3 | .08  | .01 | .05 | 5   | 1   |
| E78859           | 103 | 36   | 4   | 17  | .3  | 3   | 10  | 50   | 6.40  | 3   | <8  | <2  | <2  | 7    | <.2  | <3  | <3  | 31  | .01   | .013 | 6   | 21  | .01  | 10   | .01  | <3 | .07  | .01 | .03 | 4   | <1  |
| RE E78859        | 101 | 35   | <3  | 16  | <.3 | 3   | 10  | 50   | 6.30  | <2  | <8  | <2  | <2  | 7    | .3   | <3  | <3  | 30  | .01   | .012 | 5   | 20  | .01  | 13   | .01  | <3 | .07  | .01 | .03 | 5   | <1  |
| E78860           | 2   | 176  | <3  | 71  | .3  | 19  | 30  | 1158 | 6.55  | 8   | <8  | <2  | 2   | 78   | 1.6  | <3  | <3  | 203 | 2.95  | .160 | 7   | 36  | 1.69 | 51   | .25  | <3 | 2.86 | .06 | .07 | <2  | 2   |
| STANDARD C3/AU-R | 26  | 62   | 39  | 166 | 5.9 | 37  | 12  | 794  | 3.41  | 56  | 13  | 3   | 19  | 29   | 23.6 | 15  | 21  | 80  | .58   | .088 | 18  | 170 | .61  | 156  | .10  | 22 | 1.90 | .04 | .16 | 20  | 546 |
| STANDARD G-2     | 1   | 3    | <3  | 44  | <.3 | 9   | 4   | 548  | 2.08  | 2   | <8  | <2  | 4   | 72   | <.2  | 3   | <3  | 42  | .66   | .094 | 8   | 76  | .61  | 227  | .15  | <3 | .95  | .07 | .48 | <2  | <1  |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS &gt; 1%, AG &gt; 30 PPM &amp; AU &gt; 1000 PPB

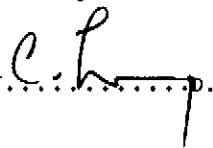
- SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 14 1999

DATE REPORT MAILED:

June 21/99

SIGNED BY:  TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

## GEOCHEMICAL ANALYSIS CERTIFICATE

**Bourdon, R.J. PROJECT DEMERS** File # 9902058  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Tl<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| E 78862      | 4.78      | 73.19     | 11.26     | 206.8     | 232       | 39.5      | 22.8      | 880       | 4.69    | 18.0      | .6       | 2.4       | 5.1       | 39.9      | 1.30      | 3.57      | .16       | 105      | .41     | .136   | 6.0       | 44.6      | 1.00    | 193.6     | .067    | 3        | 2.04    | .039    | .19    | 1.5      | .20       | 39        | 1.4       | .04       | 5.9       | <.01   |
| E 78863      | 4.53      | 104.82    | 8.34      | 158.8     | 127       | 45.0      | 23.3      | 784       | 4.88    | 11.5      | .5       | 2.3       | 2.0       | 40.5      | .95       | 2.74      | .11       | 120      | .58     | .100   | 6.2       | 56.0      | 1.38    | 156.8     | .109    | 4        | 1.94    | .041    | .15    | 1.7      | .20       | 23        | 1.1       | .05       | 5.6       | <.01   |
| E 78864      | 2.61      | 80.06     | 10.23     | 140.9     | 135       | 45.6      | 26.3      | 812       | 4.73    | 8.3       | .5       | <.2       | 1.3       | 41.2      | .61       | 1.59      | .19       | 133      | .57     | .113   | 5.5       | 86.1      | 1.52    | 111.8     | .162    | 2        | 2.33    | .029    | .16    | 1.4      | .18       | 16        | .9        | .07       | 7.0       | .01    |
| E 78865      | 8.53      | 72.20     | 13.43     | 404.1     | 471       | 71.1      | 23.6      | 957       | 4.66    | 22.2      | .9       | .3        | 1.5       | 37.7      | 3.21      | 3.80      | .20       | 115      | .29     | .130   | 8.0       | 80.7      | 1.27    | 266.4     | .073    | 3        | 2.35    | .027    | .22    | 1.8      | .68       | 30        | 2.2       | .06       | 6.2       | <.01   |
| E 78866      | 1.37      | 135.75    | 10.90     | 81.1      | 71        | 93.8      | 29.9      | 796       | 4.55    | 32.6      | .4       | <.2       | .9        | 60.1      | .36       | 1.51      | .28       | 134      | 1.02    | .096   | 4.4       | 170.3     | 2.16    | 75.2      | .191    | 3        | 2.61    | .047    | .15    | 1.4      | .18       | 18        | .4        | .16       | 6.8       | <.01   |
| E 78867      | 2.99      | 135.80    | 10.06     | 154.5     | 138       | 82.1      | 31.1      | 867       | 5.06    | 29.4      | .5       | <.2       | .6        | 60.0      | 1.06      | 2.17      | .16       | 137      | .87     | .104   | 6.3       | 131.6     | 2.06    | 108.3     | .187    | 4        | 2.69    | .038    | .19    | 1.2      | .18       | 37        | .7        | .07       | 7.1       | <.01   |
| RE E 78867   | 2.99      | 136.37    | 10.23     | 153.3     | 133       | 81.6      | 30.6      | 865       | 5.06    | 29.2      | .5       | .4        | .5        | 59.7      | 1.11      | 2.22      | .15       | 137      | .87     | .105   | 6.3       | 137.4     | 2.09    | 109.6     | .194    | 4        | 2.75    | .036    | .18    | 1.2      | .18       | 38        | .8        | .05       | 7.0       | <.01   |
| E 78868      | 12.47     | 193.81    | 14.60     | 401.7     | 278       | 72.9      | 28.5      | 937       | 5.06    | 38.2      | 1.3      | <.2       | 1.4       | 64.3      | 3.37      | 4.19      | .24       | 107      | .62     | .117   | 12.6      | 54.4      | 1.42    | 227.8     | .159    | 3        | 2.11    | .028    | .30    | .9       | .47       | 36        | 3.6       | .11       | 4.9       | .02    |
| E 78869      | 1.54      | 148.22    | 10.86     | 103.8     | 103       | 19.6      | 26.8      | 1364      | 5.69    | 12.2      | .5       | 6.8       | 1.2       | 40.8      | .33       | 1.14      | .07       | 251      | .56     | .133   | 12.1      | 37.5      | 2.37    | 106.9     | .207    | 2        | 3.09    | .044    | 1.02   | .3       | .58       | 12        | 1.1       | .03       | 11.1      | <.01   |
| E 78870      | 2.43      | 138.94    | 7.32      | 86.2      | 140       | 40.0      | 27.5      | 921       | 5.13    | 4.2       | .5       | 6.0       | .9        | 108.4     | .40       | 2.51      | .37       | 192      | 2.25    | .112   | 6.0       | 92.4      | 2.12    | 128.6     | .167    | 2        | 2.58    | .042    | .17    | 1.2      | .13       | 28        | .2        | .04       | 8.7       | .04    |
| E 78871      | .96       | 138.38    | 5.87      | 67.8      | 83        | 44.6      | 28.2      | 881       | 5.46    | 5.6       | .4       | 6.4       | .6        | 40.1      | .16       | 1.78      | .14       | 220      | .88     | .110   | 6.1       | 110.3     | 2.26    | 43.0      | .217    | 2        | 2.68    | .039    | .10    | .9       | .08       | 8         | .1        | .03       | 9.7       | <.01   |
| STANDARD DS2 | 13.82     | 128.61    | 34.02     | 173.1     | 260       | 37.1      | 12.3      | 799       | 3.04    | 61.3      | 20.2     | 201.5     | 3.7       | 35.1      | 11.24     | 9.37      | 13.11     | 87       | .53     | .094   | 14.9      | 162.1     | .60     | 171.7     | .117    | 2        | 1.68    | .032    | .16    | 7.1      | 2.02      | 231       | 2.3       | 1.82      | 6.0       | .02    |

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & MS.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.

- SAMPLE TYPE: TILL      Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 6 1999      DATE REPORT MAILED: *July 14/99*      SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

## GEOCHEMICAL ANALYSIS CERTIFICATE

**Bourdon, R.J. PROJECT DEMERS** File # 9902060  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Tl<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| 1            | 10.40     | 79.27     | 18.24     | 500.4     | 239       | 88.5      | 22.9      | 434       | 4.86    | 13.4      | .7       | 6.6       | 3.2       | 27.4      | 2.10      | 7.84      | .29       | 75       | .27     | .064   | 8.5       | 45.2      | .60     | 660.4     | .043    | 2        | 2.05    | .009    | .06    | .3       | .27       | 111       | 2.8       | .08       | 4.8       | .01    |
| 2            | 2.15      | 187.09    | 29.56     | 132.9     | 248       | 84.7      | 35.4      | 772       | 5.91    | 6.8       | .6       | 7.6       | 1.7       | 42.8      | .58       | 1.85      | .49       | 142      | .57     | .093   | 7.1       | 111.8     | 1.28    | 83.2      | .134    | 1        | 2.59    | .012    | .14    | .3       | .17       | 33        | .5        | .16       | 8.6       | .01    |
| 3            | 1.81      | 50.16     | 9.47      | 159.5     | 192       | 45.2      | 21.6      | 619       | 3.40    | 5.8       | .4       | 5.0       | 1.2       | 28.9      | .54       | 1.08      | .21       | 89       | .30     | .162   | 4.5       | 57.7      | .74     | 61.0      | .120    | 1        | 2.14    | .011    | .06    | .3       | .13       | 34        | 4         | .05       | 6.9       | .01    |
| 4            | 2.41      | 99.96     | 13.50     | 149.3     | 128       | 43.6      | 29.0      | 591       | 4.65    | 13.6      | .5       | 7.5       | 1.6       | 37.0      | .66       | 2.05      | .39       | 116      | .51     | .173   | 5.4       | 60.2      | 1.09    | 85.9      | .104    | 1        | 2.30    | .011    | .06    | .3       | .18       | 30        | .7        | .09       | 7.2       | .01    |
| 5            | 1.67      | 102.86    | 7.47      | 167.6     | 276       | 117.2     | 46.9      | 589       | 5.61    | 3.5       | .4       | 1.1       | .2        | 49.3      | .53       | 1.00      | .14       | 144      | .53     | .117   | 2.7       | 196.7     | 2.01    | 56.9      | .142    | 1        | 3.56    | .028    | .08    | .3       | .22       | 36        | .6        | .05       | 8.8       | .01    |
| 6            | 2.33      | 140.79    | 9.78      | 143.4     | 142       | 56.2      | 30.0      | 647       | 5.08    | 13.0      | .6       | 4.4       | .5        | 36.7      | .51       | 1.43      | .25       | 131      | .44     | .114   | 5.5       | 66.1      | 1.27    | 58.4      | .153    | 1        | 2.44    | .009    | .09    | .2       | .18       | 30        | .5        | .06       | 7.1       | .01    |
| 7            | 2.02      | 54.31     | 8.50      | 130.5     | 283       | 30.4      | 18.1      | 941       | 2.97    | 9.9       | .3       | 4.5       | .2        | 27.5      | .68       | .83       | .24       | 85       | .25     | .076   | 4.1       | 43.1      | .61     | 96.9      | .129    | 1        | 1.53    | .012    | .05    | .5       | .14       | 20        | .5        | .05       | 6.5       | .02    |
| 8            | 3.69      | 91.22     | 14.93     | 130.9     | 290       | 33.6      | 14.2      | 341       | 3.26    | 2.1       | .7       | 3.9       | <1        | 55.9      | 1.16      | 1.36      | .26       | 85       | 1.01    | .034   | 5.8       | 51.2      | .59     | 56.6      | .098    | 1        | 1.82    | .017    | .05    | .3       | .15       | 49        | 2.0       | .04       | 6.0       | .05    |
| 8A           | 1.96      | 35.85     | 9.13      | 208.2     | 389       | 29.2      | 16.5      | 567       | 2.57    | 8.5       | .3       | 7.3       | <1        | 22.4      | .84       | 1.63      | .16       | 63       | .20     | .039   | 3.8       | 28.6      | .40     | 214.0     | .084    | <1       | 1.54    | .014    | .04    | .2       | .15       | 31        | .7        | .02       | 5.7       | .01    |
| 9            | 8.09      | 221.56    | 10.46     | 119.6     | 94        | 45.7      | 34.8      | 666       | 5.95    | 8.6       | .4       | 18.8      | .2        | 41.3      | .50       | 2.29      | .37       | 138      | .43     | .156   | 4.1       | 64.6      | 1.42    | 61.2      | .123    | 1        | 2.17    | .009    | .07    | .3       | .15       | 36        | 1.1       | .09       | 6.9       | .02    |
| 9A           | 7.91      | 232.97    | 9.54      | 112.8     | 90        | 47.5      | 33.8      | 605       | 5.69    | 8.2       | .4       | 5.4       | .1        | 41.0      | .46       | 2.20      | .34       | 136      | .40     | .124   | 4.0       | 67.2      | 1.41    | 55.2      | .129    | 1        | 2.09    | .008    | .07    | .2       | .14       | 36        | 1.0       | .08       | 6.6       | .03    |
| 10           | 2.41      | 34.29     | 9.94      | 246.6     | 465       | 31.4      | 10.6      | 234       | 3.21    | 13.8      | .6       | 1.2       | 1.3       | 19.5      | 1.00      | 1.90      | .30       | 73       | .20     | .227   | 4.5       | 33.3      | .42     | 187.0     | .078    | 2        | 2.40    | .014    | .07    | .7       | .26       | 44        | .7        | .19       | 8.1       | .01    |
| 11           | 4.11      | 92.80     | 8.95      | 190.6     | 228       | 45.8      | 17.7      | 346       | 3.97    | 13.3      | .4       | 2.7       | .1        | 33.6      | .67       | 2.58      | .17       | 108      | .34     | .071   | 4.4       | 40.9      | .80     | 219.4     | .050    | 1        | 2.08    | .013    | .10    | .3       | .30       | 36        | 1.3       | .06       | 6.4       | .01    |
| 12           | 2.54      | 106.23    | 8.90      | 210.1     | 146       | 60.4      | 26.7      | 401       | 4.13    | 14.5      | .6       | 1.9       | 1.3       | 21.7      | .75       | 2.04      | .16       | 103      | .21     | .160   | 4.2       | 70.9      | 1.12    | 133.0     | .115    | 1        | 2.96    | .011    | .07    | .3       | .20       | 39        | 1.0       | .05       | 6.8       | .01    |
| RE 12        | 2.41      | 101.37    | 8.75      | 202.8     | 144       | 58.0      | 25.5      | 389       | 3.99    | 13.8      | .5       | 3.6       | 1.2       | 21.9      | .73       | 1.96      | .15       | 100      | .22     | .153   | 4.2       | 67.1      | 1.07    | 124.7     | .113    | 1        | 2.80    | .011    | .07    | .3       | .19       | 32        | 1.0       | .05       | 6.5       | .01    |
| 21           | 3.10      | 57.44     | 11.47     | 443.2     | 454       | 54.6      | 23.5      | 349       | 3.80    | 12.8      | .8       | .4        | 1.6       | 23.6      | 1.83      | 1.89      | .20       | 87       | .15     | .147   | 4.8       | 41.8      | .87     | 198.6     | .111    | 1        | 3.47    | .015    | .09    | .3       | .24       | 46        | 1.0       | .05       | 7.7       | .01    |
| 22           | 2.25      | 47.28     | 11.19     | 375.7     | 563       | 26.7      | 23.0      | 2367      | 3.66    | 9.3       | .5       | 1.0       | .3        | 39.7      | 3.13      | .84       | .21       | 90       | .33     | .228   | 6.0       | 29.6      | .62     | 519.8     | .081    | 1        | 2.02    | .013    | .08    | .2       | .22       | 46        | .6        | .04       | 7.7       | .01    |
| 23           | 7.93      | 116.97    | 11.65     | 518.1     | 597       | 82.8      | 17.4      | 380       | 4.40    | 30.5      | .8       | 3.2       | .6        | 17.8      | 2.45      | 4.02      | .25       | 102      | .15     | .135   | 5.5       | 62.9      | .90     | 186.7     | .062    | 2        | 2.61    | .010    | .10    | .3       | .81       | 54        | 2.9       | .07       | 6.7       | .01    |
| 24           | 1.82      | 93.49     | 7.88      | 120.6     | 153       | 36.0      | 20.7      | 400       | 3.74    | 10.8      | .3       | 7.8       | .1        | 28.6      | .48       | 1.44      | .11       | 110      | .33     | .058   | 3.0       | 48.2      | .89     | 68.7      | .136    | 2        | 1.91    | .011    | .05    | .3       | .13       | 25        | .6        | .03       | 5.7       | .01    |
| 25           | .81       | 71.87     | 7.41      | 107.4     | 179       | 40.8      | 23.1      | 449       | 3.67    | 4.9       | .4       | 2.8       | <1        | 38.4      | .40       | .76       | .10       | 103      | .53     | .107   | 2.7       | 63.4      | 1.21    | 63.3      | .157    | 2        | 2.63    | .010    | .06    | .4       | .08       | 33        | .4        | <.02      | 6.7       | .01    |
| 102          | .70       | 28.63     | 7.51      | 87.6      | 104       | 17.7      | 14.1      | 661       | 2.67    | 1.9       | .2       | 4.2       | <1        | 31.5      | .31       | .42       | .14       | 85       | .46     | .072   | 2.8       | 30.2      | .57     | 48.1      | .131    | 2        | 1.88    | .011    | .04    | .3       | .05       | 25        | .1        | <.02      | 6.4       | .01    |
| 103          | .60       | 44.05     | 8.87      | 95.8      | 175       | 85.0      | 22.5      | 705       | 3.16    | 10.7      | .3       | 3.1       | <1        | 38.7      | .49       | .52       | .16       | 85       | .58     | .142   | 2.7       | 138.6     | 1.42    | 122.3     | .128    | 3        | 2.18    | .015    | .15    | .3       | .06       | 41        | .3        | .02       | 7.0       | .02    |
| STANDARD DS2 | 13.58     | 129.65    | 31.91     | 163.4     | 267       | 37.9      | 13.0      | 822       | 3.16    | 62.8      | 21.1     | 197.3     | 2.9       | 37.4      | 11.42     | 9.67      | 11.13     | 83       | .56     | .081   | 15.3      | 168.8     | .63     | 143.3     | .114    | 2        | 1.80    | .038    | .16    | 7.7      | 2.08      | 259       | 2.4       | 1.77      | 6.1       | .02    |

