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**Technical Report**

on the

**Coxey/ Giant Molybdenum Property**

with comment on the

**Crown Point Deposit**

Rossland Mining Camp  
British Columbia, Canada

GEOLOGICAL SURVEY BRANCH  
A SERVICE OF THE GOVERNMENT OF BRITISH COLUMBIA

2005-038

Prepared for 670178 BC Ltd (Optionee)  
and  
Vangold Resources (Owner)

Dec, 30, 2005

Susan Deane, Geologist

## **Technical Report for Claim Assessment**

This report is a claim work report for work done by 670178 BC Ltd (operator) on claims owned by Vangold Resources around the Rossland BC area during 2005. The main area of interest was in and surrounding the Coxey and Giant claims on Red Mtn. This area is an old Molybdenite mining area from the 1960's. A small amount of work was done exploring the area surrounding the old Crown Point mine, on the Crown Point and Hidden Treasure claims, in the south belt area.

A list of claims and lots involved is attached in Appendix A.

UTM location of rough center of area of interest is 439750E 5437450N

Claim Owner: Vangold Resources

Claim Operator: 670178 BC Ltd.

Written by : Susan Deane, BSC in Geology and 6 years experience in mining exploration.

December 30, 2005

## **Statement of Qualifications**

I, Susan E. Deane, am an independent geological consultant residing at 1832 Butte St., Rossland BC, V0G 1Y0.

I earned a Bachelor of Science degree in Geology from the University of British Columbia at Vancouver BC, in May of 2000.

I have been practicing my profession continuously since graduation.

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## **History of Work Done on Molybdenum Deposits – Red Mtn., BC**

1962 – Exploration begins for molybdenum, by Torwest Resources. They drill old showings on western and upper slopes of Red Mtn. (Fyles)

1966 – 17 drill holes on the Giant claim indicate an open pit reserve of 50,000 tonnes of ore at .18% Mo. This claim was never mined for molybdenum. (Hoy)

1966-1972 – Mining production occurs by Red Mtn. Mines Ltd. (a company owned by Torwest Resources Ltd., Metal Mines Ltd., and Canadian Nickel Company Ltd.). 939,397 tonnes of ore (at ~.2%) are milled, and 1,748,871 kg of molybdenum are recovered from pits A, B, C, D, E and F. (see Map 1) In 1972 it is estimated that 107000 tonnes of ore at .25% Mo was left near surface in the area. Subsequently it was estimated that 1 million tonnes of .24% Mo was present near the mine. (Fyles)

1967 – Cascade Molybdenum Mines Ltd., Scurry-Rainbow Oil Ltd., and Continental Mckinney Mines Ltd drilled the ridge south of Red Mtn. and found a “reasonably assured” near surface reserve of 738,000 tonnes of .23% Mo in 5 ore bodies, plus an equal amount of various grades at depth. (Fyles)

1971 – Indicated reserves for the Novelty and Giant are 706,177 tonnes at .125% Mo. (Hoy)

1972 -1974– Minefinders Inc. of Denver Co. is hired by Inco to explore for more molybdenum. Mapping, geochemistry and geophysics surveys are undertaken. They drill throughout the entire area and find there to be no significant mineralization to the north of the pitted area. Results from this work had not been found. (Pistak)

1980 – Most mineral claims on Red Mtn. are sold to David Minerals Ltd.

1981 – David Minerals drills 9 short holes south of the mine area on the Novelty claim to test for gold and cobalt. They find 244,917 tonnes of ore indicated at .22% Mo (Minfile, Hoy)

2005 – Golden Chalice drills three holes on the Novelty Claim and gets good molybdenum mineralization to the edge of their claim. (Stockwatch)

## **Geological Overview**

The molybdenite mineralization on the western slopes of Red Mtn. is hosted in a breccia complex. The complex is hosted in the Jurassic Elise Formation siltstones and mudstones with occasional cherty siliceous zones. This package of sediments dips shallowly to the west. The breccia complex is largely composed of mm-30m sized fragments of siltstone, mudstone and cherty units of the Jurassic Elise Formation. The sediments are grey beige

finely bedded siltstones and grey black very rusty pyritic mudstones. They are altered to hard hornfels in areas. The matrix between the fragments is generally siliceous with fine rock fragments. Some areas of the complex in the E and F pits show a coarse grained chlorite-rich matrix. (Photo 1) (See Map 1 for distribution of pits) The breccia complex is bounded by bedding at depth and the Jumbo fault to the west. Fyles indicates that the complex likely formed in an early event and was later mineralized in association with the diorite dykes described below.

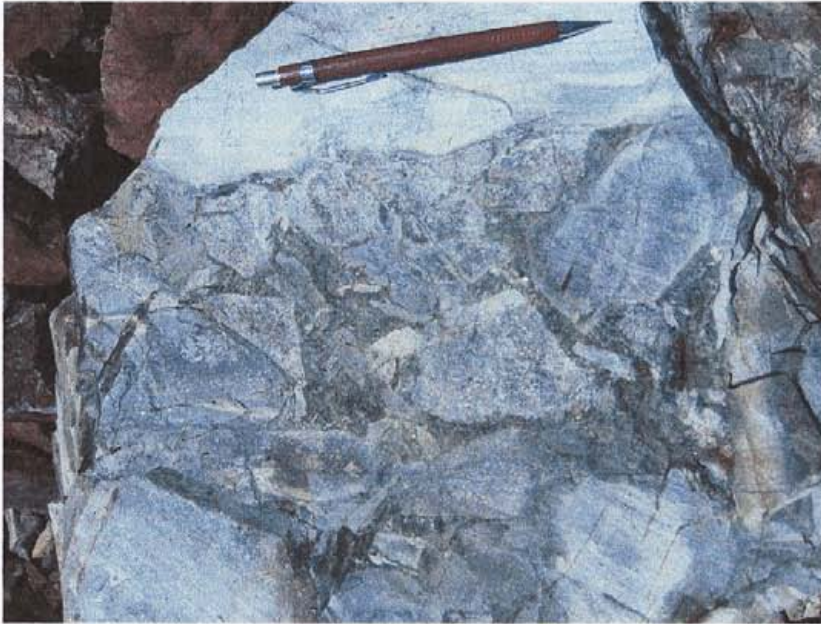


Photo 1 – siltstone breccia with a matrix of coarse grained chlorite. (F pit)

The complex contains diorite breccia dykes that generally run east-west. These dykes appear to be associated with some of the highest grade mineralization.

The area is also cut by abundant mafic (augite porphyry associated with the Rosslund sill) and lamprophyre dykes as well as some andesite dykes and lenses. A large body of andesite bounds part of the breccia complex to the west.

### **Mineralization**

Molybdenum mineralization in the Red Mtn area is confined to the 'breccia complex'. It appears that it may be related to the intrusion of diorite dykes. The ore bodies are somewhat irregular blobs of molybdenite, pyrite, chalcopyrite, scheelite, some pyrrhotite and occasionally magnetite. The mineralization is seen as fine veinlets between sediment fragment, on fractures and as fine disseminated molybdenite in bleached dioritic zones. (Photo 2)

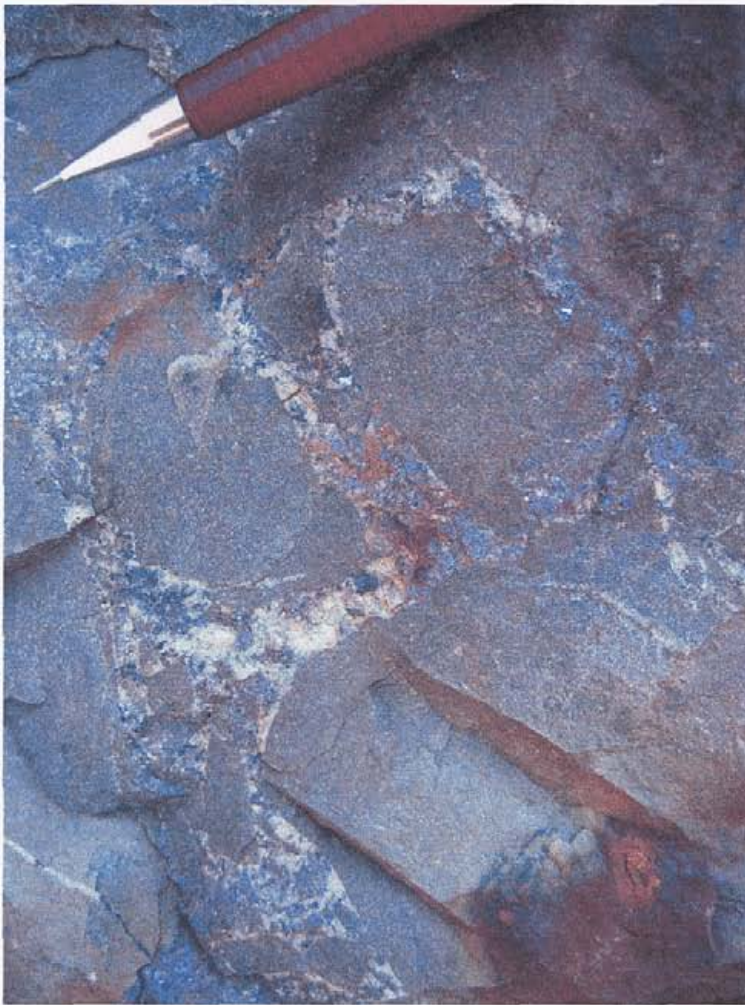


Photo 2 – siltstone breccia showing rich molybdenum mineralization in matrix – Upper A pit wall outcrop.

The ore bodies are cut off and separated by north south trending faults; mainly the upper fault and headwall fault seen on Map 1. The pits are labeled A to F with the A pit being the highest grade and first to be mined.

### **Potential Model for Ore Bodies**

Map 2 shows a potential model for the existence of three ore bodies across the Coxey and Giant claims. The proposal is based on past data, recent drill holes, surface mapping and sampling in the area. The Upper fault and Headwall fault (as seen on Map 1) are known to offset and separate the previously mined pits. The Upper fault separates the A and B pits and the Headwall fault separates the A and Upper A pits. The potential model has been developed using these faults to delineate three potential deposits.

Area 1 – This area appears to have the most potential. Historically the Novelty pit was barely mined due to lack of high enough grade to allow feasibility at the time. A small test pit north of the Novelty pit also found lower grade than required and just north of that on the Coxey, an area was blasted but not mined. Sampling in this area had found high molybdenum values as well as some high gold values associated with the highest grade molybdenum. Results from drilling by Golden Chalice Resources on the Novelty claim indicated a mineralized zone extending past a depth of 160m onto the Giant claim. As well the western corner of the Novelty pit shows very strong sulphide mineralization (pyrite, arsenopyrite, chalcopyrite, and molybdenite) in silicified siltstone breccia flanking an andesite dyke. The mineralization of the Novelty pit is unusual compared with the rest of the mine area in that it contains high gold values. It is likely there maybe more than one phase of mineralization here: a) associated with the diorite dykes and showing strong molybdenum and b) associated with the andesite dykes and lenses showing stronger pyrite, arsenopyrite and chalcopyrite mineralization. However, the assay's taken north of the pit, in the same zone, show a direct correlation between high molybdenum and high gold. This geochemistry seems only present in this area around the Novelty pit between the Headwall fault and the Upper fault.

