

BC Geological Survey  
Assessment Report  
30444

Geochemical, Conventional and Physical Work

Assessment Report  
Freedom Claim Group

Nanaimo Mining Division  
NTS Map 92F/11W

Located:

12 miles west of Courtenay, BC

49 38' 37 north - 125 20' 39 west

Owner/Operator: Gary M. Thorsen  
Author of the Report: Gary M. Thorsen

Monday 22 December 2008

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

30,444

Ministry of Energy & Mines  
Energy & Minerals Division  
Geological Survey Branch

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

|  |  |                                |
|--|--|--------------------------------|
| TITLE OF REPORT (type of survey(s))<br><u>Physical and Geochemical Prospecting</u> |  | TOTAL COST<br><u>\$1757.24</u> |
| AUTHOR(S)<br><u>GARY M. THORSEN</u>  | SIGNATURE(S)<br><u>Gary M. Thorsen</u> |                                |

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) \_\_\_\_\_ YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Submission Fee - 175.72

Event number - 4273494, Date 2009/Apr./07

PROPERTY NAME Freedom #2 - Tenure # 580600

CLAIM NAME(S) (on which work was done) Freedom #1 - 570706 and Freedom #2 - 580600

COMMODITIES SOUGHT Copper and Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN \_\_\_\_\_

MINING DIVISION Nanaimo, BC NTS 92F/11E

LATITUDE 49° 38' 37" LONGITUDE 125° 20' 39" (at centre of work)

OWNER(S)

1) GARY THORSEN 2) \_\_\_\_\_

MAILING ADDRESS

P.O. Box 8 (5429 South St. Hwy.)  
Union Bay, B.C. V0R3B0

OPERATOR(S) (who paid for the work)

1) GARY THORSEN 2) \_\_\_\_\_

MAILING ADDRESS

SAME AS ABOVE

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

The area is primarily underlain by basalt flows of the upper Triassic, Vancouver Group, Kermation formation of basalt flows, pillow lava breccia, and some tuff and some sedimentary layers. Unit intruded by a granodiorite stock. Minerals found Malachite, limonite, chalcocite, bornite, pyrite & magnetite.

The Freedom #1 area is 300ha. Freedom #2 area is 439.31 ha - Total = 739.31

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

No previous prospecting, showings or staking in my claim area.

| TYPE OF WORK IN THIS REPORT<br><i>Conventional, Physical and Geochemical</i> | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|--|----------------------------------|-----------------|---|
|--|----------------------------------|-----------------|---|

|                          |   |                            |                          |
|--------------------------|---|----------------------------|--------------------------|
| GEOLOGICAL (scale, area) | Ground, mapping <i>1:10,000 Scale, 439.31 ha.</i> | <i>Freedom-570706 Done</i> | <i>1004.36 work amt.</i> |
|                          | Photo interpretation <i>Google Earth</i>          | <i>*Freedom-580600</i>     | <i>1757.24 work amt.</i> |
|                          |   | " "                        | <i>2761.16</i>           |

|                               |                      |  |  |
|-------------------------------|----------------------|--|--|
| GEOPHYSICAL (line-kilometres) |                      |  |  |
| Ground                        |                      |  |  |
|                               | Magnetic             |  |  |
|                               | Electromagnetic      |  |  |
|                               | Induced Polarization |  |  |
|                               | Radiometric          |  |  |
|                               | Seismic              |  |  |
|                               | Other                |  |  |
| Airborne                      |                      |  |  |

|   |  |   |               |
|---|--|---|---------------|
| <b>*GEOCHEMICAL ALS CHEMEX LAB - ASSAYS</b> |  |   |               |
| (number of samples analysed for ...)        |  |   |               |
|   | Soil <i>2 composites of 8 moss mats</i>  | " | <i>93.37</i>  |
|   | Silt   |   |               |
|   | Rock <i>4 - 33 Element ICP-61 and Au-FA</i>  | " | <i>170.21</i> |
|   | Other <i>35 Field Cold Extractable THM soil samples</i>  | " |               |
|   | Water - <i>16 pH creek samples and 16 creek THM samples</i>  | " |               |
|   | DRILLING <i>(test strips) for pH Heavy metal test strips with detection levels, 10, 20, 50, 100, 200, 400, 1000 ppb (ug/l)</i> | " |               |
|   | Core   |   |               |
|   | Non-core   |   |               |

|                   |                   |  |  |
|-------------------|-------------------|--|--|
| RELATED TECHNICAL |                   |  |  |
|                   | Sampling/assaying |  |  |
|                   | Petrographic      |  |  |
|                   | Mineralographic   |  |  |
|                   | Metallurgic       |  |  |

PROSPECTING (scale, area) *6 cm = 5 km - 439.31 ha.*

|                      |   |   |                   |
|----------------------|---|---|-------------------|
| PREPARATORY/PHYSICAL |   |   |                   |
|                      | Line/grid (kilometres)                    |   |                   |
|                      | Topographic/Photogrammetric (scale, area) |   |                   |
|                      | Legal surveys (scale, area)               |   |                   |
|                      | Road, local access (kilometres)/trail     | <i>Hiking</i>                                   |                   |
|                      | Trench (metres)                           | <i>43.2 Km., 8 kms.</i>                         | <i>225.75 gas</i> |
|                      | Trench (metres)                           |   |                   |
|                      | Underground (metres)                      | <i>Food 20 days @ 20.00/day</i>                 | <i>400.00</i>     |
|                      | Other                                     | <i>Soil and water testing, moss mat samples</i> | <i>3000.00</i>    |

*and gold panning. Prospecting outcrops and water courses for myself and two assistants*

TOTAL COST *3889.33*

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## ILLUSTRATIONS

Fig.1 - Index Map and General Geology

Fig.2 - Freedom Claim Group Location

Fig.3 - Claim Group MTO Map

Fig.4 – Topo Map 92F-11 1:50,000 scale

Fig.5 – Google Earth Map of Eric Creek

## PHOTOS

#1- 3 Author, Gary Thorsen Moss Mat Sampling, Gold Panning and Magnetite Float

with Malachite,Cu, and Zn

#4 Magnetite outcrop with malachite,Cu and Zn

#5 Chris Nystrom at oxidized pyrite/ Chalcopyrite vein

#6 Same vein as #5 with my silver ring in the foreground

# PHOTOS

#7 Author Gary Thorsen with malachite stained volcanic boulder

#8 North ridge of claim 570706, looking west across Eric Creek and valley

#9 End of the road Eric Creek west, looking east

#10 My son Leif Thorsen after a hard day of prospecting and sampling

## INTRODUCTION

The claim block centres on a point lying some 12 air miles west of Courtenay, BC., and over lies the Eric Creek valley and roughly 4 miles west of the confluence with the Cruickshank River. ( Lat. 49 degrees 38' 37 north and Long. 125 degrees 20' 39 west). From the Island Highway at Courtenay, the property is reached via the public Lake Trail road to Comox Lake, thence by the private Timber West Logging road along the north shore of Comox Lake and up the east side of the Cruickshank River for a distance of about 25 miles.