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & MS.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.  
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 6 1999 DATE REPORT MAILED: *July 14/99* SIGNED BY: *C.L.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

AA

## GEOCHEMICAL ANALYSIS CERTIFICATE

AA

Bourdon, R.J. PROJECT FOX File # 9902898  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

| SAMPLE#    | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Li<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |  |  |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|--|--|
| B 51938    | 4.11      | 3.24      | 24.23     | 30.8      | 53        | 4.6       | 9         | 432       | 53      | 18.2      | 3.2      | 27.2      | 4.1       | .16       | .23       | .53       | 2         | .03      | .005    | 10.0   | 15.7      | .01       | 48.9    | .001      | 1       | .25      | .090    | .14     | 6.1    | .06      | 8         | .3        | <.02      | 1.1       | .02       |        |  |  |
| B 51939    | 9.82      | 91.93     | 15.12     | 74.9      | 192       | 15.1      | 10.4      | 253       | 1.83    | 12.0      | 1.3      | <1        | 3.3       | 60.1      | 1.60      | 1.72      | .28       | 70       | 1.06    | .143   | 5.9       | 13.5      | .39     | 109.9     | .221    | 2        | 1.09    | .033    | .36    | 1.4      | .18       | 24        | 5.0       | .09       | 3.7       | .79    |  |  |
| B 51941    | 3.62      | 129.17    | 11.27     | 120.9     | 133       | 18.8      | 19.9      | 1009      | 4.33    | 17.5      | .5       | <1        | 1.7       | 132.0     | .85       | 1.21      | .14       | 70       | 1.33    | .187   | 6.7       | 18.4      | 1.36    | 96.8      | .244    | 4        | 1.93    | .027    | .46    | 6        | .26       | 18        | 3.9       | .09       | 5.1       | .66    |  |  |
| B 51944    | 10.76     | 119.69    | 10.74     | 146.0     | 381       | 19.6      | 8.5       | 328       | 3.03    | 33.0      | .9       | <1        | 2.0       | 80.1      | 2.21      | 2.54      | .21       | 85       | .89     | .142   | 4.1       | 30.1      | .35     | 185.8     | .269    | 4        | .96     | .026    | .33    | 1.4      | .32       | 49        | 9.8       | 17        | 2.9       | .65    |  |  |
| B 51945    | 7.69      | 165.86    | 14.63     | 205.2     | 455       | 16.2      | 13.2      | 295       | 2.97    | 8.5       | .8       | <1        | 2.3       | 116.6     | 1.85      | 2.24      | .29       | 63       | 1.29    | .172   | 7.0       | 10.2      | .18     | 177.4     | .297    | 11       | .97     | .019    | .43    | 1.0      | .41       | 27        | 9.0       | 14        | 2.8       | 1.32   |  |  |
| B 51947    | 561.95    | 58.18     | 138.21    | 10.8      | 1164      | 5.4       | 1.8       | 73        | 1.34    | 8.5       | 4        | 59        | 2         | 49.5      | .16       | .93       | 16.36     | 7        | .17     | .030   | 1.1       | 30.3      | .02     | 274.0     | .002    | <1       | .08     | .007    | .10    | 22.4     | .07       | 55        | 2.0       | .61       | .5        | .36    |  |  |
| B 51948    | 11.77     | 146.55    | 10.19     | 144.5     | 378       | 32.2      | 30.5      | 807       | 5.02    | 6.5       | .7       | <1        | 1.1       | 232.6     | 1.55      | 3.32      | .50       | 164      | 3.15    | .137   | 4.3       | 38.6      | 1.25    | 29.2      | .227    | 5        | 1.38    | .039    | .14    | 1.7      | .09       | 34        | 7.1       | 10        | 6.5       | 1.92   |  |  |
| E 73304    | 9.76      | 81.59     | 11.84     | 213.7     | 507       | 48.9      | 16.8      | 763       | 4.84    | 57.7      | .5       | 3         | 1.2       | 511.4     | 2.28      | 8.00      | .35       | 40       | 5.43    | .125   | 3.1       | 22.4      | .71     | 94.0      | .004    | 3        | .93     | .013    | .26    | 1.4      | .33       | 45        | 9.5       | .19       | 2.2       | 2.43   |  |  |
| E 73305    | 10.73     | 137.09    | 2.82      | 192.9     | 309       | 55.5      | 20.9      | 414       | 4.26    | 14.5      | 1.0      | <1        | 1.1       | 198.9     | 1.74      | 1.18      | 1.68      | 322      | 1.30    | .119   | 4.7       | 128.1     | 1.75    | 90.3      | .289    | <1       | 2.91    | .351    | 1.32   | 3.1      | 1.34      | <5        | 9.5       | .07       | 10.5      | 1.83   |  |  |
| RE E 73305 | 10.82     | 140.28    | 3.24      | 193.7     | 317       | 56.2      | 20.7      | 421       | 4.34    | 14.5      | 1.0      | <1        | 1.1       | 204.6     | 1.79      | 1.14      | 1.72      | 328      | 1.32    | .119   | 4.8       | 129.4     | 1.78    | 92.5      | .292    | 1        | 2.96    | .355    | 1.33   | 3.2      | 1.36      | <5        | 9.8       | .07       | 10.7      | 1.85   |  |  |
| E 73306    | 3.28      | 225.37    | 14.66     | 120.1     | 557       | 32.3      | 25.4      | 233       | 4.96    | 2.4       | .6       | <1        | 1.6       | 73.6      | .90       | 2.31      | .23       | 44       | .92     | .215   | 6.1       | 9.5       | .47     | 82.7      | .209    | 6        | 1.11    | .018    | .50    | 1.0      | .54       | 20        | 15.1      | .13       | 2.5       | 2.34   |  |  |
| E 73307    | .78       | 107.22    | 4.61      | 57.7      | 77        | 58.1      | 31.7      | 950       | 4.28    | 26.3      | .3       | <1        | .6        | 467.0     | <.01      | .49       | .06       | 102      | 5.07    | .135   | 3.2       | 74.2      | 2.01    | 172.3     | .170    | 5        | 2.34    | .028    | .30    | 6        | .32       | <5        | .4        | .07       | 6.6       | .07    |  |  |
| STANDARD D | 13.72     | 125.90    | 28.96     | 163.4     | 221       | 35.9      | 12.3      | 803       | 3.11    | 65.8      | 19.5     | 195       | 3.2       | 29.9      | 11.08     | 9.75      | 10.66     | 79       | .53     | .081   | 14.0      | 160.0     | .57     | 134.6     | .117    | 2        | 1.68    | .038    | .17    | 6.6      | 1.95      | 236       | 2.5       | 1.85      | 6.0       | .02    |  |  |

Standard is STANDARD DS2.

1 GRAM SAMPLE IS DIGESTED WITH 6 ML 2-2-2 HCL-HNO<sub>3</sub>-H<sub>2</sub>O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 20 ML WITH WATER, ANALYSIS BY ICP/ES & MS.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.

- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 16 1999

DATE REPORT MAILED:

Aug 27/99

SIGNED BY:

C. Leong

TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT FOX File # 9902899

907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Tl<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |      |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|------|
| 51940        | 95        | 143.36    | 8.43      | 92.4      | 58        | 75.1      | 38.1      | 828       | 4.47    | 56.7      | .3       | 11.5      | 1.0       | 47.8      | 42        | 2.03      | .16       | 142      | .61     | .099   | 3.5       | 135.9     | 2.04    | 81.5      | .193    | 3        | 2.49    | .013    | .10    | .8       | .10       | 15        | .6        | .02       | 6.7       | <.01   |      |
| 51940A       | 5.27      | 64.62     | 8.79      | 574.8     | 648       | 90.6      | 30.8      | 633       | 4.33    | 27.2      | .7       | 2.8       | .6        | 30.7      | 3.73      | 2.42      | .22       | 129      | .25     | .105   | 4.4       | 100.0     | 1.18    | 199.3     | .086    | 2        | 2.90    | .012    | .07    | .2       | .33       | 40        | 1.8       | .07       | 8.4       | .02    |      |
| 51940B       | 5.47      | 152.21    | 12.11     | 588       | 7         | 226       | 46.5      | 45.5      | 724     | 4.39      | 13.9     | .5        | 2.0       | 1.4       | 33.4      | 1.41      | 1.72      | .22      | 99      | .31    | .111      | 3.6       | 24.5    | .65       | 105.0   | .102     | 2       | 2.79    | .014   | .08      | .3        | 23        | 50        | 1.6       | .07       | 8.1    | .02  |
| 51940C       | 1.35      | 53.64     | 6.63      | 548       | 2         | 643       | 34.2      | 23.5      | 601     | 4.46      | 14.8     | .4        | 1.1       | 1.6       | 33.3      | 3.53      | .78       | .24      | 153     | .45    | 136       | 3.7       | 46.7    | 1.57      | 151.6   | .172     | 1       | 2.88    | .016   | .19      | .4        | .17       | 32        | .8        | .02       | 9.6    | <.01 |
| 51940D       | 2.24      | 38.60     | 9.54      | 178.5     | 416       | 23.5      | 16.1      | 456       | 3.34    | 67.7      | .4       | 5.8       | 1.4       | 32.0      | 1.24      | 4.58      | .27       | 76       | .33     | .173   | 4.6       | 32.3      | .48     | 103.0     | .083    | 1        | 1.56    | .014    | .06    | .5       | .09       | 41        | .7        | .08       | 7.5       | .01    |      |
| 51942        | 15.85     | 238.69    | 15.12     | 564       | 8         | 368       | 138.4     | 40.5      | 983     | 6.77      | 48.0     | .9        | 7.4       | 2.3       | 70.3      | 3.90      | 7.27      | .30      | 111     | .71    | .128      | 12.7      | 82.5    | 1.30      | 175.1   | .084     | 2       | 2.02    | .016   | .13      | .3        | .42       | 86        | 3.3       | .14       | 5.4    | .01  |
| 51943        | 12.36     | 455.96    | 18.84     | 528.8     | 181       | 102.5     | 46.9      | 1226      | 7.70    | 39.9      | 1.2      | 9.8       | 2.8       | 57.2      | 2.89      | 5.77      | .39       | 109      | .55     | .135   | 22.9      | 60.0      | 1.36    | 113.1     | .154    | 1        | 2.42    | .015    | .19    | .5       | .29       | 60        | 4.0       | .15       | 5.8       | .03    |      |
| 51946A       | 1.99      | 56.98     | 17.35     | 191.0     | 311       | 58.6      | 26.8      | 638       | 3.82    | 11.0      | .5       | 4.4       | 1.8       | 28.5      | .50       | .97       | .32       | 100      | .34     | .080   | 5.3       | 76.7      | .83     | 125.7     | .147    | 1        | 3.06    | .016    | .06    | <.2      | .17       | 38        | .5        | .11       | 10.0      | <.01   |      |
| 51946B       | .76       | 57.15     | 7.91      | 136.8     | 274       | 59.9      | 19.3      | 448       | 2.51    | 13.0      | .4       | 29.2      | 1.5       | 21.6      | .35       | .66       | .17       | 65       | .24     | .066   | 4.4       | 59.3      | .53     | 113.7     | .128    | 1        | 1.95    | .020    | .10    | <.2      | .09       | 32        | .4        | .07       | 6.6       | <.01   |      |
| 51946C       | 7.34      | 160.43    | 23.48     | 149.6     | 147       | 62.5      | 21.9      | 373       | 4.63    | 12.6      | .5       | 11.7      | 1.8       | 33.7      | .48       | 3.03      | .87       | 114      | .40     | .060   | 8.4       | 117.4     | 1.19    | 75.4      | .101    | 1        | 1.66    | .010    | .14    | <.2      | .20       | 31        | 1.7       | .17       | 5.9       | .03    |      |
| 51946D       | 4.22      | 42.83     | 12.62     | 182.0     | 138       | 43.8      | 17.3      | 596       | 3.70    | 9.3       | .2       | 2.6       | 1.2       | 32.6      | .96       | 3.05      | .37       | 61       | .32     | .087   | 4.8       | 47.9      | .49     | 337.6     | .049    | 2        | 1.51    | .014    | .13    | <.2      | .10       | 18        | .7        | .08       | 4.6       | .01    |      |
| 51946E       | 4.31      | 103.85    | 9.54      | 222.9     | 211       | 40.1      | 22.5      | 682       | 4.07    | 26.1      | .3       | 2.5       | 1.0       | 45.0      | .90       | 3.04      | .14       | 90       | .47     | .186   | 3.7       | 47.3      | .64     | 233.0     | .067    | 2        | 1.39    | .008    | .09    | .2       | .18       | 35        | 1.8       | .04       | 4.8       | .03    |      |
| 51946F       | 1.24      | 97.57     | 10.17     | 91.4      | 180       | 36.7      | 22.3      | 498       | 3.60    | 11.9      | .5       | 5.2       | 3.4       | 34.1      | .61       | 2.13      | .15       | 85       | .50     | .066   | 10.0      | 45.9      | 1.04    | 151.4     | .126    | 1        | 1.61    | .013    | .21    | .2       | .12       | 69        | .6        | .04       | 5.0       | .01    |      |
| 51949        | 2.25      | 60.55     | 7.96      | 267.6     | 182       | 55.9      | 21.1      | 365       | 3.34    | 14.3      | .4       | 1.4       | 1.8       | 34.5      | .88       | 2.13      | .33       | 66       | .26     | .100   | 5.2       | 45.5      | .63     | 347.6     | .103    | 2        | 2.40    | .022    | .10    | <.2      | .20       | 20        | 1.0       | .03       | 6.6       | <.01   |      |
| 51949A       | 2.67      | 221.53    | 8.07      | 144.0     | 122       | 73.9      | 32.9      | 530       | 4.77    | 25.6      | .3       | 33.1      | 1.7       | 48.3      | .79       | 5.46      | .12       | 113      | .55     | .079   | 7.2       | 124.5     | 1.53    | 93.6      | .130    | 2        | 2.08    | .010    | .11    | <.2      | .13       | 53        | 1.0       | .05       | 5.8       | .03    |      |
| 51949B       | 1.46      | 17.31     | 6.65      | 189.2     | 91        | 25.1      | 13.3      | 407       | 2.37    | 5.8       | .2       | 2.2       | 1.2       | 21.7      | .44       | .87       | .16       | 54       | .22     | .135   | 3.3       | 33.2      | .42     | 182.2     | .084    | 1        | 1.69    | .012    | .07    | <.2      | .11       | 25        | .4        | .02       | 5.9       | <.01   |      |
| 51949C       | 1.98      | 37.00     | 7.47      | 166.1     | 81        | 41.1      | 19.2      | 307       | 3.21    | 9.2       | .2       | 18.0      | 1.4       | 30.0      | .21       | 1.15      | .16       | 73       | .31     | .114   | 4.0       | 50.4      | .65     | 208.1     | .104    | 1        | 2.30    | .013    | .10    | <.2      | .12       | 14        | .4        | .03       | 7.0       | <.01   |      |
| 51949D       | 3.41      | 52.25     | 8.38      | 113.6     | 65        | 44.1      | 18.0      | 378       | 3.34    | 7.1       | .2       | 2.5       | 1.5       | 25.9      | .29       | 2.04      | .21       | 78       | .32     | .042   | 5.6       | 64.6      | .73     | 131.5     | .099    | 1        | 1.58    | .013    | .14    | <.2      | .12       | 10        | .7        | .04       | 5.0       | .01    |      |
| 51949E       | 2.35      | 72.99     | 8.44      | 93.3      | 83        | 63.5      | 24.8      | 379       | 3.92    | 12.1      | .3       | 3.8       | 1.6       | 34.6      | .18       | 1.54      | .19       | 109      | .41     | .030   | 5.5       | 121.2     | 1.20    | 71.2      | .150    | 1        | 2.12    | .012    | .09    | <.2      | .12       | 13        | .7        | .08       | 6.9       | .01    |      |
| 51949F       | 2.47      | 120.57    | 9.80      | 128.3     | 158       | 75.0      | 31.5      | 737       | 4.64    | 15.1      | .4       | 11.2      | 1.6       | 45.7      | .33       | 2.00      | .19       | 134      | .55     | .047   | 6.1       | 144.6     | 1.61    | 121.1     | .168    | 2        | 2.45    | .013    | .16    | <.2      | .15       | 18        | .8        | .06       | 8.1       | <.01   |      |
| RE 51949F    | 2.50      | 121.70    | 9.99      | 131.6     | 160       | 76.3      | 32.0      | 748       | 4.69    | 15.6      | .4       | 6.8       | 1.6       | 46.3      | .34       | 1.94      | .19       | 134      | .56     | .048   | 6.1       | 144.5     | 1.63    | 123.2     | .169    | 1        | 2.50    | .013    | .16    | <.2      | .15       | 18        | .8        | .09       | 8.3       | <.01   |      |
| 51950        | 5.85      | 49.06     | 7.74      | 524.4     | 541       | 62.2      | 19.8      | 468       | 3.76    | 17.0      | .4       | 3.1       | 1.6       | 24.3      | 4.14      | 2.07      | .15       | 80       | .20     | .212   | 4.3       | 44.7      | .55     | 269.1     | .063    | 2        | 2.88    | .013    | .07    | <.2      | .55       | 49        | 1.8       | .03       | 7.1       | <.01   |      |
| 78882A       | 12.99     | 180.02    | 13.33     | 259.6     | 185       | 115.9     | 31.1      | 828       | 5.54    | 90.9      | .7       | 4.8       | 2.0       | 65.4      | 1.83      | 6.03      | .48       | 102      | .49     | .105   | 10.4      | 110.6     | 1.32    | 92.3      | .126    | 1        | 1.84    | .019    | .19    | .3       | .34       | 25        | 3.3       | .12       | 5.0       | .01    |      |
| 78882B       | 5.39      | 145.56    | 11.26     | 249.1     | 75        | 98.2      | 34.0      | 1054      | 5.04    | 40.6      | .6       | 4.5       | 1.8       | 76.6      | 1.68      | 3.03      | .58       | 145      | .74     | .122   | 6.8       | 126.4     | 1.87    | 113.0     | .151    | 1        | 2.20    | .037    | .27    | .5       | .54       | 29        | 1.4       | .07       | 6.7       | <.01   |      |
| 78882C       | 6.43      | 172.12    | 13.41     | 465.2     | 181       | 128.9     | 42.3      | 1139      | 6.36    | 46.0      | .7       | 7.7       | 1.8       | 122.1     | 3.27      | 3.40      | .58       | 214      | .76     | .104   | 7.6       | 181.8     | 2.60    | 147.9     | .257    | 1        | 3.19    | .044    | .29    | .4       | .76       | 43        | 2.2       | .09       | 9.7       | .01    |      |
| 78882D       | 1.15      | 238.77    | 14.79     | 143.0     | 185       | 42.0      | 58.9      | 1516      | 6.00    | 122.8     | .3       | 13.1      | 1.1       | 110.7     | .67       | 3.46      | .49       | 200      | .97     | .134   | 4.2       | 68.3      | 2.14    | 128.6     | .207    | 4        | 2.65    | .025    | .39    | .6       | .17       | 28        | .5        | .11       | 9.1       | <.01   |      |
| 78882E       | .38       | 86.93     | 4.10      | 67.4      | 20        | 338.9     | 58.6      | 780       | 5.85    | 26.1      | .3       | 1.4       | .9        | 89.0      | .04       | .40       | .11       | 149      | .94     | .113   | 2.2       | 524.0     | 6.43    | 129.8     | .187    | 1        | 3.97    | .011    | .61    | <.2      | .20       | .8        | .2        | .03       | 10.0      | <.01   |      |
| 78883A       | 11.23     | 183.45    | 8.91      | 823.1     | 412       | 149.1     | 29.0      | 621       | 5.95    | 42.1      | .8       | 7.5       | 1.8       | 105.8     | 3.51      | 3.81      | 1.06      | 214      | .62     | .070   | 7.8       | 180.9     | 2.10    | 363.2     | .184    | 1        | 2.82    | .050    | .42    | .8       | .97       | 33        | 4.4       | .08       | 8.9       | .01    |      |
| 78883B       | 1.39      | 186.20    | 3.91      | 102.2     | 99        | 42.4      | 50.4      | 973       | 6.91    | 33.8      | .3       | 6.8       | .8        | 122.3     | .24       | .85       | .34       | 210      | 1.00    | .114   | 2.0       | 43.9      | 2.47    | 251.4     | .217    | 1        | 3.06    | .031    | .90    | .4       | .33       | 10        | .6        | .04       | 9.6       | <.01   |      |
| 78884        | 13.28     | 236.49    | 14.78     | 635.2     | 552       | 132.6     | 36.1      | 983       | 7.34    | 62.9      | .7       | 7.2       | 1.9       | 53.0      | 3.88      | 7.51      | .26       | 119      | .51     | .132   | 9.7       | 95.7      | 1.32    | 112.1     | .082    | 2        | 1.90    | .013    | .13    | .3       | .40       | 127       | 4.0       | .11       | 5.5       | <.01   |      |
| 78885        | 15.90     | 207.33    | 11.83     | 685.9     | 621       | 119.7     | 28.0      | 713       | 6.12    | 42.8      | .7       | 6.7       | 2.0       | 50.3      | 4.70      | 9.91      | .22       | 63       | .46     | .118   | 7.9       | 64.5      | .75     | 104.6     | .045    | 1        | 1.32    | .011    | .13    | <.2      | .74       | 105       | 4.5       | .09       | 3.3       | .02    |      |
| 78886        | 5.44      | 222.44    | 11.34     | 310.7     | 125       | 61.6      | 34.7      | 1351      | 6.20    | 21.7      | .5       | 2.2       | 1.8       | 54.3      | 1.63      | 2.07      | .16       | 206      | .84     | .168   | 6.9       | 63.4      | 2.26    | 187.5     | .143    | 1        | 2.79    | .016    | .87    | .2       | .44       | 47        | 1.1       | .07       | 10.4      | .02    |      |
| STANDARD DS2 | 14.08     | 132.43    | 33.00     | 174.9     | 250       | 39.1      | 14.7      | 856       | 3.36    | 67.5      | 22.0     | 219.9     | 3.7       | 32.6      | 11.70     | 10.57     | 11.21     | 86       | .58     | .087   | 13.8      | 181.8     | .65     | 153.3     | .119    | 3        | 1.89    | .038    | .16    | .8       | 2.05      | 262       | 2.7       | 1.90      | 6.5       | .03    |      |

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO<sub>3</sub>-H<sub>2</sub>O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & MS.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.  
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 16 1999