Area 2 – This area is a possible extension of the high grade A pit. As indicated on Map 2 there is visually high grade molybdenum ore (assays show .5054% Mo over 10m) still present along the north wall of a small pond in the A pit. This is then extended along strike to the south by some good surface samples.

Area 3 – This area shows good potential due to the open ended mineralization of Golden Chalices drill hole 2. Had the hole been continued it would have crossed onto the Giant claim. Further southwest there are two prospective areas that showed moderate molybdenum mineralization but very good gold mineralization.

### **Recommendation for Further Work**

Recommendations for further work include a VLF geophysics survey and drilling of the three proposed prospective areas. A geophysics survey will enable selection of drill targets as well as provide more evidence to support or adjust the proposed model. It is recommended that the survey cover all of the Giant and Coxey claims as well as most of the Nevada and Mountain View claims. This area is only 550m by 1000m. The line spacing has been set at 100m, but tighter line spacing may be pertinent. Such a survey may indicate further drill targets in the broader area of the mine pits.

Drilling is suggested to begin with the proposed area 1. Here drilling has already been done by Golden Chalice Resources and produced good results. Drill holes on both the Giant and Coxey claims flanking the claims lines and stepping out north and south further into the Coxey and Giant claims respectively could define the ore body. (See proposed holes PDH 1-4 on Map 2). Holes 1 and 2 are designed to define the extent of ore to the south, and locate the Upper Fault at depth. Holes 3 and 4 are designed to define the extent of the ore body to the north. Area 2 could be tested with two holes (PDH 5 and 6) along 075/-50. These holes should cross the Headwall Fault and intersect mineralization



associated with the high grade A pit and good assays found to the southeast of the A pit. Area 3 would be the last target and could be tested by drilling a long hole along 250 as shown (PDH 7).

### **Crown Point Area**

Little time has been spent in this area. The location and nature of the mine was established and some research was done. The mine itself was only mined between 1905 and 1906. It produced 714 tonnes of ore, 6065 g silver (8.49 g/t), 9465 g gold (13.24 g/t) and 3600 g copper (5.04 g/t). Little to no information has been found on the mine with the exception of a 1945 hand drawn map of the underground and surface workings.

The deposit is hosted in Jurassic basalt and andesite tuff and may be related to the intrusion of a small Eocene Coryell syenite lens (dyke?) in the area. Tailings from the mine is very rich in pyrrhotite with pyrite and chalcopyrite.

### **Conclusion**

There appears to be excellent potential for a mineable resource in the Giant and Coxey area. Historical data combined with recent mapping, sampling and drilling has defined several potential targets. Geophysical information and drilling will enable definition of the strength and extent of molybdenum and gold mineralization. Due to the current high price of molybdenum, timely progress is of the essence. Drilling was planned to be carried out in the fall of 2005 and a drilling permit was obtained, however, the drilling was not done.

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## **Appendix A**

Crown Granted Mineral Claims held by Vangold Resources Ltd. in the Rossland district.

| Registered Owner               | Lot No.     | Hectares | Claim Name               |
|--------------------------------|-------------|----------|--------------------------|
| Vangold Resources Ltd          | 732         | 17.26    | Silverine                |
| Vangold Resources Ltd          | 457         | 4.27     | Tourmaline               |
| Vangold Resources Ltd          | 531         | 12.66    | Paris Belle              |
| Vangold Resources Ltd          | 729         | 4.03     | La Belle                 |
| Vangold Resources Ltd          | 801         | 7.43     | Evening Star             |
| Vangold Resources Ltd          | 927         | 12.14    | Wolverine No. 2          |
| Vangold Resources Ltd          | 930         | 17.55    | Hidden Treasure          |
| Vangold Resources Ltd          | 933         | 17.96    | Grand Prize              |
| Vangold Resources Ltd          | 936         | 8.04     | Homestake                |
| Vangold Resources Ltd          | 953         | 12.69    | Phoenix                  |
| Vangold Resources Ltd          | 981         | 12.32    | Crown Point              |
| Vangold Resources Ltd          | 987         | 20.36    | Celtic Queen             |
| Vangold Resources Ltd          | 995         | 15.78    | Monday                   |
| Vangold Resources Ltd          | 998         | 19.51    | Derby                    |
| Vangold Resources Ltd          | 1047        | 14.16    | Hattie Brown             |
| Vangold Resources Ltd          | 1050        | 7.53     | Gopher                   |
| Vangold Resources Ltd          | 1052        | 4.81     | Lily May                 |
| Vangold Resources Ltd          | 1053 & 1210 | 31.40    | Bluebird Production Area |
| Vangold Resources Ltd          | 1058        | 15.23    | Fairview                 |
| Vangold Resources Ltd          | 1059        | 8.22     | Black Horse              |
| Vangold Resources Ltd          | 1080        | 1.17     | Little Jack Fraction     |
| Vangold Resources Ltd          | 1127        | 12.50    | Eden                     |
| Vangold Resources Ltd          | 1161        | 6.14     | Sunday Sun No. 2         |
| Vangold Resources Ltd          | 1187        | 5.61     | R. Lee                   |
| Vangold Resources Ltd          | 1208        | 16.02    | St. Paul                 |
| Vangold Resources Ltd          | 1212        | 11.86    | April Fool               |
| Vangold Resources Ltd          | 1213        | 12.28    | Venus                    |
| Vangold Resources Ltd          | 1227        | 13.26    | Badger                   |
| Vangold Resources Ltd          | 1232        | 5.58     | Green Crown              |
| Vangold Resources Ltd          | 1233        | 14.04    | Young America            |
| Vangold Resources Ltd          | 1274        | 18.01    | Mayflower No. 2          |
| Vangold Resources Ltd          | 1278        | 10.32    | Tuesday                  |
| Vangold Resources Ltd          | 1280        | 20.83    | Blue Elephant            |
| Vangold Resources Ltd          | 1282        | 16.66    | Consolation              |
| Vangold Resources Ltd          | 1283        | 9.4      | Camp Bird                |
| Vangold Resources Ltd          | 1287        | 7.61     | Wide West                |
| Vangold Resources Ltd          | 1292        | 20.90    | Robert E. Lee            |
| Vangold Resources Ltd          | 1293        | 13.09    | Maid of Erin             |
| Vangold Resources Ltd          | 1339        | 18.51    | Rainy Day                |
| Vangold Resources Ltd          | 1349        | 18.15    | Golden Dawn              |
| Vangold Resources Ltd          | 1493        | 17.81    | Rhoderick Dhu            |
| Vangold Resources Ltd          | 1506        | 14.02    | Alfe                     |
| Vangold Resources Ltd          | 1508        | 12.53    | Richmond                 |
| Vangold Resources Ltd          | 1615        | 9.19     | Red Eagle                |
| Vangold Resources Ltd          | 1617        | 5.85     | Old Hundred              |
| Vangold Resources Ltd          | 1689        | 6.50     | St. Charles              |
| Vangold Resources Ltd          | 1690        | 6.91     | Joker                    |
| Vangold Resources Ltd          | 1694        | 5.35     | Modena                   |
| Vangold Resources Ltd          | 1821        | 9.61     | Black Rock               |
| Vangold Resources Ltd          | 2195        | 13.84    | Runover                  |
| Vangold Resources Ltd          | 2520        | 4.01     | Spitzee Fraction         |
| Vangold Resources Ltd          | 2980        | 6.25     | Esmeralda Fraction       |
| Vangold Resources Ltd          | 3297        | 12.60    | Fool Hen                 |
| Vangold Resources Ltd          | 3296        | 4.59     | Tat Fraction             |
| Vangold Resources Ltd          | 4668        | 0.53     | Georgia Fraction         |
| Vangold Resources Ltd          | 4920        | 3.57     | Ella Fraction            |
| Vangold Resources Ltd          | 11468       | 6.95     | Alcome Fraction          |
| Vangold Resources Ltd          | 11475       | 4.49     | St Peter Fraction        |
| Vangold Resources Ltd          | 13116       | 5.83     | Snowflake Fraction       |
| Vangold Resources Ltd          | 13117       | 10.63    | Friday                   |
| PENDING Agreement <sup>2</sup> | 641         | 8.25     | High Ore                 |
| PENDING Agreement <sup>2</sup> | 965         | 8.36     | Jumbo                    |
| PENDING Agreement <sup>2</sup> | 1829        | 3.72     | Ophir                    |

Reverted Crown Granted Mineral Claims held by Vangold Resources Ltd., Rossland district.

| Registered Owner      | Tenure No. | Hectares | Units | Claim Name              |
|-----------------------|------------|----------|-------|-------------------------|
| Vangold Resources Ltd | 257470     | 15.43    | 1     | Georgia                 |
| "                     | 257709     | 10.96    | 1     | White Swan              |
| "                     | 257611     | 12.18    | 1     | Hattie                  |
| "                     | 257478     | 8.12     | 1     | Iron Colt               |
| "                     | 404503     | 1.70     | 1     | Rockingham              |
| "                     | 404504     | 3.19     | 1     | You Know                |
| "                     | 404505     | 0.10     | 1     | Rockingham Fractional   |
| "                     | 404506     | 0.09     | 1     | No. 1 Fractional        |
| "                     | 404507     | 0.96     | 1     | Annie Fraction          |
| "                     | 404508     | 0.03     | 1     | Le Roi Annie Fractional |
| "                     | 404489     | 6.33     | 1     | Mountain View           |
| "                     | 404490     | 20.90    | 1     | Eureka                  |
| "                     | 404491     | 11.70    | 1     | Evening                 |
| "                     | 404492     | 20.90    | 1     | California              |
| "                     | 404493     | 13.63    | 1     | Nevada                  |
| "                     | 404495     | 17.00    | 1     | Giant                   |
| "                     | 404496     | 16.09    | 1     | San Francisco           |
| "                     | 404497     | 15.64    | 1     | Gold King               |
| "                     | 404498     | 3.92     | 1     | Peak                    |
| "                     | 404499     | 12.33    | 1     | Mariposa                |
| "                     | 404500     | 16.53    | 1     | Coxey                   |
| "                     | 404501     | 0.92     | 1     | Sam Hayes               |
| "                     | 404502     | 0.15     | 1     | St Patrick Fractional   |

Located Mineral Claims held by Vangold Resources Ltd. in the Rossland district.

