

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 90.04.05

ASSESSMENT REPORT 18614

MINING DIVISION: Skeena

PROPERTY: Consoat
LOCATION: LAT 56 29 00 LONG 130 38 00
UTM 09 6260857 399409
NTS 104B07E

CAMP: 050 Stewart Camp

CLAIM(S): Consoat, King 1-2

OPERATOR(S): Corptech Ind.

AUTHOR(S): Westcott, M.G.

REPORT YEAR: 1989, 27 Pages

COMMODITIES

SEARCHED FOR: Gold

KEYWORDS: Triassic, Takla Group, Jurassic, Unuk River Formation, Argillite
Diorite, Andesite, Siltstone

WORK

DONE: Geochemical, Geological

GEOL 800.0 ha

Map(s) - 1; Scale(s) - 1:10 000

ROCK 22 sample(s) ;AU, CU, PB, ZN, AG, AS

SOIL 275 sample(s) ;AU, CU, PB, ZN, AG, AS

Map(s) - 7; Scale(s) - 1:10 000

RELATED

REPORTS: 10474, 11673, 16316

MINFILE: 104B 209

| | |
|--------------|----|
| LOG NO: 0406 | 23 |
| ACTION: | |
| FILE NO: | |

COMINCO LTD.

EXPLORATION

NTS: 104B/7

WESTERN CANADA

3 October 1988

ASSESSMENT REPORT ON GEOLOGICAL AND
GEOCHEMICAL WORK ON THE

FILMED

KING (1-4) and CONSOAT MINERAL CLAIMS

SKEENA MINING DIVISION, BRITISH COLUMBIA

LATITUDE: 56°28.7'N LONGITUDE: 130°38'

ON BEHALF OF COMINCO LTD.

BY

MICHAEL G. WESTCOTT, B. Sc.

SEPTEMBER 23, 1988

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,614

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COMINCO LTD.

EXPLORATION

WESTERN CANADA
29 September 1988

SUMMARY AND CONCLUSIONS

This report is a result of an agreement between Crest Resources Ltd. and Cominco Ltd., whereby Cominco Ltd. would be granted "first right of refusal" on an option agreement, by spending \$15,000 on the "King/Consoat" property.

The King and Consoat copper/gold prospects, previously the Mount Dunn and Cole properties respectively, were worked during the 70's and early 80's. Assessment reports on the two properties by John R. Poloni, 1987, indicated that previous exploration concentrated on the alpine mountain tops, and little work was carried out below tree line.

The focus of a 35 man day geochemistry/prospecting program carried out by Cominco Ltd., was to assess the possibility of economic mineralization existing along the heavily vegetated slopes north and south of King Creek.

To the north of King Creek, on the Consoat claim, soil lines and rock sampling delineated and characterized the mineralization associated with the Gossan Creek fault zone. The multi-element anomaly was found to be continuous over the length of the Gossan Creek drainage. The anomaly continued some 200 m to the east (hangingwall) side of the fault, while it dropped off relatively abruptly to the west. A gossanous brecciated zone extending 30-40 m to the east of the fault, gave rock geochem values that are moderately anomalous in Au, Cu As and Pb. Rock geochemical results from localized patches of mineralization found within the Gossan Creek drainage, yield values equal to or greater than those of the breccia zone.

A soil line on the King claim, south of King Creek, revealed a 200 m wide gold anomaly. Follow-up prospecting and sampling identified several sparsely distributed pyritic lenses and veinlets as being the source for the anomaly. Due to the small size, erratic distribution and nature of the auriferous pyritic lenses, these showings do not appear to have potential for economic mineralization.

2.

INTRODUCTION

Location and Access

The King and Consoat claims are adjoining claims situated on either side of King Creek, which drains into the Unuk River 5 km to the southeast. The claims are within the Skeena Mining Division on N.T.S. Sheet 104B/7, and are centered about Latitude $56^{\circ}25'.7N$ and Longitude $130^{\circ}38'W$. The boundary between the two claims runs east-west, 200-300 m north of King Creek, with the Consoat to the north and King to the south (Figure 2).

Access to the claims requires a helicopter. Two or three helicopters are based at Bronson airstrip, 35 km to the northwest. The airstrip has scheduled service by Central Mountain Air of Smithers, 350 km to the southeast.

Physiography

The steep sided, V-shaped King Creek valley trends east-west within the Boundary Range of the Coast mountains. The claims cover the relatively steep valley walls north and south of King Creek, and extend up onto the flat mountain tops.

Drainage includes a few well incised creeks as well as several shallower intermittent creeks. One of the most prominent drainages is a steep sided, fault controlled creek which runs north-south, draining the Consoat claim. The forementioned creek is referred to as Gossan Creek hereafter.

Relief on the claims is substantial, varying 470-1620 m from valley bottom to mountain top. The precipitous slopes of the King Creek valley are covered with a thick growth of slide alders, devils club, willows, and mature conifers. Tree line is 1200 m, with intertwined stunted spruce separating the sub-alpine from the alpine.

Outcrop in several of the shallow draws suggests the overburden is thin (2-10 m).

3.

Claim Information

The King 1-4 claims, record Nos. 5454-5457, were acquired by Crest Resources Ltd. in 1987. Prior to this the property, known as the Mount Dunn property, was owned by Great Plains Development Company of Canada Ltd. and Chevron Minerals Ltd.

The Consoat claim, Record No. 6044, consisting of 20 units was staked March 10-25, 1987, by D. Javorsky for W. Hudson, President of Crest Resources Ltd. The Consoat claim overlaps the Ginny #3 claim to the northeast and the King claims to the south. The Consoat claim covers most of the ground which was covered by the Cole claim in the early 80's. The Cole property was assessed by Dupont of Canada in 1981 and Placer Development Ltd. in 1983.

WORK PERFORMED

Commencing June 18, 1988, a 6 man crew worked on the claims for a total of 35 man days (See Appendix I). Work included:

1. Trail cutting, providing access through the heavily vegetated slopes north and south of King Creek.
2. Five contour soil lines totalling 6 km and 230 samples were taken. In addition, 45 soils were taken from alternating sides of the Gossan Creek drainage. Samples were taken from B-horizon soil at 25 m intervals. Half a dozen silt samples were taken from creeks crossed by the soil lines.
3. Prospecting along cut trails and up drainages. A total of 53 rock samples were collected for geochemical analyses.
4. Mapping major accessible outcrops.
5. Additional rock and soil sampling, as a follow-up on soil line results.

GEOLOGY

Regional Geology

The King Creek area lies within the Boundary Ranges of the Coast Plutonic complex. The Boundary Ranges are found along the contact between the Intermontane and Coast crystalline geologic provinces. Grove, E.W. 1986, summarizes the coast crystalline province as being comprised of strained Tertiary to Triassic rocks, where foliated dioritic rock, migmatite, gneiss, schist and marble, are the dominant lithologies.

4.

The rocks immediately adjacent to, and underlying the King and Consoat claims have been mapped by Grove, E.W. et al, 1964-70 as:

1. Upper Triassic-Volcanic siltstone, sandstone, conglomerate and breccias.
2. Eocene - monzonitic stocks
3. Middle Jurassic - siltstones

Local Geology

Lithotypes observed on the properties include: black argillite, light green laminated siltstone, calcareous black wacke/siltstone, fine grained andesitic volcanics and later monzonitic-dioritic dykes and sills (Plate 1). The sedimentary rocks appear to comprise a conformable package generally striking NNE and dipping steeply to the SE. The nature of the contact between the volcanics and sediments is unclear. In the upper section of Gossan Creek black argillite is in fault contact with fine grained andesitic volcanics, while south of King Creek no faults are observed between the two. A monzonitic-dioritic intrusive complex has overprinted the area with dyke swarms and large sills. The dykes are relatively continuous planar bodies 1-5 m in width.

The predominant structure on the property is the throughgoing NNE striking, steep easterly dipping, Gossan Creek fault. The fault runs up Gossan Creek and can be traced across the flats on top of the mountain. A well developed breccia zone and accompanying silicification flanks the fault in the upper section of Gossan Creek. The breccia is poorly developed in the footwall of the fault but in the hangingwall it defines a 30-40 m thick gossanous zone. Several smaller NE trending faults are present over the property. Narrow zones of silicification and mineralization flank some of the faults, while others are marked only by shearing in sediments.

Mineralization on the property occurs in intrusive, volcanic and sedimentary rocks. South of King Creek a large discordant intrusive body hosts disseminated pyrite, pyrrhotite, molybdenite and chalcopyrite in abundances up to 10%, 1%, 1% and 2% respectively. However, mineralization within the intrusive is very local and was only observed in a few patches.

