

**SILT SAMPLING**

**ON**

*Event # 4092227*

**DOUBLE LOON**

**PROPERTY**

**CORBETT LAKE AREA**

**NICOLA MINING DIVISION, BRITISH COLUMBIA**

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PROPERTY LOCATION: Mineral tenure 530402 is locate along the eastern shore of Corbett Lake  
and northeast of Courtney Lake

50° 1' 22"N  
120° 37'W  
M092I007 and M092I008

WRITTEN BY : GERRY DIAKOW  
1537 54<sup>th</sup> Street  
Delta, B.C. V4M 3H6

October 29, 2006

**GEOLOGICAL SURVEY BRANCH**  
**ASSESSMENT REPORT**

**28,597**

**RECEIVED**  
NOV 01 2006  
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## **Summary**

The Mineral claim 530402 was silt sampled on July 6 to July 9, 2004. The sampler was Larry Sharp working under the direction of Gerry Diakow. Sixty silt samples were collected and sent to ACME Analytical Laboratories for copper analysis. The samples were assayed using a 0.50 gram split of the silt leached with 3 ml 2-2-2 HCL- HNO3 -H2O at 95 Deg. For one hour, diluted to 10ml, and analysed by ICP-ES. The Quilchena Cattle Co. gave a letter of permission and a gate key that allowed us to enter the claim area by vehicle.

## **Conclusion**

1. The silt sampling results show two anomalous zones (a) and (b)  
Zone (a) contains samples 13, 17, 18, and 19 and is located at the southwest part of the survey.  
Zone (b) contains samples 27, 32, 38, and 48 and is located at the northeast portion of the survey.
2. The Loon claims are along strike and have similar geology to the adjacent Porcupine showing. The "Porcupine showing" has drill indicated reserves reported as 125,179 tonnes grading 2.0 per cent copper and inferred reserves as 453,550 tonnes grading 1.0 per cent copper (Northern Miner 1967, 1969).
3. A 1999 soil sampling program indicated anomalous gold values associated with volcanic breccia and possibly along the fault extension from the "Porcupine" showing.

### **Recommendations**

Follow up the silt sample anomalies with geological mapping of these zones. Consider trenching these zones if no outcrop is exposed.

### **Introduction**

This report discusses the silt sampling program carried out over mineral tenure claim 530402. Claim 530402 covers the same ground that had been the Loon claims under the two post claim system.

The above claim was thoroughly silt sampled. The results of the sampling are submitted and the locations mapped on the accompanying maps.

