# BC Geological Survey Assessment Report 31490



# **Geochemical Assessment Report**

The Le Baron Project / Doe Lake Vancouver Island, British Columbia

Victoria Mining Division NTS: 092C070, 092C080 124 degrees - 8' - 38" west x 48 degrees - 40' - 31" north



L.I.# VANCOUVER, B.C.



Owners / Operators: Scott & Shelly Phillips Bob & Betty Morris Le Baron Prospecting 16977 Tsonaquay Dr Port Renfrew BC V0S-1K0

Author: Scott Phillips / Le Baron Prospecting

2009



Ministry of Energy, Mines & Petroleum Resources Mining & Minerals Division BC Geological Survey MINERAL TITLES BRANCH
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L.I.#
VANCOUVER, D.C.



TYPE OF REPORT [type of survey(s)]: Geochemical Assessment Report TOTAL COST: \$14,080.00 SIGNATURE(S): AUTHOR(S): Le Baron Prospecting - Scott Phillips NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2009 STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event #4362709 **PROPERTY NAME:** Doe Lake Project CLAIM NAME(S) (on which the work was done): tenures # 519621, 519796, 520826, 520827, 520828 COMMODITIES SOUGHT: Cu MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092C012 - Red Dog - prospect MINING DIVISION: Victoria NTS/BCGS: M-092C070 - 080 LONGITUDE: 48 LATITUDE: **'**38 40 124 (at centre of work) OWNER(S): 1) Scott Phillips 2) Robert Morris Shelly Phillips **Betty Morris** MAILING ADDRESS: 9298 Chestnut Rd Chemainus BC V0R-1K5 3006 Mt. Sicker Rd Chemainus BC V0R-1K5 OPERATOR(S) [who paid for the work]: 1) Scott Phillips **MAILING ADDRESS:** 9298 Chestnut Rd Chemainus BC V0R-1K5 PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude): Wrangella, Late Triassic to early Triassic, Bonanza Group, West Coast Crystalline Complex, Island Intrusions, also heavily covered by the Quatsinio Limestones and the Parsons Bay Limestone Formations. This has been identified in the Minfile Archives as Red Dog - 092C012 - it is listed as a prospect. The mineralization has been identified as Cu, Au, Ag, Fe, Co, Ni

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 28668, 29543, 30643

| TYPE OF WORK IN THIS REPORT                    | EXTENT OF WORK (IN METRIC UNITS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ON WHICH CLAIMS                       | PROJECT COSTS APPORTIONED (incl. support) |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------|
| GEOLOGICAL (scale, area)                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Ground, mapping                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 519621, 519796, 520826,               |                                           |
| Photo Interpretation 30 photos                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 520827, 520828                        |                                           |
| GEOPHYSICAL (line-kilometres) Ground           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Magnetic                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Electromagnetic                                | and the second s |                                       | ***************************************   |
| Induced Polarization                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Padiometric                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
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| Airhoma                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| GEOCHEMICAL (number of samples analysed for)   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Soil                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| QIII                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Rock 25 samples analyized                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | VA010013207                           |                                           |
| Other                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| DRILLING (total metres; number of holes, size) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Core                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Non-core                                       | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                                           |
| RELATED TECHNICAL                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Sampling/assaying 142 rock c                   | hip samples obtained                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8 - 5 gallon buckets of moss - panned |                                           |
| Petrographic                                   | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1241 grams of concentrates obtained   |                                           |
| Mineralographic                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Metallurgic                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| PROSPECTING (scale, area)                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| PREPARATORY / PHYSICAL                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Line/grid (kilometres)                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Topographic/Photogrammetric (scale, area)      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Legal surveys (scale, area)                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
| Road, local access (kilometres)/t              | rall 4322 m GPS - roadsid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | e 455 m GPS - stream sampling         |                                           |
| Trench (metres)                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
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| Other                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |
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|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |



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#### **Summary**

This exploration program on the Doe Lake Property was conducted by Le Baron Prospecting and its associated partners commencing May 30<sup>th</sup> 2009 and ending July 23<sup>rd</sup> 2009. Although more exploration was conducted outside of these dates, the time accumulated was sufficient for the required assessment of the tenures. This report is based upon the field work of Le Baron Prospecting, its partners, and field labor.

This is the "fourth pass" over these tenures. The basis for this exploration is to expand the area of interest over the known copper skarn exposure and to follow up on targets identified in prior exploration. Geochemical analysis was conducted of rock chip samples obtained and the results are included in this report.

The Doe Lake Mineral Project is part of the vast West Coast Crystalline Intrusion. The Le Baron / Doe Lake mineral tenure is a continuation of a historic intrusion of vast size and depth. Recent drilling and aeromagnetic mapping by Pacific Iron Ore in the immediate area of their tenure block known as the Pearson Block, has resulted in significant results which are pending in assessment reports. It is rumored to be a body of high grade mineralization which is of significant economic potential for British Columbia.

The data collected by Le Baron Prospecting of its Doe Lake tenures, shows a high concentration of Cu, Fe, Ca, and other mineralization over a vast area in size, and possible depth.

Geochemical analysis of rock chip samples obtained infield this season specifically targeted copper and some of the samples obtained were very impressive with one sample in excess of 5% copper. With recent road construction and logging in some areas of the tenure has exposed some nice bedrock which was sampled and results are included.

The results of past exploration programs of these tenures has warranted a study and sampling of the structure of this tenure, drilling is a future requirement to see the depth of this copper skarn mineralization. No known or documented drilling can be found, though a detailed line magnetic study can be found within the Minfile data base, report #16,184 conducted by Beau Pre Explorations in 1987.

Le Baron Prospecting is very pleased with the results of this and prior exploration programs it has conducted over this area. With future financial assistance a drilling program may be warranted for the Doe Lake Project.



#### **Tenure Ownership**

The Doe Lake Project is jointly owned by the following prospectors;

#### Owners:

| 118959 MORRIS, ROBERT HENRY                | 25.0% |
|--------------------------------------------|-------|
| 146608 MORRIS, BETTY JEAN                  | 25.0% |
| 145828 PHILLIPS, SHELLY MAY                | 25.0% |
| 145817 PHILLIPS, SCOTT LE BARRON DEGOURLAY | 25.0% |

The completed assessment work is applied to the following tenures.

| Tenure | Claim name   | Мар     | Issue        | Good to date | Status | Area   |
|--------|--------------|---------|--------------|--------------|--------|--------|
| 519621 | Le Baron 13  | 092C070 | 2005/Sept/01 | 2010/Oct/05  | Good   | 127 ha |
| 519796 | Le Baron 420 |         | 2005/Sept/01 | 2010/Oct/05  | Good   | 341 ha |
| 520826 | Le Baron 420 |         | 2005/Oct/05  | 2010/Oct/05  | Good   | 511 ha |
| 520827 | Le Baron 420 |         | 2005/Oct/05  | 2010/Oct/05  | Good   | 447 ha |
| 520828 | Le Baron 420 |         | 2005/Oct/05  | 2010/Oct/05  | Good   | 255 ha |
| Í      |              |         |              |              |        |        |

### **Adjacent Mineral Projects**

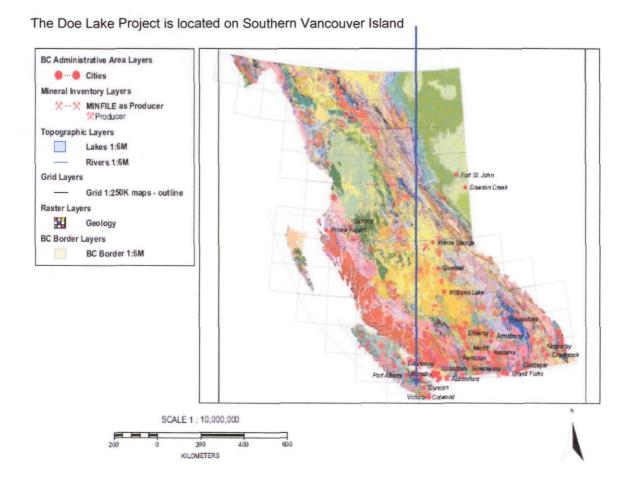
The entire Doe Lake Project is surrounded by the competing company Pacific Iron Ore from Kenora, Ontario. This massive continuous block of mineral tenures is known as the Pearson Project. Le Baron Prospecting also holds mineral rights to a multitude of strategically placed mineral tenures within the Person Project.