The large gossanous zone in the hangingwall of the Gossan Creek fault is comprised of a brecciated, partially silicified, highly altered volcanic. Mineralization within this zone consists of patchy disseminated pyrite, present in 5-10% abundance. The weathered texture of the rock suggests an appreciable amount of pyrite has been leached out. Chalcopyrite, molybdenite, and galena were observed but not common. Minor malachite staining is found on some of the brecciated rock.

5.

Mineralization within the black argillaceous siltstone includes calcite veins hosting 1-2% pyrite and trace galena, pyrite pods and pyrite veinlets. The calcite veins are discontinuous and generally less than 15 cm wide. Lensoidal pods of pyrite are present both north and south of King Creek. The pyrite lenses are 10-40 cm long and approximately parallel bedding. On the south side of King Creek there is a 200 m section where the cut trail crosses four sharply incised drainages. Black argillaceous siltstone, periodically cut by dykes, is well exposed in the backs of these drainages. Several massive pyrite lenses/stringers up to 40 cm in length were observed along this 200 m section. Minor arsenopyrite was found in one of the pyrite patches. Distribution of the massive pyrite patches is very irregular, having no apparent structural control.

RESULTS

Geochemical analyses was performed on 275 soil, 7 silt and 53 rock samples. Analyses was done for: Au, Ag, Cu, Pb, Zn and As.

Six rock samples yielding interesting gold values were assayed, giving Au results as summarized below.

| <u>Sample No.</u> | | <u>Au ppb</u> | <u>Assay Au oz/T</u> |
|-------------------|---|---------------|--------------------------|
| WR88-126 | 10-20% pyrite patch in black siltstone. Sample over 0.5 m | 4880 ppb | 0.192 |
| WR88-127 | lense of massive pyrite in siltstone. Sample over 1.5 m | 4800 ppb | 0.204 |
| OR88-01 | Float, pyrite veinlets in black siltstone | 9500 ppb | 0.390 |
| WR88-171 | Float, 1 m diam boulder with 15 cm massive pyrite patch | 2600 ppb | 0.095 |
| WR88-172 | Brecciated silicic zone along narrow shear in argillite. 5% pyrite. Sample over 1.0 m | 3120 ppb | 0.110 |
| WR88-173 | High grade sample over a 30 cm long pod of 70% pyrite 30% quartz | 5000 ppb | 0.186 |

6.

Results from the soil lines were predictably anomalous near known mineralized structures such as the Gossan Creek Fault. Soils taken within 50 m of the fault were usually anomalous in all elements analysed for. Gold values for soils in the immediate vicinity of the fault are usually greater than 100 ppb. Gold values along the fault range from less than 10 ppb to 3930 ppb, averaging approximately 400 ppb. In general, the geochemical results were slightly higher and more consistently anomalous on the east, hanging wall, side of the fault. Soils taken greater than 200 m from the fault consistently yield values below the threshold of detection, or have background to marginally anomalous values.

Twelve consecutive samples taken over 250 metres along the 1500' contour soil line on the south side of King Creek were anomalous in gold. Gold values from the soils ranged from 59 ppb to 10,900 ppb, with an average of 275 ppb (excluding the 10,900 ppb sample). A follow-up sample taken at the sample site which returned 10,900 ppb repeated at 1060 ppb.

Most values from the southernmost contour soil line on the King claim were only slightly anomalous, with the exception of two samples, one yielding 523 ppb Au, the other 196 ppb Au.

DISCUSSIONS AND CONCLUSIONS

Results from the contour soil lines have identified geochemical anomalies on the slopes north and south of King Creek.

Soils taken from the Gossan Creek drainage were continuously anomalous in most or all of the elements analysed for. Correlation between proximity to the gossanous breccia zone at the top of Gossan Creek, and concentrations of metals as indicated by geochemistry, is poor. Gold values obtained from soils in the lower section of the creek are comparable with those of the upper section. The lack of dilution distal to the breccia zone, along with rock samples from outcrop lower down in the creek yielding values up to 1224 ppb, suggests the anomaly source is not restricted to the gossanous breccia zone at the top of the creek.


Patchy mineralization all the way along the Gossan Creek Fault is more likely responsible for the anomaly observed.

The best gold value obtained from rock sampling in and around gossan creek was 5000 ppb, which when assayed gave 0.186 oz/ton. The sample was taken from a 30 cm long massive pyrite lense within a narrow patch of silicified siltstone in a steep gully incised 20 m to the west of the main drainage. Small patchy mineralization such as this could well account for the anomaly along Gossan Creek.

7.

The 1500' contour soil line south of King Creek revealed a previously unknown anomaly. Twelve anomalous soils over 250 m spurred a one day follow-up. The follow-up revealed several patches of massive pyrite sparsely and irregularly distributed within a black siltstone. One such pyritic, patch, 40 cm x 20 cm x 30 cm, was found in place just a few metres up hill from the soil sample which ran 10,900 ppb Au. The pyrite was sampled, and assayed 0.192 oz/ton Au, confirming the suspicion that it was the source for the gold anomaly. A float boulder of black siltstone with a 1-2 cm pyrite veinlet produced an assay of Au 0.390 oz/ton, further confirming the auriferous nature of the pyrite. The siltstone hosted pyrite is found as veinlets or lensoidal patches 10-40 cm long. While the pyrite yields interesting gold values, the distribution and density of the patches is discouraging. Because there does not appear to be a systematic structural control on the distribution of the pyrite and because exposure is quite good, the existence of a larger more continuous mineralized zone is unlikely.

Report by:



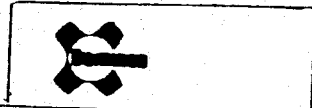
Michael G. Westcott,
Geologist

MGW/pm
Distribution:

Mining Recorder
Western Canada



FIGURE 1



| | |
|------------|-----------|
| Drawn by | Traced by |
| Revised by | Date |
| Revised by | Date |

KING-CONSOAT CLAIMS LOCATION MAP

| | | |
|-----------------|-------------------|--------------|
| Scale: AS ABOVE | Date: SEPT 26, 88 | Plate 104B/7 |
|-----------------|-------------------|--------------|