| Registered Owner      | Tenure No. | Hectares (approx) | Units | Claim Name         |
|-----------------------|------------|-------------------|-------|--------------------|
| Vangold Resources Ltd | 343450     | 25.0              | 1     | PVM 1              |
| "                     | 343451     | 7.4               | 1     | PVM 2              |
| "                     | 343452     | 17.0              | 1     | PVM 3              |
| "                     | 343453     | 16.0              | 1     | PVM 4              |
| "                     | 315644     | 285.0             | 15    | Golf               |
| "                     | 326536     | 2.5               | 1     | Hawthorne #1       |
| "                     | 326537     | 7.0               | 1     | Hawthorne #2       |
| "                     | 326538     | 22.5              | 1     | Hawthorne #3       |
| "                     | 326539     | 8.0               | 1     | Hawthorne #4       |
| "                     | 326540     | 6.7               | 1     | Hawthorne #5       |
| "                     | 257762     | 0.2               | 1     | Antelope 40 Fract. |
| "                     | 257646     | 12.5              | 1     | Antelope 1 Fract.  |
| "                     | 257647     | 7.6               | 1     | Antelope 2 Fract.  |
| "                     | 257648     | 1.0               | 1     | Antelope 3 Fract.  |
| "                     | 257649     | 1.0               | 1     | Antelope 4 Fract.  |
| "                     | 257686     | 22.0              | 1     | Antelope 16 Fract. |
| "                     | 257688     | 8.5               | 1     | Antelope 18 Fract. |
| "                     | 326598     | 15.0              | 1     | Wild Rose #1       |
| "                     | 326597     | 18.5              | 1     | Jack #1            |
| "                     | 326766     | 9.0               | 1     | Eden Fraction      |
| "                     | 326767     | 6.0               | 1     | Sage Fraction      |
| "                     | 257690     | 16.0              | 1     | Bender 10          |
| "                     | 257691     | 13.4              | 1     | Bender 11          |
| "                     | 257692     | 16.0              | 1     | Bender 12          |

## **Appendix B**

Sample Data from Coxey and Giant Claims

| Sample # | Date    | Type  | Length(m) | Claim | Lithology  | Notes  | ELEMENT Mo |       | Cu    | Ni    | Co    | Ag**  | Au**  |
|----------|---------|-------|-----------|-------|------------|--|------------|-------|-------|-------|-------|-------|-------|
|          |         |       |           |       |            |  | SAMPLES    | %     |       |       |       |       |       |
| 7551     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7551,7552,7553,7554)   | 7551       | 0.888 | 0.023 | 0.003 | 0.008 | <2    | 0.84  |
| 7552     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7551,7552,7553,7554) - moly veinlets                                       | 7552       | 4.283 | 0.018 | 0.014 | 0.091 | <2    | 3.07  |
| 7553     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7551,7552,7553,7554)   | 7553       | 0.017 | 0.012 | 0.001 | 0.001 | <2    | 0.06  |
| 7554     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7551,7552,7553,7554) - these chips =1.3% Mo and 1.0g/t Au over 2.8m        | 7554       | 0.011 | 0.014 | <.001 | <.001 | <2    | 0.05  |
| 7555     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7555,7556,7557,7558)   | 7555       | 0.028 | 0.015 | 0.001 | 0.008 | <2    | 1.14  |
| 7556     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7555,7556,7557,7558)   | 7556       | 0.012 | 0.013 | 0.001 | 0.001 | <2    | 0.12  |
| 7557     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7555,7556,7557,7558) - moly veinlets                                       | 7557       | 5.266 | 0.057 | 0.024 | 0.155 | <2    | 8.33  |
| 7558     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 4 (7555,7556,7557,7558) - these chips =1.35% Mo and 2.5g/t Au over 2.8m       | 7558       | 0.08  | 0.035 | 0.006 | 0.018 | <2    | 0.58  |
| 7559     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 2 (7559,7560) - moly veinlets   | 7559       | 0.19  | 0.063 | 0.005 | 0.028 | <2    | 0.34  |
| 7560     | 6/30/05 | chip  | 0.7       | Coxey | Slst Bx    | 1 of 2 (7559,7560)   | 7560       | 0.028 | 0.014 | 0.002 | 0.003 | <2    | 0.07  |
| 7561     | 6/30/05 | BLANK |           |       |            |  | 7561       | 0.002 | <.001 | <.001 | <.001 | <2    | 0.01  |
| 7562     | 6/30/05 | chip  | 1.5       | Coxey | Slst Bx    | chip across bleached moly rich zone trending 133                                   | 7562       | 0.169 | 0.013 | 0.004 | 0.024 | <2    | 0.44  |
| 7563     | 6/30/05 | chip  | 1.5       | Coxey | Slst Bx    | chip across bleached moly rich zone trending 133                                   | 7563       | 0.899 | 0.015 | <.001 | <.001 | <2    | 0.02  |
| 7564     | 7/01/05 | chip  | 1         | Coxey | Slst Bx    | 1 of 3 (7564,7565,7566) - weak moly  | 7564       | 0.103 | 0.047 | 0.001 | <.001 | <2    | 0.05  |
| 7565     | 7/01/05 | chip  | 1         | Coxey | Slst Bx    | 1 of 3 (7564,7565,7566) - moly veinlets  | 7565       | 1.621 | 0.327 | <.001 | <.001 | 2     | 0.07  |
| 7566     | 7/01/05 | chip  | 1         | Coxey | Slst Bx    | 1 of 3 (7564,7565,7566) - rich moly pod in 'hole' - these chips = 0.79% Mo over 3m | 7566       | 0.64  | 0.035 | <.001 | <.001 | <2    | 0.02  |
| 7567     | 7/04/05 | chip  | 1         | Coxey | Slst       | 1 of 3 (7567,7568,7569) - shoulder   | 7567       | 0.005 | 0.02  | 0.001 | 0.001 | <2    | 0.02  |
| 7568     | 7/04/05 | chip  | 1         | Coxey | Slst       | 1 of 3 (7567,7568,7569) - sheared bleached pod                                     | 7568       | 0.008 | 0.049 | 0.001 | 0.001 | <2    | 0.02  |
| 7569     | 7/04/05 | chip  | 1         | Coxey | Slst       | 1 of 3 (7567,7568,7569) - shoulder   | 7569       | 0.015 | 0.013 | 0.001 | <.001 | <2    | 0.02  |
| 7570     | 7/04/05 | BLANK |           |       |            |  | 7570       | <.001 | 0.001 | <.001 | <.001 | <2    | <.01  |
| 7571     | 7/04/05 | chip  | 1         | Coxey | Slst       | 1 of 3 (7571,7572,7573) - S silicified slst w/ 1-5% fine dissemin py               | 7571       | 0.001 | 0.046 | <.001 | 0.001 | <2    | 0.01  |
|          |         |       |           |       |            |  | RE 7571    | 0.001 | 0.044 | 0.001 | 0.001 | <2    | 0.02  |
| 7572     | 7/04/05 | chip  | 1         | Coxey | Slst       | 1 of 3 (7571,7572,7573) - S silicified slst w/ 1-5% fine dissemin py               | 7572       | 0.002 | 0.013 | 0.001 | 0.001 | <2    | <.01  |
| 7573     | 7/04/05 | chip  | 1         | Coxey | Slst       | 1 of 3 (7571,7572,7573) - S silicified slst w/ 1-5% fine dissemin py               | 7573       | 0.002 | 0.017 | 0.003 | 0.001 | <2    | <.01  |
| 7574     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 5 (7574,7575,7576,7577,7578) - S silic. Slst w/ 0-2% MoS2 and wk py,cpy       | 7574       | 0.284 | 0.11  | 0.005 | 0.002 | 3     | 0.16  |
| 7575     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 5 (7574,7575,7576,7577,7578) - S silic. Slst w/ 0-2% MoS2 and wk py,cpy       | 7575       | 0.387 | 0.017 | 0.004 | 0.001 | <2    | 0.02  |
| 7576     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 5 (7574,7575,7576,7577,7578) - S silic. Slst w/ 0-2% MoS2 and wk py,cpy       | 7576       | 1.094 | 0.054 | 0.005 | 0.001 | <2    | 0.05  |
| 7577     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 5 (7574,7575,7576,7577,7578) - S silic. Slst w/ 0-2% MoS2 and wk py,cpy       | 7577       | 0.117 | 0.009 | 0.006 | 0.001 | <2    | 0.01  |
| 7578     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 5 (7574,7575,7576,7577,7578) - S silic. Slst w/ 0-2% MoS2 and wk py,cpy       | 7578       | 0.725 | 0.016 | 0.005 | 0.001 | <2    | 0.03  |
| 7579     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 3 (7579,7581,7582) - S silic. Slst w/ trace of fine MoS2 vnfts                | 7579       | 0.053 | 0.002 | 0.009 | <.001 | <2    | <.01  |
| 7580     | 7/14/05 | BLANK |           |       |            |  | 7580       | 0.002 | 0.001 | 0.001 | 0.007 | <2    | <.01  |
| 7581     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 3 (7579,7581,7582) - S silic. Slst w/ trace of fine MoS2 vnfts                | 7581       | 0.042 | 0.006 | 0.015 | 0.001 | <2    | <.01  |
| 7582     | 7/14/05 | chip  | 2         | Coxey | Slst       | 1 of 3 (7579,7581,7582) - S silic. Slst w/ trace of fine MoS2 vnfts                | 7582       | 0.084 | 0.01  | 0.005 | 0.001 | <2    | 0.01  |
| 7583     | 7/25/05 | chip  | 1         | Giant | Slst Bx    | 1 of 6 (7583-7588) - Siltstone breccia with few fine MoS2 vnfts                    | 7583       | 0.077 | 0.011 | 0.001 | 0.001 | <2    | 0.02  |
| 7584     | 7/25/05 | chip  | 1         | Giant | Slst Bx    | 2 of 6 (7583-7588) - Siltstone breccia with few fine MoS2 vnfts                    | 7584       | 0.245 | 0.007 | 0.002 | 0.001 | <2    | 0.03  |
| 7585     | 7/25/05 | chip  | 1         | Giant | Slst Bx    | 3 of 6 (7583-7588) - Siltstone breccia with few fine MoS2 vnfts                    | 7585       | 0.477 | 0.009 | 0.001 | 0.001 | <2    | 0.06  |
| 7586     | 7/25/05 | chip  | 1         | Giant | Slst Bx    | 4 of 6 (7583-7588) - Siltstone breccia with few fine MoS2 vnfts                    | 7586       | 0.138 | 0.004 | 0.001 | 0.001 | <2    | 0.04  |
| 7587     | 7/25/05 | chip  | 1         | Giant | Slst Bx    | 5 of 6 (7583-7588) - Siltstone breccia with few fine MoS2 vnfts                    | 7587       | 0.257 | 0.033 | 0.002 | 0.001 | <2    | 0.04  |
| 7588     | 7/25/05 | chip  | 1         | Giant | Slst Bx    | 6 of 6 (7583-7588) - Siltstone breccia with few fine MoS2 vnfts                    | 7588       | 0.306 | 0.024 | 0.003 | 0.001 | <2    | 0.08  |
| 7589     | 7/25/05 | STD   | CU115     | Giant |            |  | 7589       | 0.021 | 0.993 | <.001 | <.001 | 72    | 0.05  |
| 7590     | 7/27/05 | grab  |           | Giant | Diorite bx | some pelite fragments in diorite; trace-1% py, cpy, MoS2 finely disseminated       | 7590       | 0.029 | 0.021 | <2    | 0.001 | 0.001 | 0.04  |
| 7591     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 1 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7591       | 0.004 | 0.002 | <2    | 0.01  | 0.102 | 2.23  |
| 7592     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 2 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7592       | 0.043 | 0.002 | <2    | 0.009 | 0.03  | 0.94  |
| 7593     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 3 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7593       | 0.019 | 0.002 | <2    | 0.005 | 0.012 | 0.35  |
| 7594     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 4 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7594       | 0.007 | 0.001 | <2    | 0.006 | 0.013 | 0.39  |
| 7595     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 5 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7595       | 0.026 | 0.001 | <2    | 0.021 | 0.053 | 5.55  |
| 7596     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 6 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7596       | 0.02  | 0.003 | <2    | 0.087 | 0.186 | 15.07 |
| 7597     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 7 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7597       | 0.002 | 0.001 | <2    | 0.027 | 0.066 | 4.4   |
| 7598     | 7/27/05 | chip  | 1         | Giant | Slst Bx    | 8 of 12 flanking mafic dyke; 1-3% py, cpy, MoS2; similar to Novelty pit            | 7598       | 0.003 | <.001 | <2    | 0.009 | 0.032 | 0.47  |