**Figure 1 Location of Claim 530402**

**Figure 2 Map of Silt Sample Locations**

**Figure 3 Map Showing Copper Values in PPM,s**

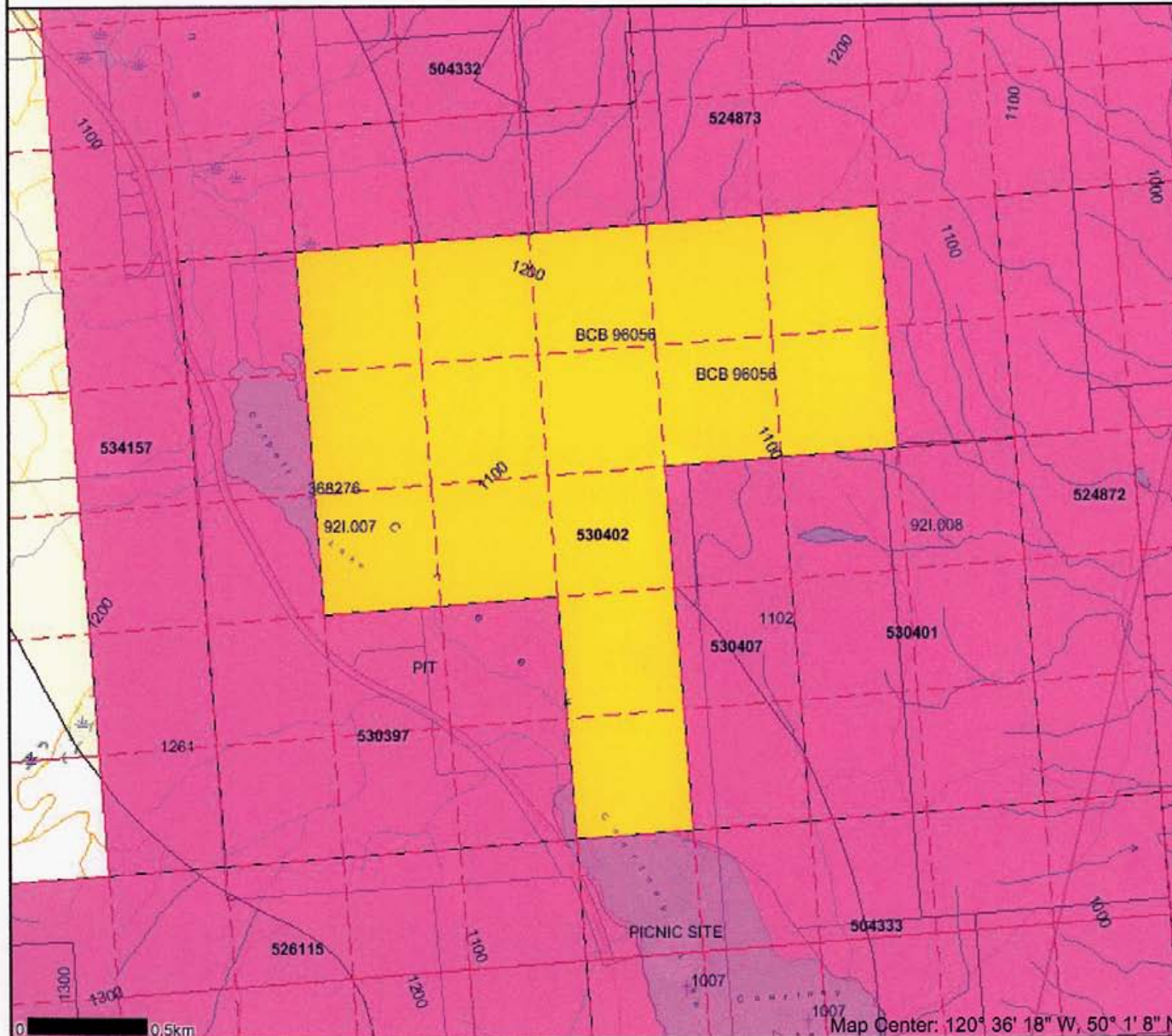
**Figure 4 Map Showing Silt Sample Anomalies**