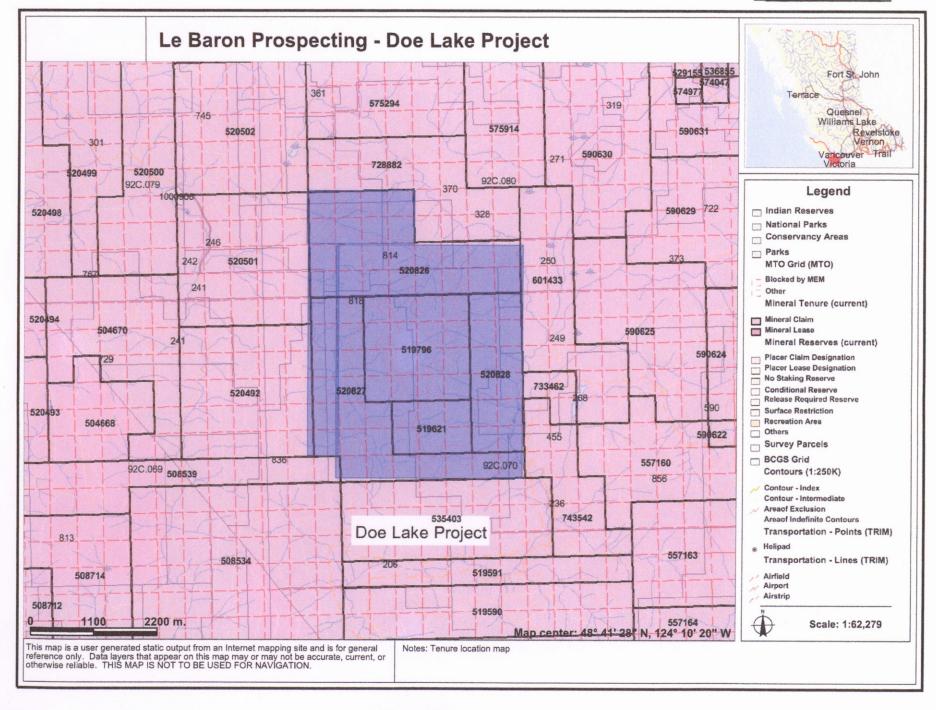
Pacific Iron Ore is focused on proving their Bugaboo Project as well as other identified mineral prospects in the Port Renfrew area.



#### **Property Location and Description**

The Le Baron / Doe Lake mineral tenure is located within the Victoria Mining Division, 20 km southwest of the town of Mesachie Lake, BC. The mineral tenure is located on the western slopes of the Lens Creek at an elevation of 1500 – 2000+ feet ASL. The some of the property was logged in 1948 – 1968. Prior to 1948, the lower portions of the tenure were logged by hand, several old rail grades can be found skirting the mountain. Then again recent helicopter logging took place in 2006. Access is by a logging road, TR # 8. The majority of the logging roads are drivable, but over grown somewhat. A quad was used for most of this prospecting season to access the tenures spur roads. A few of the original roads have been put to bed, or made natural. Logging in the northern portion of this tenure has created new mineral exposures along roads.

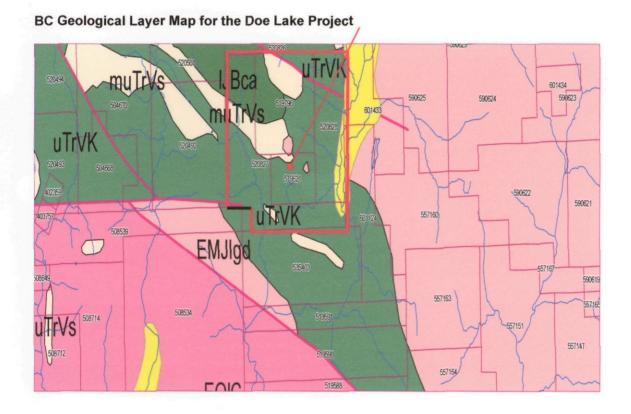






### **Regional Geology**

The area south of Lake Cowichan between the San Juan Valley and the Cowichan Valley is underlain by the rock from the Late Triassic Vancouver Group and the Early to Middle Jurassic Bonanza Group and the West coast Crystalline Complex and also Island Intrusions. These rocks form the back bone of the Wrangellia Terrane. The area is also covered heavily by the Quatsino Limestone, and the Parson's Bay Limestone.





### Regional Geology - continued

**Upper Cretaceous** 

Nanaimo Group

uKN undivided sedimentary rocks

Early Jurassic to Middle Jurassic

Island Plutonic Suite

EMJIgd granodioritic intrusive rocks

Lower Jurassic

Bonanza Group

IJBca calc-alkaline volcanic rocks

Middle Triassic to Upper Triassic

Vancouver Group

uTrVK Karmutsen Formation: basaltic volcanic rocks

muTrVs undivided sedimentary rocks

Middle Devonian to Upper Devonian

Sicker Group

uDSiN Nitinat Formation: calc-alkaline volcanic rocks

uDSiM

Mclaughlin Ridge Formation: volcaniclastic rocks

Paleozoic to Jurassic

Westcoast Crystalline Complex

PzJWg intrusive rocks, undivided



### **Tenure Geology – continued**

This tenure for the most part is divided into three distinct geological features. (See BC Geological Layer Map)

The first known geological feature previously identified as a classic skarn deposit. These types of deposits form at the contact between an intrusive rock and a carbonate rock or a clastic sediment rich in carbonate. These are zones with irregular shape, and have a mineral composition of calcium, and iron silicates. Skarns may contain gold, silver, and iron, but are particularly important because they may host sizable copper deposits.

The second identified geological deposit is the known limestone over the tenure is of economic importance as well, the Limestone can be used as crushed rock, garden stone, and many more uses as well.

The Limestone is only a "pendant" though to the contact metamorphic zone.

The third identifiable geological feature is the Basaltic flows / pillowing can be found throughout this tenure, suggesting to the author and reader that this structure is strata-bound, and very similar to the economic copper deposit of the Doe Lake Property directly to the north.