| Sample # | Date    | Type  | Length(m) | Claim | Lithology | Notes   | ELEMENT Mo   |       | Cu    | Ni    | Co    | Ag**  | Au** |
|----------|---------|-------|-----------|-------|-----------|---|--------------|-------|-------|-------|-------|-------|------|
|          |         |       |           |       |           |   | SAMPLES      | %     |       |       |       |       |      |
| 7599     | 7/27/05 | chip  | 1         | Giant | Slst Bx   | 9 of 12 flanking mafic dyke; 1-3% py,cpy,MoS2; similar to Novelty pit                           | 7599         | 0.007 | 0.001 | <2    | 0.082 | 0.206 | 1.69 |
| 7600     | 7/27/05 | chip  | 1         | Giant | Slst Bx   | 10 of 12 flanking mafic dyke; 1-3% py,cpy,MoS2; similar to Novelty pit                          | 7600         | 0.008 | 0.002 | <2    | 0.168 | 0.533 | 6.38 |
| 7601     | 7/27/05 | chip  | 1         | Giant | Slst Bx   | 11 of 12 flanking mafic dyke; 1-3% py,cpy,MoS2; similar to Novelty pit                          | 7601         | 0.009 | 0.001 | <2    | 0.036 | 0.16  | 4.94 |
| 7602     | 7/27/05 | chip  | 1         | Giant | Slst Bx   | 12 of 12 flanking mafic dyke; 1-3% py,cpy,MoS2; similar to Novelty pit                          | 7602         | 0.005 | 0.001 | <2    | 0.012 | 0.064 | 1.45 |
| 7603     | 7/27/05 | STD   |           | PM409 | Giant     |   | 7603         | 0.001 | 0.003 | <2    | 0.003 | 0.001 | 1.06 |
| 7604     | 7/27/05 | grab  |           |       | Giant     | mst gossan very rusty mst hnfils with gossan running 084; sericitic; rich biotite; 3-10% py,cpy | 7604         | 0.002 | 0.04  | 42    | <.001 | 0.001 | 2.51 |
| 7605     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 5 across silicified rusty zone right off access trail; 1-3% as, po, mo, cpy                | 7605         | 0.011 | 0.002 | 0.005 | 0.069 | <2    | 2.86 |
| 7606     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 5 across silicified rusty zone right off access trail; 1-3% as, po, mo, cpy                | 7606         | 0.025 | 0.001 | 0.011 | 0.07  | <2    | 1.69 |
| 7607     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 5 across silicified rusty zone right off access trail; 1-3% as, po, mo, cpy                | 7607         | 0.015 | 0.006 | 0.011 | 0.029 | <2    | 1.22 |
| 7608     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 5 across silicified rusty zone right off access trail; 1-3% as, po, mo, cpy                | 7608         | 0.001 | 0.02  | 0.007 | 0.006 | <2    | 0.07 |
| 7609     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 5 across silicified rusty zone right off access trail; 1-3% as, po, mo, cpy                | 7609         | 0.001 | 0.026 | 0.002 | 0.001 | <2    | 0.05 |
| 7610     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7 across dark green chloritic slst/mst bx adjacent andesite dike                           | 7610         | 0.003 | 0.022 | 0.002 | 0.008 | <2    | 0.15 |
| 7611     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7; silicified bx; up to 2% mo, po, as, cpy all together                                    | 7611         | 0.018 | 0.006 | 0.014 | 0.153 | <2    | 7.56 |
| 7612     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7; silicified bx; 1% as, 1% mo, trace po and cpy   | 7612         | 0.009 | 0.004 | 0.008 | 0.089 | <2    | 1.58 |
| 7613     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7; silicified bx with common veinlets of mo, as, po (~1-2% all together)                   | 7613         | 0.006 | 0.003 | 0.007 | 0.055 | <2    | 1.22 |
| 7614     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7; silicified (looks hornfelsed); trace-2% as, mo, po disseminated and vnlt                | 7614         | 0.002 | 0.007 | 0.007 | 0.01  | <2    | 0.04 |
| 7615     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7; shear zone through slst/mst bx  | 7615         | <.001 | 0.004 | 0.004 | 0.005 | <2    | 0.02 |
| 7616     | 9/19/05 | chip  | 1         | Giant | Slst Bx   | 1 of 7; silicified bx; trace-2% as,po vnlt and disseminated                                     | 7616         | 0.002 | 0.004 | 0.004 | 0.017 | <2    | 1.36 |
| 7617     | 9/19/05 | STD   |           | PM409 |           |   | 7617 (pulp); | 0.001 | 0.003 | 0.003 | 0.001 | 2     | 1.12 |
| 7618     | 9/19/05 | BLANK |           |       |           |   | 7618         | <.001 | <.001 | <.001 | <.001 | <2    | <.01 |
| 7619     | 9/22/05 | grab  |           |       | Giant     | mst/slst old trench; silicified mst/slst with 1-2.5% as disseminated and vnlt                   | 7619         | 0.003 | 0.002 | 0.005 | 0.016 | <2    | 0.5  |
| 7620     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic. Mst/slst; Mo vnlt (1-2%) and 1-3% as pods and vnlt; epidote w/ as                | 7620         | 0.027 | 0.003 | 0.008 | 0.048 | <2    | 4.31 |
| 7621     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic. Mst/slst bx with trace Mo, 2% disse clots of as                                  | 7621         | 0.005 | 0.003 | 0.01  | 0.033 | <2    | 1.23 |
| 7622     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic slst bx with 2-3% disse as clots  | 7622         | 0.004 | 0.004 | 0.006 | 0.018 | <2    | 0.63 |
| 7623     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic slst bx with 1-2% disse as clots  | 7623         | 0.005 | 0.015 | 0.007 | 0.016 | <2    | 0.65 |
| 7624     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic slst bx w/ 2-3% As disse and vnlt; black rust around As                           | 7624         | 0.025 | 0.004 | 0.013 | 0.052 | <2    | 5.08 |
| 7625     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic slst/mst bx w/ .5-1.5% disse As; trace euhedral pyrite                            | 7625         | 0.031 | 0.004 | 0.026 | 0.16  | <2    | 7.68 |
| 7626     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 7; silic slst bx w/ .5% finely disse As  | 7626         | 0.002 | 0.001 | 0.012 | 0.096 | <2    | 2.18 |
| 7627     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 6; silic slst bx w/ local pods of 1-2% As  | 7627         | 0.002 | 0.002 | 0.035 | 0.096 | <2    | 2.26 |
| 7628     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 6; silic slst bx; trace of v fine As disse   | 7628         | 0.002 | 0.001 | 0.07  | 0.206 | <2    | 0.4  |
| 7629     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 6; silic slst bx w/ trace of disse As  | 7629         | 0.008 | 0.004 | 0.05  | 0.067 | <2    | 6.11 |
| 7630     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 6; silic slst bx w/ tr-5% disse As and trace Mo  | 7630         | 0.002 | 0.001 | 0.016 | 0.027 | <2    | 0.14 |
| 7631     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 6; silic slst bx w/ tr-5% disse As; common epidote vnlt                                    | 7631         | 0.005 | <.001 | 0.003 | 0.006 | <2    | 0.47 |
| 7632     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 6; silic slst bx; tr As  | 7632         | 0.003 | 0.001 | 0.002 | 0.004 | <2    | 0.11 |
| 7633     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 2; silic slst bx   | RE 7633      | 0.068 | 0.004 | 0.009 | 0.003 | <2    | 0.16 |
| 7634     | 9/22/05 | chip  | 1         | Giant | slst bx   | 1 of 2; silic slst bx; tr As, tr Mo   | 7634         | 0.131 | 0.01  | 0.005 | 0.003 | <2    | 0.07 |
| 7635     | 9/22/05 | STD   |           | CU115 |           |   | 7635 (pulp); | 0.022 | 1.007 | <.001 | <.001 | 73    | 0.02 |
| 7636     | 9/22/05 | BLANK |           |       |           |   | 7636         | <.001 | 0.002 | <.001 | <.001 | <2    | 0.01 |



## **Appendix C**



ASSAY CERTIFICATE



Vangold Resources Ltd. File # A503021

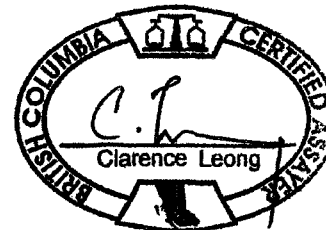
1730 - 650 W. Georgia St., Vancouver BC V6B 4N9 Submitted by: Dal S. Bryneisen

| SAMPLE#            | Mo %  | Cu % | Co % | Ag** gm/mt | Au** gm/mt |
|--------------------|-------|------|------|------------|------------|
| ASY-08613-003      | 1.178 | .039 | .016 | <2         | .04        |
| STANDARD R-2a/AU-1 | .046  | .557 | .043 | 158        | 3.49       |

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
- SAMPLE TYPE: Rock R150

Data ~~to~~ FA \_\_\_\_\_

DATE RECEIVED: JUN 29 2005 DATE REPORT MAILED: *July 12/05*



ASSAY CERTIFICATE

Vangold Resources Ltd. PROJECT Rossland File # A503222  
1730 - 650 W. Georgia St., Vancouver BC V6B 4N9 Submitted by: Sue Deane