Double Loon  
Mineral Claim 530402

Fig. 1

Map created Wed Nov 01 07:51:01 PST 2006

Legend



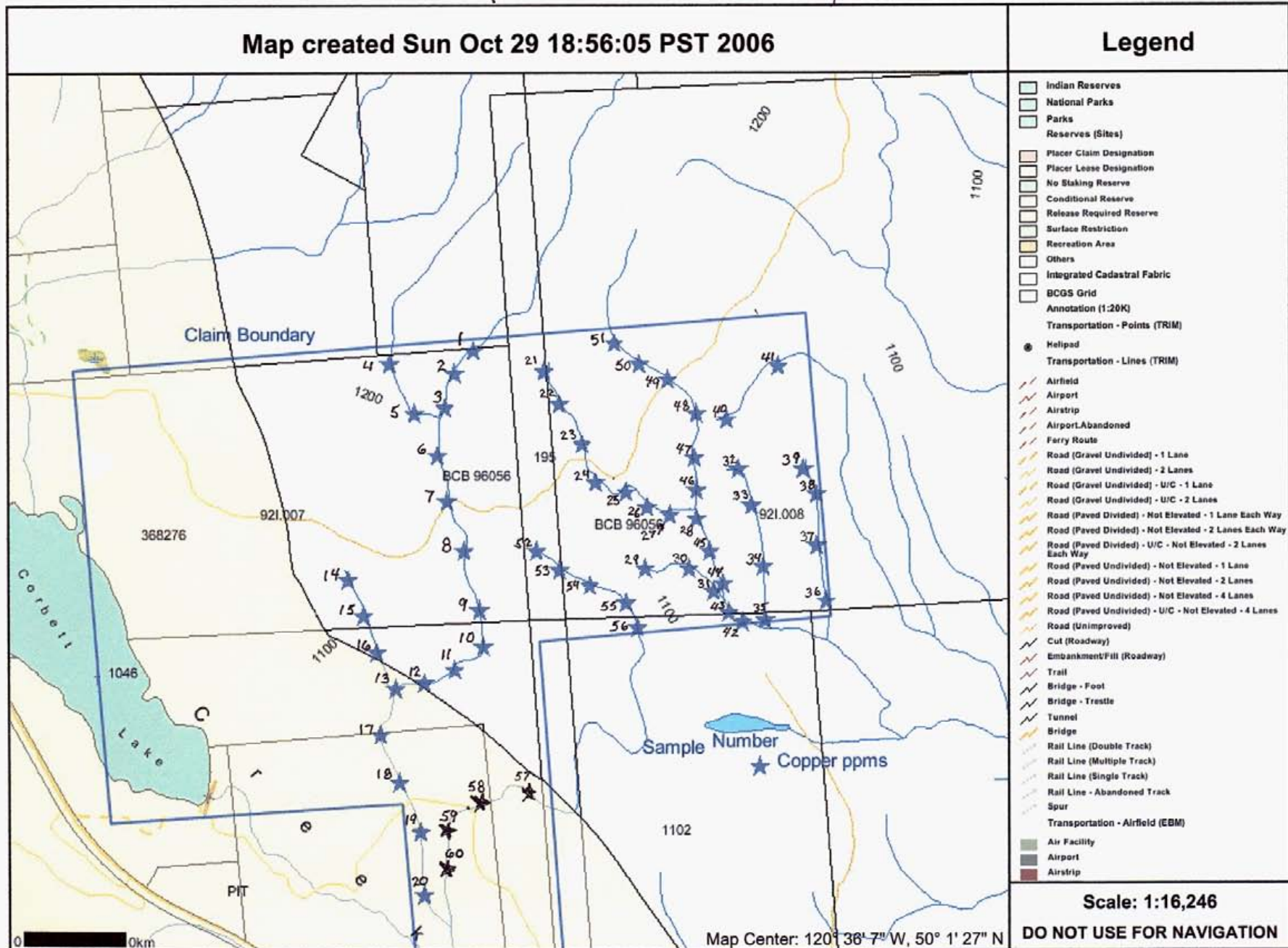
- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid
- Mineral Tenures
- Reserves (Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Integrated Cadastral Fabric
- BCOS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Areas of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport/Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane
- Road (Gravel Undivided) - U/C - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - U/C - Not Elevated - 2 Lanes Each Way
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road (Paved Undivided) - Not Elevated - 4 Lanes
- Road (Paved Undivided) - U/C - Not Elevated - 4 Lanes
- Road (Unimproved)
- Cut (Roadway)
- Embankment/Fill (Roadway)
- Trail
- Bridge - Foot
- Bridge - Trestle
- Tunnel
- Bridge
- Rail Line (Double Track)
- Rail Line (Multiple Track)