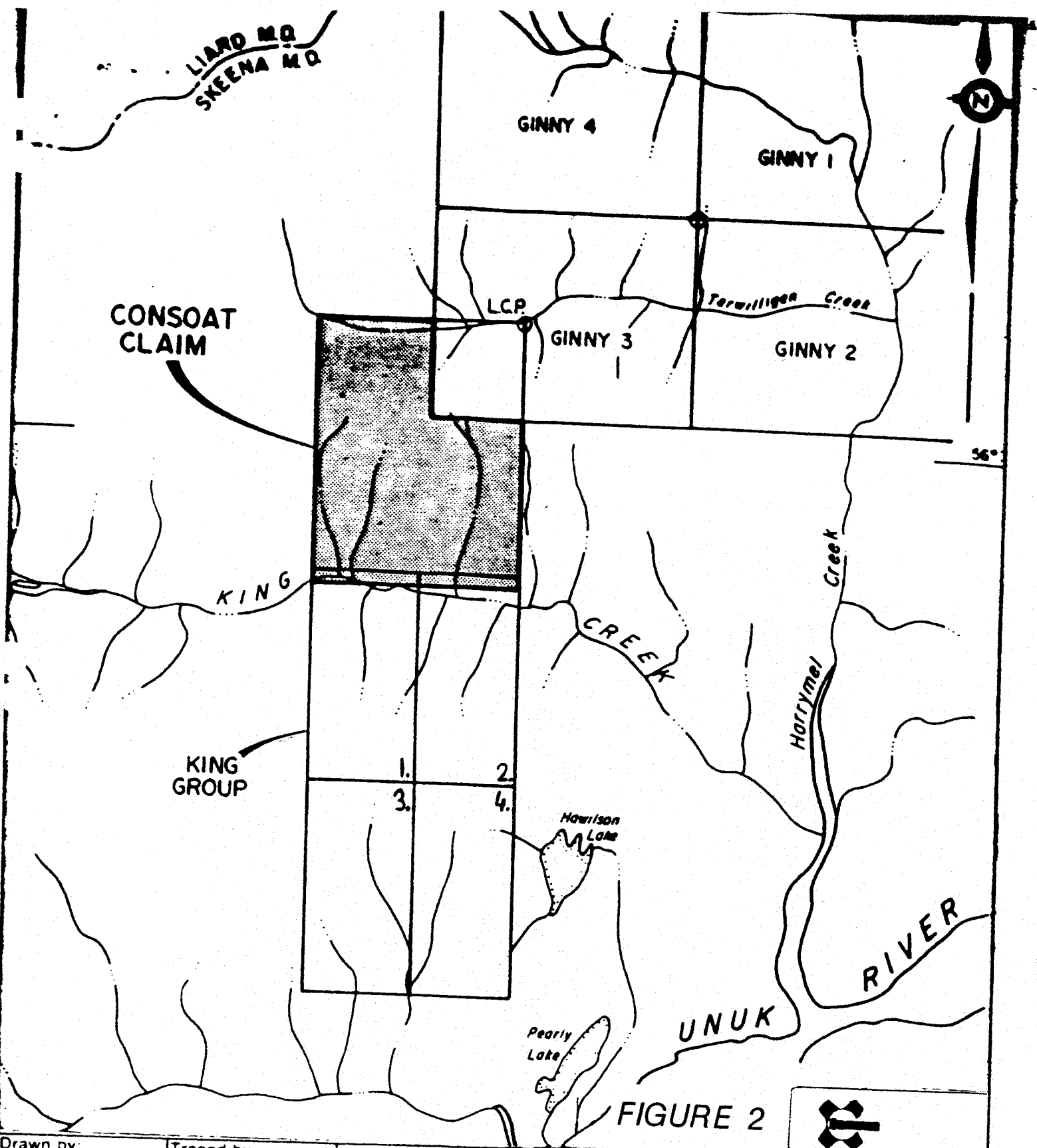


FIGURE 2

| | |
|------------|-----------|
| Drawn by | Traced by |
| Revised by | Date |
| Revised by | Date |

KING-CONSOAT CLAIMS CLAIM MAP

Scale 1:50,000

Date: SEPT 26,88

Plate: 104B/7

APPENDICES

APPENDIX I

STATEMENT OF EXPENDITURES

The following expenses were incurred by Cominco Ltd. during evaluation of the King and Consoat claims.

Prospecting, Geology & Sampling

| | | | |
|---------------|----------------------|---------|-------------|
| I.A. Paterson | - 3 days @ \$350/day | \$ 1050 | |
| M.G. Westcott | - 9 days @ \$163/day | 1467 | |
| A. Travis | - 5 days @ \$155/day | 775 | |
| G. Wober | - 6 days @ \$138/day | 825 | |
| R. Van Egmond | - 5 days @ \$128/day | 640 | |
| D. Owens | - 7 days @ \$100/day | 700 | |
| | | | \$ 5,457.00 |

Helicopter Support

| | |
|--|-------------|
| 16 hours @ \$550/hr | \$ 8,800.00 |
| (Northern Mountain Helicopter Hughes 5000) | |

Geochemical Analyses

| | | |
|--|-----------|-------------|
| Rocks - Lab preparation 53 @ \$3.25 | \$ 172.25 | |
| (53) - Analyses (Au,Cu,Pb,Zn,Ag,As) @ \$11.50 | 609.50 | |
| Assays 6 @ \$12.25 | 73.50 | |
| | | |
| Soils & Silts | | |
| Lab preparation 282 @ \$1.00 | \$ 282.00 | |
| (282) - Analyses (Au,Cu,Pb,Zn,Ag,As) @ \$11.50 | 3243.00 | |
| | | \$ 4,380.25 |
| Domicile - 35 man days @ \$55/day | | \$ 1,925.00 |
| (Cominco/Delaware Snip Camp) | | |

Data Compilation & Report Preparation

| | | | |
|---------------|-----------------------|-----------|-------------|
| M. Westcott | - 5 days @ \$163/day | \$ 815.00 | |
| D. Owens | - 1 day @ \$100/day | 100.00 | |
| I.A. Paterson | - .5 days @ \$350/day | 175.00 | |
| Draftsman | - 1 day @ \$200/day | 200.00 | |
| | | | \$ 1,290.00 |

Total expenditures: \$21,852.25

STATEMENT OF EXPENDITURES

The following expenses were incurred by Cominco Ltd. during evaluation of the King and Consoat claims.

Geology & Sampling

| | | | |
|---------------|----------------------|-------------|------------|
| I.A. Paterson | - 3 days @ \$350/day | \$ 1,050 | |
| M.G. Westcott | - 9 days @ \$163/day | 1,467 | |
| A. Travis | - 5 days @ \$155/day | 775 | |
| G. Wober | - 6 days @ \$138/day | 825 | |
| R. Van Egmond | - 5 days @ \$128/day | 640 | |
| D. Owens | - 7 days @ \$100/day | 700 | |
| | | <hr/> | |
| | | \$ 5,457.00 | |
| | Consoat | | \$ 2098.85 |

Helicopter Support

| | | | |
|---|---------|-------------|------------|
| 16 hours @ \$550/hr | | \$ 8,800.00 | |
| (NOrther Mountain Helicopter Hughes 500D) | | | |
| | Consoat | | \$ 3384.62 |

Geochemical Analyses

| | | | |
|---|---------------|-----------|------------|
| Rocks - Lab preparation 53 @ \$3.25 | \$ 172.25 | | |
| (53) - Analyses (Au, Cu, Pb, Zn, Ag, As) @ \$11.50 | 609.50 | | |
| Assays 6 @ \$12.25 | 73.50 | | |
| | | \$ 324.50 | |
| | Consoat (22) | | |
| Soils & Silts | | | |
| Lab preparation 282 @ \$1.00 | \$ 282.00 | | |
| (282) - Analyses (Au, Cu, Pb, Zn, Ag, As) @ \$11.50 | 3243.00 | | |
| | <hr/> | | |
| | \$ 4,380.25 | | |
| | Consoat (162) | | \$ 2025.00 |
| Domicile - 35 man days @ \$55/day | \$ 1,925.00 | | |
| (Cominco/Delaware Snip Camp) | | | |
| | Consoat | | \$ 740.39 |

Data Compilation & Report Preparation

| | | | |
|---------------|-----------------------|-------------|-----------|
| M. Westcott | - 5 days @ \$163/day | \$ 815.00 | |
| D. Owens | - 1 day @ \$100/day | 100.00 | |
| I.A. Paterson | - .5 days @ \$350/day | 175.00 | |
| Draftsman | - 1 day @ \$200/day | 200.00 | |
| | | <hr/> | |
| | | \$ 1,290.00 | |
| | Consoat | | \$ 496.15 |

| | | | |
|--------------------|--|-------|-------------|
| Total Expenditures | | <hr/> | \$21,852.25 |
|--------------------|--|-------|-------------|

| | | | |
|-------|---------|--|------------|
| Total | Consoat | | <hr/> |
| | | | \$ 9069.51 |

APPENDIX I
COST STATEMENT

| <u>Claim</u> | <u>Record No.</u> | <u>Units</u> | <u>Record Date</u> |
|--------------|-------------------|--------------|--------------------|
| King 1 | 5454 | 8 | July 28, 1986 |
| King 2 | 5455 | 8 | July 28, 1986 |
| King 3 | 5456 | 8 | July 28, 1986 |
| King 4 | 5457 | 8 | July 28, 1986 |
| Consoat | 6044 | <u>20</u> | April 6, 1987 |
| | | 52 | |

Geology and Sampling, Helicopter, Domicile and Data Compilation/Report costs are allocated on the basis of 20/52 of total to Consoat.

Rock, Silts, and Soils are apportioned on the basis of sample location.

APPENDIX II

ROCK GEOCHEMISTRY

ANALYTICAL METHODS

All Analyses were performed at Cominco Analytical Laboratory in Vancouver.