#### **Author**

- Scott Phillips [FMC # 145817]
- Owner of Le Baron Prospecting, Port Renfrew BC.
- Many years experience prospecting the Port Renfrew area.
- Member in good standing with VIPMA. [Vancouver Island Placer Miners Assn].
- Member of VIX [Vancouver Island Exploration Group]
- Owns several mineral and placer tenures within the Port Renfrew Area.
- Author of many prospecting reports accepted within the Ministry standards.
- Is presently studying the formation of Wrangell, West Coast Crystalline Complex and the Leech River Complex.

| Author | Date | 02-04-2010 |
|--------|------|------------|
|        |      |            |

#### **Author Disclaimer**

- I, Scott Phillips have a valued interest (25 % ownership) in the tenure that is mentioned in this report.
- I consent to the use of the material within this prospecting report to further enhance the exploration and development of the subject tenure(s).
- This report is correct in the information within and any use of this information to a second or third party is the responsibilities of those parties.



| Statement of Costs                                                                                                                                                                                                                                                                                                                                      | Fort Reillew, Do |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Dates: May 30 <sup>th</sup> , 31 <sup>st</sup> , June 1 <sup>st</sup> = 16 hours June 20 <sup>th</sup> , 21 <sup>st</sup> = 24 hours June 27 <sup>th</sup> , 28 <sup>th</sup> , 29 <sup>th</sup> = 28 hours July 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup> , 7 <sup>th</sup> , = 34 hours July 22 <sup>nd</sup> , 23 <sup>rd</sup> = 16 hours |                  |
| Scott Phillips – FMC #145817 / Tenure owner / field supervisor \$30.00 x 102hrs                                                                                                                                                                                                                                                                         | = \$3060.00      |
| Shelly Phillips – FMC # 145828 / tenure owner, field support \$30.00 x 34 hrs                                                                                                                                                                                                                                                                           | = \$1020.00      |
| Robert Morris – FMC #118959 / Tenure owner / field support \$30.00 x 102 hrs                                                                                                                                                                                                                                                                            | = \$3060.00      |
| Betty Morris – FMC # 146608 / tenure owner / field support \$30.00 x 50 hrs                                                                                                                                                                                                                                                                             | = \$1500.00      |
| Tom Jackson / field labor<br>\$20.00 x 12 hrs                                                                                                                                                                                                                                                                                                           | = \$240.00       |
| Mike Phillips / field labor<br>\$20.00 x 16 hrs                                                                                                                                                                                                                                                                                                         | = \$320.00       |
| Ahren Cole / field labor<br>\$20.00 x 16 hrs                                                                                                                                                                                                                                                                                                            | = \$320.00       |
| Jim Cole / field labor<br>\$20.00 x 16 hrs                                                                                                                                                                                                                                                                                                              | = \$320.00       |
| Transportation 4x4 truck(s) @ \$50.00 / day x 19 days                                                                                                                                                                                                                                                                                                   |                  |
| Accommodations / in field \$70.00 / day x 27 days                                                                                                                                                                                                                                                                                                       | = \$1890.00      |
| ALS Laboratory services Cu – OG-46 25 rock chip samples (not included at time of filing SOW)                                                                                                                                                                                                                                                            | = \$523.13       |
| Report Le Baron Prospecting \$350.00 / day x 2                                                                                                                                                                                                                                                                                                          |                  |
| Total                                                                                                                                                                                                                                                                                                                                                   | = \$14,080.00    |



#### **Technical Section**

#### **Exploration Overview**

Over the past several years Le Baron Prospecting has identified significant mineralization north of the Doe Lake within this project. The Cu skarn deposit has potential to become of economic importance if further exploration can proved a viable deposit. Secondly there is an abundance of Limestone within the tenure. This limestone also has potential to become a source of dimension stone.

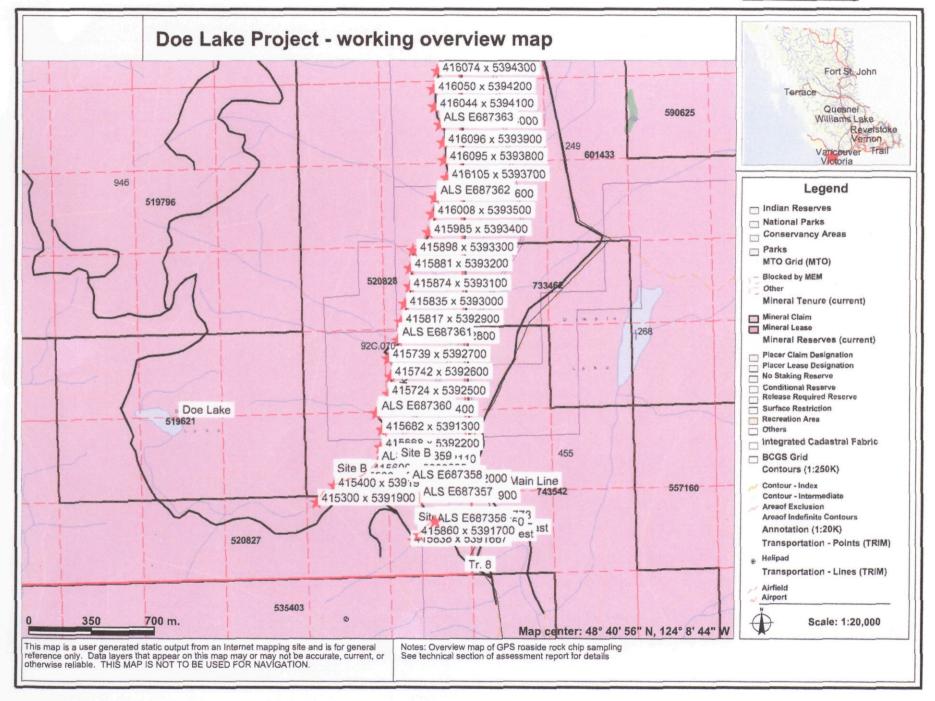
This exploration was to explore and sample the areas of new road building (main roads and spur roads) and follow up on previous recommendations of sampling in areas of logging where excavators have built roads for logging purposes and exposed bedrock during the logging process. Rock chip samples were obtained and plotted on working maps included in this report and photos were taken of some of the sampling and the general area where the exploration took place. There is however ongoing logging in the area which will no doubt result in further exposure of the identified Cu skarn.

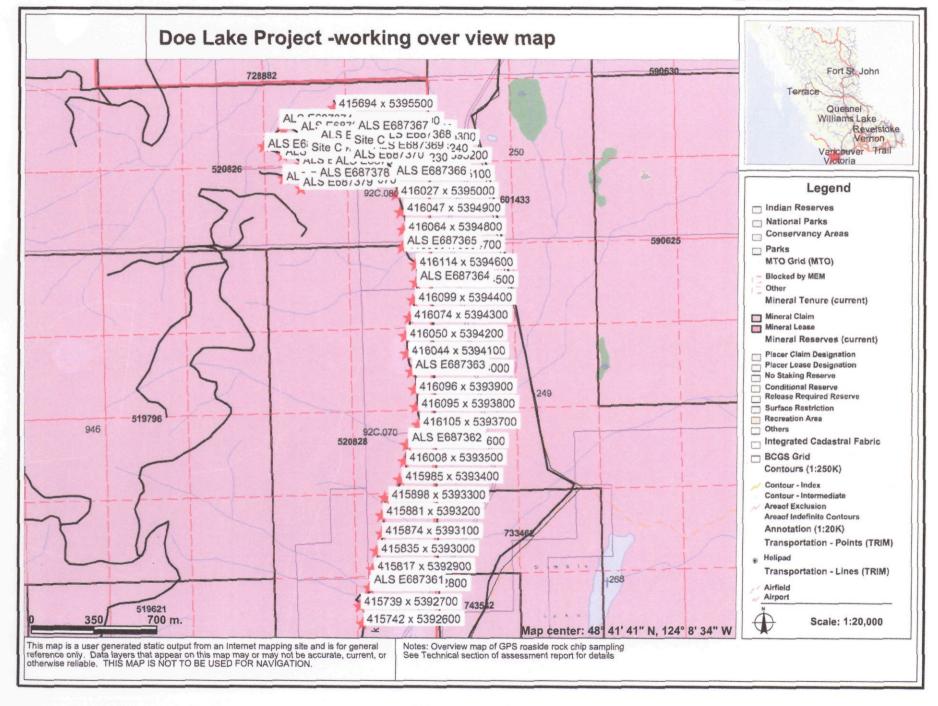
All information on the samples obtained can be referenced in the Technical Section of this assessment report.