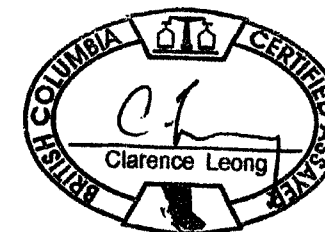


| SAMPLE#            | Mo %  | Cu %  | Ni %  | Co %  | Ag** gm/mt | Au** gm/mt |
|--------------------|-------|-------|-------|-------|------------|------------|
| 7551               | .888  | .023  | .003  | .008  | <2         | .84        |
| 7552               | 4.283 | .018  | .014  | .091  | <2         | 3.07       |
| 7553               | .017  | .012  | .001  | .001  | <2         | .06        |
| 7554               | .011  | .014  | <.001 | <.001 | <2         | .05        |
| 7555               | .028  | .015  | .001  | .008  | <2         | 1.14       |
| 7556               | .012  | .013  | .001  | .001  | <2         | .12        |
| 7557               | 5.266 | .057  | .024  | .155  | <2         | 8.33       |
| 7558               | .080  | .035  | .006  | .018  | <2         | .58        |
| 7559               | .190  | .063  | .005  | .028  | <2         | .34        |
| 7560               | .028  | .014  | .002  | .003  | <2         | .07        |
| 7561               | .002  | <.001 | <.001 | <.001 | <2         | .01        |
| 7562               | .169  | .013  | .004  | .024  | <2         | .44        |
| 7563               | .899  | .015  | <.001 | <.001 | <2         | .02        |
| 7564               | .103  | .047  | .001  | <.001 | <2         | .05        |
| 7565               | 1.621 | .327  | <.001 | <.001 | 2          | .07        |
| 7566               | .640  | .035  | <.001 | <.001 | <2         | .02        |
| 7567               | .005  | .020  | .001  | .001  | <2         | .02        |
| 7568               | .008  | .049  | .001  | .001  | <2         | .02        |
| 7569               | .015  | .013  | .001  | <.001 | <2         | .02        |
| 7570               | <.001 | .001  | <.001 | <.001 | <2         | <.01       |
| 7571               | .001  | .046  | <.001 | .001  | <2         | .01        |
| RE 7571            | .001  | .044  | .001  | .001  | <2         | .02        |
| 7572               | .002  | .013  | .001  | .001  | <2         | <.01       |
| 7573               | .002  | .017  | .003  | .001  | <2         | <.01       |
| STANDARD R-2a/AU-1 | .049  | .565  | .362  | .046  | 163        | 3.35       |

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 88 FA \_\_\_\_\_

DATE RECEIVED: JUL 7 2005 DATE REPORT MAILED: July 21/05





ASSAY CERTIFICATE



Vangold Resources Ltd. PROJECT Roseland File # A503699

1730 650 W. Georgia St., Vancouver BC V6B 4N9 Submitted by: Sue Deane

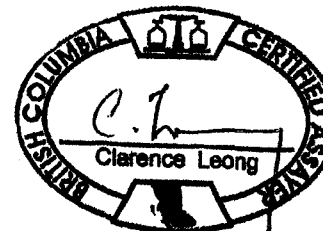
| SAMPLE#            | Mo %  | Cu % | Ni % | Co %  | Ag** gm/mt | Au** gm/mt |
|--------------------|-------|------|------|-------|------------|------------|
| 7574               | .284  | .110 | .005 | .002  | 3          | .16        |
| 7575               | .367  | .017 | .004 | .001  | <2         | .02        |
| 7576               | 1.094 | .054 | .005 | .001  | <2         | .05        |
| 7577               | .117  | .009 | .006 | .001  | <2         | .01        |
| 7578               | .725  | .016 | .005 | .001  | <2         | .03        |
| 7579               | .053  | .002 | .009 | <.001 | <2         | <.01       |
| 7580               | .002  | .001 | .001 | .007  | <2         | <.01       |
| 7581               | .042  | .006 | .015 | .001  | <2         | <.01       |
| 7582               | .094  | .010 | .005 | .001  | <2         | .01        |
| STANDARD R-2a/AU-1 | .049  | .565 | .367 | .043  | 164        | 3.39       |

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
- SAMPLE TYPE: Rock R150 60C

Data Y FA \_\_\_\_\_

DATE RECEIVED: JUL 22 2005

DATE REPORT MAILED: Aug 1/05





ASSAY CERTIFICATE



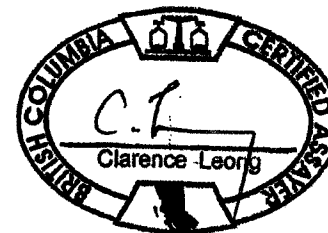
**VanGold Resources Ltd. PROJECT Rossland File # A503894**  
1750 - 650 W. Georgia St., Vancouver BC V6B 4N9 Submitted by: Dal S. Brynelsen

| SAMPLE#            | Mo % | Cu % | Ni %  | Co %  | Ag** gm/mt | Au** gm/mt |
|--------------------|------|------|-------|-------|------------|------------|
| 7583               | .077 | .011 | .001  | .001  | <2         | .02        |
| 7584               | .245 | .007 | .002  | .001  | <2         | .03        |
| 7585               | .477 | .009 | .001  | .001  | <2         | .06        |
| 7586               | .138 | .004 | .001  | .001  | <2         | .04        |
| 7587               | .257 | .033 | .002  | .001  | <2         | .04        |
| 7588               | .306 | .024 | .003  | .001  | <2         | .08        |
| 7589 (pulp)        | .021 | .993 | <.001 | <.001 | 72         | .05        |
| STANDARD R-2a/AU-1 | .047 | .559 | .370  | .043  | 161        | 3.27       |

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
- SAMPLE TYPE: ROCK R150

Data to FA \_\_\_\_\_

DATE RECEIVED: JUL 28 2005 DATE REPORT MAILED: Aug 8/05





ASSAY CERTIFICATE



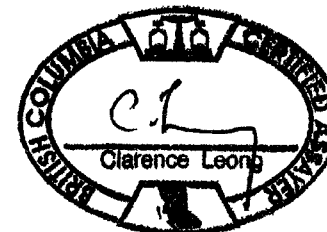
Vangold Resources Ltd. PROJECT Rossland File # A503989  
1730 - 650 W. Georgia St., Vancouver BC V6B 4N9 Submitted by: Dal S. Brynelsen

| SAMPLE#            | Mo % | Cu %  | Ag** gm/mt | Ni %  | Co % | Au** gm/mt |
|--------------------|------|-------|------------|-------|------|------------|
| 7590               | .029 | .021  | <2         | .001  | .001 | .04        |
| 7591               | .004 | .002  | <2         | .010  | .102 | 2.23       |
| 7592               | .043 | .002  | <2         | .009  | .030 | .94        |
| 7593               | .019 | .002  | <2         | .005  | .012 | .35        |
| 7594               | .007 | .001  | <2         | .006  | .013 | .39        |
| 7595               | .026 | .001  | <2         | .021  | .054 | 5.30       |
| RE 7595            | .026 | .001  | <2         | .021  | .053 | 5.55       |
| 7596               | .020 | .003  | <2         | .087  | .186 | 15.07      |
| 7597               | .002 | .001  | <2         | .027  | .066 | 4.40       |
| 7598               | .003 | <.001 | <2         | .009  | .032 | .47        |
| 7599               | .007 | .001  | <2         | .082  | .206 | 1.69       |
| 7600               | .008 | .002  | <2         | .168  | .533 | 6.38       |
| 7601               | .009 | .001  | <2         | .036  | .160 | 4.94       |
| 7602               | .005 | .001  | <2         | .012  | .064 | 1.45       |
| 7603 (pulp)        | .001 | .003  | <2         | .003  | .001 | 1.06       |
| 7604               | .002 | .040  | 42         | <.001 | .001 | 2.51       |
| STANDARD R-2a/AU-1 | .048 | .560  | 160        | .361  | .044 | 3.24       |

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
- SAMPLE TYPE: ROCK R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data p FA \_\_\_\_\_

DATE RECEIVED: AUG 2 2005 DATE REPORT MAILED: Aug 11/05.....



ASSAY CERTIFICATE

Vangold Resources Ltd. PROJECT Rossland File # A505988

1730 - 650 W. Georgia St., Vancouver BC V6B 4K9 Submitted by: Sue Deanc



| SAMPLE#             | Mo %  | Cu %  | Ni %  | Co %  | Ag** gm/mt | Au** gm/mt |
|---------------------|-------|-------|-------|-------|------------|------------|
| 7605                | .011  | .002  | .005  | .069  | <2         | 2.86       |
| 7606                | .025  | .001  | .011  | .070  | <2         | 1.69       |
| 7607                | .015  | .006  | .011  | .029  | <2         | 1.22       |
| 7608                | .001  | .020  | .007  | .006  | <2         | .07        |
| 7609                | .001  | .026  | .002  | .001  | <2         | .05        |
| 7610                | .003  | .022  | .002  | .008  | <2         | .15        |
| 7611                | .018  | .006  | .014  | .153  | <2         | 7.56       |
| 7612                | .009  | .004  | .008  | .089  | <2         | 1.58       |
| 7613                | .006  | .003  | .007  | .055  | <2         | 1.22       |
| 7614                | .002  | .007  | .007  | .010  | <2         | .04        |
| 7615                | <.001 | .004  | .004  | .005  | <2         | .02        |
| 7616                | .002  | .004  | .004  | .017  | <2         | 1.36       |
| 7617 (pulp)         | .001  | .003  | .003  | .001  | 2          | 1.12       |
| 7618                | <.001 | <.001 | <.001 | <.001 | <2         | <.01       |
| 7619                | .003  | .002  | .005  | .016  | <2         | .50        |
| 7620                | .027  | .003  | .008  | .048  | <2         | 4.31       |
| 7621                | .005  | .003  | .010  | .033  | <2         | 1.23       |
| 7622                | .004  | .004  | .006  | .018  | <2         | .63        |
| 7623                | .005  | .015  | .007  | .016  | <2         | .65        |
| 7624                | .025  | .004  | .013  | .052  | <2         | 5.08       |
| 7625                | .031  | .004  | .026  | .160  | <2         | 7.68       |
| 7626                | .002  | .001  | .012  | .096  | <2         | 2.18       |
| 7627                | .002  | .002  | .035  | .096  | <2         | 2.26       |
| 7628                | .002  | .001  | .070  | .206  | <2         | .40        |
| 7629                | .008  | .004  | .050  | .067  | <2         | 6.11       |
| 7630                | .002  | .001  | .016  | .027  | <2         | .14        |
| 7631                | .005  | <.001 | .003  | .006  | <2         | .47        |
| 7632                | .003  | .001  | .002  | .004  | <2         | .11        |
| 7633                | .068  | .004  | .009  | .003  | <2         | .15        |
| RE 7633             | .068  | .004  | .009  | .003  | <2         | .16        |
| 7634                | .131  | .010  | .005  | .003  | <2         | .07        |
| 7635 (pulp)         | .022  | 1.007 | <.001 | <.001 | 73         | .02        |
| 7636                | <.001 | .002  | <.001 | <.001 | <2         | .01        |
| STANDARD R-2a/OxL34 | .047  | .554  | .362  | .044  | 160        | 5.80       |

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
- SAMPLE TYPE: ROCK R150 AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

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**ACME ANALYTICAL LABORATORIES LTD.**

852 East Hastings,, Vancouver, B.C., CANADA V6A 1R6

Phone: (604) 253-3158 Fax: (604) 253-1716

Our GST # 100035377 RT

  
**COPY****VANGOLD RESOURCES LTD.**

P.O. Box 11622

1730 - 650 W. Georgia St.