Geochemical:

| | | |
|----|----|--|
| | Au | Aqua Regia Decomposition/Solvent Extraction/AAS |
| Wt | Au | The Weight of Sample Taken to Analyze for Gold (Geochem) |
| | Ag | Aqua Regia Decomposition/AAS |
| | Pb | Aqua Regia Decomposition/AAS |
| | Zn | Aqua Regia Decomposition/AAS |
| | Cu | Aqua Regia Decomposition/AAS |
| | As | Pyrosulphate Fusion/Colorimetric |

Au Assay Method:

| | |
|-------|--|
| Au(1) | Fire Assay, Lead Collection/AA (low level) or Gravitational, finish (high level) |
| Au(1) | Fire Assay, Lead Collection/AA (low level) or Gravitational, finish (high level) |

| SAMPLE NO. | LAB# | AU | CU | PB | ZN | AG | AS |
|------------|------|------|------|-----|------|-----|------|
| WR43 | 5436 | 68 | 132 | 4 | 32 | 0.4 | 4 |
| WR45 | 5437 | 256 | 1140 | 8 | 15 | 3.3 | 10 |
| WR8849 | 5438 | 1224 | 120 | 40 | 46 | 1.8 | 53 |
| WR8851 | 5439 | 246 | 1910 | 4 | 39 | 2.2 | 9 |
| WR8854 | 5440 | 160 | 118 | 5 | 25 | 0.4 | 49 |
| 55 | 5441 | 86 | 507 | 4 | 33 | 0.7 | 2 |
| WR8856 | 5442 | 248 | 51 | 6 | 14 | 2.2 | 106 |
| WR8857 | 5443 | 60 | 125 | 4 | 13 | 0.4 | 4 |
| WR8858 | 5444 | 240 | 356 | 4 | 39 | 2.4 | 13 |
| WR59 | 5458 | 10 | 348 | 4 | 27 | 0.4 | 3 |
| WR60 | 5435 | 758 | 485 | 5 | 13 | 1.2 | 3 |
| WR8125 | 7488 | 10 | 148 | | | 1.5 | 5 |
| WR8126 | 7489 | 4880 | 213 | | | 6.1 | 77 |
| WR8127 | 7490 | 4800 | 248 | | | 7.5 | 6860 |
| WR8128 | 7491 | 40 | 127 | | | 2.3 | 316 |
| WR8129 | 7492 | 660 | 130 | | | 1.8 | 97 |
| WR8130 | 7493 | 280 | 25 | | | 0.6 | 97 |
| WR8131 | 7494 | 20 | 15 | | | 0.4 | 146 |
| WR88132 | 7513 | 282 | 407 | | | 7.5 | 96 |
| WR88133 | 7514 | 80 | 904 | | | 0.6 | 9 |
| WR88134 | 7515 | 20 | 1360 | | | 0.4 | 7 |
| WR88135 | 7516 | 48 | 323 | | | 0.5 | - |
| WR88136 | 7517 | 184 | 146 | | | 0.4 | 2 |
| WR88137 | 7518 | 60 | 424 | | | 0.6 | 4 |
| WR88138 | 7519 | 46 | 876 | | | 1.1 | 6 |
| WR88139 | 7520 | 100 | 199 | | | 1 | 3 |
| WR88140 | 7521 | 66 | 203 | | | 0.9 | 6 |
| TR-17 | 5451 | 10 | 67 | 4 | 33 | 0.4 | 2 |
| TR-18 | 5452 | 10 | 123 | 4 | 22 | 0.4 | 2 |
| TR-20 | 5453 | 32 | 1140 | 9 | 77 | 1.1 | 2 |
| 4 | 5454 | 88 | 140 | 4 | 32 | 0.4 | 2 |
| TR-25 | 5455 | 24 | 1120 | 11 | 80 | 0.6 | 13 |
| TR-26 | 5456 | 912 | 386 | 4 | 26 | 0.4 | 11 |
| TR-27 | 5457 | 40 | 55 | 4 | 300 | 0.4 | 67 |
| TR-48 | 7078 | 10 | 82 | | | 0.7 | 29 |
| TR-49 | 7079 | 10 | 96 | | | 0.6 | 2 |
| TR-50 | 7080 | 10 | 43 | | | 0.7 | 6 |
| VR8830 | 5448 | 194 | 291 | 7 | 29 | 2 | 18 |
| VR8831 | 5449 | 268 | 366 | 125 | 1380 | 8.9 | 38 |
| VH32 | 5450 | 1764 | 83 | 15 | 93 | 1.4 | 14 |
| VR8837 | 7538 | 22 | 6 | | | 0.6 | 7 |
| VR8838 | 7539 | 20 | 8 | | | 0.6 | 7 |
| PR8175 | 7496 | 75 | 51 | | | 0.4 | 317 |
| PR8177 | 7497 | 264 | 16 | | | 1.6 | 36 |
| PR8178 | 7498 | 109 | 62 | | | 0.5 | 100 |
| PR8123 | 7499 | 24 | 4 | | | 3.9 | 19 |
| ER8801 | 5445 | 10 | 171 | 75 | 71 | 0.4 | 2 |
| ER8802 | 5446 | 10 | 188 | 4 | 14 | 0.4 | 3 |
| ER8803 | 5447 | 306 | 156 | 19 | 59 | 1.3 | 14 |
| ER4 | 5459 | 1486 | 4750 | 4 | 16 | 3.9 | 7 |
| QR8801 | 7495 | 9500 | 927 | | | 9.9 | 72 |

| FIELD NUMBER | AU PPB | MT AU GRAM | AU(S) PPB | PT PPB | PB PPB | CU PPM | TE PPM | ZN PPM | AG PPM | AS PPM | AU(1) G/T | AU(1) G/T |
|--------------|-----------|---------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|
| 88167 | 106 | 5 | | | | 143 | | 47 | <.4 | 70 | | |
| 88170 | 36 | 5 | | | | 106 | | 28 | <.4 | 7 | | |
| 88171 | 2600 | 5 | | | | 577 | | 16 | 13.2 | 57 | 3.257 | 0.095 |
| 88172 | 3120 | 5 | | | | 456 | | 30 | 11.9 | 293 | 3.771 | 0.110 |
| 88173 | 5000 | 5 | | | | 672 | | 22 | 18.2 | 148 | 6.378 | 0.186 |

APPENDIX III

SOIL AND SILT GEOCHEMISTRY RESULTS

ANALYTICAL METHODS

All Analyses were performed at Cominco Analytical Laboratory in Vancouver.

Geochemical:

| | | |
|----|----|--|
| | Au | Aqua Regia Decomposition/Solvent Extraction/AAS |
| Wt | Au | The Weight of Sample Taken to Analyze for Gold (Geochem) |
| | Ag | Aqua Regia Decomposition/AAS |
| | Pb | Aqua Regia Decomposition/AAS |
| | Zn | Aqua Regia Decomposition/AAS |
| | Cu | Aqua Regia Decomposition/AAS |
| | As | Pyrosulphate Fusion/Colorimetric |

Au Assay Method:

| | |
|-------|--|
| Au(1) | Fire Assay, Lead Collection/AA (low level) or Gravitational, finish (high level) |
| Au(1) | Fire Assay, Lead Collection/AA (low level) or Gravitational, finish (high level) |