Scale: 1:23,855

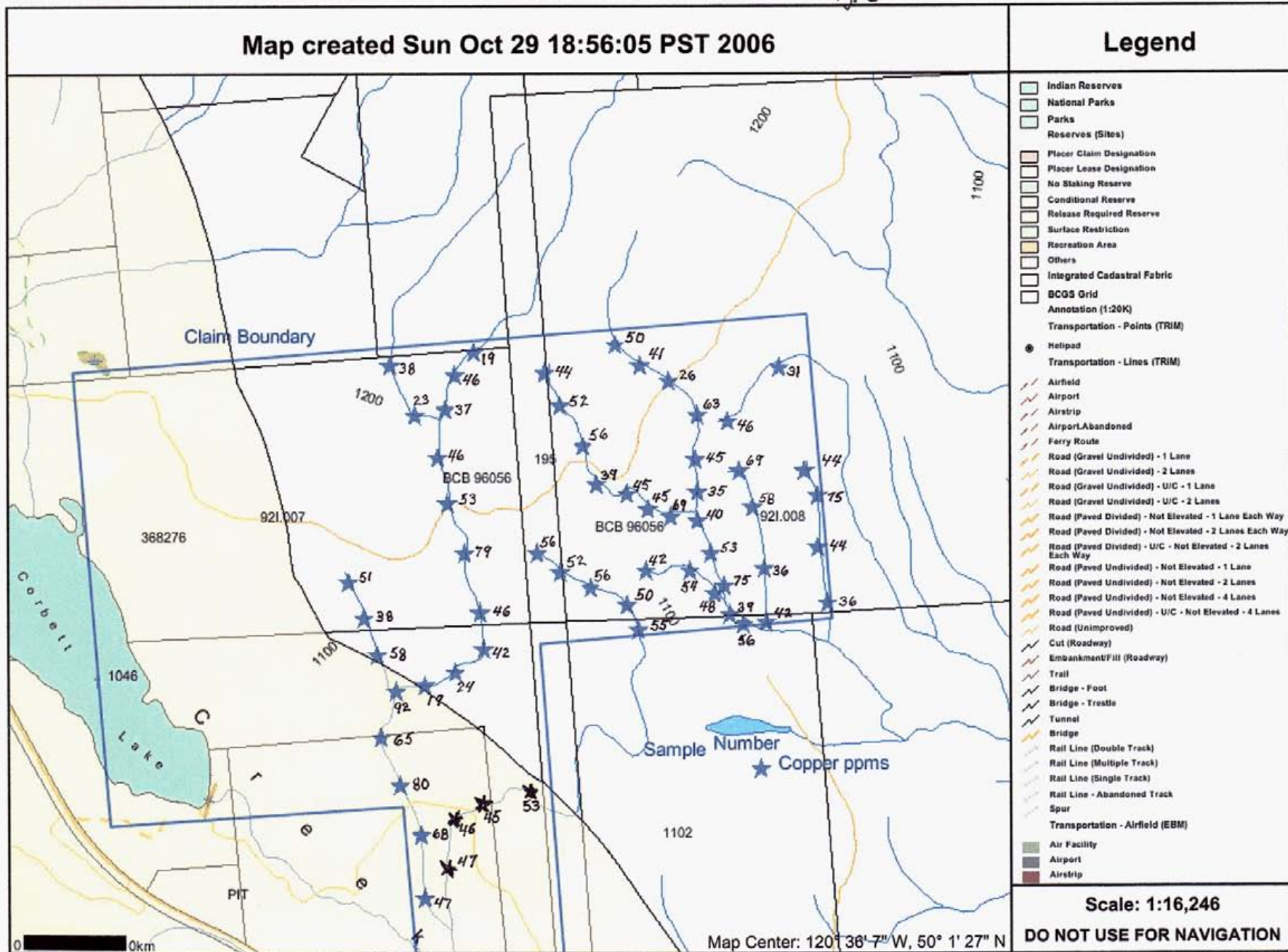
DO NOT USE FOR NAVIGATION

# Double Loon Silt Sample Locations

Fig. 2

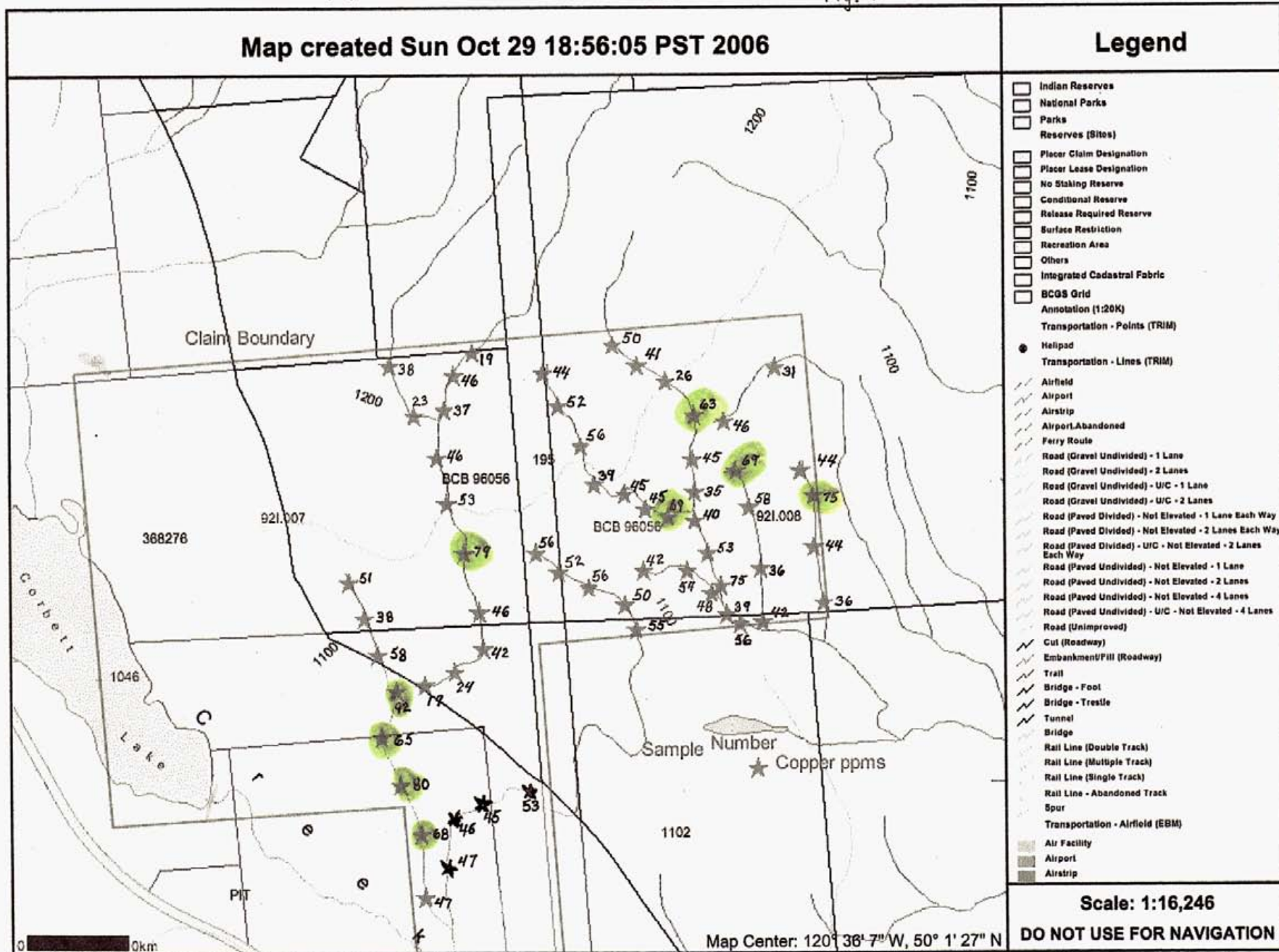


Double Loon  
Copper Values in PPM's Fig. 3



# Double Loon Copper Values in PPM's

Fig. 4





### **Physiography**

The claim area has rolling, upland pasture with small stands of poplar, fir and pine.