DATE REPORT MAILED: Aug 27/99

SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

## GEOCHEMICAL ANALYSIS CERTIFICATE

**Bourdon, R.J. PROJECT FOX** File # 9903998  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

| SAMPLE#    | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Li<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| 73308      | 2.03      | 108.63    | 5.66      | 80.2      | 239       | 29.2      | 19.1      | 465       | 3.46    | 8.5       | .5       | 7.7       | 1.3       | 117.7     | .62       | 2.10      | .22       | 33       | 1.58    | .162   | 5.0       | 18.2      | .88     | 195.1     | .175    | 5        | 1.13    | .030    | .36    | 8        | .42       | 26        | 7.7       | .15       | 2.5       | 1.77   |
| 73312      | 6.87      | 155.19    | 5.42      | 148.8     | 241       | 34.0      | 29.1      | 879       | 5.31    | 7.7       | .5       | 4.4       | .7        | 80.5      | 1.08      | .67       | .39       | 198      | .88     | .152   | 4.3       | 61.4      | 2.26    | 71.6      | .230    | 2        | 2.51    | .053    | .69    | 1.0      | .49       | 15        | 5.3       | .20       | 7.8       | .73    |
| 73314      | 1.53      | 192.77    | 18.11     | 63.4      | 286       | 122.9     | 35.9      | 286       | 3.86    | 1.9       | .2       | 1.2       | .4        | 90.6      | .24       | 1.27      | .21       | 81       | 1.03    | .149   | 1.5       | 185.5     | .92     | 99.0      | .168    | <1       | 1.18    | .110    | .59    | 1.7      | .22       | 30        | 3.8       | .53       | 3.0       | 1.38   |
| 73316      | 56.08     | 401.14    | 18.83     | 18.4      | 296       | 31.5      | 53.6      | 150       | 7.15    | 5.0       | .1       | 11.2      | .6        | 57.3      | .09       | 5.72      | .43       | 86       | .57     | .154   | 3.7       | 20.3      | .40     | 60.1      | .214    | 3        | .84     | .029    | .42    | 2.4      | .11       | 25        | 4.8       | .48       | 3.0       | 4.66   |
| 73317      | 3.44      | 101.70    | 3.75      | 204.6     | 255       | 49.2      | 23.4      | 679       | 4.99    | 18.7      | .3       | .6        | .8        | 233.8     | 2.26      | .83       | 1.36      | 285      | 2.06    | .125   | 6.2       | 132.7     | 1.84    | 88.6      | .272    | <1       | 3.20    | .352    | 1.45   | 1.6      | 1.46      | 18        | 6.5       | .47       | 11.5      | 2.00   |
| 73318      | 10.70     | 240.15    | 6.89      | 54.3      | 363       | 57.5      | 20.9      | 364       | 5.21    | 1.0       | .8       | 6.6       | 1.1       | 186.5     | .23       | .86       | 6.72      | 303      | 1.88    | .128   | 7.1       | 131.2     | 2.09    | 137.0     | .278    | 1        | 3.44    | .374    | .78    | 3.0      | .91       | 19        | 4.5       | .32       | 11.6      | 2.01   |
| 73326      | 6.83      | 124.56    | 9.26      | 147.7     | 487       | 28.6      | 20.9      | 617       | 5.58    | 1.5       | .8       | 3.3       | 2.2       | 78.1      | 1.02      | 3.47      | .66       | 144      | .76     | .130   | 7.3       | 59.7      | 1.27    | 75.9      | .216    | 1        | 1.45    | .141    | .92    | 1.5      | .87       | 10        | 14.1      | .37       | 7.9       | 3.21   |
| 73327      | 10.03     | 177.99    | 3.93      | 89.9      | 295       | 71.8      | 22.6      | 365       | 4.75    | 23.3      | 1.0      | 7.2       | 1.1       | 143.3     | .68       | .85       | 5.15      | 403      | 1.70    | .117   | 6.1       | 192.4     | 1.64    | 151.3     | .239    | <1       | 2.27    | .270    | 1.19   | 4.3      | 1.61      | <5        | 10.7      | .23       | 9.0       | 2.11   |
| RE 73327   | 9.30      | 168.60    | 3.67      | 86.2      | 276       | 68.1      | 21.2      | 366       | 4.51    | 22.5      | .9       | 4.4       | 1.0       | 129.8     | .67       | .81       | 5.07      | 383      | 1.58    | .111   | 5.0       | 184.2     | 1.55    | 142.3     | .213    | 1        | 2.11    | .239    | 1.13   | 3.7      | 1.54      | 6         | 10.2      | .20       | 8.4       | 2.00   |
| 73328      | 6.99      | 85.58     | 11.33     | 42.8      | 239       | 6.4       | 6.2       | 510       | 2.26    | 56.0      | .4       | 2.6       | 1.4       | 77.1      | .39       | 2.04      | .43       | 59       | .75     | .123   | 4.4       | 11.2      | .79     | 129.4     | .196    | 2        | 1.09    | .019    | .32    | 1.4      | .27       | 40        | 5.8       | .21       | 2.8       | .77    |
| 73329      | 9.63      | 371.06    | 9.85      | 19.5      | 232       | 33.7      | 57.6      | 120       | 7.03    | 4.9       | .1       | 17.6      | .7        | 64.9      | .13       | 6.14      | .49       | 49       | .66     | .190   | 3.5       | 13.8      | .32     | 68.0      | .199    | 4        | .85     | .012    | .52    | 1.4      | .16       | 18        | 4.7       | .33       | 2.7       | 5.27   |
| STANDARD D | 13.47     | 125.06    | 29.61     | 157.5     | 264       | 35.7      | 12.3      | 796       | 3.06    | 60.3      | 19.8     | 189.5     | 3.3       | 27.7      | 11.27     | 10.59     | 11.18     | 77       | .52     | .077   | 16.8      | 165.5     | .58     | 137.3     | .115    | 1        | 1.66    | .030    | .15    | 7.2      | 1.94      | 243       | 2.3       | 1.79      | 5.7       | .03    |

Standard is STANDARD DS2.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES &amp; MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 18 1999

DATE REPORT MAILED:

SIGNED BY: C. Leong

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.  
(ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

AA  
LL

GEOCHEMICAL ANALYSIS CERTIFICATE

Bourdon, R.J. PROJECT FOX File # 9903999  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

AA  
LL

| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Tl<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |      |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|------|
| E 73309      | 5.06      | 210.71    | 9.76      | 344.1     | 96        | 83.7      | 32.4      | 774       | 5.22    | 36.4      | .7       | 7.3       | 1.8       | 43.7      | 1.37      | 2.84      | .35       | 138      | .44     | .114   | 10.0      | 76.4      | 1.58    | 114.3     | .157    | 2.2      | 59      | .010    | .14    | 6        | 28        | 31        | 2.2       | .07       | 6.6       | .01    |      |
| E 73310      | 3.22      | 64.04     | 8.91      | 626.4     | 829       | 41.8      | 20.4      | 1239      | 2.87    | 13.2      | .5       | 3.0       | 1.2       | 30.6      | 5.69      | 1.64      | .29       | 55       | .25     | .113   | 6.9       | 28.3      | .43     | 193.3     | .062    | 2.1      | 70      | .008    | .09    | .3       | 23        | 50        | 1.2       | .05       | 5.4       | .03    |      |
| E 73311      | 20.09     | 253.14    | 12.55     | 629.8     | 172       | 100.7     | 19.8      | 565       | 6.63    | 45.2      | 1.2      | 5.8       | 2.3       | 42.3      | 2.76      | 8.66      | .38       | 81       | .37     | .131   | 20.6      | 57.9      | .87     | 132.7     | .038    | 1.1      | 46      | .005    | .12    | .4       | 35        | 85        | 3.4       | .13       | 3.6       | .01    |      |
| E 73313      | 1.69      | 79.96     | 6.05      | 217.6     | 125       | 99.6      | 31.3      | 4594      | 5.12    | 155.7     | .3       | 8.6       | .7        | 89.6      | 1.41      | 2.03      | .53       | 154      | .99     | .108   | 3.6       | 237.3     | 2.42    | 165.2     | .154    | 1.2      | 56      | .013    | .27    | .3       | 26        | 25        | 2.7       | .09       | 7.5       | .11    |      |
| E 73315      | 3.09      | 92.21     | 6.95      | 176.2     | 164       | 69.8      | 26.6      | 847       | 4.69    | 27.3      | .6       | 5.4       | 1.4       | 85.2      | 1.24      | 2.13      | .41       | 179      | .78     | .114   | 7.6       | 192.2     | 2.72    | 130.5     | .208    | <1       | 2       | .93     | .031   | .30      | 4         | 60        | 27        | 1.3       | .04       | 8.9    | <.01 |
| E 73319      | 9.79      | 198.69    | 13.32     | 564.7     | 484       | 104.8     | 22.0      | 460       | 6.62    | 23.0      | .6       | 3.5       | 1.9       | 257.1     | 3.06      | 6.83      | 1.03      | 98       | .62     | .095   | 9.3       | 60.8      | 1.13    | 87.0      | .117    | <1       | 2       | .44     | .011   | .21      | .5        | 63        | 27        | 4.9       | .19       | 5.4    | .02  |
| E 73320      | 2.59      | 82.99     | 9.71      | 515.5     | 470       | 164.7     | 43.4      | 972       | 4.78    | 50.1      | .7       | 2.7       | 1.5       | 75.6      | 3.16      | 2.11      | .54       | 153      | .59     | .157   | 7.4       | 284.4     | 2.00    | 172.2     | .190    | <1       | 4       | .35     | .046   | .18      | .4        | 44        | 65        | 1.6       | .07       | 10.7   | .04  |
| E 73321      | 1.34      | 83.22     | 8.67      | 189.8     | 432       | 137.8     | 32.8      | 803       | 4.45    | 87.7      | .4       | 7.3       | 1.5       | 62.3      | 1.77      | 3.87      | 1.06      | 158      | .49     | .154   | 7.1       | 186.8     | 2.26    | 233.4     | .186    | 1.3      | 63      | .023    | .22    | <.2      | .43       | 34        | 1.2       | .19       | 9.5       | .02    |      |
| E 73322      | 3.34      | 132.24    | 10.26     | 372.0     | 387       | 86.6      | 29.9      | 649       | 4.98    | 28.3      | .5       | 3.8       | 1.9       | 78.7      | 2.48      | 2.28      | .62       | 182      | .44     | .120   | 7.5       | 90.7      | 1.90    | 114.5     | .217    | 1.4      | 11      | .038    | .21    | .4       | 54        | 37        | 2.2       | .07       | 9.8       | .01    |      |
| RE E 73322   | 3.44      | 132.71    | 10.10     | 375.4     | 388       | 87.0      | 30.2      | 649       | 4.98    | 28.3      | .5       | 3.5       | 2.0       | 79.3      | 2.57      | 2.22      | .62       | 183      | .44     | .119   | 7.5       | 86.9      | 1.91    | 114.8     | .220    | 1.4      | 13      | .038    | .21    | .4       | 53        | 34        | 2.2       | .08       | 9.7       | .01    |      |
| E 73323      | 9.55      | 164.99    | 6.74      | 423.6     | 665       | 216.0     | 64.5      | 1930      | 7.25    | 37.0      | .8       | 6.9       | 1.3       | 37.7      | 3.88      | 5.69      | 1.55      | 101      | .24     | .245   | 7.0       | 90.6      | 1.36    | 166.3     | .046    | 1.3      | 63      | .004    | .07    | .3       | .73       | 67        | 4.0       | .07       | 5.5       | .02    |      |
| E 73324      | 1.85      | 139.48    | 8.21      | 183.6     | 132       | 50.6      | 47.8      | 1018      | 6.63    | 32.0      | .4       | 4.0       | 1.0       | 90.6      | .85       | .89       | 1.31      | 217      | .38     | .106   | 3.0       | 75.6      | 2.24    | 170.7     | .248    | 2.4      | 29      | .012    | .53    | .5       | 24        | 28        | .7        | .05       | 10.6      | .01    |      |
| E 73325      | 1.72      | 164.55    | 7.38      | 106.0     | 141       | 39.4      | 40.2      | 735       | 6.60    | 16.8      | .3       | 2.2       | 1.3       | 208.1     | .13       | 1.08      | .68       | 218      | .34     | .094   | 4.0       | 65.4      | 2.46    | 194.9     | .288    | 1.4      | 30      | .009    | .49    | .5       | 19        | 24        | .5        | .06       | 11.2      | <.01   |      |
| STANDARD DS2 | 13.67     | 126.60    | 29.61     | 160.9     | 265       | 35.5      | 12.9      | 802       | .10     | 61.5      | 20.8     | 196.4     | 3.3       | 28.3      | 11.11     | 10.70     | 11.47     | 79       | .52     | .082   | 16.6      | 162.8     | .59     | 139.7     | .117    | 2.1      | 71      | .030    | .16    | 7.9      | 1.81      | 242       | 2.6       | 1.77      | 5.8       | .03    |      |

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 18 1999 DATE REPORT MAILED: Oct 25/99 SIGNED BY: C. Toy, C. Leong, J. Wang; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT FOX