| SAMPLE NO | LAB# | TYPE | AU | AG | CU | PB | ZN | AS |
|-----------|------|------|-------|------|------|-----|------|-----|
| 51818 | 5104 | soil | 146 | 5.2 | 350 | 104 | 468 | 84 |
| 51819 | 5105 | soil | 142 | 1.6 | 224 | 48 | 363 | 54 |
| 51820 | 5106 | soil | 1060 | 4.5 | 330 | 73 | 1070 | 117 |
| 54374 | 5107 | soil | 28 | 0.4 | 326 | 8 | 1080 | 101 |
| 54375 | 5108 | soil | 823 | 1.8 | 298 | 10 | 101 | 119 |
| 54376 | 5109 | soil | 46 | 37 | 1870 | 40 | 236 | 115 |
| 54323 | 5112 | soil | 59 | 1 | 243 | 19 | 62 | 88 |
| 54324 | 5113 | soil | 353 | 2.3 | 416 | 33 | 208 | 95 |
| 54325 | 5114 | soil | 112 | 2.3 | 315 | 31 | 372 | 57 |
| 54326 | 5115 | soil | 218 | 1.9 | 288 | 35 | 224 | 106 |
| 54701 | 5119 | soil | 60 | 0.4 | 29 | 9 | 31 | 47 |
| 54702 | 5120 | soil | 93 | 1.3 | 53 | 13 | 37 | 54 |
| 54703 | 5121 | soil | 150 | 0.8 | 79 | 23 | 35 | 78 |
| 54704 | 5122 | soil | 117 | 0.7 | 496 | 9 | 32 | 11 |
| 51824 | 5126 | soil | 196 | 2.2 | 1140 | 16 | 39 | 44 |
| 54459 | 5127 | soil | 59 | 0.7 | 41 | 7 | 42 | 17 |
| 54460 | 5128 | soil | 44 | 0.6 | 30 | 5 | 24 | 15 |
| 54461 | 5129 | soil | 10 | 1.3 | 43 | 7 | 37 | 16 |
| 54462 | 5130 | soil | 10 | 1.1 | 30 | 8 | 28 | 14 |
| 54463 | 5131 | soil | 10 | 0.4 | 89 | 12 | 45 | 20 |
| 54464 | 5132 | soil | 10 | 0.9 | 80 | 9 | 52 | 16 |
| 54465 | 5133 | soil | 20 | 1 | 118 | 16 | 88 | 25 |
| 54466 | 5134 | soil | 11 | 1 | 122 | 13 | 71 | 35 |
| 54467 | 5135 | soil | 16 | 0.7 | 82 | 11 | 76 | 19 |
| 54468 | 5136 | soil | 30 | 0.4 | 143 | 11 | 109 | 24 |
| 54469 | 5137 | soil | 40 | 0.5 | 180 | 12 | 52 | 25 |
| 54470 | 5138 | soil | 10 | 1 | 69 | 9 | 29 | 22 |
| 54471 | 5139 | soil | 37 | 0.5 | 42 | 11 | 37 | 32 |
| 54472 | 5140 | soil | 11 | 0.4 | 133 | 9 | 39 | 15 |
| 54473 | 5141 | soil | 10 | 0.4 | 146 | 8 | 28 | 18 |
| 54474 | 5142 | soil | 132 | 0.5 | 650 | 10 | 28 | 13 |
| 54475 | 5143 | soil | 523 | 1.3 | 434 | 15 | 49 | 33 |
| 54476 | 5144 | soil | 36 | 1 | 97 | 8 | 33 | 18 |
| 54477 | 5145 | soil | 37 | 0.9 | 62 | 16 | 54 | 43 |
| 54329 | 5266 | soil | 2040 | 3.6 | 900 | 37 | 96 | 121 |
| 54330 | 5267 | soil | 910 | 13.6 | 487 | 42 | 60 | 44 |
| 54331 | 5268 | soil | 360 | 3 | 2470 | 59 | 116 | 29 |
| 54332 | 5269 | soil | 3930 | 7.9 | 930 | 22 | 49 | 257 |
| 54333 | 5270 | soil | 322 | 0.9 | 2040 | 25 | 53 | 6 |
| 54334 | 5271 | soil | 366 | 0.7 | 1000 | 30 | 42 | 18 |
| 54335 | 5272 | soil | 445 | 2.2 | 780 | 27 | 149 | 43 |
| 54336 | 5273 | soil | 50 | 0.5 | 162 | 4 | 63 | 6 |
| 54337 | 5274 | soil | 1090 | 1.7 | 334 | 12 | 62 | 23 |
| 51665 | 2355 | soil | 23 | 0.9 | 37 | 36 | 38 | |
| 51666 | 2356 | soil | 30 | 1 | 32 | 12 | 40 | |
| 51667 | 2357 | soil | 37 | 1 | 54 | 17 | 57 | |
| 51669 | 2358 | soil | 11 | 1.6 | 86 | 11 | 38 | |
| 51670 | 2359 | soil | 10 | 0.8 | 46 | 18 | 40 | |
| 51671 | 2360 | soil | 10 | 0.8 | 26 | 4 | 26 | |
| 51672 | 2361 | soil | 10 | 0.6 | 27 | 4 | 24 | |
| 51673 | 2362 | soil | 10 | 0.7 | 25 | 4 | 32 | |
| 51674 | 2363 | soil | 10 | 0.7 | 27 | 4 | 52 | |
| 51675 | 2364 | soil | 10 | 1.2 | 59 | 21 | 61 | |
| 51676 | 2365 | soil | 10 | 1 | 53 | 28 | 60 | |
| 51677 | 2366 | soil | 280 | 5 | 212 | 38 | 278 | |
| 51678 | 2367 | soil | 43 | 3 | 117 | 44 | 69 | |
| 51679 | 2368 | soil | 68 | 2.7 | 64 | 23 | 51 | |
| 51680 | 2369 | soil | 70 | 1.7 | 35 | 37 | 60 | |
| 51681 | 2370 | soil | 227 | 4.2 | 412 | 99 | 437 | |
| 51682 | 2371 | soil | 10900 | 17.3 | 1640 | 488 | 2230 | |

| SAMPLE NO | LAB# | TYPE | AU | AG | CU | PB | ZN | AS |
|-----------|------|------|-----|-----|-----|-----|-----|----|
| 51683 | 2372 | soil | 368 | 2.5 | 462 | 47 | 251 | |
| 51684 | 2373 | soil | 540 | 2.9 | 640 | 34 | 206 | |
| 51685 | 2374 | soil | 120 | 1.1 | 420 | 4 | 33 | |
| 51686 | 2375 | soil | 373 | 1.9 | 880 | 12 | 45 | |
| 51701 | 2376 | soil | 143 | 1.7 | 428 | 26 | 70 | |
| 51702 | 2377 | soil | 17 | 1 | 126 | 15 | 81 | |
| 51703 | 2378 | soil | 10 | 2 | 139 | 11 | 28 | |
| 51704 | 2379 | soil | 179 | 1 | 93 | 13 | 58 | |
| 51705 | 2380 | soil | 235 | 1.9 | 307 | 52 | 99 | |
| 51706 | 2381 | soil | 52 | 1.7 | 71 | 13 | 68 | |
| 51707 | 2382 | soil | 60 | 1.9 | 54 | 15 | 47 | |
| 51708 | 2383 | soil | 80 | 1 | 77 | 18 | 57 | |
| 51709 | 2384 | soil | 10 | 1 | 59 | 9 | 36 | |
| 51710 | 2385 | soil | 16 | 2 | 65 | 5 | 46 | |
| 51711 | 2386 | soil | 19 | 2.4 | 35 | 10 | 33 | |
| 51712 | 2387 | soil | 10 | 2 | 190 | 18 | 90 | |
| 51713 | 2388 | soil | 10 | 1.1 | 218 | 140 | 249 | |
| 51714 | 2389 | soil | 10 | 0.8 | 31 | 7 | 49 | |
| 51715 | 2390 | soil | 10 | 1.1 | 90 | 7 | 45 | |
| 51716 | 2391 | soil | 10 | 0.4 | 83 | 6 | 41 | |
| 51717 | 2392 | soil | 41 | 0.7 | 59 | 5 | 36 | |
| 51718 | 2393 | soil | 10 | 0.4 | 63 | 8 | 69 | |
| 51719 | 2394 | soil | 10 | 1.1 | 71 | 10 | 45 | |
| 51720 | 2395 | soil | 10 | 1.1 | 32 | 4 | 32 | |
| 51721 | 2396 | soil | 10 | 1 | 37 | 9 | 49 | |
| 51722 | 2397 | soil | 10 | 2.7 | 57 | 10 | 48 | |
| 51723 | 2398 | soil | 51 | 0.7 | 151 | 6 | 59 | |
| 51724 | 2399 | soil | 44 | 6.4 | 49 | 12 | 69 | |
| 51725 | 2400 | soil | 10 | 1 | 103 | 13 | 41 | |
| 51726 | 2401 | soil | 16 | 0.6 | 58 | 7 | 52 | |
| 51727 | 2402 | soil | 10 | 0.7 | 41 | 11 | 36 | |
| 51728 | 2403 | soil | 10 | 0.8 | 42 | 9 | 32 | |
| 51729 | 2404 | soil | 10 | 0.4 | 46 | 11 | 89 | |
| 51730 | 2405 | soil | 10 | 0.8 | 75 | 9 | 98 | |
| 51731 | 2406 | soil | 10 | 1.4 | 60 | 7 | 44 | |
| 51732 | 2407 | silt | 40 | 0.4 | 175 | 12 | 85 | |
| 51733 | 2408 | soil | 10 | 1.6 | 145 | 13 | 111 | |
| 51734 | 2409 | soil | 10 | 2.4 | 14 | 8 | 37 | |
| 51735 | 2410 | soil | 10 | 1.4 | 43 | 17 | 94 | |
| 51736 | 2411 | soil | 10 | 0.8 | 90 | 9 | 39 | |
| 51737 | 2412 | soil | 206 | 1.4 | 148 | 26 | 224 | |
| 51738 | 2413 | silt | 10 | 0.9 | 99 | 10 | 437 | |
| 51739 | 2414 | silt | 10 | 1.3 | 83 | 13 | 172 | |
| 51740 | 2415 | soil | 10 | 0.7 | 43 | 11 | 80 | |
| 51741 | 2157 | soil | 402 | 2.1 | 760 | 35 | 156 | |
| 51742 | 2158 | soil | 55 | 2.3 | 76 | 13 | 90 | |
| 51743 | 2159 | soil | 72 | 0.7 | 97 | 10 | 55 | |
| 51744 | 2160 | soil | 20 | 0.4 | 42 | 24 | 98 | |
| 51745 | 2161 | soil | 20 | 0.6 | 52 | 13 | 58 | |
| 51746 | 2162 | soil | 28 | 0.5 | 31 | 11 | 86 | |
| 51785 | 2163 | soil | 23 | 0.5 | 32 | 22 | 72 | |
| 51786 | 2164 | soil | 73 | 0.4 | 90 | 11 | 75 | |
| 51787 | 2165 | soil | 142 | 0.4 | 89 | 6 | 58 | |
| 51788 | 2166 | soil | 108 | 0.9 | 155 | 15 | 115 | |
| 51789 | 2167 | soil | 71 | 4.7 | 257 | 161 | 580 | |
| 51790 | 2168 | soil | 98 | 1.8 | 124 | 12 | 140 | |
| 51791 | 2169 | soil | 20 | 3.6 | 74 | 12 | 76 | |
| 51792 | 2170 | soil | 42 | 1.6 | 83 | 16 | 75 | |
| 51793 | 2171 | soil | 10 | 1 | 26 | 14 | 50 | |
| 51794 | 2172 | soil | 10 | 0.7 | 30 | 13 | 103 | |