A total of 51 road side stops were made along the Truck Rd 8 Mainline. At each stop, several rock chip sample were obtained using hand tools in the immediate area of the reported location. There were also two locations (site A + B) where stream sediment sampling (SSS) were obtained from moss matt samples obtained from in creek boulders, the material was then processed through a sluice box.

All samples are kept in Port Renfrew at 16977 Tsonaguay Dr Port Renfrew BC.

25 rock chip samples were sent to ALS Laboratory Services in Vancouver for analysis. Certificates of analysis are included in this report.







#### **Technical Section**

#### **Site Specific Sampling Details**

#### See Figure Map A

Site # 1 - GPS - 415950 x 5391778

Road side - creek location, several rock chip samples were taken from rock outcrops road side and either side of creek. Minor chalcopyrite is present in all samples obtained.

ALS - E687356 - Cu = 0.002 %

Steam Sediment Sampling (SSS)

SSS # A - GPS - 415917 x 5391750

1 – 5 gallon bucket of moss obtained – washed – processed through sluice box 186 grams of concentrates obtained

SSS # B - GPS - 415860 x 5391700

1 – 5 gallon bucket of moss obtained – washed – processed through sluice box 213 grams of concentrates obtained

SSS # C - GPS - 415838 x 5391667

1 – 5 gallon bucket of moss obtained – washed – processed through sluice box 158 grams of concentrates obtained

Site # 2 - GPS - 415873 x 5391900

Road side – rock chip samples obtained, minor chalcopyrite, rock is heated in this area, lots of overburden.

#### See Figure Map B

Site # 2 - GPS - 415873 x 5391900

Road side – 4 rock chip samples obtained, minor chalcopyrite, rock is heated in this area, lots of overburden.

ALS - E687357 - Cu = 0.001 %

Site # 3 - GPS - 415817 x 5392000

Road side - 2 rock chip samples obtained, minor chalcopyrite

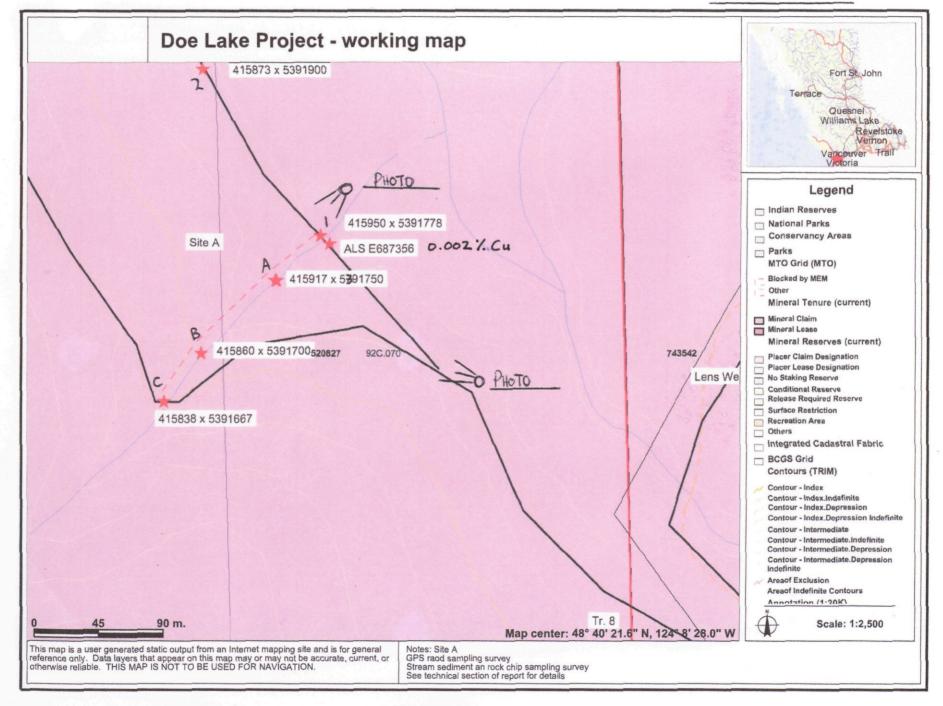
ALS - E687358 - Cu = 0.001 %

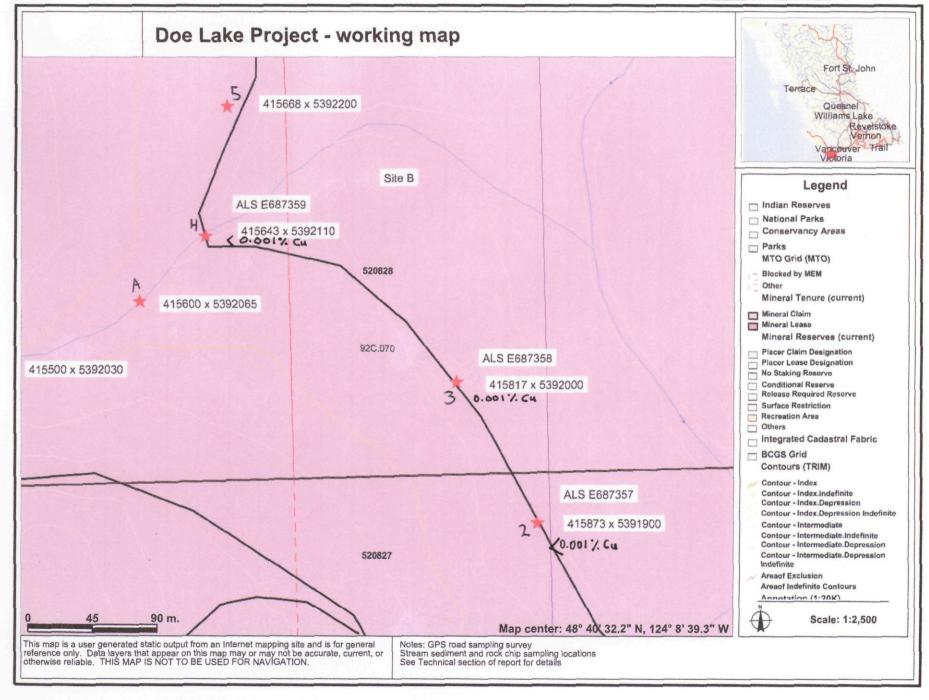
Site # 4 - GPS - 415643 x 5392110

Creek location – several rock chip samples obtained from bed rock on either side of creek, thin quartz veins, minor chalcopyrite, some basalt exposures, limestone alluvial in creek ALS – E687359 – Cu = 0.001 %

SSS # A - GPS - 415600 x 5392065

1 – 5 gallon bucket of moss obtained – washed – processed through sluice box 172 grams of concentrates obtained







#### Technical Section - continued

#### See Figure Map C

SSS # B - GPS - 415500 x 5392030

1 – 5 gallon bucket of moss obtained – washed – processed through sluice box 152 grams of concentrates obtained

SSS # C - GPS - 415400 x 5391995

1 – 5 gallon bucket of moss obtained – washed – processed through sluice box 132 grams of concentrates obtained

SSS # D - GPS - 415300 x 5391900

2 – 5 gallon bucket of moss obtained – washed – processed through sluice box 380 grams of concentrates obtained – fine Au.

#### See Figure Map D

Site # 6 - GPS - 415682 x 5391300

Road side – 2 rock chip samples obtained, minor chalcopyrite, several small quartz veins, minor clay observed, over burden is clay rich.

Site #7 - GPS - 415650 x 5392400

Road side - creek location - 6 rock chip samples obtained, quartz veins host minor / fine Au, pyrite is present.

Gabbro is present in area, mineral structure is altering. Creek alluvial host much Ca.