Vancouver, BC

V6B 4N9

Inv.#: **A503021**

Date: Jul 12 2005

| QTY | ASSAY                                    | PRICE       | AMOUNT       |
|-----|--|-------------|--------------|
| 1   | ASSAY2 @                                 | 21.00       | 21.00        |
| 1   | R150 - ROCK @                            | 5.40        | 5.40         |
|     |  |             | <hr/>        |
|     | SURCHARGE FOR UNDER 20 SAMPLES PER BATCH |             | 26.40        |
|     |  |             | 20.00        |
|     |  |             | <hr/>        |
|     |  | GST Taxable | 46.40        |
|     |  | 7.00% GST   | 3.25         |
|     |  |             | <hr/>        |
|     |  | CAD \$      | <b>49.65</b> |

Samples submitted by Dal S. Brynelsen

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Inv.#: **A503222**

Date: Jul 22 2005

**VANGOLD RESOURCES LTD.**

P.O. Box 11622

1730 - 650 W. Georgia St.

Vancouver, BC

V6B 4N9

| QTY | ASSAY         | PRICE       | AMOUNT        |
|-----|---------------|-------------|---------------|
| 23  | ASSAY2 @      | 21.00       | 483.00        |
| 23  | R150 - ROCK @ | 5.40        | 124.20        |
|     |               |             | <hr/>         |
|     |               |             | 607.20        |
|     |               | GST Taxable | 42.50         |
|     |               | 7.00% GST   | <hr/>         |
|     |               | CAD \$      | <b>649.70</b> |

Project: Rossland  
Purchase Order #: R0105  
Samples submitted by Sue Deanc

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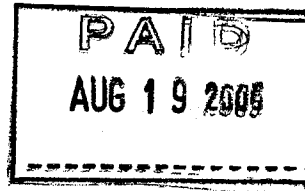
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1730 - 650 W. Georgia St.

Vancouver, BC

V6B 4N9

Inv.#: **A503699**

Date: Aug 4 2005

| QTY                                      | ASSAY         | PRICE | AMOUNT        |
|--|---------------|-------|---------------|
| 9  | ASSAY2 @      | 21.00 | 189.00        |
| 9  | R150 - ROCK @ | 5.40  | 48.60         |
| SURCHARGE FOR UNDER 20 SAMPLES PER BATCH |               |       | 237.60        |
|  |               |       | 20.00         |
| GST Taxable                              |               |       | 257.60        |
| 7.00% GST                                |               |       | 18.03         |
| CAD \$                                   |               |       | <b>275.63</b> |

Subject: Rossland  
 Purchase Order #: R0205  
 Samples submitted by Sue Deanc

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V6B 4N9

Inv.#: **A503894**  
Date: Aug 9 2005

ENTERED AUG 11 2005

| QTY                                      | ASSAY         | PRICE | AMOUNT        |
|--|---------------|-------|---------------|
| 7  | ASSAY2 @      | 21.00 | 147.00        |
| 7  | R150 - ROCK @ | 5.40  | 37.80         |
| SURCHARGE FOR UNDER 20 SAMPLES PER BATCH |               |       | 184.80        |
|  |               |       | 20.00         |
| GST Taxable                              |               |       | 204.80        |
| 7.00% GST                                |               |       | 14.34         |
| CAD \$                                   |               |       | <b>219.14</b> |

Project: Rossland  
Purchase Order #: R0305  
Samples submitted by Dal S. Brynelsen

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AUG 10 2011

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AUG 11 2011

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*AG-22*

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Vancouver, BC  
V6B 4N9**APPROVED***JMT*Inv.#: **A503989**

Date: Aug 12 2005

**RECEIVED**

AUG 22 2005

| QTY | ASSAY                                    | PRICE | AMOUNT        |
|-----|--|-------|---------------|
| 15  | ASSAY2 @                                 | 21.00 | 315.00        |
| 14  | R150 - ROCK @                            | 5.40  | 75.60         |
|     | SURCHARGE FOR UNDER 20 SAMPLES PER BATCH |       | 390.60        |
|     |  |       | 20.00         |
|     | GST Taxable                              |       | 410.60        |
|     | 7.00% GST                                |       | 28.74         |
|     | CAD \$                                   |       | <b>439.34</b> |

Subject: Rossland  
Purchase Order #: R0405  
Samples submitted by Dal S. Brynelsen

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*1210 - Accounts Rec 439.34*

|                    |
|--------------------|
| <b>PAID</b>        |
| <b>AUG 30 2005</b> |
| <i>81</i>          |

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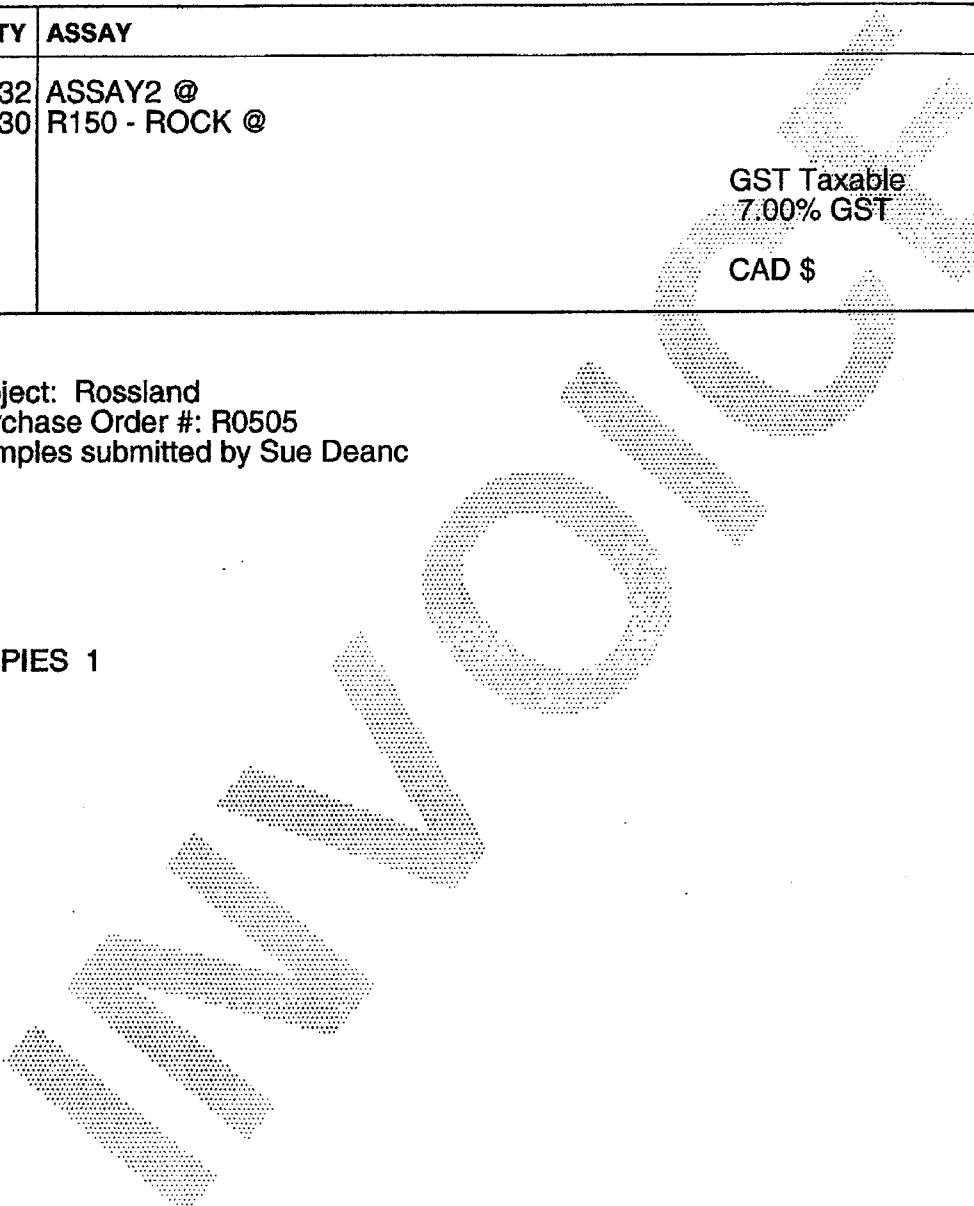
P.O. Box 11622  
 1730 - 650 W. Georgia St.  
 Vancouver, BC  
 V6B 4N9

Inv.#: **A505988**  
 Date: Oct 12 2005

| QTY | ASSAY         | PRICE       | AMOUNT        |
|-----|---------------|-------------|---------------|
| 32  | ASSAY2 @      | 21.00       | 672.00        |
| 30  | R150 - ROCK @ | 5.40        | 162.00        |
|     |               |             | <hr/>         |
|     |               | GST Taxable | 834.00        |
|     |               | 7.00% GST   | 58.38         |
|     |               |             | <hr/>         |
|     |               | CAD \$      | <b>892.38</b> |

Project: Rossland  
 Purchase Order #: R0505  
 Samples submitted by Sue Deanc

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 TERMS: Net two weeks. 1.5 % per month charged on overdue accounts.