| SAMPLE NO | LAB# | TYPE | AU | AG | CU | PB | ZN | AS |
|-----------|------|------|------|-----|-----|----|-----|----|
| 51795 | 2173 | soil | 10 | 1.7 | 38 | 11 | 69 | |
| 51796 | 2174 | soil | 10 | 1.5 | 27 | 4 | 38 | |
| 51797 | 2175 | soil | 50 | 0.8 | 43 | 9 | 37 | |
| 51798 | 2176 | soil | 10 | 0.5 | 59 | 10 | 84 | |
| 51799 | 2177 | soil | 71 | 1.3 | 71 | 6 | 66 | |
| 51800 | 2178 | soil | 10 | 0.4 | 43 | 4 | 62 | |
| 51554 | 2179 | soil | 10 | 0.7 | 62 | 4 | 47 | |
| 51555 | 2180 | soil | 22 | 0.5 | 74 | 8 | 47 | |
| 51556 | 2181 | soil | 30 | 1.3 | 48 | 5 | 63 | |
| 51557 | 2182 | soil | 20 | 0.8 | 50 | 10 | 82 | |
| 51558 | 2183 | soil | 10 | 1.3 | 69 | 7 | 46 | |
| 51559 | 2184 | soil | 12 | 0.6 | 64 | 6 | 23 | |
| 51560 | 2185 | soil | 10 | 0.9 | 57 | 6 | 24 | |
| 51561 | 2186 | soil | 10 | 0.4 | 53 | 11 | 72 | |
| 51562 | 2187 | soil | 10 | 0.7 | 42 | 16 | 43 | |
| 64201 | 2188 | soil | 430 | 1.5 | 482 | 33 | 162 | |
| 64202 | 2189 | soil | 68 | 2.1 | 443 | 62 | 208 | |
| 64203 | 2190 | soil | 196 | 0.4 | 23 | 4 | 9 | |
| 64204 | 2191 | soil | 3100 | 2.5 | 317 | 10 | 47 | |
| 64205 | 2192 | soil | 613 | 2.7 | 337 | 60 | 144 | |
| 64206 | 2193 | soil | 320 | 1.3 | 185 | 12 | 122 | |
| 64207 | 2194 | soil | 593 | 3 | 396 | 56 | 103 | |
| 64208 | 2195 | soil | 198 | 1.9 | 241 | 22 | 161 | |
| 64209 | 2196 | soil | 39 | | | | | |
| 64210 | 2197 | soil | 10 | 2.4 | 409 | 19 | 570 | |
| 64211 | 2198 | soil | 20 | 1.8 | 340 | 30 | 346 | |
| 64212 | 2199 | soil | 76 | 3.5 | 453 | 45 | 305 | |
| 64213 | 2200 | soil | 123 | 1.5 | 204 | 33 | 214 | |
| 64214 | 2201 | soil | 10 | 1.2 | 146 | 29 | 215 | |
| 64215 | 2202 | soil | 1100 | 3.4 | 339 | 95 | 406 | |
| 64216 | 2203 | soil | 145 | 1.5 | 315 | 73 | 250 | |
| 64217 | 2204 | soil | 1000 | 2.2 | 850 | 54 | 164 | |
| 64218 | 2205 | soil | 10 | | | | | |
| 64219 | 2206 | soil | 2200 | 2.2 | 325 | 59 | 161 | |
| 64220 | 2207 | soil | 896 | 2.4 | 630 | 51 | 141 | |
| 64221 | 2208 | soil | 1205 | 3.7 | 532 | 16 | 53 | |
| 51851 | 2209 | soil | 1430 | 1.6 | 437 | 34 | 154 | |
| 51852 | 2210 | soil | 488 | 1.5 | 409 | 31 | 187 | |
| 51853 | 2211 | soil | 352 | 1.6 | 328 | 35 | 167 | |
| 51854 | 2212 | soil | 720 | 0.8 | 206 | 18 | 146 | |
| 51855 | 2213 | soil | 1150 | 1.5 | 388 | 37 | 157 | |
| 51856 | 2214 | soil | 270 | 1.1 | 294 | 32 | 147 | |
| 51857 | 2215 | soil | 420 | 1.2 | 630 | 33 | 127 | |
| 51858 | 2216 | soil | 131 | 2.1 | 247 | 32 | 234 | |
| 51859 | 2217 | soil | 53 | 2.1 | 196 | 24 | 248 | |
| 51860 | 2218 | soil | 10 | 4.5 | 119 | 18 | 169 | |
| 51861 | 2219 | soil | 11 | 0.6 | 153 | 15 | 254 | |
| 51862 | 2220 | soil | 580 | 2 | 521 | 33 | 160 | |
| 51863 | 2221 | soil | 428 | 1.6 | 750 | 21 | 125 | |
| 51864 | 2222 | soil | 253 | 1.3 | 413 | 31 | 158 | |
| 51865 | 2223 | soil | 500 | 1.6 | 610 | 24 | 122 | |
| 51866 | 2224 | soil | 638 | 2 | 414 | 35 | 201 | |
| 51867 | 2225 | soil | 59 | 2.5 | 257 | 32 | 176 | |
| 51868 | 2226 | soil | 553 | 1.3 | 486 | 35 | 177 | |
| 51869 | 2227 | soil | 1260 | 3.6 | 418 | 35 | 137 | |
| 51870 | 2228 | soil | 265 | 0.6 | 173 | 21 | 137 | |
| 51871 | 2229 | soil | 219 | 1.9 | 273 | 18 | 98 | |
| 64101 | 2230 | silt | 10 | 0.4 | 54 | 4 | 58 | |
| 64102 | 2231 | silt | 10 | 0.4 | 45 | 11 | 57 | |
| 64103 | 2232 | silt | 10 | 0.4 | 42 | 7 | 37 | |