The claims are owned and operated by the writer Gary M. Thorsen of Union Bay, BC. There are several showings in and around the claim group. Mainly copper minerals, some zinc and a 680 ppm moss mat gold. Some areas have been logged several years ago and there are new roads being built with a small amount of logging taking place, allowing better access to new areas to prospect.

There are several drainage basins flowing from both steep slopes that drain into Eric Creek from the North and the south. The area has heavy underbrush and steep treed slopes which impedes on foot access, however this disadvantage is largely compensated by the good primary access the general network of local logging roads.

During the average field season, approximately early May to late October, the property and showings can be reached with standard and four wheel motor vehicles. Preliminary reconnaissance with conventional prospecting, soil and water geochemical testing, water course pH testing and field work were done on the Freedom Claim Group. The work was accomplished at various times between May 15th-Oct.20<sup>th</sup> 2008 (first snowfall).

Field work described in this report has been principally directed towards the exploration inside and around the claim group Tenures 57076 and 580600 to prospect for economic mineralization associated with the quartz-diorite intrusion in that area.(see illustration Fig.3)

The units in the claim 57076 run in a north-south line and include one of the Carey Lakes to the west, while the units in the claim 580600 covers most of the Eric Creek valley, in a east-west direction.(see Fig.4)

**REPORT OF PHYSICAL EXPLORATION AND DEVELOPMENT**  
**Section 15 - Mineral Tenure Act Regulation**

5.

|   |   |  |
|---|---|--|
| 1. Event number:<br>4248402   | 2. Tenure number(s):<br>570706 AND 580600   | 3. Type of Tenure:<br><input checked="" type="checkbox"/> Mineral, or<br><input type="checkbox"/> Placer |
| 4. Recorded holder:<br>GARY THORSEN   | Address:<br>P.O. BOX 8 UNION BAY, B.C. V0R 3B0  | Phone:<br>250 335 0467   |
| 5. Operator: "  | Address: " " "  | Phone: "   |
| 6. Report author: "   | Address: " " "  | Phone: "   |
| 7. Qualifications/experience of operator:   | 36 years of prospecting, ministry of mines<br>Advanced prospecting courses, Rock + Mineral I.D.<br>Adult Education - Taught prospecting courses at North Island College.  |  |
| 8. Brief summary of work activity on claim(s) in recent years (not including this year's new work): | Received about 7 Prospector's Assistance Grants since 1972. Discovered a hole showing west of Ft. St. James B.C. Was project explorer with manager. Type Resources on the Independent Property 92F/236 (Min file) Did work for Walter Guppy for several seasons around Tofino. Also prospected with Sam Craig in Tofino before he died. |  |

**NEW WORK (Attach additional sheets if more space is required)**

|  |  |
|--|--|
| 9. Actual dates work was done:<br>Between 15 May to 20 Oct 08  | 10. Tenure number(s) of claim(s) on which this work was performed:<br>570706 and 580600  |
| 11. Detailed written description of the work activity: state what was done and how it was done, and the results. Mention equipment, machinery, labourers, as applicable. The cost statement (#19 on page 2) must correspond to what is stated here.<br><br>Attach the 1:10,000 scale map showing the work sites. | Studied geology map + Aero Magnetic of the Area. Did conventional geochemical soil and water testing with gold panning mass mats in upper Eric Creek above a 680 ppm Au RGS sample area. Tested side creeks + drove + hiked through bush for reconnaissance of large areas of alteration + oxidized areas were sampled + sent for assay. See ALS Chemex Assay Results. Two main areas of high Cu were found. I hired two assistants. |
| 12. Metric dimensions of workings: (Open cuts, adits, pits, shafts, trenches)  | none were done. only prospecting of areas.   |
| 13. Amount of material excavated and tested or processed: (metric units)   | —  |
| 14. Geographic location of work sites: (access description, i.e., how you get to the work site)  | From Comtany B.C. west on Comox Lake logging roads north shore to the Cruikshank Rd. Marker 13 turn right to 10K sign, go left up steep hill to top. South end of Lake (17 miles)  |
| 15. Was GPS used to map work sites?<br>If yes, give co-ordinates: NO   | 16. Were work sites marked in the field (e.g., flagging, cut lines)? If yes, indicate how: Flagged + permanent markers written on them.  |
| 17. Are photographs of work sites attached?<br>yes   | 18. Was Notice of work filed?<br>Permit number: Didn't need one.   |

\* Did jump thru Timber West's Hoops.

**COST STATEMENT**

| 19. Expense(s): (complete either hourly rate or daily rate)                  | Total Hours OR # of days | Hourly Rate  | Daily Rate    | Total(s) (\$)    |
|--|--------------------------|--------------|---------------|------------------|
| Labour cost: (specify type) <i>SAMPLING, gold panning, water &amp; food,</i> |                          | <i>12.50</i> | <i>100.00</i> |                  |
| <i>* Assistant - Chris Myshom</i>  | <i>5 days</i>            | <i>"</i>     | <i>"</i>      | <i>\$ 500.00</i> |
| <i>* Neil Thorsen</i>  | <i>5 days</i>            | <i>"</i>     | <i>"</i>      | <i>500.00</i>    |
| <i>Larry Thorsen</i>   | <i>20 days</i>           | <i>"</i>     | <i>"</i>      | <i>2,000.00</i>  |
| Equipment & Machinery cost: (specify type)                                   |                          |              |               |                  |
|  |                          |              |               |                  |
|  |                          |              |               |                  |
| <b>Lodging / Food:</b>   | <b>Rate(s)</b>           | <b>Days</b>  |               |                  |
| <i>FOOD</i>  | <i>\$ 20.00 / day</i>    | <i>20</i>    |               | <i>\$ 400.00</i> |
| <b>Other: (specify)</b>  |                          |              |               |                  |
| <i>Freedom #1</i>  |                          |              |               |                  |
| <i>AUS Chemex ASSAYS #1</i>  | <i>\$ 331.25</i>         |              |               | <i>331.25</i>    |
| <i>Freedom #2</i>  | <i>170.21</i>            |              |               |                  |
| <b>20. Total costs of work from above:</b>                                   |                          |              |               | <b>3731.25</b>   |

| 21. Transportation/travel  | Rate(s)             | Days      | Total(s) (\$)    |
|--|---------------------|-----------|------------------|
| Specify type and full costs.<br><i>4 wheel drive Bronco + Jeep. 2,569.8 Kms.</i> | <i>FOR GAS ETC.</i> | <i>20</i> | <i>\$ 225.75</i> |
| <b>22. Transportation/travel, maximum 20% of value in 20 :</b>                   |                     |           |                  |
| <b>Total costs of work (add 20 and 22):</b>                                      |                     |           |                  |
| <b>Amount claimed for assessment credit on claims:</b>                           |                     |           | <b>3957.00</b>   |

*Larry M. Thorsen*  
 \_\_\_\_\_  
 (Signature of Recorded Holder / Agent)

*Chemex #2 assay + \$ 170.21*  
*4127.19*  
 \_\_\_\_\_  
 22 Dec. 2008  
 (Date)

**Important:**

Please ensure you attach the 1:10,000 scale map of the work sites.  
 If ground control or survey work is being claimed please attach plan(s) as required by Section 15 of the Regulations.