ALS - E687360 - Cu = 0.002 %

Site # 8 - GPS - 415724 x 5392500

Road side – 2 rock chip samples obtained, minor pyrite, Basalt is present, black, overburden is clay rich.

Site # 9 - GPS - 415742 x 5392600

Road side – 4 rock chip samples obtained, minor pyrite, small, thin quartz veins in what appears to be hornblende alterations

Site # 10 - GPS - 415739 x 5392700

Road side - 2 rock chip samples obtained, basalt, overburden is clay rich

Site # 11 - GPS - 415786 x 5392800

Road side – 2 rock chip samples obtained, limestone exposure through overburden which is clay rich, minor chalcopyrite is present.

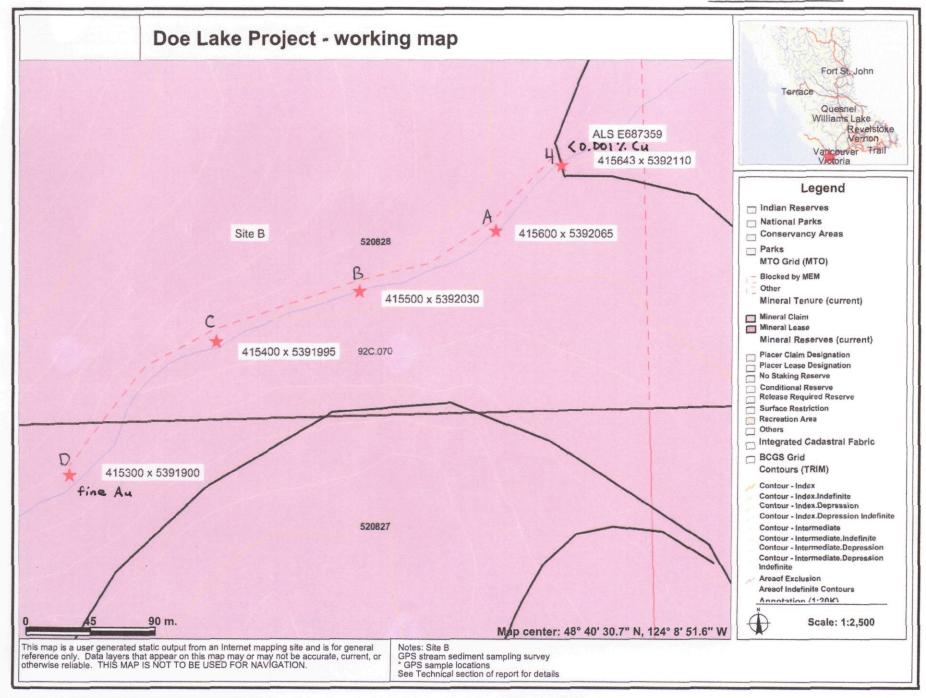
ALS - E687361 - Cu = 0.001 %

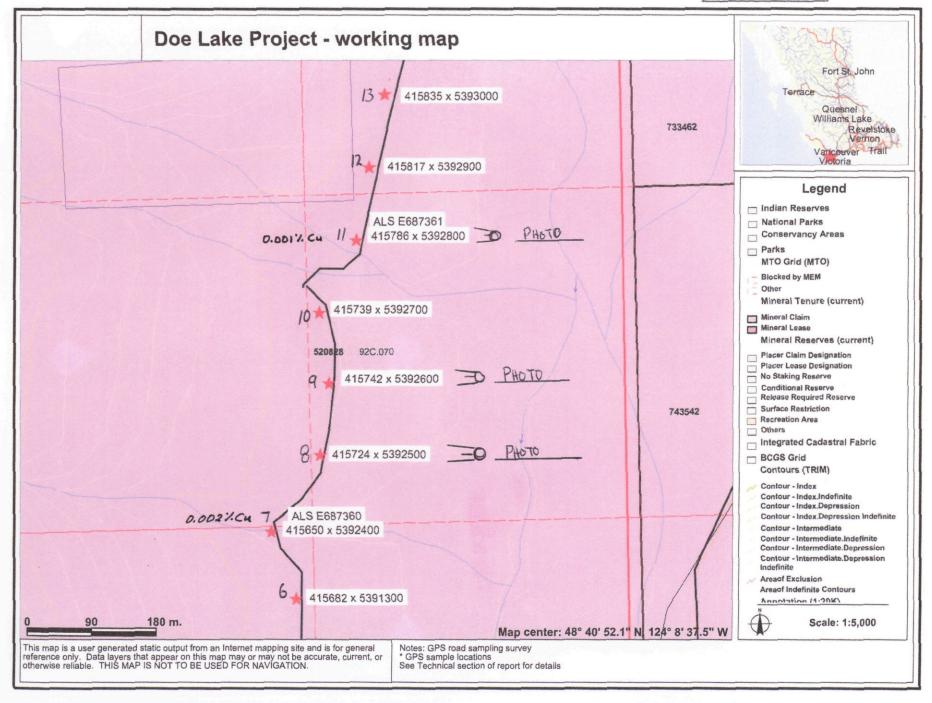
Site # 12 - GPS - 415817 x 5392900

Road side - 2 rock chip samples obtained, both samples were hornblende / gabbro composition with minor pyrite / olivine crystals.

Site # 13 - GPS 415835 x 5393000

Road side -4 rock chip samples obtained, hornblende and gabbro with one sample a possible peridotite with fine greenish color.







#### **Technical Section - continued**

#### See Figure Map E

Site # 14 – GPS – 415874 x 5393100 Road side – 2 rock chip samples obtained, hornblende Overburden is clay rich

Site # 15 - GPS - 415881 x 5393200

Road side – 2 rock chip samples obtained, diorite, possible sill or dyke, lots of overburden, area of future interest.

Site # 16 - GPS - 415898 x 5393300

Road side – 4 rock chip samples obtained, diorite has dark grey weathering, fine feldspar crystals, some with a greenish tinge, minor pyrite.

Site # 17 - GPS - 415598 x 5393400

Road side – 2 rock chip samples obtained, gabbro with minor pyrite.

Site # 18 - GPS - 416008 x 5393500

Road side – 2 rock chip samples obtained, gabbo and hornblende, alteration with a possible sill or dyke

Site # 19 - GPS - 416030 x 5393600

Road side – creek location, 4 rock chip samples obtained in creek exposure, chalcopyrite present in alterations, limestone and gabbro

1 SSS was obtained from in creek moss matt on rocks, 21 grams of concentrate

Site # 20 - GPS - 416105 x 5393700

Road side – 2 rock chip samples obtained, limestone, over burden is clay rich.

Site # 21 - GPS - 416095 x 5393800

Road side – 2 rock chip samples obtained, hornblende

Site # 22 - GPS - 416096 x 5393900

Road side – 2 rock chip samples obtained, hornblende, gabbro minor pyrite with possible pyrope cubes.