| SAMPLE NO. | LAB# | TYPE | AU | AG | CU | PB | ZN | AS |
|------------|------|------|------|-----|-----|----|-----|----|
| 54104 | 2233 | silt | 53 | 0.4 | 52 | 4 | 70 | |
| 51847 | 2234 | soil | 10 | 1.3 | 234 | 24 | 213 | |
| 51749 | 2235 | soil | 10 | 0.9 | 380 | 26 | 174 | |
| 51750 | 2236 | soil | 10 | 0.6 | 356 | 11 | 100 | |
| 51751 | 2237 | soil | 10 | 3.3 | 71 | 21 | 87 | |
| 51752 | 2238 | soil | 10 | 2 | 77 | 9 | 80 | |
| 51753 | 2239 | soil | 10 | 5.3 | 79 | 12 | 76 | |
| 51754 | 2240 | soil | 10 | 2.7 | 125 | 66 | 173 | |
| 51755 | 2241 | soil | 10 | 0.9 | 46 | 9 | 66 | |
| 51756 | 2242 | soil | 10 | 2 | 36 | 9 | 36 | |
| 51757 | 2243 | soil | 10 | 2 | 43 | 10 | 48 | |
| 51758 | 2244 | soil | 10 | 1.5 | 39 | 4 | 31 | |
| 51759 | 2245 | soil | 10 | 1.4 | 102 | 4 | 100 | |
| 51760 | 2246 | soil | 10 | 1.6 | 34 | 26 | 60 | |
| 51761 | 2247 | soil | 10 | 0.6 | 14 | 4 | 55 | |
| 51762 | 2248 | soil | 10 | 0.5 | 36 | 4 | 144 | |
| 51763 | 2249 | soil | 10 | 0.4 | 29 | 8 | 80 | |
| 51764 | 2250 | soil | 10 | 0.7 | 70 | 32 | 123 | |
| 51765 | 2251 | soil | 10 | 1.4 | 37 | 4 | 34 | |
| 51766 | 2252 | soil | 10 | 1.4 | 33 | 12 | 54 | |
| 51687 | 2253 | soil | 136 | 2.3 | 417 | 43 | 131 | |
| 51688 | 2254 | soil | 123 | 1.6 | 344 | 30 | 97 | |
| 51689 | 2255 | soil | 10 | 1.6 | 285 | 44 | 81 | |
| 51690 | 2256 | soil | 106 | 1 | 183 | 12 | 38 | |
| 51848 | 2257 | soil | 60 | 1.5 | 90 | 48 | 79 | |
| 51849 | 2258 | soil | 342 | 1.8 | 760 | 38 | 214 | |
| 51850 | 2259 | soil | 180 | 1.5 | 910 | 22 | 155 | |
| 51767 | 2260 | soil | 74 | 2.4 | 149 | 62 | 324 | |
| 51768 | 2261 | soil | 40 | 1.5 | 117 | 38 | 109 | |
| 51769 | 2262 | soil | 12 | 0.8 | 40 | 17 | 65 | |
| 51770 | 2263 | soil | 23 | 1.9 | 92 | 27 | 195 | |
| 51771 | 2264 | soil | 36 | 1.3 | 62 | 32 | 160 | |
| 51772 | 2265 | soil | 19 | 1.7 | 57 | 9 | 40 | |
| 51773 | 2266 | soil | 28 | 1.4 | 43 | 13 | 97 | |
| 51774 | 2267 | soil | 50 | 0.7 | 52 | 13 | 59 | |
| 51775 | 2268 | soil | 10 | 1.3 | 49 | 46 | 96 | |
| 51776 | 2269 | soil | 10 | 2.2 | 56 | 6 | 64 | |
| 51777 | 2270 | soil | 10 | 1.3 | 29 | 5 | 35 | |
| 51778 | 2271 | soil | 19 | 0.9 | 43 | 17 | 58 | |
| 51779 | 2272 | soil | 10 | 1.2 | 26 | 6 | 56 | |
| 51780 | 2273 | soil | 18 | 0.8 | 40 | 10 | 73 | |
| 51781 | 2274 | soil | 23 | 0.6 | 60 | 14 | 90 | |
| 51782 | 2275 | soil | 40 | 0.6 | 144 | 16 | 105 | |
| 51783 | 2276 | soil | 798 | 1.3 | 221 | 9 | 55 | |
| 51784 | 2277 | soil | 113 | 2.3 | 338 | 27 | 284 | |
| 54222 | 2278 | soil | 10 | 0.8 | 34 | 6 | 54 | |
| 54223 | 2279 | soil | 276 | 0.4 | 119 | 31 | 115 | |
| 54224 | 2280 | soil | 55 | 0.8 | 114 | 17 | 70 | |
| 54225 | 2281 | soil | 42 | 0.7 | 37 | 23 | 119 | |
| 54226 | 2282 | soil | 980 | 1.9 | 291 | 13 | 95 | |
| 54227 | 2283 | soil | 1090 | 2.3 | 266 | 17 | 87 | |
| 54228 | 2284 | soil | 45 | 1 | 216 | 28 | 82 | |
| 54229 | 2285 | soil | 207 | 1.5 | 315 | 21 | 88 | |
| 54230 | 2286 | soil | 100 | 1.6 | 114 | 9 | 56 | |
| 54231 | 2287 | soil | 73 | 2.5 | 114 | 9 | 45 | |
| 51564 | 2288 | soil | 99 | 0.6 | 125 | 20 | 161 | |
| 51565 | 2289 | soil | 10 | 0.5 | 37 | 13 | 117 | |
| 51566 | 2290 | soil | 10 | 0.5 | 34 | 11 | 65 | |
| 51567 | 2291 | soil | 30 | 0.5 | 31 | 16 | 74 | |
| 51567 | 2292 | soil | 21 | 1.1 | 41 | 26 | 53 | |


| SAMPLE NG | LAB# | TYPE | AU | AG | CU | PB | ZN | AS |
|-----------|------|------|------|------|------|------|------|----|
| 51568 | 2293 | soil | 10 | 0.9 | 49 | 12 | 71 | |
| 51691 | 2294 | silt | 20 | 1.2 | 93 | 36 | 334 | |
| 51692 | 2295 | soil | 16 | 0.7 | 30 | 16 | 53 | |
| 51693 | 2296 | soil | 10 | 0.5 | 26 | 6 | 66 | |
| 51694 | 2297 | soil | 10 | 4.5 | 137 | 30 | 206 | |
| 51695 | 2298 | soil | 14 | 0.7 | 49 | 19 | 143 | |
| 51696 | 2299 | soil | 10 | 0.4 | 32 | 21 | 112 | |
| 54001 | 2300 | soil | 126 | 0.6 | 61 | 12 | 76 | |
| 54002 | 2301 | soil | 32 | 0.6 | 63 | 16 | 119 | |
| 54003 | 2302 | soil | 58 | 1.9 | 27 | 11 | 55 | |
| 54004 | 2303 | soil | 10 | | | | | |
| 54005 | 2304 | soil | 31 | 0.6 | 28 | 10 | 42 | |
| 54006 | 2305 | soil | 117 | 1.3 | 82 | 17 | 66 | |
| 54007 | 2306 | soil | 56 | 1.2 | 62 | 26 | 79 | |
| 54008 | 2307 | soil | 10 | 0.6 | 35 | 7 | 91 | |
| 54009 | 2308 | soil | 10 | 0.8 | 21 | 19 | 62 | |
| 54010 | 2309 | soil | 10 | 0.5 | 55 | 12 | 89 | |
| 54011 | 2310 | soil | 10 | 0.9 | 46 | 14 | 138 | |
| 54012 | 2311 | soil | 10 | 0.7 | 30 | 6 | 164 | |
| 54013 | 2312 | soil | 43 | 1.2 | 143 | 22 | 152 | |
| 54014 | 2313 | soil | 122 | 0.6 | 20 | 19 | 31 | |
| 54015 | 2314 | soil | 40 | 0.7 | 213 | 16 | 117 | |
| 54016 | 2315 | soil | 10 | 6.8 | 41 | 9 | 47 | |
| 54017 | 2316 | soil | 10 | 0.8 | 42 | 10 | 101 | |
| 54018 | 2317 | soil | 100 | 0.6 | 112 | 33 | 118 | |
| 54019 | 2318 | silt | 10 | 0.4 | 56 | 5 | 238 | |
| 54020 | 2319 | soil | 40 | 0.4 | 34 | 12 | 78 | |
| 54021 | 2320 | silt | 10 | 0.4 | 102 | 4 | 175 | |
| 54022 | 2321 | soil | 43 | 1 | 44 | 11 | 66 | |
| 54023 | 2322 | soil | 10 | 0.7 | 20 | 4 | 32 | |
| 54024 | 2323 | soil | 20 | 0.9 | 30 | 12 | 59 | |
| 54025 | 2324 | soil | 39 | 1.3 | 34 | 19 | 60 | |
| 54026 | 2325 | silt | 20 | 0.4 | 70 | 13 | 151 | |
| 54027 | 2326 | soil | 30 | 0.8 | 52 | 14 | 85 | |
| 54028 | 2327 | soil | 12 | 12.7 | 47 | 14 | 54 | |
| 54029 | 2328 | soil | 10 | 0.6 | 76 | 15 | 142 | |
| 54030 | 2329 | soil | 50 | 0.4 | 176 | 16 | 132 | |
| 54031 | 2330 | soil | 1560 | 56 | 3720 | 1050 | 7900 | |
| 54034 | 2331 | soil | 273 | 1.2 | 416 | 36 | 169 | |
| 54035 | 2332 | soil | 10 | 0.5 | 70 | 12 | 138 | |
| 54036 | 2333 | soil | 10 | 1.5 | 196 | 13 | 224 | |
| 54037 | 2334 | soil | 10 | 0.4 | 77 | 7 | 106 | |
| 54038 | 2335 | soil | 10 | 0.8 | 75 | 10 | 89 | |
| 54300 | 4213 | soil | 10 | 0.5 | 37 | 10 | 79 | 14 |
| 54301 | 4214 | soil | 10 | 0.4 | 74 | 14 | 132 | 14 |
| 54302 | 4215 | soil | 20 | 0.4 | 53 | 13 | 102 | 13 |
| 54303 | 4216 | soil | 10 | 0.4 | 33 | 9 | 44 | 2 |
| 54304 | 4217 | soil | 10 | 0.8 | 23 | 10 | 30 | 5 |
| 54305 | 4218 | soil | 10 | 0.8 | 21 | 7 | 37 | 6 |
| 54306 | 4219 | soil | 10 | 0.7 | 56 | 18 | 56 | 15 |
| 54307 | 4220 | soil | 10 | 0.5 | 32 | 15 | 53 | 12 |
| 54308 | 4221 | soil | 10 | 0.4 | 37 | 15 | 55 | 12 |
| 54309 | 4222 | soil | 20 | 1 | 37 | 22 | 75 | 16 |
| 54310 | 4223 | soil | 11 | 0.4 | 49 | 19 | 93 | 13 |
| 54311 | 4224 | soil | 10 | 0.6 | 24 | 4 | 29 | 5 |
| 54312 | 4225 | soil | 15 | 0.5 | 41 | 14 | 96 | 10 |
| 54313 | 4226 | soil | 10 | 0.5 | 38 | 10 | 71 | 17 |
| 54314 | 4227 | soil | 10 | 0.4 | 37 | 9 | 82 | 18 |
| 54315 | 4228 | soil | 10 | 1.8 | 41 | 13 | 75 | 14 |
| 54316 | 4229 | silt | 10 | 0.7 | 100 | 14 | 285 | 20 |