This report must be submitted within 30 days of the date you registered the exploration and development work in MTO.

Submit this report in any Service BC Government Agent or Mineral Titles Office, or you can mail to:  
 Mineral Titles Branch  
 Ministry of Energy, Mines and Petroleum Resources  
 300 - 865 Hornby Street  
 Vancouver, BC V6Z 2G3



## FIELD AND LABORATORY WORK

The writer made his first visit to the property on May 15, 2008 visually prospecting all the logging roads, new and old in the claim areas by 4x4 Ford Bronco II and a full suspension Cannondale Mountain Bike with 21 gears. The bike was useful on over-grown old roads and newly blasted road beds into new logging blocks, and where previous Heli-logging had decked their logs in huge piles in wider areas of the old roads.

I had two assistants that I employed. One was Chris Nystrom of Abbotsford, BC that has prospecting experience with his father in both BC and the Yukon and has assisted me on other occasions. The second is my oldest son Leif of 31 years of age that now resides with his wife in Seattle, Washington. Leif has university geology and has accompanied me on several prospecting trips over the years from north-western BC, Barkerville, and several times on Vancouver Island. Vancouver Island trips included the rugged west-coast on the north end, from Raft Cove (south of Cape Scott) to Lippy Point near Winter Harbour.

Field work included detailed mapping of vein exposures and showings with reconnaissance prospecting, water course sampling for pH and Heavy Metals with test strips and Cold Extractable "Total Heavy Metals" in soils and sediments. (Holman Bloom Test). Eric Creek was Moss Matt sampled approximately every 300 meters to the triple fork at the head-waters below Faith Lake (see photo #2). I did some random gold panning of the "fines" for visible economic minerals (see photo # 1). The side creeks flowing into Eric Creek were also sampled and some stream beds were followed up to steeper sections and the rocks and boulders were observed for types and geology changes. ( see ILLUSTRATIONS )

The writer also did further detailed geological mapping and sampling sites within the Claim areas. Fill in soil and water sampling will be done this season in between a 270 ppm gold, 279 ppm copper lower down the creek, and a 680 ppm gold Regional Geochemical Survey further up stream. Also, traverses are planned for up slope soil sampling and possibility a magnetometer survey above the 10,000+ ppm (5.7% ore grade) copper with zinc sample area.

Soil- samples were taken with a conventional mattock or grub hoe. The yellow-brown limonitic soil horizon (B-zone, or its nearest equivalent was sampled. This layer occurring within a general range of a few inches to two feet below the predominately organic surface layer of soil.

All rock and moss matt samples were sent to the ALS Chemex Lab. In North Vancouver. The moss matts were dried and sieved at home and tested as sediment samples. All samples were analysed for a 33 element four acid ICP-AES and 30g Au FA-AA finish. The rock samples were Crushed Split and Pulverized, the two high 10,000+ ppm Cu rock samples were four acid ore grade assayed. The assay results are found in the APPENDIX.

Geological mapping of bedrock exposures included observations in regard to rock-type, alteration, mineralization, and structural attitudes. General and detailed features of the geology and mineralization mapped within the claims are contained in Drw.#1 fig.2.

Due to the vast area of the claim group, the sampling intervals are very random. The objective of any sampling done in and around the Group was to locate mineralization and any target areas for follow-up prospecting. (see Topo Map Fig. 2).





# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

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

To: THORSEN, GARY  
PO BOX 8  
UNION BAY BC V0R 3B0

INVOICE NUMBER 1612283

### BILLING INFORMATION

Certificate: **VA07107251**  
Sample Type: **Rock**  
Account: **THORGA**  
Date: **1-NOV-2007**  
Project: **FREEDOM #1,2**  
P.O. No.:  
Quote:  
Terms: **Due on Receipt** **C3**  
Comments:

|          |           | ANALYSED FOR |  | UNIT  |        |
|----------|-----------|--------------|--|-------|--------|
| QUANTITY | CODE      | -            | DESCRIPTION                                  | PRICE | TOTAL  |
| 1        | BAT-01    |              | Administration Fee                           | 30.00 | 30.00  |
| 9        | PREP-31   |              | Crush, Split, Pulverize                      | 6.00  | 54.00  |
| 5.84     | PREP-31   |              | Weight Charge (kg) - Crush, Split, Pulverize | 0.60  | 3.50   |
| 9        | Au-AA23   |              | Au 30g FA-AA finish                          | 13.00 | 117.00 |
| 9        | ME-ICP61  |              | 33 element four acid ICP-AES                 | 7.00  | 63.00  |
| 9        | GEO-4ACID |              | Four acid "near total" dig                   | 5.00  | 45.00  |

SUBTOTAL (CAD) \$ 312.50

R100938885 GST \$ 18.75

**TOTAL PAYABLE (CAD) \$ 331.25**

To: THORSEN, GARY  
PO BOX 8  
UNION BAY BC V0R 3B0

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.  
Bank: Royal Bank of Canada  
SWIFT: ROYCCAT2  
Address: Vancouver, BC, CAN  
Account: 003-00010-1001098

Please Remit Payments To :

## ALS Chemex

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1

# PAID



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Page: 2 - A  
Total # Pages: 2 (A - C)  
Finalized Date: 1-NOV-2007  
Account: THORGA