Site # 23 - GPS - 416075 x 5393400

Road side – 2 rock chip samples obtained, hornblende, minor pyrite

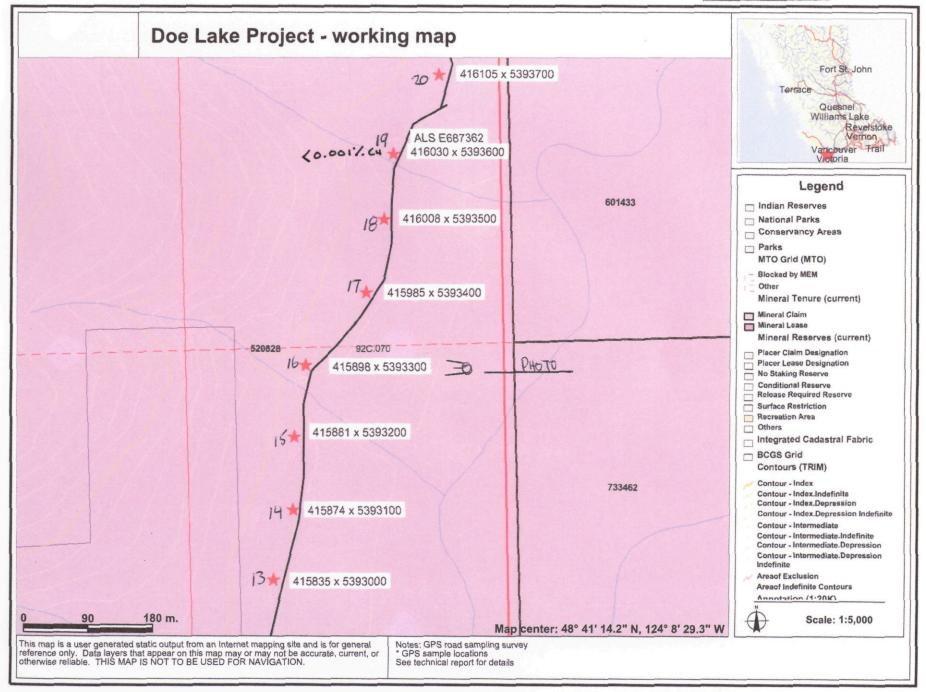
ALS - E687363 - Cu = 0.001 %

Site # 24 - GPS - 416044 x 5394100

Road side – 2 rock chip samples obtained, limestone, overburden is clay rich

Site # 25 - GPS - 416050 x 5394200

Road side - 4 rock chip samples obtained, limestone, basalt, gabbro, overburden is clay rich





#### **Technical Section – continued**

#### See Figure Map F

Site # 26 - GPS - 416074 x 5394300

Road side - 2 rock chip samples, hornblende

Site # 27 - GPS - 416099 x 5394400

Road side – 2 rock chip samples obtained, gabbro with fine tabular feldspars.

#### See Figure Map G

Site # 28 - GPS - 416121 x 5394500

Road side – 4 rock chip samples obtained, gabbro with possible ultramafic intrusion, ground is altering, chalcopyrite is present.

ALS - E687364 - Cu = 0.007 %

Site # 29 - GPS - 416114 x 5394600

Road side – 4 rock chip samples obtained, hornblende, structure is altering, possible sill or dyke, good exposure

Site # 30 - GPS - 416060 x 5393700

Road side – 4 rock chip samples obtained, hornblende, gabbros, structure is altering, good exposures, minor pyrite

ALS - E687365 - Cu = 0.001 %

Site # 31 - GPS - 416064 x 5393800

Road side - 2 rock chip samples obtained, gabbros, over burden is clay rich

Site # 32 - GPS - 416047 x 5393900

Road side - 2 rock chip samples obtained, gabbros

Site # 33 - GPS - 416027 x 5394000

Road side – 2 samples obtained (alluvial) no bedrock exposed, minor chalcopyrite, basalt float.

Site # 34 - GPS - 416008 x 5395100

Road side – 2 rock chip samples obtained, alluvial float, minor pyrite

ALS - E687366 - Cu = 0.001 %

Site # 35 - GPS - 415955 x 5395200

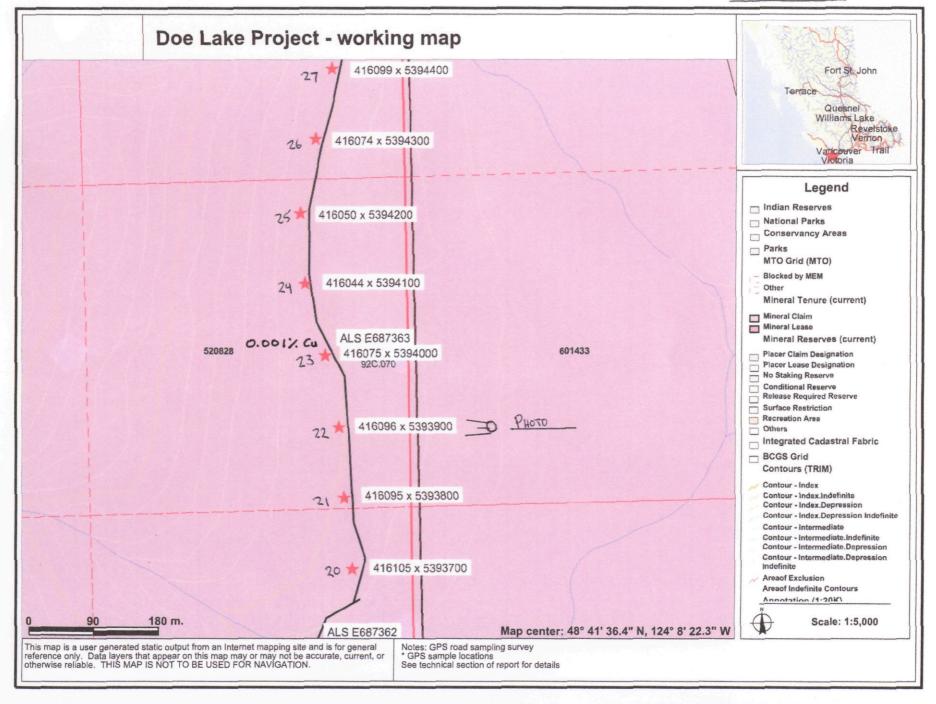
Road side – 2 rock chip samples obtained, alluvial float, over burden is clay rich.

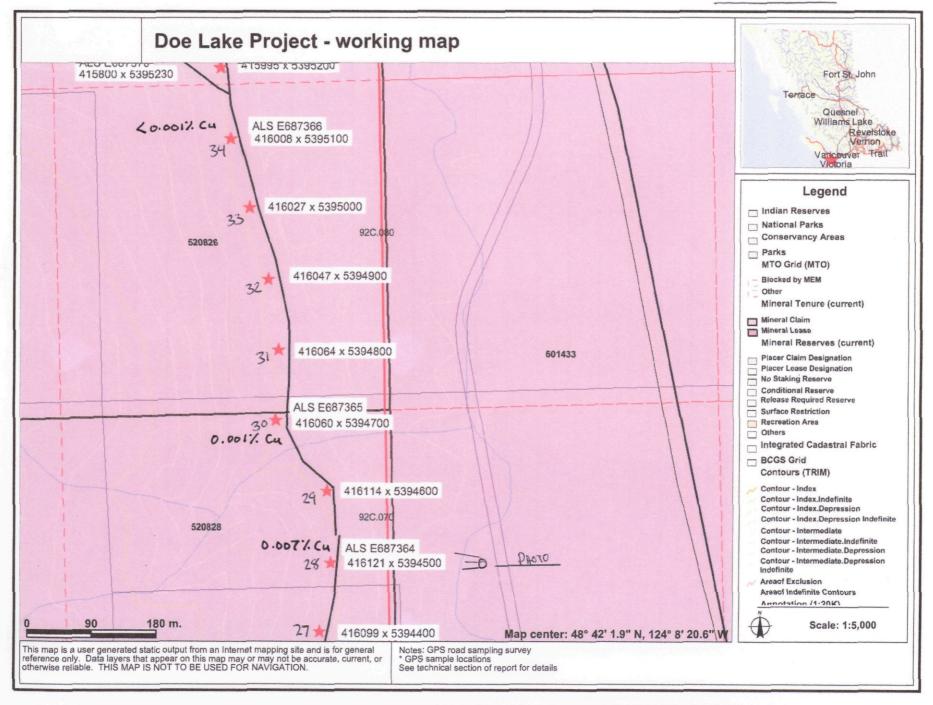
Site # 36 - GPS - 415924 x 5395300

Road side -2 rock chip samples obtained, alluvial float with minor chalcopyrite, limestone exposure, lots of reddish stained overburden. (Indication of much better mineralization in area) ALS - E687368 - Cu = 0.003 %

Site # 37 - GPS - 415800 x 5395350

Road side -2 rock chip samples obtained, alluvial float with minor chalcopyrite, limestone exposure, lots of reddish stained overburden. (Indication of much better mineralization in area) ALS - E687367 - Cu = 0.003 %







#### **Technical Section - continued**

#### See Figure Map H

Site # 38 - GPS 415733 x 5395400

Road side – 2 rock chip samples obtained, alluvial float, over burden is reddish color, clay rich.