File # 9904188

907 W. Richards St., Nelson BC V1L 5T3

Submitted by: R.J. Bourdon

| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppb | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Tl<br>ppm | Hg<br>ppb | Se<br>ppm | Te<br>ppm | Ga<br>ppm | S<br>% |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| E 73334-A    | 7.62      | 144.89    | 10.51     | 502.8     | 392       | 119.3     | 32.3      | 591       | 6.04    | 45.9      | .6       | 3.2       | 1.6       | 22.8      | 2.25      | 4.39      | .34       | 145      | .25     | .152   | 6.3       | 106.8     | 1.54    | 207.1     | .108    | 2        | 3.12    | .005    | .12    | .4       | .32       | 45        | 3.2       | .05       | 6.9       | <.01   |
| E 73334-B    | 7.34      | 90.13     | 9.87      | 327.4     | 509       | 115.8     | 28.3      | 354       | 5.20    | 32.9      | 1.3      | 2.7       | 1.1       | 112.3     | 2.84      | 2.85      | .31       | 140      | 1.42    | .070   | 14.5      | 94.7      | 1.09    | 212.3     | .061    | 3        | 3.82    | .010    | .05    | .4       | .29       | 83        | 3.1       | .07       | 8.0       | .04    |
| E 73334-C    | 5.04      | 37.56     | 8.04      | 337.6     | 226       | 43.7      | 13.5      | 307       | 4.34    | 23.8      | .4       | 2.0       | 1.1       | 27.1      | 1.49      | 2.08      | .37       | 160      | .28     | .110   | 5.2       | 78.8      | .78     | 135.7     | .133    | 3        | 2.33    | .009    | .09    | .4       | .26       | 36        | 1.3       | .05       | 8.5       | <.01   |
| E 73335-A    | 4.83      | 172.80    | 9.62      | 264.2     | 157       | 55.3      | 25.7      | 897       | 5.41    | 23.0      | .8       | 7.9       | 2.2       | 67.4      | 1.15      | 2.44      | .28       | 171      | .70     | .108   | 13.6      | 60.2      | 1.78    | 124.4     | .210    | 1        | 2.59    | .012    | .49    | .3       | .51       | 27        | 1.6       | .07       | 8.6       | <.01   |
| E 73335-B    | 7.66      | 169.53    | 9.83      | 352.8     | 134       | 67.8      | 23.3      | 622       | 4.64    | 30.1      | .7       | 5.1       | 2.0       | 35.1      | 2.16      | 3.76      | .28       | 118      | .40     | .091   | 7.5       | 53.2      | 1.27    | 109.1     | .168    | 1        | 2.02    | .006    | .26    | .3       | .28       | 23        | 2.5       | .07       | 5.5       | <.01   |
| E 73335-C    | 4.47      | 159.11    | 8.37      | 373.4     | 207       | 57.9      | 23.7      | 770       | 4.76    | 21.8      | .6       | 3.5       | 1.8       | 41.7      | 1.84      | 2.06      | .34       | 139      | .42     | .106   | 7.7       | 48.5      | 1.43    | 158.1     | .176    | 1        | 2.39    | .012    | .29    | .4       | .33       | 15        | 1.8       | .07       | 7.2       | <.01   |
| E 73336-A    | 1.47      | 65.63     | 9.72      | 175.3     | 248       | 49.6      | 26.1      | 644       | 3.48    | 14.4      | .4       | .9        | 1.2       | 29.7      | .82       | .94       | .67       | 97       | .28     | .105   | 5.4       | 57.9      | .79     | 132.2     | .114    | 1        | 2.92    | .009    | .06    | <.2      | .24       | 64        | .5        | .14       | 8.4       | .01    |
| E 73336-B    | 3.16      | 44.65     | 11.24     | 514.8     | 508       | 56.2      | 27.5      | 949       | 4.40    | 17.5      | .4       | 1.1       | 1.1       | 30.8      | 5.29      | 1.54      | .40       | 128      | .23     | .206   | 5.4       | 89.7      | 1.04    | 221.4     | .146    | 1        | 2.71    | .009    | .12    | .3       | .25       | 52        | 1.1       | .08       | 10.6      | <.01   |
| E 73336-C    | 3.27      | 72.15     | 9.33      | 692.4     | 546       | 86.3      | 29.2      | 775       | 4.68    | 34.8      | .7       | 3.9       | 2.0       | 30.2      | 6.43      | 2.00      | .38       | 119      | .29     | .251   | 7.6       | 87.3      | 1.09    | 251.1     | .141    | 3        | 3.90    | .009    | .11    | .4       | .30       | 71        | 1.3       | .05       | 9.2       | <.01   |
| E 73336-D    | 2.44      | 69.06     | 10.42     | 334.8     | 274       | 54.9      | 26.5      | 559       | 4.57    | 33.9      | .5       | 2.7       | 1.7       | 18.6      | 2.38      | 1.47      | 1.01      | 120      | .17     | .194   | 5.0       | 61.2      | .80     | 138.4     | .138    | 1        | 3.57    | .010    | .09    | <.2      | .29       | 41        | .8        | .19       | 10.5      | <.01   |
| E 73336-E    | 4.87      | 58.33     | 9.44      | 542.0     | 825       | 95.8      | 27.2      | 1270      | 4.49    | 21.8      | .4       | 2.1       | .8        | 54.4      | 5.55      | 2.41      | .29       | 116      | .41     | .318   | 4.8       | 92.0      | .96     | 401.2     | .052    | 1        | 2.62    | .008    | .09    | .2       | .33       | 31        | 1.7       | .05       | 7.4       | <.01   |
| E 73336-F    | 4.88      | 83.43     | 10.30     | 313.4     | 617       | 63.5      | 22.5      | 394       | 4.46    | 28.1      | .7       | 2.9       | 1.2       | 31.5      | 2.06      | 1.92      | .35       | 121      | .29     | .079   | 5.5       | 92.8      | 1.06    | 154.6     | .155    | 2        | 3.23    | .010    | .07    | .3       | .24       | 80        | 1.5       | .07       | 9.8       | .02    |
| RE E 73336-G | 2.66      | 121.01    | 10.07     | 172.7     | 280       | 60.6      | 27.6      | 535       | 6.30    | 34.2      | .4       | 3.6       | .9        | 32.9      | .56       | 2.35      | .29       | 197      | .31     | .130   | 4.6       | 109.0     | 1.67    | 102.1     | .179    | 8        | 3.15    | .006    | .07    | 1.3      | .18       | 31        | .6        | .06       | 10.9      | <.01   |
| E 73336-G    | 2.89      | 126.00    | 10.89     | 179.3     | 292       | 61.5      | 28.3      | 550       | 6.48    | 37.3      | .4       | 2.2       | 1.0       | 34.9      | .60       | 2.49      | .29       | 204      | .32     | .135   | 5.1       | 112.8     | 1.72    | 107.0     | .191    | 9        | 3.40    | .006    | .08    | 1.5      | .19       | 42        | .7        | .06       | 12.0      | .01    |
| E 73336-H    | 1.47      | 27.96     | 9.29      | 114.1     | 120       | 22.3      | 11.4      | 401       | 3.21    | 23.1      | .3       | 1.7       | .8        | 20.1      | .77       | 1.06      | .27       | 104      | .18     | .121   | 3.6       | 42.0      | .53     | 66.2      | .151    | 2        | 1.33    | .008    | .05    | .4       | .08       | 18        | .3        | .02       | 8.3       | <.01   |
| E 73336-I    | 1.55      | 52.55     | 10.53     | 133.2     | 236       | 26.7      | 18.5      | 391       | 3.59    | 24.9      | .4       | 4.1       | 1.3       | 22.6      | .63       | 1.06      | .27       | 115      | .19     | .126   | 4.0       | 52.1      | .61     | 69.9      | .189    | 2        | 2.23    | .010    | .06    | .6       | .10       | 35        | .3        | .05       | 9.2       | .01    |
| E 73336-J    | 1.67      | 37.60     | 9.53      | 167.5     | 417       | 31.4      | 21.3      | 369       | 4.52    | 27.3      | .5       | 1.6       | 1.6       | 18.6      | .90       | .91       | .31       | 107      | .15     | .319   | 4.3       | 60.9      | .52     | 87.5      | .179    | 3        | 3.80    | .011    | .05    | .7       | .11       | 77        | .6        | .05       | 11.8      | .02    |
| E 73336-K    | 4.14      | 91.17     | 12.80     | 268.6     | 713       | 76.3      | 28.5      | 555       | 5.82    | 42.2      | .6       | 2.2       | 1.5       | 37.0      | 1.11      | 2.56      | .49       | 189      | .34     | .081   | 6.3       | 141.5     | 1.76    | 143.1     | .226    | 2        | 3.57    | .008    | .08    | .7       | .18       | 82        | 1.5       | .06       | 10.8      | .03    |
| STANDARD DS2 | 14.27     | 129.17    | 30.77     | 163.6     | 253       | 37.8      | 12.8      | 829       | 3.18    | 62.6      | 20.0     | 202.1     | 3.6       | 29.7      | 11.70     | 10.53     | 11.06     | 79       | .55     | .089   | 17.0      | 170.7     | .60     | 143.9     | .117    | 2        | 1.78    | .030    | .16    | 7.4      | 1.83      | 254       | 2.4       | 1.87      | 6.1       | .02    |

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES &amp; MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 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 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 28 1999

DATE REPORT MAILED: Nov 5/99

SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

| FILE: C:\PAA99\DEMERS\ASSAYS\DEMERS_LOCATION9899.XLS |          |      |         |      |      |         |        |
|------------------------------------------------------|----------|------|---------|------|------|---------|--------|
| GPS                                                  |          |      |         |      |      |         |        |
| SAMPLE#                                              | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   |
|                                                      |          |      |         |      |      |         |        |
| 1                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710920 | 690100 |
| 2                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710920 | 690000 |
| 3                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710920 | 689900 |
| 4                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710920 | 689800 |
| 5                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710920 | 689700 |
| 6                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710820 | 689700 |
| 7                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710820 | 689800 |
| 8                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710820 | 689900 |
| 8A                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5710820 | 689950 |
| 9                                                    |          | 1999 | DEMERS  | SOIL | 10   | 5710820 | 690000 |
| 9A                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5710820 | 690050 |
| 10                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5711113 | 690287 |
| 11                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5711125 | 690350 |
| 12                                                   | Z070100A | 1999 | DEMERS  | SOIL | 10   | 5711139 | 690427 |
| 21                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5712672 | 689356 |
| 22                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5712672 | 689556 |
| 23                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5712672 | 689756 |
| 24                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5712672 | 689956 |
| 25                                                   |          | 1999 | DEMERS  | SOIL | 10   | 5712683 | 690128 |
| 102                                                  |          | 1999 | DEMERS  | SOIL | 10   | 5714123 | 689840 |
| 103                                                  | Z070120A | 1999 | DEMERS  | SOIL | 10   | 5714075 | 689709 |
| B 51938                                              | Z080819C | 1999 | DEMERS  | ROCK | 10   | 5714011 | 688709 |
| B 51939                                              | Z080821A | 1999 | DEMERS  | ROCK | 10   | 5715245 | 688574 |
| B 51940                                              |          | 1999 | DEMERS  | TILL | 10   | 5714958 | 689140 |
| B 51940A                                             |          | 1999 | DEMERS  | TILL | 10   | 5714958 | 688890 |
| B 51940B                                             |          | 1999 | DEMERS  | TILL | 10   | 5714958 | 688640 |
| B 51940C                                             |          | 1999 | DEMERS  | TILL | 10   | 5714958 | 688390 |
| B 51940D                                             |          | 1999 | DEMERS  | TILL | 10   | 5714958 | 688140 |
| B 51941                                              |          | 1999 | DEMERS  | ROCK | 10   | 5714958 | 688640 |
| B 51942                                              |          | 1999 | DEMERS  | TILL | 10   | 5713497 | 689323 |
| B 51943                                              |          | 1999 | DEMERS  | TILL | 10   | 5713493 | 689196 |
| B 51944                                              |          | 1999 | DEMERS  | ROCK | 10   | 5713478 | 689248 |
| B 51945                                              |          | 1999 | DEMERS  | ROCK | 10   | 5713483 | 689221 |

|          | GP8      |      |         |      |      |         |        | FILE: C:\PAA99\DEMERS\ASSAYS\DEMERS_LOCATION9899.XLS                                            |
|----------|----------|------|---------|------|------|---------|--------|-------------------------------------------------------------------------------------------------|
| SAMPLE#  | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   | LOCATION                                                                                        |
| B 51946A | Z080917A | 1999 | DEMERS  | TILL | 10   | 5709888 | 690298 | About 100 meters East of 78831 elev 1102m                                                       |
| B 51946B |          | 1999 | DEMERS  | TILL | 10   | 5709895 | 690387 | About 200 meters East of 78831                                                                  |
| B 51946C |          | 1999 | DEMERS  | TILL | 10   | 5709902 | 690460 | About 300 meters east of 78831                                                                  |
| B 51946D | Z080918A | 1999 | DEMERS  | TILL | 10   | 5709910 | 690547 | About 400 meters East of 78831 elev 968m                                                        |
| B 51946E |          | 1999 | DEMERS  | TILL | 10   | 5709914 | 690649 | About 500 meters East of 78831 and about 50 meters West of Creek                                |
| B 51946F |          | 1999 | DEMERS  | TILL | 10   | 5709917 | 690750 | About 600meters East of 78831                                                                   |
| B 51947  |          | 1999 | DEMERS  | ROCK | 10   | 5709905 | 690500 | QTZ FLOAT BETWEEN 51947C & D SOME PY                                                            |
| B 51948  | Z080918B | 1999 | DEMERS  | ROCK | 10   | 5709938 | 690715 | Arg 5% Py E side cr Str 345 Dip V Z080918B is about 10 meters North of B 51948 elev 926m        |
| B 51949  |          | 1999 | DEMERS  | TILL | 10   | 5709506 | 690850 | 35M E OF RHYOLITE NEAR E78841                                                                   |
| B 51949A |          | 1999 | DEMERS  | TILL | 10   | 5709503 | 690825 | 10M E OF RHYOLITE NEAR E78841                                                                   |
| B 51949B |          | 1999 | DEMERS  | TILL | 10   | 5709503 | 690725 | 100M W OF B 51949A                                                                              |
| B 51949C |          | 1999 | DEMERS  | TILL | 10   | 5709508 | 690825 | 200M W OF B 51949A                                                                              |
| B 51949D |          | 1999 | DEMERS  | TILL | 10   | 5709516 | 690525 | 300M W OF B 51949A                                                                              |
| B 51949E |          | 1999 | DEMERS  | TILL | 10   | 5709516 | 690425 | 400M W OF B 51949A                                                                              |
| B 51949F |          | 1999 | DEMERS  | TILL | 10   | 5709516 | 690325 | 500m W of B 51949A. About 50 meters N of B 51949F is agglomerate (arg clasts in grey-green O/C) |
| B 51950  |          | 1999 | DEMERS  | TILL | 10   | 5711205 | 690212 | 100M N OF 139125                                                                                |
| D 63329  |          | 1998 | DEMERS  | TILL | 10   | 5707901 | 690864 | Along main Nehalliston Creek Road                                                               |
| D 63330  |          | 1998 | DEMERS  | TILL | 10   | 5707806 | 690857 | Along main Nehalliston Creek Road                                                               |
| D 63331  |          | 1998 | DEMERS  | TILL | 10   | 5707736 | 690786 | Along main Nehalliston Creek Road                                                               |
| D 63332  |          | 1998 | DEMERS  | TILL | 10   | 5707704 | 690660 | Along main Nehalliston Creek Road                                                               |
| D 63333  |          | 1998 | DEMERS  | TILL | 10   | 5707623 | 690604 | Along main Nehalliston Creek Road                                                               |
| D 63334  |          | 1998 | DEMERS  | TILL | 10   | 5707662 | 690635 | Along main Nehalliston Creek Road                                                               |
| D 63335  |          | 1998 | DEMERS  | TILL | 10   | 5708059 | 690537 | Along main Nehalliston Creek Road                                                               |
| D 63336  |          | 1998 | DEMERS  | TILL | 10   | 5708010 | 690544 | Along main Nehalliston Creek Road                                                               |
| D 63337  |          | 1998 | DEMERS  | TILL | 10   | 5707947 | 690519 | Along main Nehalliston Creek Road                                                               |
| D 63338  |          | 1998 | DEMERS  | TILL | 10   | 5707824 | 690481 | Along main Nehalliston Creek Road                                                               |
| D 63339  |          | 1998 | DEMERS  | TILL | 10   | 5707799 | 690410 | Along main Nehalliston Creek Road                                                               |
| D 63340  |          | 1998 | DEMERS  | TILL | 10   | 5707848 | 690340 | Along main Nehalliston Creek Road                                                               |
| D 63341  |          | 1998 | DEMERS  | TILL | 10   | 5708495 | 690291 | Along main Nehalliston Creek Road                                                               |
| D 63342  |          | 1998 | DEMERS  | TILL | 10   | 5708453 | 690168 | Along main Nehalliston Creek Road                                                               |
| D 90384  | Z063021B | 1999 | DEMERS  | SILT | 10   | 5711268 | 689662 | Northwesterly from end of new road and about 300 meters West of D 90385                         |
| D 90385  |          | 1999 | DEMERS  | SILT | 10   | 5711175 | 689960 | 50 meters downstream from till 8                                                                |
| D 90386  |          | 1999 | DEMERS  | SILT | 10   | 5711125 | 690352 | About 25 meters West of till 11                                                                 |