Project: FREEDOM #1,2

## CERTIFICATE OF ANALYSIS VA07107251

| Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg | Au-AA23<br>Au<br>ppm | ME-ICP61<br>Ag<br>ppm | ME-ICP61<br>Al<br>% | ME-ICP61<br>As<br>ppm | ME-ICP61<br>Ba<br>ppm | ME-ICP61<br>Be<br>ppm | ME-ICP61<br>Bi<br>ppm | ME-ICP61<br>Ca<br>% | ME-ICP61<br>Cd<br>ppm | ME-ICP61<br>Co<br>ppm | ME-ICP61<br>Cr<br>ppm | ME-ICP61<br>Cu<br>ppm | ME-ICP61<br>Fe<br>% | ME-ICP61<br>Ga<br>ppm |
|-----------------------------------|---------------------------|----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|
| Sample Description                | 0.02                      | 0.005                | 0.5                   | 0.01                | 5                     | 10                    | 0.5                   | 2                     | 0.01                | 0.5                   | 1                     | 1                     | 1                     | 0.01                | 10                    |
| CR9907-1                          | 0.58                      | 0.120                | 1.3                   | 7.65                | 296                   | 20                    | <0.5                  | 9                     | 2.40                | <0.5                  | 209                   | 115                   | 3080                  | 19.25               | 20                    |
| CR9907-2                          | 1.42                      | 0.009                | <0.5                  | 10.25               | 13                    | 560                   | 0.9                   | <2                    | 3.64                | <0.5                  | 11                    | 24                    | 328                   | 4.27                | 20                    |
| CR9907-3                          | 1.16                      | 0.041                | 0.6                   | 10.10               | 6                     | 20                    | <0.5                  | <2                    | 14.40               | <0.5                  | 36                    | 99                    | 2620                  | 11.50               | 50                    |
| RCR91207-1                        | 0.60                      | 0.006                | <0.5                  | 8.33                | 7                     | 290                   | 0.8                   | <2                    | 3.81                | <0.5                  | 17                    | 22                    | 275                   | 3.48                | 20                    |
| RCR91207-2                        | 0.84                      | 0.007                | <0.5                  | 10.15               | 40                    | 170                   | <0.5                  | <2                    | 9.41                | <0.5                  | 42                    | 105                   | 993                   | 8.92                | 40                    |
| RCR91207-3                        | 0.28                      | 0.005                | <0.5                  | 10.50               | 84                    | 60                    | 0.6                   | <2                    | 0.15                | <0.5                  | 41                    | 343                   | 224                   | 9.00                | 20                    |
| RCR91207-4                        | 0.32                      | 0.007                | <0.5                  | 10.05               | 61                    | 70                    | 0.6                   | <2                    | 0.28                | <0.5                  | 47                    | 585                   | 113                   | 10.75               | 20                    |
| EC91207-1                         | 0.30                      | 0.006                | <0.5                  | 9.63                | 55                    | 70                    | 0.5                   | <2                    | 0.26                | <0.5                  | 36                    | 278                   | 162                   | 14.50               | 20                    |
| EC91207-2                         | 0.34                      | 0.006                | <0.5                  | 10.50               | 40                    | 70                    | 0.5                   | <2                    | 0.13                | <0.5                  | 58                    | 592                   | 111                   | 10.00               | 20                    |



**ALS Chemex**  
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 UNION BAY BC V0R 3B0

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 1-NOV-2007  
 Account: THORGA

Project: FREEDOM #1,2

**CERTIFICATE OF ANALYSIS VA07107251**

| Method<br>Analyte<br>Units<br>LOR | ME-ICP61 | ME-ICP61  | ME-ICP61 | ME-ICP61  | ME-ICP61  | ME-ICP61 | ME-ICP61  | ME-ICP61 | ME-ICP61  | ME-ICP61 | ME-ICP61  | ME-ICP61  | ME-ICP61  | ME-ICP61  | ME-ICP61 |
|-----------------------------------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|-----------|----------|
|                                   | K<br>%   | La<br>ppm | Mg<br>%  | Mn<br>ppm | Mo<br>ppm | Na<br>%  | Ni<br>ppm | P<br>ppm | Pb<br>ppm | S<br>%   | Sb<br>ppm | Sc<br>ppm | Sr<br>ppm | Th<br>ppm | Ti<br>%  |
| sample Description                | 0.01     | 10        | 0.01     | 5         | 1         | 0.01     | 1         | 10       | 2         | 0.01     | 5         | 1         | 20        | 20        | 0.01     |
| CR9907-1                          | 0.15     | 10        | 2.29     | 748       | 4         | 1.67     | 205       | 900      | 21        | >10.0    | <5        | 36        | 242       | <20       | 1.22     |
| CR9907-2                          | 0.79     | 10        | 1.13     | 673       | 5         | 3.22     | 5         | 1050     | 121       | 1.13     | 6         | 8         | 541       | <20       | 0.26     |
| CR9907-3                          | 0.10     | <10       | 1.76     | 1120      | 2         | 0.29     | 37        | 310      | 8         | 2.35     | <5        | 18        | 366       | <20       | 0.44     |
| RCR91207-1                        | 0.33     | 10        | 1.17     | 558       | 8         | 2.49     | 3         | 920      | 39        | 0.91     | <5        | 8         | 444       | <20       | 0.26     |
| RCR91207-2                        | 0.82     | <10       | 1.95     | 1360      | 1         | 1.40     | 64        | 380      | 18        | 2.75     | <5        | 20        | 397       | <20       | 0.50     |
| RCR91207-3                        | 1.38     | <10       | 0.25     | 776       | 1         | 0.13     | 89        | 640      | 16        | 0.03     | 127       | 41        | 36        | <20       | 1.22     |
| RCR91207-4                        | 1.96     | <10       | 0.34     | 1720      | 1         | 0.11     | 129       | 530      | 19        | 0.03     | 50        | 47        | 19        | <20       | 0.57     |
| EC91207-1                         | 1.41     | <10       | 0.29     | 1430      | 1         | 0.40     | 64        | 830      | 11        | 0.01     | 39        | 32        | 37        | <20       | 0.94     |
| EC91207-2                         | 1.03     | <10       | 0.27     | 2580      | 3         | 0.12     | 148       | 630      | 12        | 0.01     | 30        | 48        | 20        | <20       | 0.55     |



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Page: 2 - C  
Total # Pages: 2 (A - C)  
Finalized Date: 1-NOV-2007  
Account: THORGA

Project: FREEDOM #1,2

## CERTIFICATE OF ANALYSIS VA07107251

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|
|                    |                                   | Tl       | U        | V        | W        | Zn       |
|                    |                                   | ppm      | ppm      | ppm      | ppm      | ppm      |
|                    |                                   | 10       | 10       | 1        | 10       | 2        |
| CR9907-1           |                                   | <10      | <10      | 392      | <10      | 105      |
| CR9907-2           |                                   | <10      | 10       | 55       | <10      | 52       |
| CR9907-3           |                                   | <10      | <10      | 191      | <10      | 88       |
| RCR91207-1         |                                   | <10      | <10      | 61       | <10      | 30       |
| RCR91207-2         |                                   | <10      | <10      | 184      | <10      | 80       |
| RCR91207-3         |                                   | <10      | <10      | 417      | 20       | 78       |
| RCR91207-4         |                                   | <10      | <10      | 324      | <10      | 81       |
| EC91207-1          |                                   | <10      | <10      | 378      | 10       | 70       |
| EC91207-2          |                                   | <10      | <10      | 347      | <10      | 84       |