Site # 39 - GPS - 415694 x 5395500

Road side – 2 rock chip samples obtained, alluvial float, over burden is reddish color, is clay rich.

Site # 40 - GPS - 415900 x 5395240 - (Spur Rd up)

Road side – 4 rock chip samples obtained from high side of road exposure, chalcopyrite is present in area, definite mineralization with obvious signs of metamorphic rock. Fine Au in small quartz veins

ALS - E687369 - Cu = 0.288 %

Site # 41 - GPS - 415800 x 5395230

Road side – 4 rock chip samples obtained, definite mineralization in road side exposures, heavy staining, chalcopyrite is present

ALS - E687370 - Cu = 0.751 %

Site # 42 - GPS - 415700 x 5395235

Road side – 2 rock chip samples obtained, definite mineralization in road side exposure, heavy staining with exposure of chalcopyrite

ALS - E687371 - Cu = 1.28 %

Site # 43 - GPS - 415600 x 5395300

Road side – 4 rock chip samples obtained in area from road side exposure, excellent showing of chalcopyrite, heavy oxidization, possible Au

ALS - E687372 - Cu = 2.65 %

Site # 44 - GPS - 415500 x 5395350

Road side – 4 rock chip samples obtained from bed rock exposure, heavy staining, pyrite in quartz veins sampled.

ALS - E687373 - Cu = 0.216 %

Site # 45 - GPS - 415400 x 5395400

Road side – 4 rock chip samples obtained from road side bed rock exposure, heavy mineralization, chalcopyrite in all samples

ALS - E687374 - Cu = 1.82 %

Site # 46 - GPS - 41500 x 5395300

Road side – 4 rock chip samples obtained from road side exposure, lots of mineralization, staining of host rock, multiple banded altering structure, chalcopyrite

ALS - E687375 - Cu = 0.884

Site # 47 - GPS - 415400 x 5395259

Road side – 4 rock chip samples obtained, heavy staining, pyrite present, not as mineralized as prior structures in area, alteration present.

ALS - E687376 - Cu = 0.47 %



#### **Technical Section – continued**

## See Figure Map H

Site # 48 - GPS - 415500 x 5395197

Road side – 2 samples obtained, chalcopyrite, just up on bank, ( high side of road cut) 2 excellent samples of chalcopyrite obtained, heavy mineralization

ALS - E687377 - Cu = 5.39 %

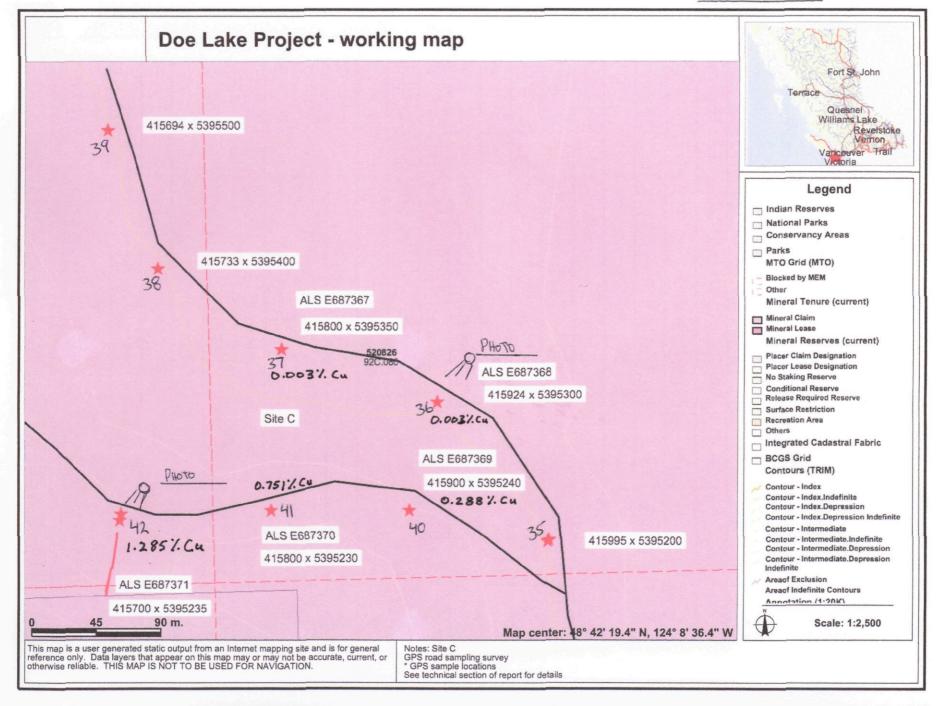
Site #  $49 - GPS - 415600 \times 5395145$ Road side - 4 rock chip samples obtained, chalcopyrite exposure, heavy mineralization ALS - E687378 - Cu = 2.23 %

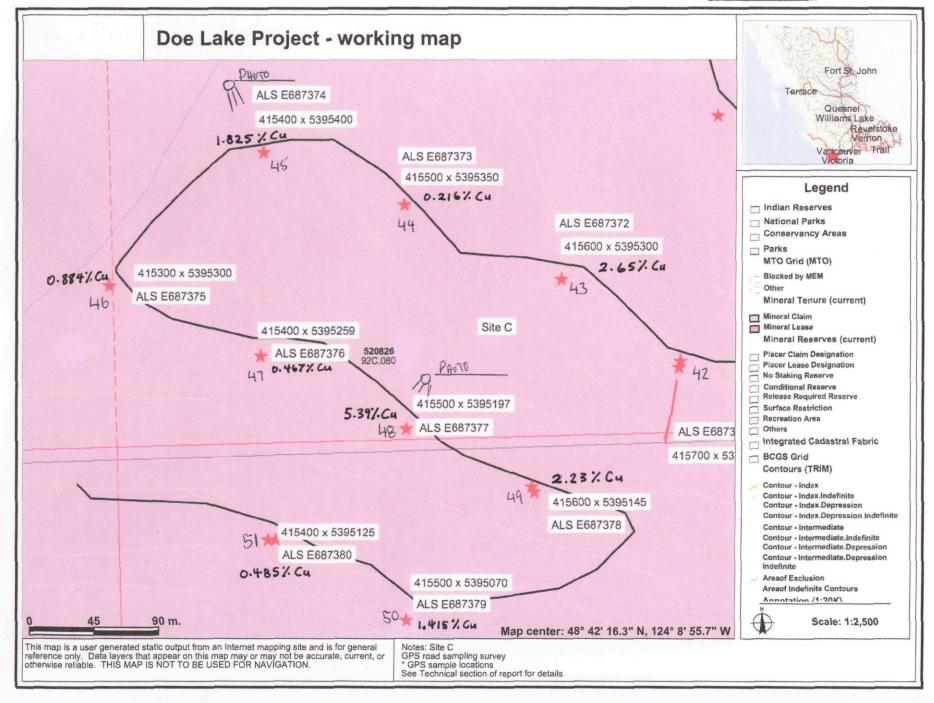
Site #  $50 - \text{GPS} - 415500 \times 5395070$ Road side -4 rock chip samples obtained, chalcopyrite, heavy mineralization ALS -E687379 - Cu = 1.41 %

Site # 51 - GPS - 415400 x 5395125

Road side -4 rock chip samples obtained from road side exposures, heavy staining, the structure is altering from chalcopyrite into a hornblende type, possible sill of dyke. ALS - E687380 - Cu = 0.45

End of road side sampling







# Technical Summary of Sampling

142 rock chip samples obtained

8 – 5 gallon buckets of classified moss = 1241 grams of concentrates = 44.32 oz 25 rock chip samples submitted for analysis 4322 GPS meter of road side sampling 455 GPS meters of stream sediment sampling

#### Follow up Recommendations

To continue to exploration of the Doe Lake Project and the possibility of a Cu skarn deposit of size.