| FILE: C:\PAA99\DEMERS\ASSAYS\DEMERS_LOCATION98899.XLS |          |      |         |      |      |         |                                                                                                                |
|-------------------------------------------------------|----------|------|---------|------|------|---------|----------------------------------------------------------------------------------------------------------------|
|                                                       | GPS      |      |         |      |      |         |                                                                                                                |
| SAMPLE#                                               | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST                                                                                                           |
|                                                       |          |      |         |      |      |         | LOCATION                                                                                                       |
| D 90387                                               |          | 1999 | DEMERS  | SILT | 10   | 5712683 | 688808 About 775 meters from PoC at end of road                                                                |
| D 90388                                               |          | 1999 | DEMERS  | SILT | 10   | 5712683 | 688988 About 950 meters from PoC at end of road                                                                |
| D 90389                                               | Z070120B | 1999 | DEMERS  | SILT | 10   | 5713806 | 688431 About 400 meters Southerly from road junction where sample E78868                                       |
| D 90390                                               | Z070120F | 1999 | DEMERS  | SILT | 10   | 5713626 | 688720 About 50 meters West of road junction of main Nehalliston road and spur road to banded rhyolite         |
| D 90391                                               |          | 1999 | DEMERS  | SILT | 10   | 5709498 | 688866 About 50 meters NE of junction of new road with main Nehalliston Creek road                             |
| D 90392                                               |          | 1999 | DEMERS  | SILT | 10   | 5708681 | 688929 Creek below switchback                                                                                  |
| D 90393                                               |          | 1999 | DEMERS  | SILT | 10   | 5708295 | 6891340 Nehalliston Creek West of chert breccia                                                                |
| E 73304                                               | Z080922A | 1999 | DEMERS  | ROCK | 10   | 5711100 | 690197 CALC SEDS NEAR TILL 139125 DISSEM PY CRUDELY BANDED elev 1112m                                          |
| E 73305                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717861 | 688048 BLACK SEDS+PY BANDS @ END OF MOST N ROAD PHASER L.                                                      |
| E 73306                                               | R102320A | 1999 | DEMERS  | ROCK | 10   | 5714612 | 688857 South of IP BBB5, 6 Black argillite                                                                     |
| E 73307                                               |          | 1999 | DEMERS  | ROCK | 10   | 5714580 | 688875 South of IP BBB5, 6 Rhyolite?                                                                           |
| E 73308                                               |          | 1999 | DEMERS  | ROCK | 10   | 5713485 | 688224 Silicified Argillite near B 51945 just West of disseminate Po and Po on fractures                       |
| E 73309                                               | R100923A | 1999 | DEMERS  | TILL | 10   | 5715254 | 688583 Till at mag high 58500 where we tried hand trench. Some ferrocrete seen in sample hole elev 1368m       |
| E 73310                                               |          | 1999 | DEMERS  | TILL | 10   | 5713480 | 688258 About 10 meters East of till B 51944                                                                    |
| E 73311                                               |          | 1999 | DEMERS  | TILL | 10   | 5713481 | 688268 About 20 meters East of E 73310                                                                         |
| E 73312                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717593 | 688807 50 meters E of Phaser Creek - S side of road - silic seds+ py+calcite on fractures Strike 330 dip 70W   |
| E 73313                                               |          | 1999 | DEMERS  | SILT | 10   | 5717610 | 688762 Phaser Creek just above road - sediments in this area appear to have thin layers of tuff                |
| E 73314                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717737 | 688747 Sediments + Po just below Phaser Creek road and near Phaser Creek                                       |
| E 73315                                               | R102421C | 1999 | DEMERS  | TILL | 10   | 5716747 | 688173 At fragmental boulder on Phaser Lake road                                                               |
| E 73316                                               | R102421B | 1999 | DEMERS  | ROCK | 10   | 5716826 | 688386 Altered silicified boulder with minor Cpy? Bornite? near North end of Phaser Lake on North side of road |
| E 73317                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717918 | 688099 "Banded" pyrite in sediments at North of Phaser Lake and at end of most North road                      |
| E 73318                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717846 | 688031 Cherty hornfelsed? O/C at end of most Northerly road North of Phaser Lake                               |
| E 73319                                               | R101021A | 1999 | DEMERS  | TILL | 10   | 5717853 | 688004 About 50 meters West of end of most Northerly road North of Phaser Lake                                 |
| E 73320                                               | R101021B | 1999 | DEMERS  | TILL | 10   | 5717851 | 687923 About 100 meters West of E 73319 on edge of low lying area elev 1278m                                   |
| E 73321                                               | R101021C | 1999 | DEMERS  | TILL | 10   | 5717830 | 687862 About 250 meters West of E 73319 elev 1268m                                                             |
| E 73322                                               | R101022A | 1999 | DEMERS  | TILL | 10   | 5717736 | 688020 About 200 meters South of E 73319 massive phlogophite? in hole elev 1298m                               |
| E 73323                                               | R101022B | 1999 | DEMERS  | TILL | 10   | 5717735 | 688079 About 200 meters @ 150 degrees from E 73319 black argillite in hole elev 1330m                          |
| E 73324                                               | R101022C | 1999 | DEMERS  | TILL | 10   | 5717708 | 688154 About 100 meters East of E 73323 - volcanics with dissem py in hole elev 1324m                          |
| E 73325                                               | R101023A | 1999 | DEMERS  | TILL | 10   | 5717749 | 688195 Volcanics in hole elev 1340                                                                             |
| E 73326                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717919 | 688101 Banded sediment O/C at contact with volcanics and about 20 meters West of E 78883B                      |
| E 73327                                               |          | 1999 | DEMERS  | ROCK | 10   | 5717908 | 688093 Chert O/C about 12 meters Southwest of E 73326                                                          |
| E 73328                                               | Z070120E | 1999 | DEMERS  | ROCK | 10   | 5713494 | 688183 Argillite O/C in road cut just North of CJ ground same location as E 78861                              |
| E 73329                                               | R102421B | 1999 | DEMERS  | ROCK | 10   | 5716826 | 688386 Altered silicified boulder on edge of road just North of Phaser Lake - minor Py + Cpy? + Bornite?       |

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|------------------------------------------------------|----------|------|---------|------|------|---------|---------------------------------------------------------------------------------------------------------|
|                                                      | GPS      |      |         |      |      |         |                                                                                                         |
| SAMPLE#                                              | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST                                                                                                    |
| E 73330                                              | R102319C | 1999 | DEMERS  | ROCK | 10   | 5714342 | 688936 Seds + Po about 25 meters South of R102319A                                                      |
| E 73331                                              | R102321A | 1999 | DEMERS  | ROCK | 10   | 5714852 | 688684 Silicified black fine-grained sediments with Py                                                  |
| E 73332                                              | R100923A | 1999 | DEMERS  | ROCK | 10   | 5715254 | 688583 Limonitic material from small hand trench                                                        |
| E 73333                                              | R102318A | 1999 | DEMERS  | ROCK | 10   | 5713465 | 689278 Gneissic intrusive? boulder at mag high on main road at CJ bdy.                                  |
| E 73334-A                                            | R102423B | 1999 | DEMERS  | SOIL | 10   | 5715790 | 688677                                                                                                  |
| E 73334-B                                            | R102423C | 1999 | DEMERS  | SOIL | 10   | 5715896 | 688789 About 20 meters East of R102423C                                                                 |
| E 73334-C                                            | R102500A | 1999 | DEMERS  | SOIL | 10   | 5715231 | 688926                                                                                                  |
| E 73335-A                                            | R102521A | 1999 | DEMERS  | SOIL | 10   | 5713542 | 689222 About 50 meters North of main road near North bdy of CJ ground                                   |
| E 73335-B                                            | R102521B | 1999 | DEMERS  | SOIL | 10   | 5713547 | 689244 About 20 meters East of E 73335A                                                                 |
| E 73335-C                                            | R102521C | 1999 | DEMERS  | SOIL | 10   | 5713548 | 689252 About 10 meters East of E 73335B                                                                 |
| E 73336-A                                            | R102523A | 1999 | DEMERS  | SOIL | 10   | 5715887 | 688384 About 150 meters West of FP Phaser 9 claim 20 cm vein with minor Cpy str 60 dip 70W in volcanics |
| E 73336-B                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715887 | 688430 About 100 meters West of FP Phaser 9 claim                                                       |
| E 73336-C                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715887 | 688485 About 50 meters West of FP Phaser 9 claim                                                        |
| E 73336-D                                            | R102523B | 1999 | DEMERS  | SOIL | 10   | 5715888 | 688541 At FP Phaser 9 claim                                                                             |
| E 73336-E                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715888 | 688590 About 50 meters East of FP Phaser 9 claim                                                        |
| E 73336-F                                            | R102523C | 1999 | DEMERS  | SOIL | 10   | 5715891 | 688620 About 100 meters East of FP Phaser 9 claim                                                       |
| E 73336-G                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715891 | 688670 About 150 meters East of FP Phaser 9 claim                                                       |
| E 73336-H                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715893 | 688717 About 200 meters East of FP Phaser 9 claim                                                       |
| E 73336-I                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715895 | 688762 About 250 meters East of FP Phaser 9 claim                                                       |
| E 73336-J                                            | R102523D | 1999 | DEMERS  | SOIL | 10   | 5715898 | 688810 About 300 meters East of FP Phaser 9 claim                                                       |
| E 73336-K                                            |          | 1999 | DEMERS  | SOIL | 10   | 5715898 | 688860 About 350 meters East of FP Phaser 9 claim                                                       |
| E 78801                                              |          | 1998 | DEMERS  | TILL | 10   | 5706282 | 691551 About 10 meters North of "Chert breccia", O/C on West side of road                               |
| E 78802                                              |          | 1998 | DEMERS  | ROCK | 10   | 5706282 | 691551 Same location as E 78801 - float rhyolite + mariposite?                                          |
| E 78803                                              |          | 1998 | DEMERS  | ROCK | 10   | 5706282 | 691551 Same location as E 78801 & E 78802 - float silicified rx + dissem py                             |
| E 78804                                              |          | 1998 | DEMERS  | ROCK | 10   | 5706282 | 691551 Same location as E 78801-03 - outcrop black cherty rx                                            |
| E 78805                                              | R051223A | 1998 | DEMERS  | TILL | 10   | 5706800 | 691382 About 200 meters North of E 78804                                                                |
| E 78806                                              | R051223B | 1998 | DEMERS  | TILL | 10   | 5706750 | 691275 About 200 meters North of E 78805                                                                |
| E 78807                                              | R051223C | 1998 | DEMERS  | TILL | 10   | 5706836 | 691189 About 300 meters North of E 78806                                                                |
| E 78808                                              | R051223D | 1998 | DEMERS  | TILL | 10   | 5707017 | 691082 About 300 meters North of E 78807                                                                |
| E 78809                                              | R051223E | 1998 | DEMERS  | TILL | 10   | 5707234 | 691007 Somewhat sandy                                                                                   |
| E 78810                                              | R051300A | 1998 | DEMERS  | TILL | 10   | 5707351 | 690912 Same location as Gov't sample                                                                    |
| E 78811                                              | R051300B | 1998 | DEMERS  | TILL | 10   | 5707534 | 690782 Loose basal till                                                                                 |
| E 78812                                              | R051300C | 1998 | DEMERS  | TILL | 10   | 5707734 | 690539 Loose basal till                                                                                 |