[ ACME 1 ]

## **Appendix D**

**Money Spent on Rossland Claims 2005**

**Molybdenum Claims Red Mtn - Coxey, Giant claims dominantly with minimal prospecting work on surrounding area**

| <b>Item</b>  | <b>Subtotal Amounts</b> | <b>Total</b> | <b>Grand Total</b> |
|--|-------------------------|--------------|--------------------|
| Lab Costs for Samples (see certificates for details) |                         | 49.65        |                    |
|  |                         | 649.70       |                    |
|  |                         | 275.63       |                    |
|  |                         | 219.14       |                    |
|  |                         | 439.34       |                    |
|  |                         | 892.38       | 2525.84            |
| Geologists Labour - 21 days @ 300.00/day             |                         | 6300.00      | 6300.00            |
| Truck rental - 17 days @ 80.00/day                   |                         | 1360.00      | 1360.00            |
|  |                         |              | <b>10185.84</b>    |

**Crown Point Claims Area - Work done on Hidden Treasure and Crown Point claims**

| <b>Item</b>                             | <b>Subtotal Amounts</b> | <b>Total</b> | <b>Grand Total</b> |
|---|-------------------------|--------------|--------------------|
| Geologists Labour - 2 days @ 300.00/day |                         | 600.00       | 600.00             |
| Truck rental - 2 days @ 80.00/day       |                         | 160.00       | 160.00             |
|   |                         |              | <b>760.00</b>      |

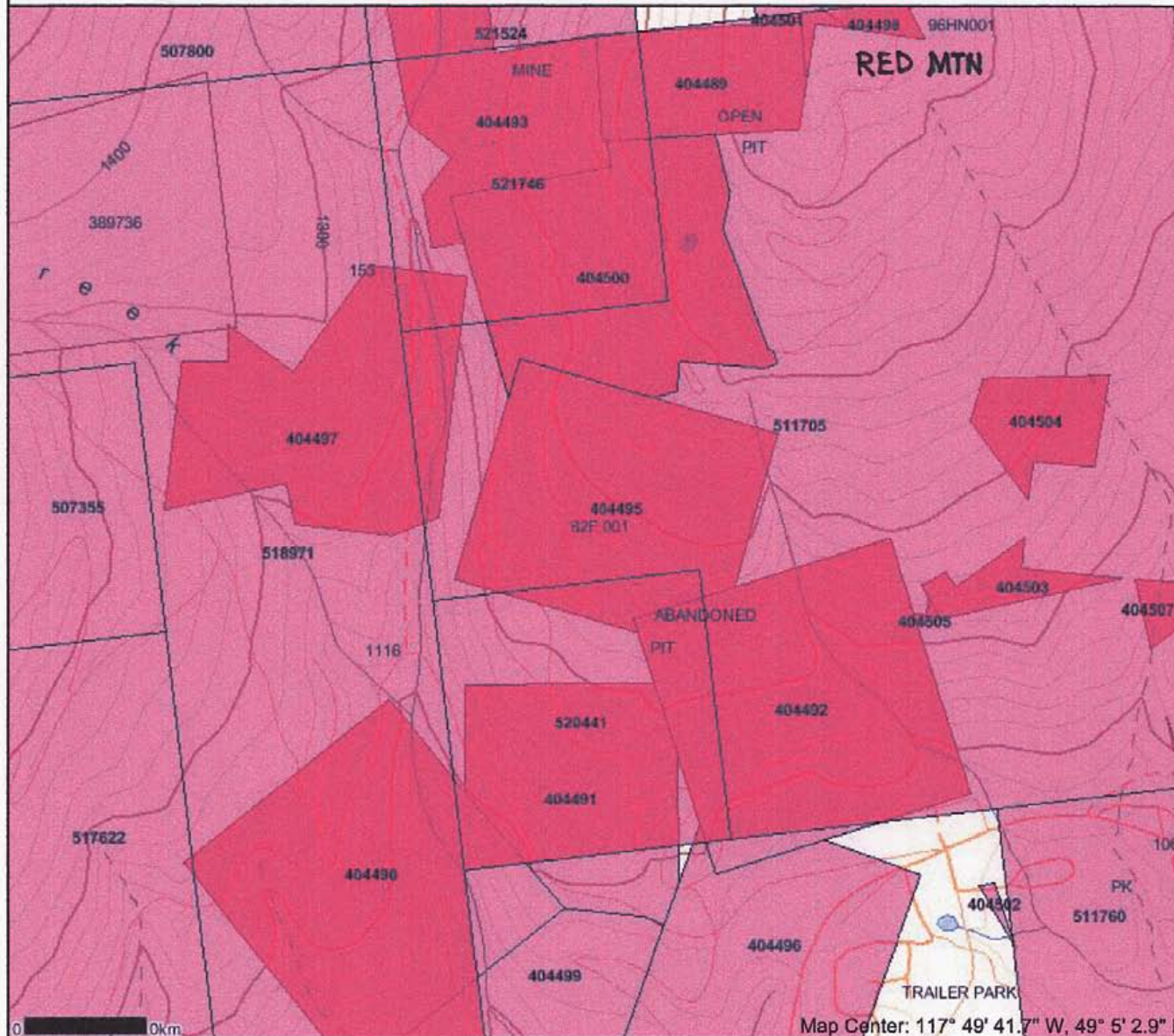
**Total for all claims - all Vangold Rossland claims are either adjoining or joined by lots** **10945.84**

# Map 5

## Molybdenum Mine Area

Map created Wed Feb 08 14:10:33 PST 2006

### Legend



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

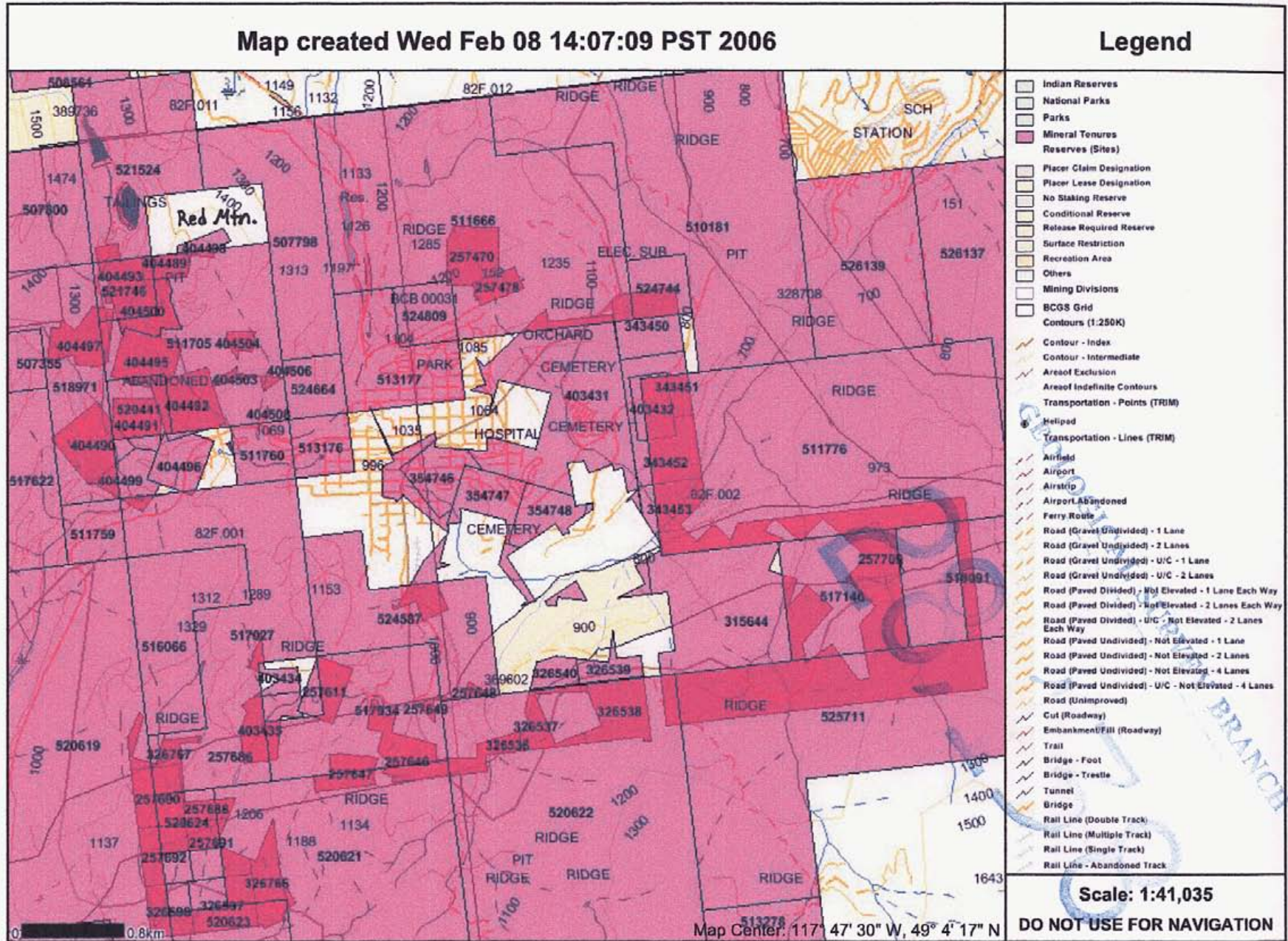
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DO NOT USE FOR NAVIGATION

GEOLOGICAL SURVEY OF CANADA

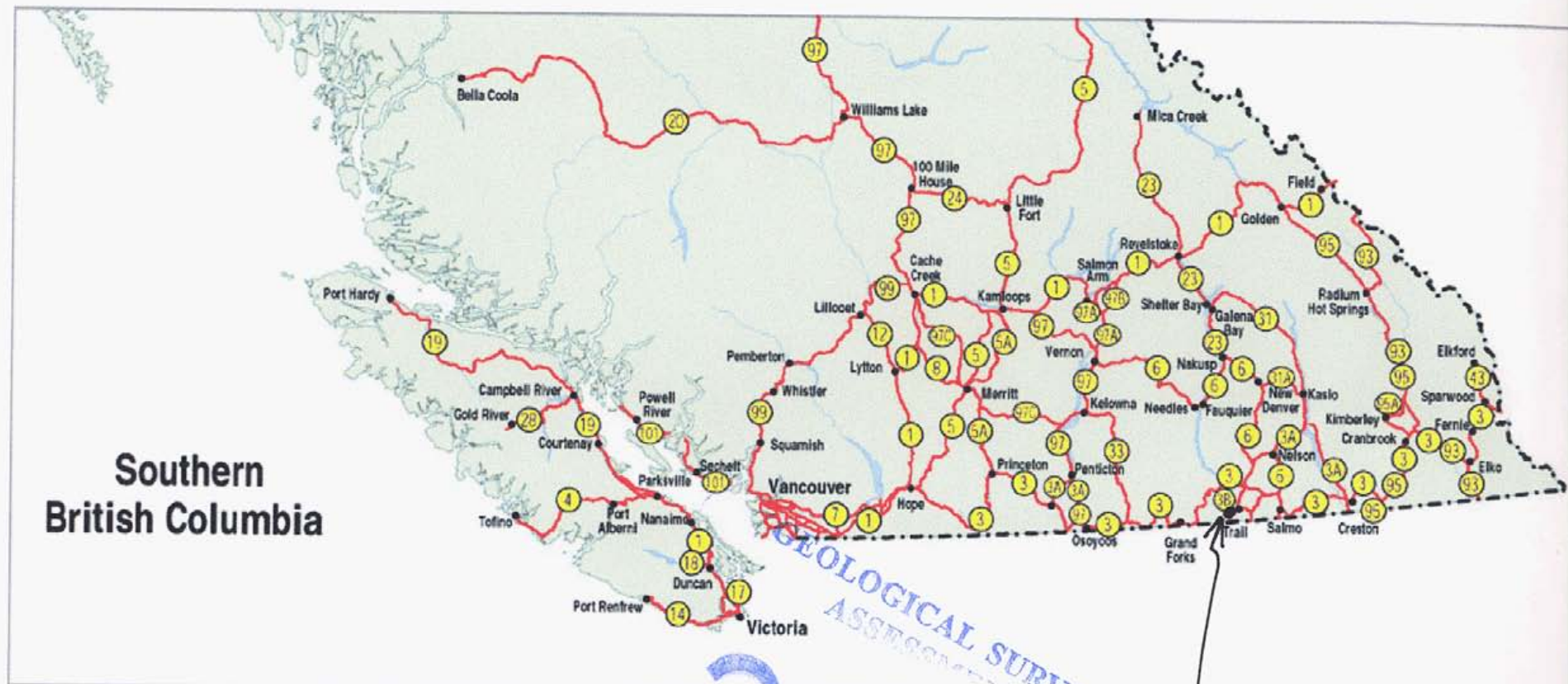


Map4-Reference Map - Rossland Area



See City of Rossland at center and Village of Warfield at top right.