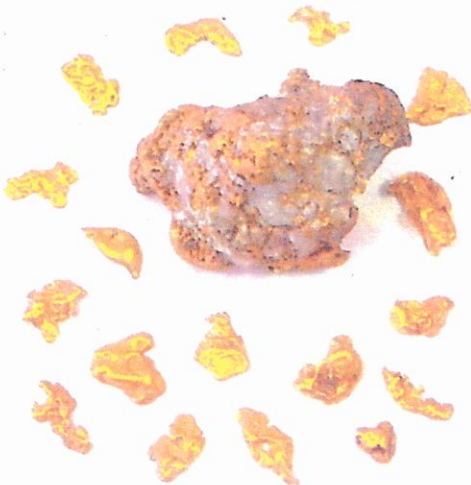
## CONCLUSION

The present geological and geochemical evidence that the local copper mineralization preferentially occurs within volcanic rocks and more specifically, within shear and fracture zones cutting them. This apparent tendency, however, does not rule out the possibility that zones of disseminated copper mineralization may occur in (altered) volcanic rocks flanking the local intrusive stock.

From my observations of the mineralization in outcrop showings and lower water course pH's, along with elevated arsenic, mercury, and manganese samples as "pathfinder" elements, the 279 ppm, 3000ppm, and up to 10,000+ppm Cu results in my assays would be good indicators that a deposit may be in the area.

Geochemical patterns within the areas provide substantive evidence of their presence and tracing some patterns to their source would prove to be a challenge. The terrane itself is a challenge for all but a mountain goat.

I have located four main "Target" areas that I plan to explore further with the forthcoming season, as soon as the snow melts in the high country. One target is to trace a 680 ppm Au and high arsenic result in a water course, and to expand on two areas of high Cu ppm's, and one area with elevated mercury, arsenic, Cu and Au Regional Geochemical Results.

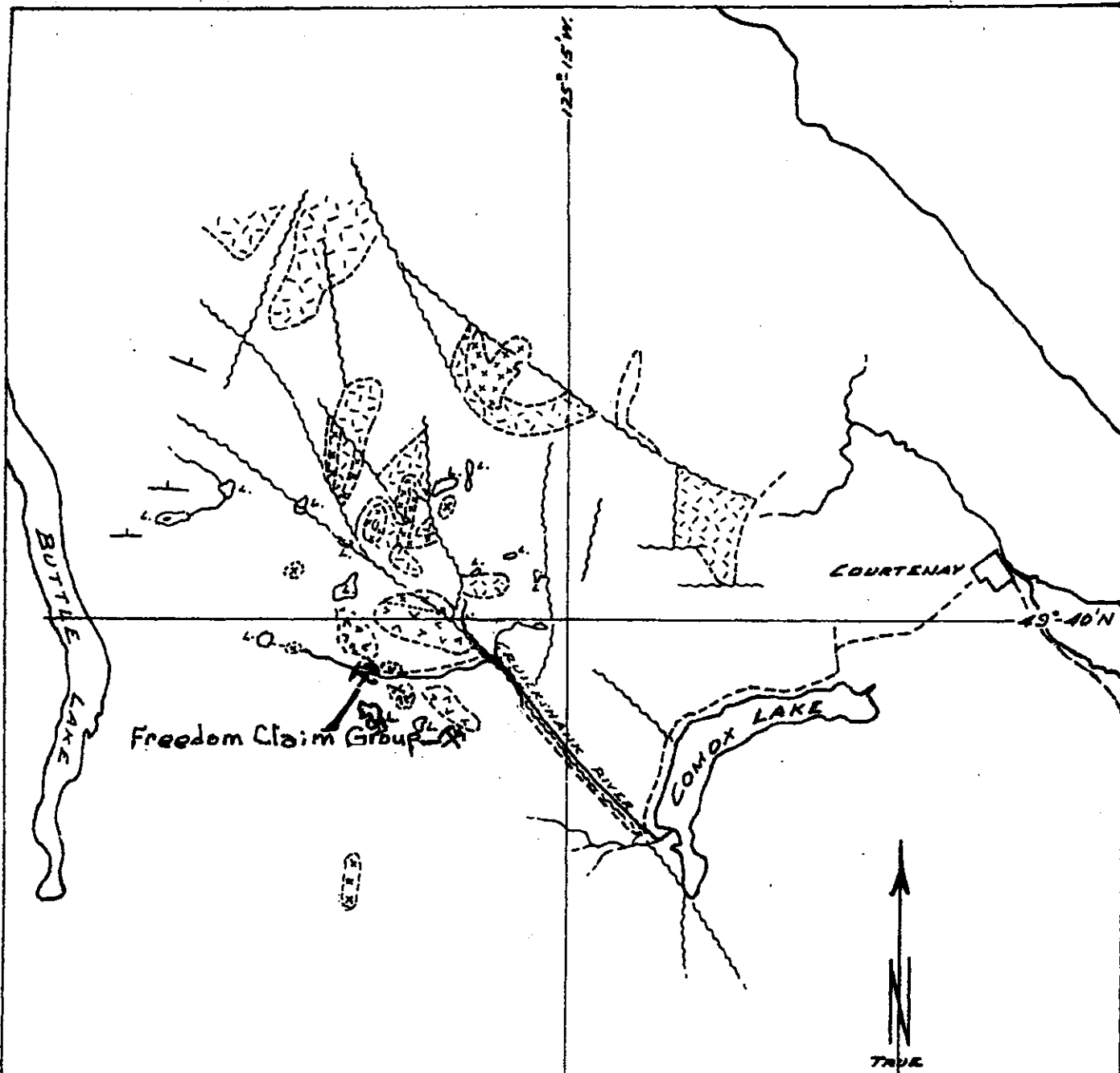


Respectfully Submitted,








G.M. Thorsen  
G. M. Thorsen, Prospector

APPENDIX





**LEGEND:**

-  KARNUTSEN FORMATION BASALTIC VOLCANICS, INCL. LOCAL LAYER ATTITUDE.
-  ISLAND INTRUSIONS: GRANODIORITE, QUARTZ DIORITE, ETC.
-  TERTIARY INTRUSIVES: QUARTZ DIORITE, QUARTZ MONZONITE, ETC.
-  UPPER CRETACEOUS SANDSTONES, SHALES, ETC.
-  FAULT PER G.S.C. MAP 17-1968
-  ROAD
-  LAKE

**FIG. 1.**  
**INDEX MAP**  
**AND**  
**GENERAL GEOLOGY.**

FREEDOM CLAIM GROUP  
NANAIMO MINING DIVISION  
SCALE: 1 IN. = 4 MI.      MAY 2009

## GENERAL GEOLOGY

The Eric Creek section of the Comox map area is principally underlain by basaltic lava of the Upper Triassic Vancouver Group, Karmutsen formation of flows, pillow, breccias, aquagene tuff, and some thin sedimentary layers. The unit is intruded by a granodiorite stock that resembles a sock in shape and is about 6 km. from heel to toe, with the top (3 km. wide) bordering a fault of the Cruickshank River about ½ km. north of the confluence with Eric Creek. Which flows from its source at Faith Lake to the west, to the east and into the Cruickshank River. (see the coloured Geology map Illustration #3).