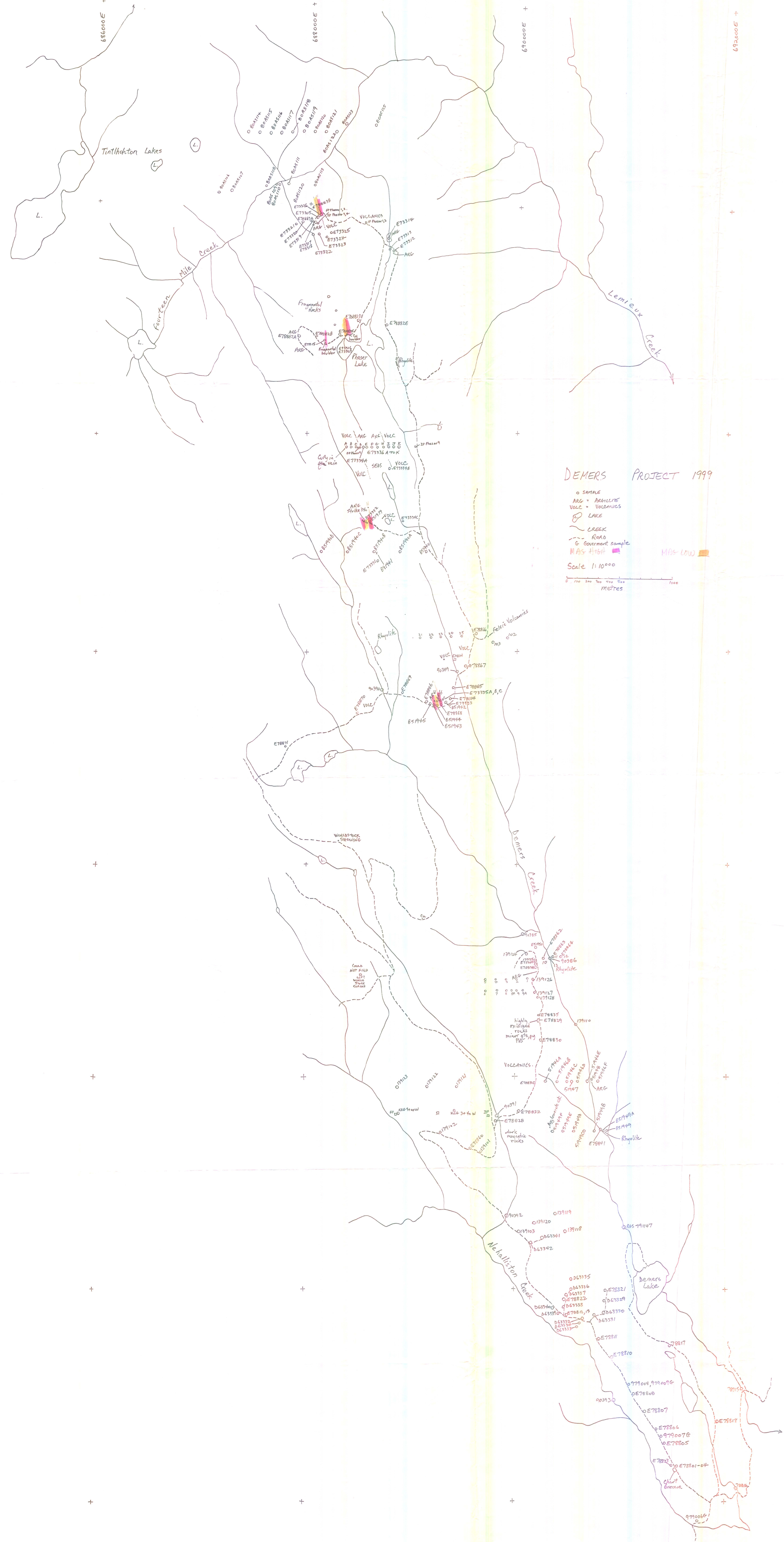
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|------------------------------------------------------|------------|------|---------|------|------|---------|--------|-------------------------------------------------------------------------------------------|
|                                                      | GPS        |      |         |      |      |         |        |                                                                                           |
| SAMPLE#                                              | FILENAME   | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   | LOCATION                                                                                  |
| E 78813                                              | R051301A,B | 1998 | DEMERS  | ROCK | 10   | 5707725 | 690538 | Float with heavy py = minor Cpy?                                                          |
| E 78814                                              | R051317A   | 1998 | DEMERS  | ROCK | 10   | 5705645 | 692112 | silic volcanics + hornblende? + augite phenos + 5 to 10% py                               |
| E 78815                                              | R051318A   | 1998 | DEMERS  | SILT | 10   | 5707044 | 692175 | About 3 meters above bridge on powerline road                                             |
| E 78816                                              | R051318C   | 1998 | DEMERS  | SILT | 10   | 5706070 | 691978 | Small stream on powerline road                                                            |
| E 78817                                              | R051318E   | 1998 | DEMERS  | TILL | 10   | 5707461 | 691509 | Just North of barn on Demers road - good basal till                                       |
| E 78818                                              | R051319A   | 1998 | DEMERS  | TILL | 10   | 5706840 | 691919 | Just South of small lake along road to Demers Lake                                        |
| E 78819                                              | R051319B   | 1998 | DEMERS  | TILL | 10   | 5706174 | 691689 | About 100 meters South of E 78801 - sandy till                                            |
| E 78820                                              | R051320A   | 1998 | DEMERS  | SILT | 10   | 5706517 | 691259 | Nehalliston Creek                                                                         |
| E 78821                                              | R051320B   | 1998 | DEMERS  | TILL | 10   | 5707967 | 690872 | Just North of IP Crazy 1 - good basal till - same lcn as 63307                            |
| E 78822                                              | R051321A   | 1998 | DEMERS  | ROCK | 10   | 5707880 | 690485 | About 100 meters up skid trail sulphide boulder                                           |
| E 78823                                              |            | 1998 | DEMERS  | ROCK | 10   | 5708275 | 691545 | North end of "Chert breccia" O/C - this is grey-green volcanic O/C                        |
| E 78828                                              |            | 1998 | DEMERS  | TILL | 10   | 5709589 | 689824 | 75 Meters East of new road junction                                                       |
| E 78829                                              | R070802A   | 1998 | DEMERS  | TILL | 10   | 5710552 | 690224 | Near IP FOX 9, 10 and about 10m South of "Oxide Zone"                                     |
| E 78830                                              | R070802B   | 1998 | DEMERS  | TILL | 10   | 5710346 | 690242 | 250 meters South of "Oxide Zone" along road                                               |
| E 78831                                              | R070803B   | 1998 | DEMERS  | TILL | 10   | 5709937 | 690190 | Approx 600 meters South of "Oxide Zone"                                                   |
| E 78832                                              | R070803C   | 1998 | DEMERS  | TILL | 10   | 5709672 | 690039 | Just East of logging on new road                                                          |
| E 78833                                              |            | 1998 | DEMERS  | ROCK | 10   | 5710530 | 690223 | "Oxide Zone" decomposed resembles red dirt - about 75 meters South of till E 78829        |
| E 78834                                              | R080119A   | 1998 | DEMERS  | ROCK | 10   | 5710530 | 690223 | Decomposed clay altered rock + qtz near E78833                                            |
| E 78835                                              | R080119C   | 1998 | DEMERS  | ROCK | 10   | 5710605 | 690226 |                                                                                           |
| E 78836                                              | R080121A   | 1998 | DEMERS  | ROCK | 10   | 5710530 | 690223 | OXIDE ZONE Silic rx with qtz + Py                                                         |
| E 78837                                              | R080122A   | 1998 | DEMERS  | ROCK | 10   | 5710535 | 690225 | TALC SERICITE SCHIST + QTZ CALCITE STRINGERS                                              |
| E 78838                                              | R080200B   | 1998 | DEMERS  | ROCK | 10   | 5711041 | 690185 | ARG? SHALE? STR 180 DIP VERT                                                              |
| E 78839                                              | R080121A   | 1998 | DEMERS  | ROCK | 10   | 5710530 | 690223 | OXIDE ZONE Hemlo style silic volcanics                                                    |
| E 78840                                              |            | 1998 | DEMERS  | ROCK | 10   | 5709515 | 690817 | 120m E of IP FOX11/12 on E side Cr. Rhyolite with qtz eyes                                |
| E 78841                                              |            | 1998 | DEMERS  | SILT | 10   | 5709502 | 690815 | About 100 meters East of IP FOX 11,12                                                     |
| E 78842                                              |            | 1998 | DEMERS  | SOIL | 10   | 5709477 | 690804 | On FOX 11 claim on West side of Demers Creek near rhyolite/sediment contact near E 78841  |
| E 78851                                              |            | 1999 | DEMERS  | ROCK | 10   | 5710530 | 690223 | OXIDE ZONE QTZ+CALCITE VEINS                                                              |
| E 78852                                              | R080119C   | 1999 | DEMERS  | ROCK | 10   | 5710605 | 690226 | SAME PLACE AS 78835 about 5 meters West of R080119C - appears to be bedrock               |
| E 78853                                              | R080121A   | 1999 | DEMERS  | ROCK | 10   | 5710530 | 690223 | SAME PLACE AS 78836 OXIDE SHOW QTZ, PY                                                    |
| E 78854                                              | R080122A   | 1999 | DEMERS  | ROCK | 10   | 5710535 | 690225 | SAME PLACE AS 78837 Rusty weathering talc sericite schist with some qtz-calcite stringers |
| E 78855                                              | R080200B   | 1999 | DEMERS  | ROCK | 10   | 5711041 | 690185 | SAME PLACE AS 78838 SHALE? ARGILLITE? Strike 180 Dip V                                    |
| E 78856                                              |            | 1999 | DEMERS  | ROCK | 10   | 5710530 | 690223 | SAME PLACE AS 78839 SILIC VOLC+PY Oxide showing                                           |
| E 78860                                              |            | 1999 | DEMERS  | ROCK | 10   | 5709325 | 689582 | Between switchbacks about 100 meters West of 139101 -float - bleached pyritized rock      |

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|------------------------------------------------------|----------|------|---------|------|------|---------|---------------------------------------------------------------------------|
|                                                      | GPS      |      |         |      |      |         |                                                                           |
| SAMPLE#                                              | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST                                                                      |
|                                                      |          |      |         |      |      |         | LOCATION                                                                  |
| E 78861                                              | Z070120E | 1999 | DEMERS  | ROCK | 10   | 5713494 | 689183 ARGILLITE O/C same location as sample E 73328                      |
| E 78862                                              |          | 1999 | DEMERS  | TILL | 10   | 5711110 | 690280 NEAR 10                                                            |
| E 78863                                              |          | 1999 | DEMERS  | TILL | 10   | 5711130 | 690349 NEAR 11                                                            |
| E 78864                                              |          | 1999 | DEMERS  | TILL | 10   | 5711128 | 690427 NEAR 12                                                            |
| E 78865                                              |          | 1999 | DEMERS  | TILL | 10   | 5712671 | 689745 NEAR 23                                                            |
| E 78866                                              |          | 1999 | DEMERS  | TILL | 10   | 5714159 | 689616 NEAR 101                                                           |
| E 78867                                              |          | 1999 | DEMERS  | TILL | 10   | 5713850 | 689520 NEAR 104                                                           |
| E 78868                                              |          | 1999 | DEMERS  | TILL | 10   | 5713489 | 689275 NEAR 106                                                           |
| E 78869                                              | Z070120F | 1999 | DEMERS  | TILL | 10   | 5713597 | 688902 NEAR 107                                                           |
| E 78870                                              | Z070121A | 1999 | DEMERS  | TILL | 10   | 5713389 | 688527 NEAR 109                                                           |
| E 78871                                              | Z070121B | 1999 | DEMERS  | TILL | 10   | 5713171 | 687882 NEAR 110                                                           |
| E 78882A                                             |          | 1999 | DEMERS  | TILL | 10   | 5716797 | 687915 MOST W POINT ON RD W OF PHASER L                                   |
| E 78882B                                             |          | 1999 | DEMERS  | TILL | 10   | 5716816 | 688083 About 200 meters East of E 78882A                                  |
| E 78882C                                             |          | 1999 | DEMERS  | TILL | 10   | 5716839 | 688324 About 200 meters East of E 78882B                                  |
| E 78882D                                             |          | 1999 | DEMERS  | TILL | 10   | 5716995 | 688480 About 300 meters East of E 78882C on West side of Creek            |
| E 78882E                                             | Z081020C | 1999 | DEMERS  | TILL | 10   | 5716917 | 688706 About 300 meters East of E 78882D on East side of Creek elev 1349m |
| E 78883A                                             | Z081020A | 1999 | DEMERS  | TILL | 10   | 5717872 | 688053 N OF PHASER L AT END OF RD elev 1291m                              |
| E 78883B                                             | Z081020B | 1999 | DEMERS  | TILL | 10   | 5717921 | 688120 50M N OF 78883A AT CONTACT elev 1288m                              |
| E 78884                                              | Z081020E | 1999 | DEMERS  | TILL | 10   | 5713551 | 689394 100M E OF 78888 elev 1285m                                         |
| E 78885                                              | Z081020F | 1999 | DEMERS  | TILL | 10   | 5713664 | 689390 200M E OF 78888 elev 1276m                                         |
| E 78886                                              | Z081021A | 1999 | DEMERS  | TILL | 10   | 5713534 | 689074 100M W OF 78888 elev 1289m                                         |
| 139101                                               |          | 1999 | DEMERS  | TILL | 10   | 5709300 | 689680 On main road between switchbacks                                   |
| 139102                                               |          | 1999 | DEMERS  | TILL | 10   | 5709475 | 689303 On main road between switchbacks                                   |
| 139103                                               |          | 1999 | DEMERS  | TILL | 10   | 5708523 | 690045 On main road about 200m below creek 90392                          |
| 139110                                               |          | 1999 | DEMERS  | SILT | 10   | 5710486 | 690575 On FOX 13 claim near North end on Demers Creek                     |
| 139112                                               |          | 1999 | DEMERS  | ROCK | 10   |         | Argillite North of CJ ground                                              |
| 139113                                               |          | 1999 | DEMERS  | ROCK | 10   |         | Sediments in road cut about 200 meters South of dead tree                 |
| 139114                                               |          | 1999 | DEMERS  | SILT | 10   | 570880  | 690970 On FOX 14 claim near North end on Demers Creek                     |
| 139115                                               |          | 1999 | DEMERS  | ROCK | 10   |         | Cherty black sediments with disseminated Py - float in Demers Creek       |
| 139116                                               |          | 1999 | DEMERS  | ROCK | 10   |         | Below rhyolite - sediments with calcite veining                           |
| 139118                                               |          | 1999 | DEMERS  |      | 10   | 5708545 | 690490 NE of D63342                                                       |
| 139119                                               |          | 1999 | DEMERS  |      | 10   | 5708718 | 690395 NE of D63342                                                       |
| 139120                                               |          | 1999 | DEMERS  |      | 10   | 5708627 | 690190 NE of D63342                                                       |