Map3-Reference Map - Rossland Location in BC



Rossland B.C.

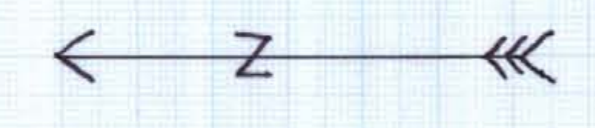
20138

Map 1 - Geological Map with Sample Locations 1 5437600

5437400

5437200

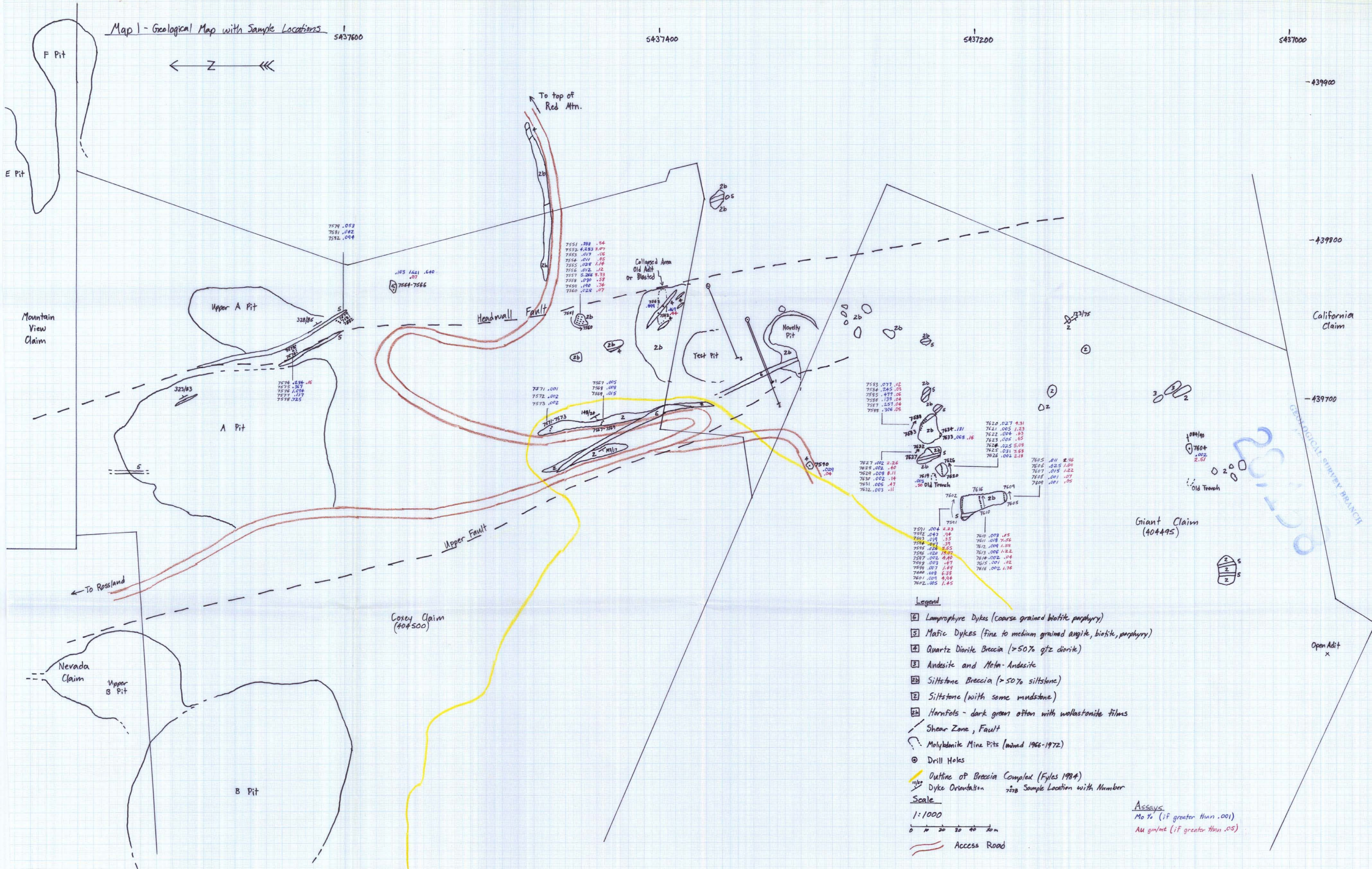
5437000



-43900

-439800

-439700



- Legend**
- 6 Lamprophyre Dykes (coarse grained biotite porphyry)
  - 5 Mafic Dykes (fine to medium grained augite, biotite, porphyry)
  - 4 Quartz Diorite Breccia (>50% qtz diorite)
  - 3 Andesite and Meta-Andesite
  - 2b Siltstone Breccia (>50% siltstone)
  - 2 Siltstone (with some mudstone)
  - 2b Hornfels - dark green often with wollastonite films
  - Shear Zone, Fault
  - Molybdenite Mine Pits (mined 1966-1972)
  - o Drill Holes
  - Outline of Breccia Complex (Fyles 1984)
  - Dyke Orientation
  - Sample Location with Number
- Scale**  
1:1000  
0 10 20 30 40 50 m
- Access Road

**Assays**  
Mo % (if greater than .001)  
Au g/m<sup>2</sup> (if greater than .05)

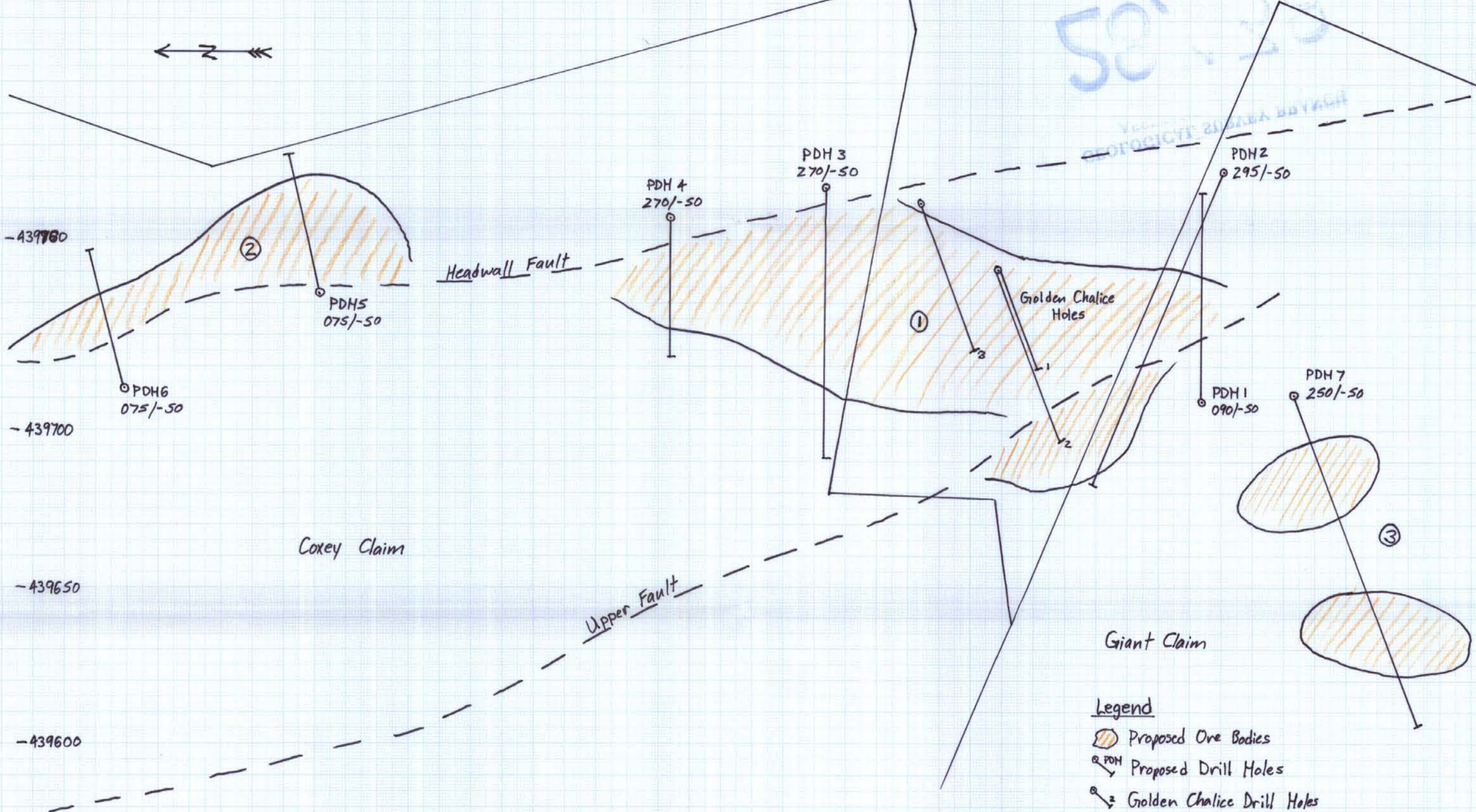
GEOLOGICAL SURVEY BRANCH

Open Adit x

5437350      5437400      5437450      5437500

-439850

# Map 2 - Potential Ore Body and Drill Hole Overlay



-439780

-439700

-439650

-439600

- Legend**
- Proposed Ore Bodies
  - Proposed Drill Holes
  - Golden Chalice Drill Holes
  - Fault
  - Claim Boundary

Scale 1:1000