To continue to explore areas which are being logged in the northern portions of the tenure block, excavator roads are proving to be very positive in the exposure of bedrock.

To begin the exploration of the east side of the tenure block in 2010 which may be logged, (pre planning as of the conclusion of exploration)

To continue to conduct geochemical analysis of the samples obtained.

To plan for a small drilling (hand drill) of the prior identified Cu ore body north of the Doe Lake

To adjoin the adjacent mineral properties owned by Le Baron into one large tenure block

To lock the tenures away for long term



Analytical Methods ALS Laboratory Services Vancouver BC

# **Copper Specific Procedures**

Evaluation of copper prospects often involves the need to know more about copper mineralogy and mineral solubility for metallurgical consideration. This information can be obtained by selective leaching of the sample with weaker acids. Malachite, azurite, chrysocolla and portions of the cuprite, in addition to tenorite can be leached using sulfuric acid. The results of the preceding are often referred to as "acid soluble" copper and "non-sulfide" copper. Cyanide leach will dissolve chalcocite, bornite and a portion of the chalcopyrite contents of the sample. The mineral dissolution in each leach may vary depending on the sample matrix and specific mineralogy.

Sequential leaches done in series on a sample may provide a further opportunity to separate mineralogical forms of copper in the sample. For each project and mineral type, adjustments to leach conditions and chemicals may be needed to ensure the correct mineral types are being targeted. ALS provides custom methods using different leach conditions upon request.

| Description                                                                                                                                                                                                                            | Code                | Price per<br>Sample (\$) |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|--|
| Trace Cu Methods                                                                                                                                                                                                                       |                     |                          |  |
| Trace Cu method, aqua regia digestion and ICP or AAS finish, 1-10,000 ppm                                                                                                                                                              | Cu-ICP41<br>Cu-AA45 | 7.80<br>5.75             |  |
| Trace Cu method, 4 acid near total digestion and ICP or AAS finish, 1-10,000 ppm                                                                                                                                                       | Cu-ICP61<br>Cu-AA61 | 9.80<br>8.00             |  |
| Assay Cu Methods                                                                                                                                                                                                                       |                     |                          |  |
| Assay Cu method, aqua regia digestion and ICP finish, 0.01-40%                                                                                                                                                                         | Cu-OG46             | 10.10                    |  |
| Assay Cu method, 4 acid near total digestion and ICP finish, 0.01-40%                                                                                                                                                                  | Cu-OG62             | 12.40                    |  |
| Cu by Screen Assay - dry screening to 100 micron. Duplicate assays by four acid near total digestion on undersize, and on entire oversize fractions. Calculate and report total copper content, individual assays and weight fractions | Cu-SCR21            | 61.20                    |  |



# **ALS Chemex**

**EXCELLENCE IN ANALYTICAL CHEMISTRY** 

ALS Canada Ltd.

2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: LE BARON PROSPECTING 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5 Page: 1 Finalized Date: 13-FEB-2010 This copy reported on 15-FEB-2010

**Account: LEBPRO** 

# **CERTIFICATE VA10013207**

Project: Doe Lake Project

P.O. No.:

This report is for 25 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-FEB-2010.

The following have access to data associated with this certificate:

B. MORRIS

SCOTT PHILLIPS

|          | SAMPLE PREPARATION             |
|----------|--------------------------------|
| ALS CODE | DESCRIPTION                    |
| WEI-21   | Received Sample Weight         |
| CRU-QC   | Crushing QC Test               |
| LOG-21   | Sample logging - ClientBarCode |
| CRU-31   | Fine crushing - 70% <2mm       |
| PUL-31   | Pulverize split to 85% <75 um  |

|          | ANALYTICAL PROCEDURI           | ES         |
|----------|--------------------------------|------------|
| ALS CODE | DESCRIPTION                    | INSTRUMENT |
| Cu-OG46  | Ore Grade Cu - Aqua Regia      | VARIABLE   |
| ME-OG46  | Ore Grade Elements - AquaRegia | ICP-AES    |

To: LE BARON PROSPECTING ATTN: SCOTT PHILLIPS 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



# **ALS Chemex**

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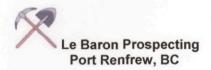
2103 Dollarton Hwy
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To: LE BARON PROSPECTING 9298 CHESTNUT RD. CHEMAINUS BC VOR 1K5 Page: 2 - A Total # Pages: 2 (A) Finalized Date: 13-FEB-2010 Account: LEBPRO

Project: Doe Lake Project

| ERTI |  |  |  |          |
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|                      |         | VA/E1 24  | A: 0046 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------|---------|-----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | Method  | WEI-21    | Cu-OG46 | <b>,</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                      | Analyte | Recvd Wt. | Cu      | <b>!</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Comple Becometion    | Units   | kg        | %       | <b>,</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sample Description   | LOR     | 0.02      | 0.001   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687356              |         | 0.18      | 0.002   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687357              |         | 0.24      | <0.001  | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| E687358              |         | 0.22      | 0.001   | <b>,</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| E687359 ,            |         | 0.20      | <0.001  | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| E687360 -            | 1       | 0.26      | 0.002   | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| E687361 (            |         | 0.14      | 0.001   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687362 ·            | 4       | 0.18      | <0.001  | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| E687363 ·            |         | 0.18      | 0.001   | <b>,</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| E687364 •            |         | 0.14      | 0.007   | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| E687365              |         | 0.12      | 0.001   | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| E687366 <sup>1</sup> |         | 0.14      | <0.001  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687367              |         | 0.14      | 0.003   | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| E687368              |         | 0.24      | 0.003   | <b>,</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| E687369              |         | 0.20      | 0.288   | I and the second of the second |
| E687370              |         | 0.22      | 0.751   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687371              |         | 0.22      | 1,285   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687372              |         | 0.18      | 2.65    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687373              | 1       | 0.20      | 0.216   | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| E687374              | - 1     | 0.28      | 1.825   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687375              |         | 0.18      | 0.884   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687376              |         | 0.22      | 0.467   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687377              | Į       | 0.22      | 5.39    | · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| E687378              | l       | 0.22      | 2.23    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E687379              | 1       | 0.24      | 1.415   | <b>)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| E687380              |         | 0.22      | 0.485   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |         |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |         |           |         | i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                      | ı       |           |         | <b>!</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                      | - 1     |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |         |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | 1       | •         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | 1       |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | - 1     |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | ł       |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | - 1     |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | 1       |           |         | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                      | 1       |           |         | <b>!</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                      | l       |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |         |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      | 1       |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                      |         |           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |







Site A - creek sampling



TR 8 sample site 8



TR 8 – sample site 9



TR 8 – sample site 11



TR 8 – sample site 16





# **Photos**

TR 8 - sample site #22



TR 8 - sample site #28



TR 8 – sample site #36



Spur rd - Sample site #42



Sample site #45



Sample site #48





#### Reference information

Doe Lake Project Reference reports
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