The general course of the Cruickshank River has been determined by a north-south trending fault that extends from Mt. Joan in the south to Mt. Alexandra to the north.

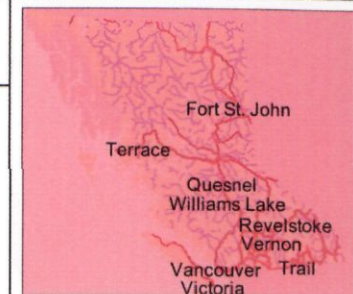
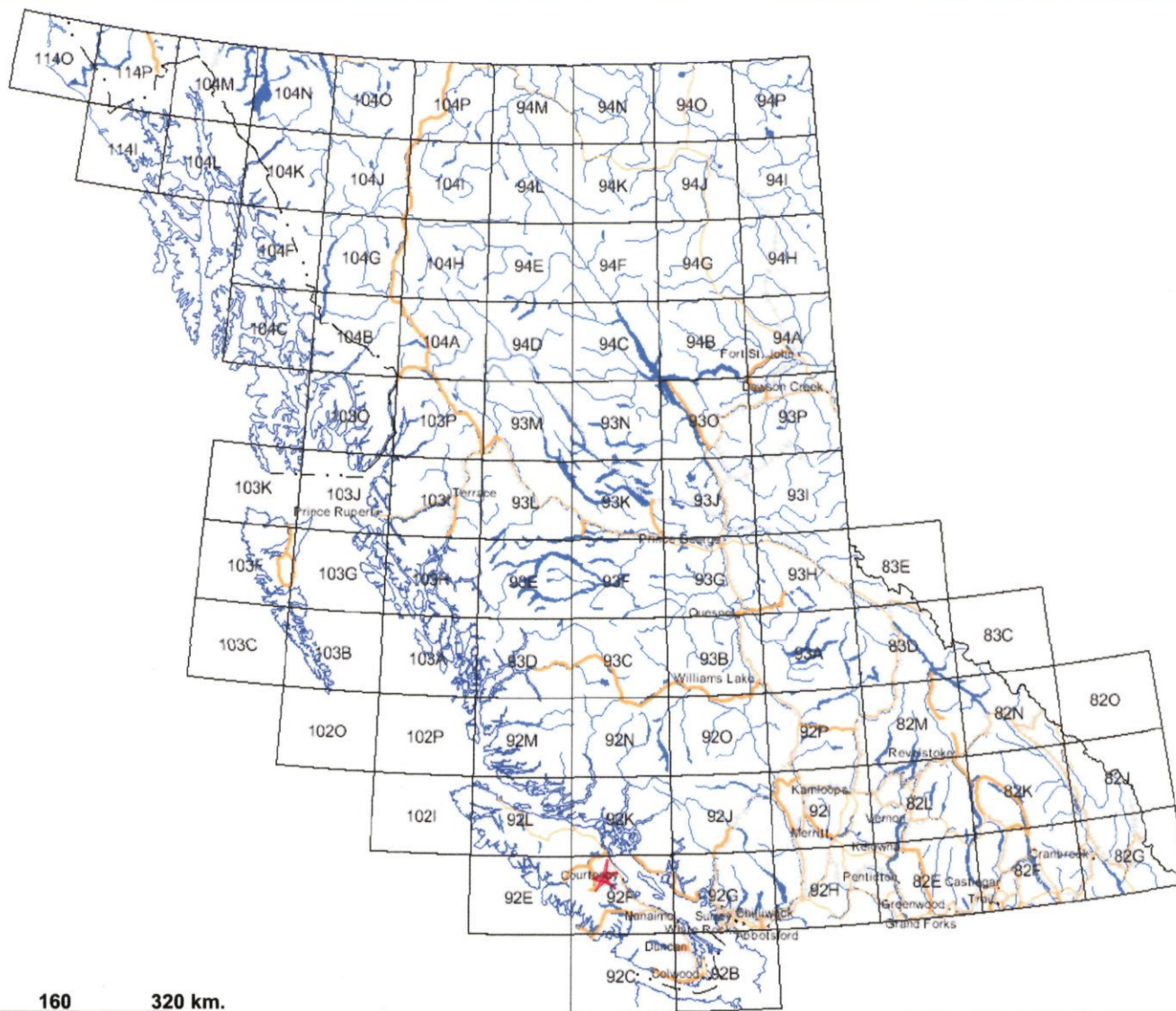
There are also bodies of quartz diorite thought to be related to the Late Eocene to Early Oligocene Mount Washington Intrusive Suite ( Massey, N., Personal Communication).

Alteration consists of malachite, limonite, chlorite, epidote, and silica. With significant minerals being found include chalcopyrite, pyrite, chalcocite, bornite, zinc and magnetite. Mineralization is found around the contact zone with the volcanics and within the granodiorite stock related to the Jura- Cretaceous system of the Vancouver Island Intrusives.

There are three known main showings and one minor occurrence in the general area of my claims. They are Faith Copper ,Minfile # 092F 241, Faith Lake Rim, Minfile # 092F 240 to the west, and Heather, Minfile # 092F 278 to the north-east. There is no previous knowledge of prospecting, staking, or minerals found in my claim group.

There are several areas of outcropping, in the Eric Creek valley and surrounding steep hillsides, with varying sizes of water courses within the "Drainage Basins". The local geology varies from mainly greenstone volcanics to several contacts with the quartz-diorite, granodiorite intrusive stock. Some areas have several feet of glacial till and debris filling the spaces of the host rock and creating tall bluffs of the compacted composite material .

# ★ Freedom Claim Location



## Legend

- Provincial Boundary (1:6M)
- Boundary (International)
- Boundary (Interprovincial)
- NTS Grid
- Transportation - Lines (1:6M)
  - Road - Trunk
  - Road - Main
  - Rail Line
- Water - Lines (1:6M)
  - River/Stream - Definite
  - Lake - Definite
  - Island - Definite
  - Coastline - Definite
- Water - Polygons (1:6M)
  - River/Stream - Definite
  - Lake - Definite
- Major Cities

Fig 2.

0 160 320 km.