The altitudes go from about 3,500 feet at Corbett Lake to 4,100 feet at the shaft on the "Porcupine showing " and slightly higher towards the north.

The Nicola Lake area lies in the intermontane belt and is part of the Quesnel Terrain. It is underlain primarily by the late Triassic arc volcanic rocks and volcanogenic sedimentary facies of the Nicola Group.

Mount Nicola which lies 2 miles north northwest of the Loon/Fox claims consists of an assemblage of red brown, plagioclase basaltic flows and associated breccias, (Preto 1979). The Nicola Group rocks have been intruded by Triassic -Jurassic plutons and the Nicola rocks are overlain unconformably by clastic sedimentary and volcanic rocks ranging in age from Jurassic to Tertiary that are less altered but rotated to steep altitudes on mainly extensional faults (Monger and McMillian 1989)

**STATEMENT OF QUALIFICATION STEPHEN G. DIAKOW**

1. I attended Vancouver City College and the University of British Columbia completing courses leading to a B.Sc in chemistry.
2. Studied Civil and Structural Engineering at British Columbia Institute of Technology.
3. I have worked in Mineral Exploration for the past 37 years . Including the major companies Union Carbide Mining Exploration, Canadian Superior Mining Exploration and Anaconda Mining Exploration.
4. I have received 3 British Columbia prospector assistance grants, the first from Dr. Grove in 1975 and last in 1998.

AFFIDAVIT OF EXPENSES

Silt sampling of claim was carried out within the Mineral Claim 530402 from July 6 to July 9, 2006. Work was carried out on the claim located near Corbett Lake within the Nicola Mining Division, British Columbia, to the value of the following:

Mob/Demob:

Wages 1 man, 1/2 day @ \$300/day \$150.00

Field:

1 man, 3 days @ \$300/day \$900.00

Room & board, 3 man days @ \$120 man/day \$360.00

Truck & fuel, 3 days @ \$125/day \$375.00

Total \$1785.00

Laboratory

Sample preparation and testing of:

60 samples @ \$6.47 \$387.96

Report \$300.00

**Grand total: \$2472.96**

Respectfully submitted ,



Gerry Diakow



GEOCHEMICAL ANALYSIS CERTIFICATE



Diakow, Gerald File # A603745 Page 1  
1537 - 54th St., Delta BC V4M 3H6 Submitted by: Gerald Diakow

SAMPLE#	Cu ppm
G-1	1
1	19
2	46
3	37
4	38
5	23
6	46
7	53
8	79
RE 8	73
9	46
10	42
11	24
12	19
13	92
14	51
15	38
16	58
17	65
18	80
19	68
20	47
21	44
22	52
23	56
24	39
25	45
26	45
27	69
28	40
29	42
30	54
31	48
32	69
33	58
STANDARD DS7	92

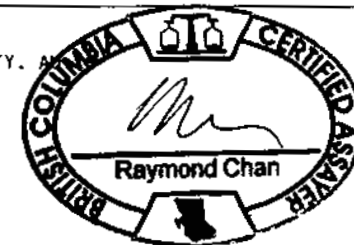
GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
SUBJECT TO INTERFERENCES AND NUGGET EFFECTS.

- SAMPLE TYPE: Soil SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA \_\_\_\_\_

DATE RECEIVED: JUL 17 2006

DATE REPORT MAILED: 2006-07-31 10:17



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



SAMPLE#	Cu ppm
G-1	2
34	36
35	42
36	36
37	44
38	75
39	44
40	46
41	31
42	56
43	39
44	75
45	53
46	35
47	45
48	63
49	26
50	41
51	50
52	56
53	52
54	56
55	50
RE 55	51
56	55
57	53
58	45
59	46
60	47
STANDARD DS7	91

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