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|                                                      | GPS      |      |         |      |      |         |        |
| SAMPLE#                                              | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   |
|                                                      |          |      |         |      |      |         |        |
| 139121                                               |          | 1999 | DEMERS  |      | 10   | 5709920 | 689450 |
| 139122                                               |          | 1999 | DEMERS  |      | 10   | 5709920 | 689175 |
| 139123                                               |          | 1999 | DEMERS  |      | 10   | 5709920 | 688890 |
| 139124                                               |          | 1999 | DEMERS  |      | 10   | 5711162 | 690110 |
| 139125                                               | Z063023A | 1999 | DEMERS  | TILL | 10   | 5711103 | 690212 |
| 139126                                               |          | 1999 | DEMERS  | TILL | 10   | 5710920 | 690165 |
| 139127                                               | Z063023B | 1999 | DEMERS  | TILL | 10   | 5710795 | 690193 |
| 139128                                               | Z063023B | 1999 | DEMERS  | TILL | 10   | 5710795 | 690193 |
| KEG340W                                              |          | 1999 | DEMERS  | TILL | 10   | 5709700 | 689430 |
| KEG900W                                              |          | 1999 | DEMERS  | TILL | 10   | 5709700 | 688900 |
| MISC GPS READINGS and COMMENTS                       |          |      |         |      |      |         |        |
|                                                      |          |      |         |      |      |         |        |
|                                                      | Z080820A | 1999 | DEMERS  |      | 10   | 5713927 | 689533 |
|                                                      | Z081020D | 1999 | DEMERS  |      | 10   | 5716591 | 688823 |
|                                                      | Z081020X | 1999 | DEMERS  |      | 10   | 5716791 | 688807 |
|                                                      | R102316A | 1999 | DEMERS  |      | 10   | 5713465 | 689276 |
|                                                      | R102318A | 1999 | DEMERS  |      | 10   | 5713948 | 689388 |
|                                                      | R102318X | 1999 | DEMERS  |      | 10   | 5713948 | 689288 |
|                                                      | R102319A | 1999 | DEMERS  |      | 10   | 5714140 | 689016 |
|                                                      | R102319B | 1999 | DEMERS  |      | 10   | 5714367 | 688936 |
|                                                      | R100923X | 1999 | DEMERS  |      | 10   | 5715254 | 688733 |
|                                                      | R100923A | 1999 | DEMERS  |      | 10   | 5715254 | 688583 |
|                                                      | R102320B | 1999 | DEMERS  |      | 10   | 5714884 | 688783 |
|                                                      | R102321A | 1999 | DEMERS  |      | 10   | 5714854 | 688752 |
|                                                      | R102400A | 1999 | DEMERS  |      | 10   | 5717035 | 688282 |
|                                                      | R102418A | 1999 | DEMERS  |      | 10   | 5716917 | 688251 |
|                                                      | R102419A | 1999 | DEMERS  |      | 10   | 5717164 | 688186 |
|                                                      | R102420A | 1999 | DEMERS  |      | 10   | 5717825 | 688048 |
|                                                      | R102421A | 1999 | DEMERS  |      | 10   | 5717817 | 688530 |
|                                                      | R102421B | 1999 | DEMERS  |      | 10   | 5716826 | 688386 |
|                                                      | R102421C | 1999 | DEMERS  |      | 10   | 5716743 | 688170 |
|                                                      | R102423A | 1999 | DEMERS  |      | 10   | 5715884 | 688612 |

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|                                                      | GPS      |      |         |      |      |         |        |
| SAMPLE#                                              | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   |
|                                                      |          |      |         |      |      |         |        |
|                                                      | R102500B | 1999 | DEMERS  |      | 10   | 5715092 | 688951 |
|                                                      | R102520A | 1999 | DEMERS  |      | 10   | 5713530 | 689182 |
|                                                      | R102522A | 1999 | DEMERS  |      | 10   | 5715887 | 689040 |
|                                                      | R102522B | 1999 | DEMERS  |      | 10   | 5715888 | 688541 |
|                                                      | R102522C | 1999 | DEMERS  |      | 10   | 5715888 | 688526 |
|                                                      | R102523A | 1999 | DEMERS  |      | 10   | 5714958 | 688980 |
|                                                      | Z070119B | 1999 | DEMERS  | ROCK | 10   | 5714137 | 689886 |
|                                                      | Z070120D | 1999 | DEMERS  | ROCK | 10   | 5713486 | 689281 |
|                                                      | Z080818A | 1999 | DEMERS  |      | 10   | 5710937 | 688668 |
|                                                      | Z080818B | 1999 | DEMERS  |      | 10   | 5711175 | 688536 |
|                                                      | Z080819A | 1999 | DEMERS  |      | 10   | 5710954 | 688536 |
|                                                      | Z080819B | 1999 | DEMERS  |      | 10   | 5711264 | 688531 |
|                                                      | Z080820A | 1999 | DEMERS  |      | 10   | 5713927 | 689533 |
|                                                      | Z080820B | 1999 | DEMERS  |      | 10   | 5714476 | 689434 |
|                                                      | Z080820C | 1999 | DEMERS  |      | 10   | 5714942 | 689174 |
|                                                      |          | 1998 | DEMERS  |      | 10   | 5709480 | 689925 |
|                                                      | R080102A | 1998 | DEMERS  |      | 10   | 5712221 | 688306 |
|                                                      | R080200A | 1998 | DEMERS  |      | 10   | 5711080 | 690182 |
|                                                      | R080200B | 1998 | DEMERS  |      | 10   | 5711041 | 690185 |
|                                                      | R080203A | 1998 | DEMERS  |      | 10   | 5711527 | 689105 |
|                                                      | R080203B | 1998 | DEMERS  |      | 10   | 5711944 | 689239 |
|                                                      | R080220A | 1998 | DEMERS  |      | 10   | 5709513 | 690697 |
|                                                      |          | 1998 | DEMERS  |      | 10   | 5709513 | 691007 |
|                                                      |          | 1998 | DEMERS  |      | 10   | 5709513 | 691097 |
|                                                      | R080222A | 1998 | DEMERS  |      | 10   | 5709599 | 691211 |
|                                                      | R080223B | 1998 | DEMERS  |      | 10   | 5710025 | 691101 |
|                                                      | Z063021B | 1999 | DEMERS  |      | 10   | 5711268 | 689862 |
|                                                      | Z070122A | 1999 | DEMERS  |      | 10   | 5712672 | 689056 |
|                                                      | Z063019A | 1999 | DEMERS  |      | 10   | 5710999 | 689989 |
|                                                      | R100921A | 1999 | DEMERS  |      | 10   | 5715269 | 688449 |
|                                                      | R041819A | 1998 | DEMERS  |      | 10   | 5704769 | 691365 |
|                                                      | R041821A | 1998 | DEMERS  |      | 10   | 5707786 | 690421 |
|                                                      | R041822A | 1998 | DEMERS  |      | 10   | 5707643 | 690817 |

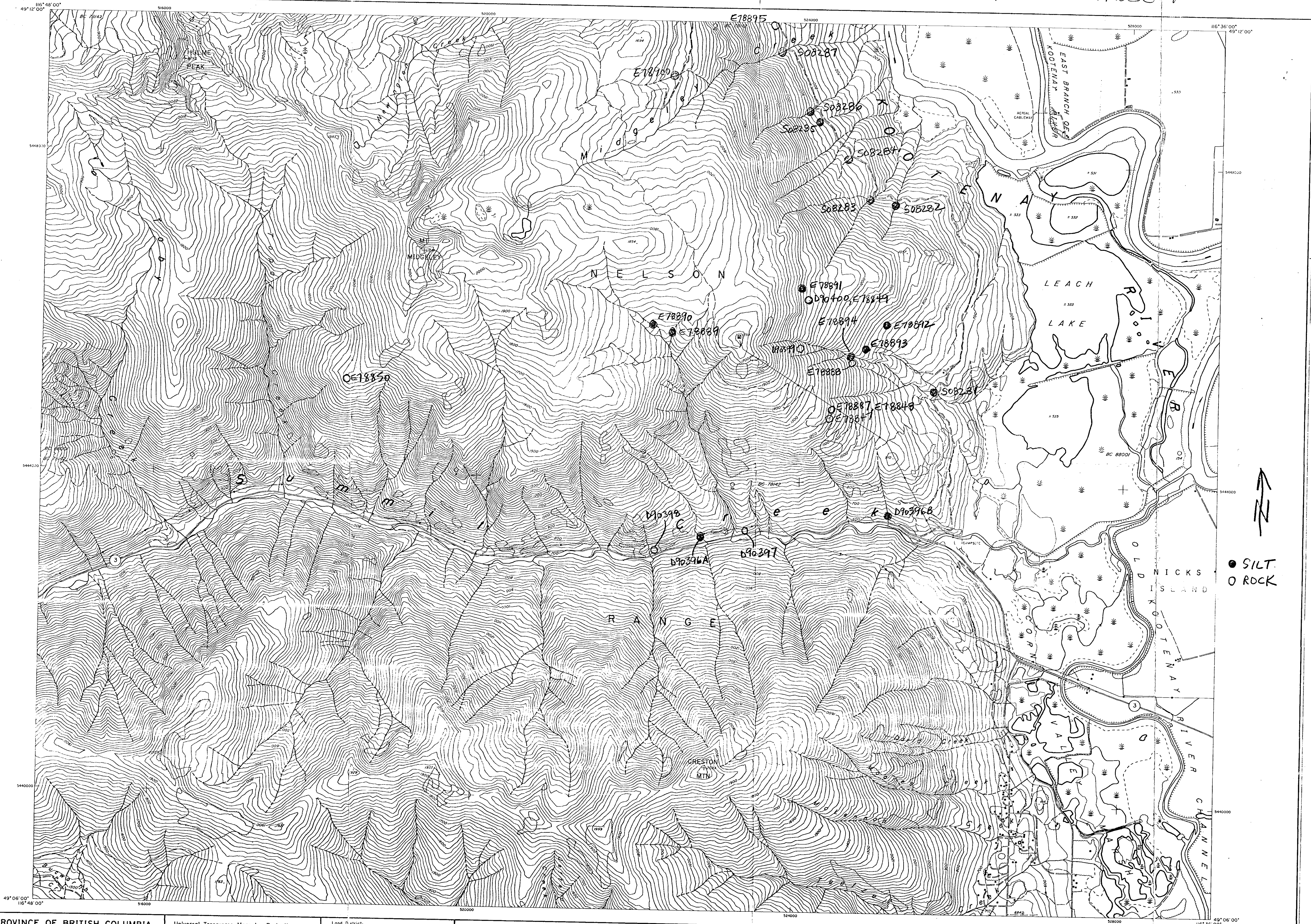
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|         | GPS      |      |         |      |      |         |        |                                                                  |
| SAMPLE# | FILENAME | DATE | PROJECT | TYPE | ZONE | NORTH   | EAST   | LOCATION                                                         |
|         |          |      |         |      |      |         |        |                                                                  |
|         | R041822B | 1998 | DEMERS  |      | 10   | 5708007 | 890540 | FP CRAZY 9                                                       |
|         | R041823G | 1998 | DEMERS  |      | 10   | 5708279 | 891550 | Chert Breccia on West side of Nehalliston main road              |
|         | R102523A | 1999 | DEMERS  |      | 10   | 5715887 | 888384 | Quartz vein(s) with minor malachite, Cpy - appears to be outcrop |



DEMERS PROJECT 1999

- SAMPLE
- ARG = ARGILLITE
- VOLC = VOLCANICS
- LAKE
- CREEK
- ROAD
- GOVERNMENT SAMPLE
- MAG HIGH
- MAG LOW
- Scale 1:10,000
- 0 100 200 300 400 500 600 700 800 900 1000 METRES

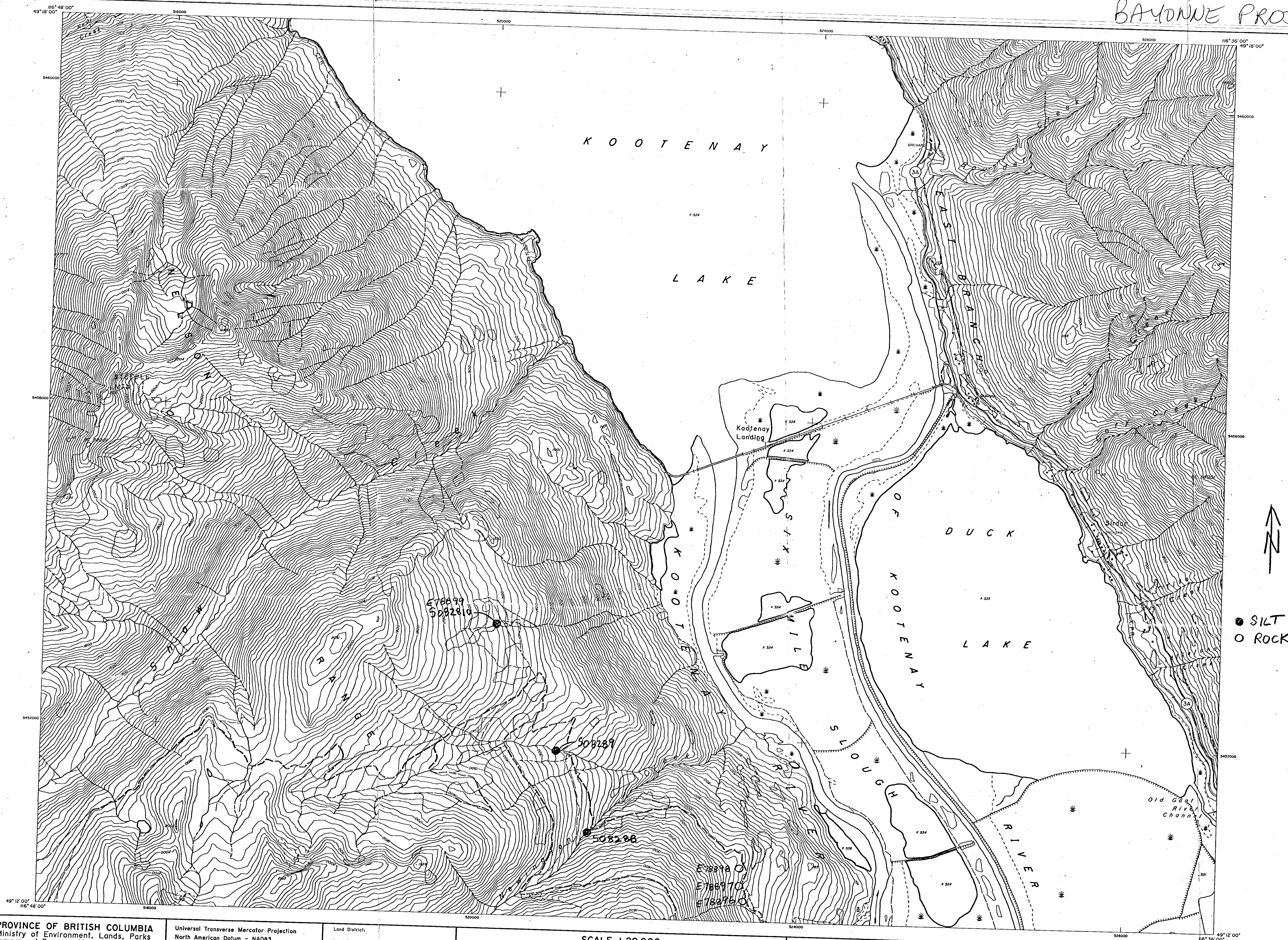
BAYONNE PROJECT



● SILT  
○ ROCK



# BAYONNE PROJECT



99-38 (4)