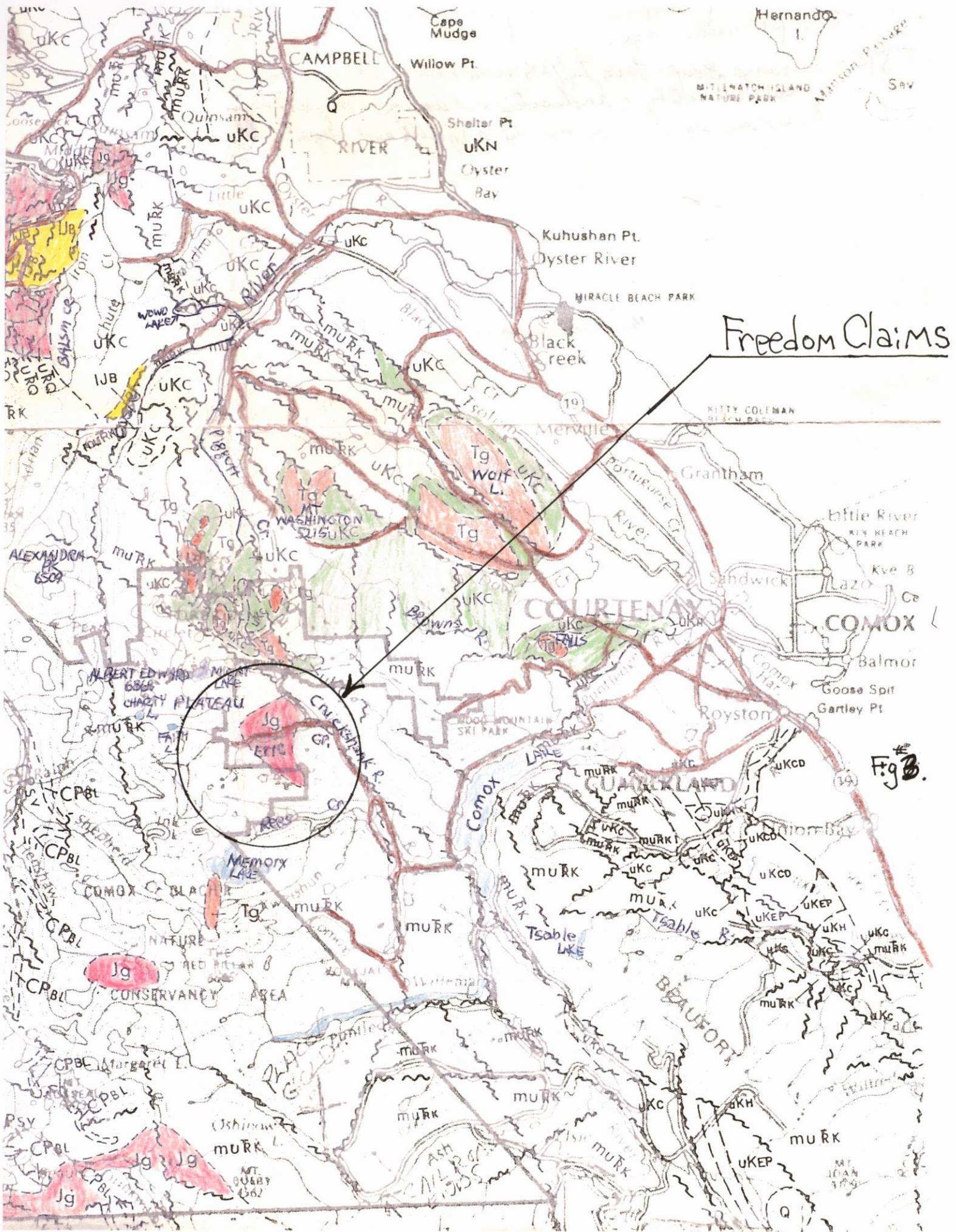
Map center: 54°20' N, 126°5' W



Scale: 1:9,051,719

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

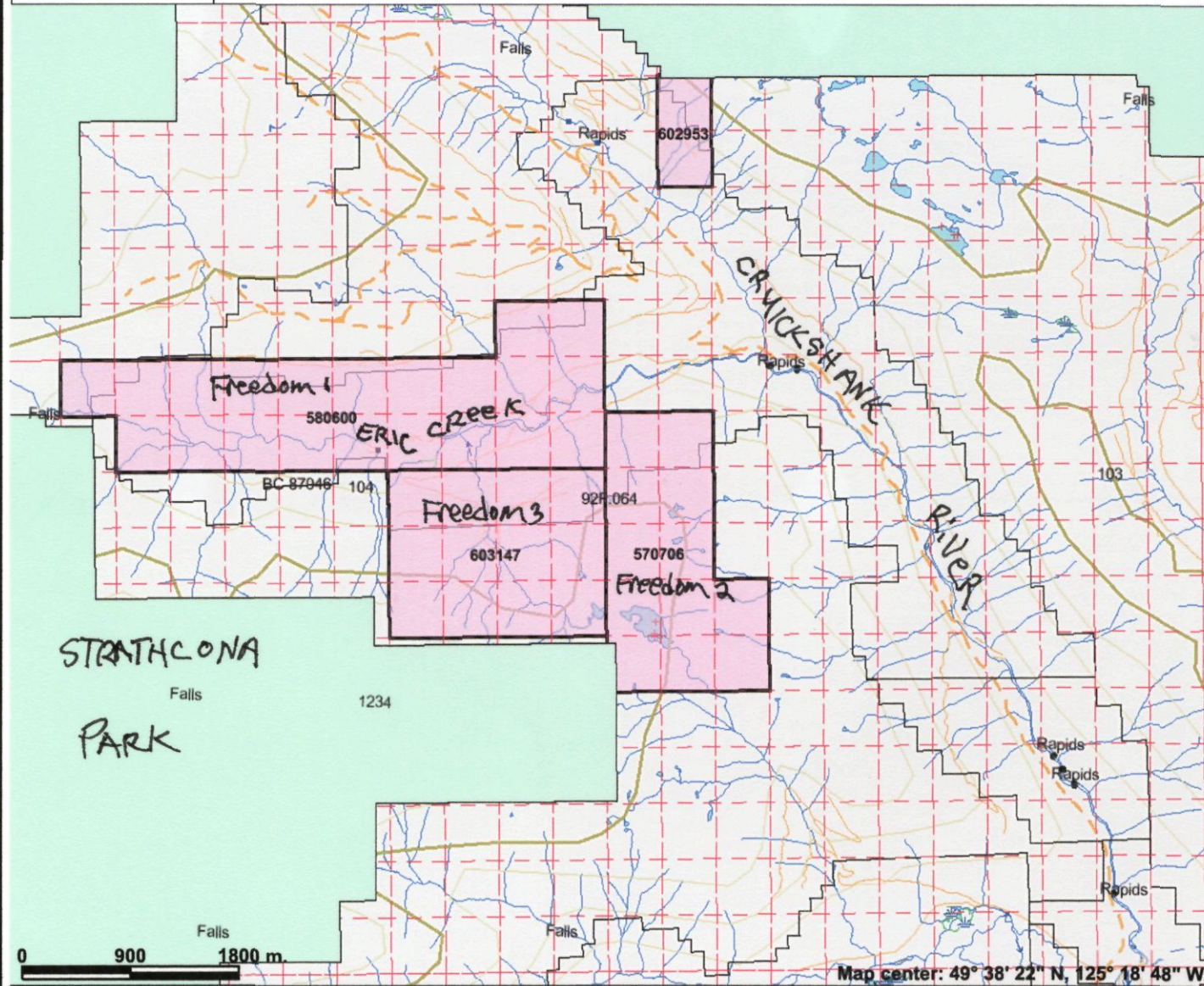
Notes: Assessment Report



Freedom Claims

Fig B

# Thorsen Freedom Claims

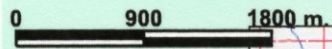


### Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- MTO Grid (MTO)
- Blocked by MEM
- Other
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip

*NTS 92F*

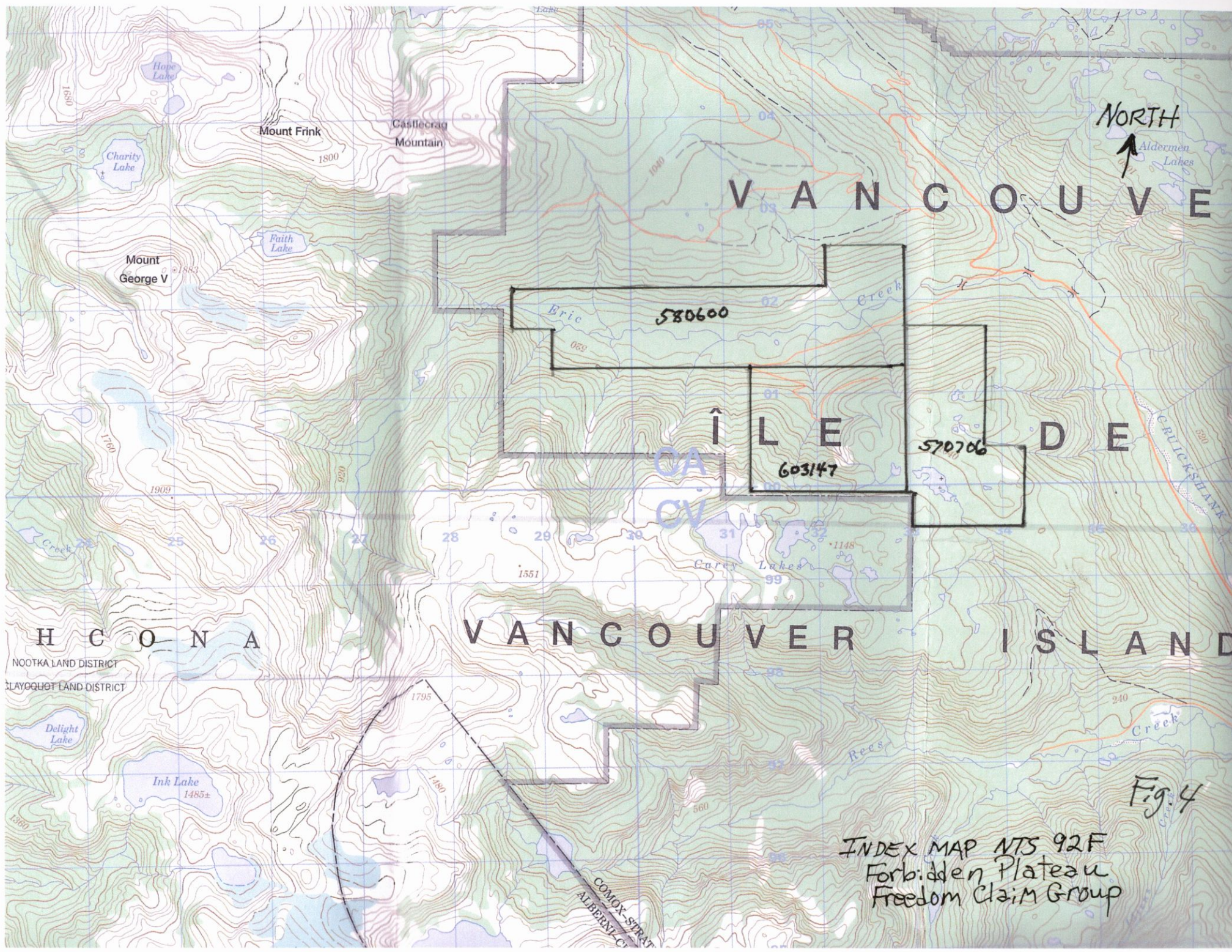
Scale: 1:50,000



Map center: 49° 38' 22" N, 125° 18' 48" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Tenures: 570706, 580600, 603147



NORTH  
↑  
Aldermen Lakes

V A N C O U V E R

580600

603147

570706

CA  
CV

H C O N A

V A N C O U V E R I S L A N D

Fig. 4

INDEX MAP NTS 92F  
Forbidden Plateau  
Freedom Claim Group

NOOTKA LAND DISTRICT  
CLAYQUOT LAND DISTRICT

COMOX STREET  
ALBERNI CREEK



Freedom #1 Claim  
Lat. 49°37'46.09" N  
Long. 125°18'11.55" W  
Elevation: 3338 ft.

North  
↑

Fig. 5



Eric Creek Valley and Claim area #580600 from 18,787 ft.  
Freedom #2

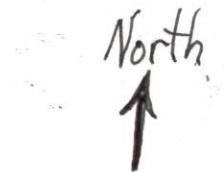






Photo #2 - Above - Moss Matt Sample Panning



Photo #3 Above; Magnetite with Cu-Zn.

Photo #1

Nathan  
GARY  
Thorsen  
MOSS MATT  
SAMPLING  
Eric Creek



Photo # 4



magnetite outcrop with Malachite  $\text{Cu}$  and  $\text{Zn}$

PHOTO #5



Assistant Chris Nystrom at oxidized  
pyrite/chalcopyrite vein above Eric Creek



PYRITE and ChALCOPYRITE VEIN OUTCROP

PHOTO #6



PHOTO #7 Author, Gary THORSEN with Malachite STAINED Cu Boulder

Photo # 8  
Eric Creek Valley

MT. George I

MT. Frink

Castlecrag Mt.

FALLS  
←  
← ROAD ENDS  
OLD Landing →

TAKEN FROM NORTH RIDGE OF FREEDOM 570706

PHOTO #9

Freedom Claim 570706





PHOTO  
#10

Eric Creek MY SON Leif after a hard day of Prospecting and Sampling