APPENDIX IV

I, Michael G. Westcott of 214-2025 West 1st Avenue, Vancouver, British Columbia, Canada, declare:

1. I am a Geologist, residing at the above address.
2. I am a Graduate of Geological Science from the University of British Columbia, in 1988 with a Bachelor of Science (Geology) degree.
3. I have no financial interest, directly or indirectly in the securities of Crest Resources Ltd., or in the properties described in this report. I do not expect to receive or acquire any interest.
4. This report is based on my personal field examination of the properties.

Dated at Vancouver, B.C., this
23 day of October 1988



Michael G. Westcott

APPENDIX V

REFERENCES

1. Gareau, M.B. 1983, Geochemical assessment report on the Cole Claim, Skeena Mining Division, British Columbia.
2. Grove, E.W. 1986, Bulletin 63, Geology and Mineral Deposits of the Unuk River - Salmon River - Anyox Area.
3. Poloni, J.R. 1987, Report on the Consoat Mineral Claim, Skeena Mining Division, British Columbia.
4. Poloni, J.R. 1987, Report on the King (1-4) Mineral Claims, Skeena Mining Division, British Columbia.

LEGEND

- Black Argillite: wavy laminations locally present but usually massive. Commonly hosts 1-2% pyrite as fine disseminations or 1-2 mm cubes. Often hornfelsed proximal to intrusive.
- Dioritic-(Andesitic?) Intrusive: commonly medium-light green, occasionally dark grey, medium-fine grained with feldspar phenocrysts abundant in both. Feldspar phenos often have non distinct boundaries and occasionally define a Trachytic texture.
- Light-Green Laminated Siltstone: well laminated, weathers light green → whitish. Lamellae 2-10 mm.
- Calcareous Black wacke/Siltstone: black, medium-fine grained commonly cut by 1mm-2 cm calcite veins. massive in appearance, no distinguishable bedding.
- Fine Grained, Light Green-Grey Andesitic Volcanic: generally massive 0.5-1 mm mafic phenocrysts are present in 2-3% abundance. This unit is often cut by dioritic dykes along the boundaries of which bleaching and minor pyritic alteration of the volcanic occurs.

Major Gossanous Zones

Breccia Zone

PY - Pyrite
 CP - Chalcopyrite
 MO - Molybdenite

5
 4
 3
 2
 1



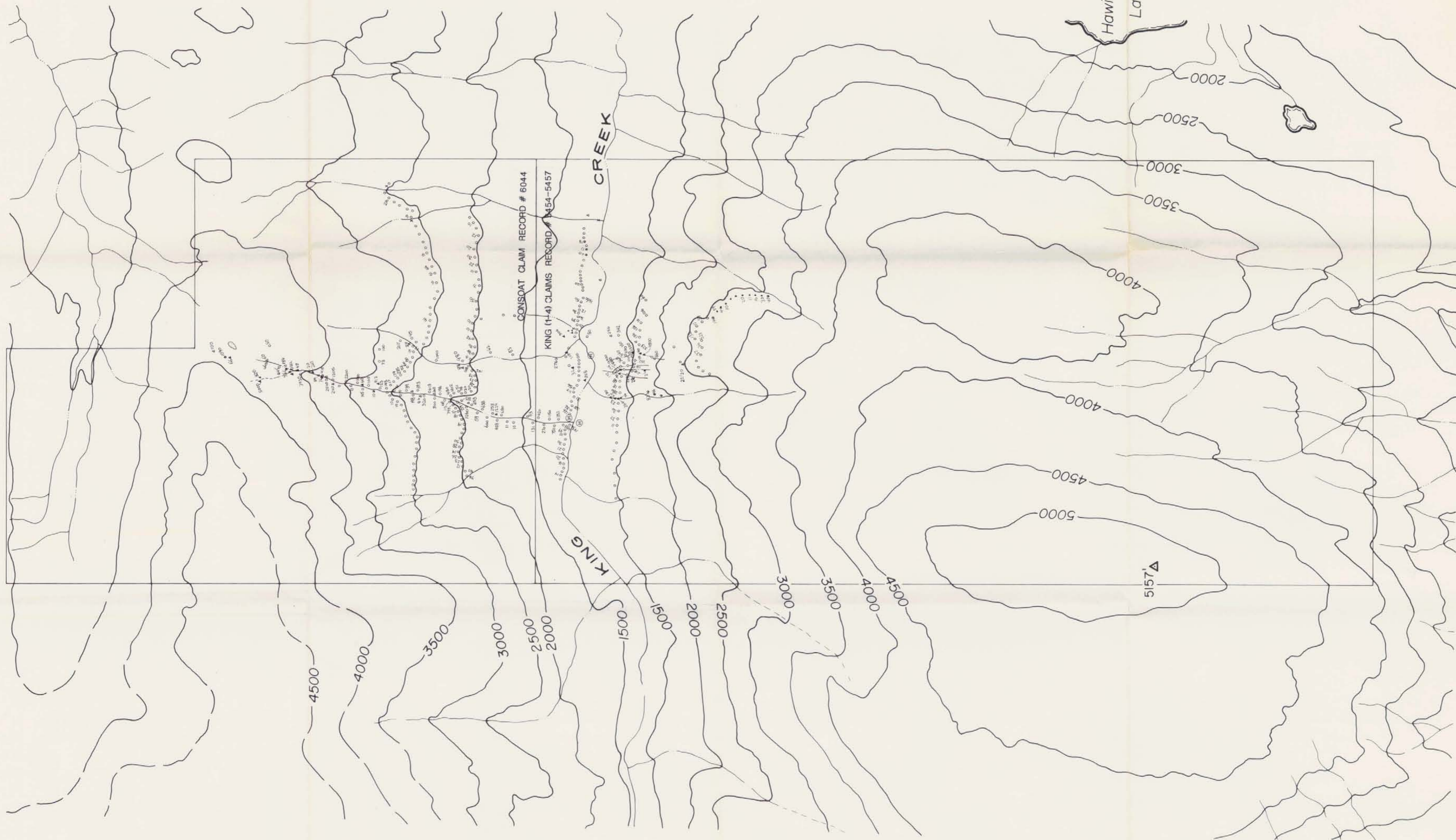
GEOLOGICAL BRANCH
 ASSESSMENT REPORT

18,614

PLATE 1

| | | |
|-----------------------|--------------------|----------------|
| KING CONSOAT PROPERTY | | FORM 210 06/80 |
| Drawn by J.A.P. | Traced by a.m.o. | |
| GEOLOGY | | |
| SKEENA M.D., B.C. | | |
| Scale 1:10,000 | Date July 11, 1988 | Plate |

0 200 400 600 800 1000 metres



- x silt sample location
- o soil sample location
- △ rock sample location
- Au assays plotted in ppb
- ⊙ Helipad

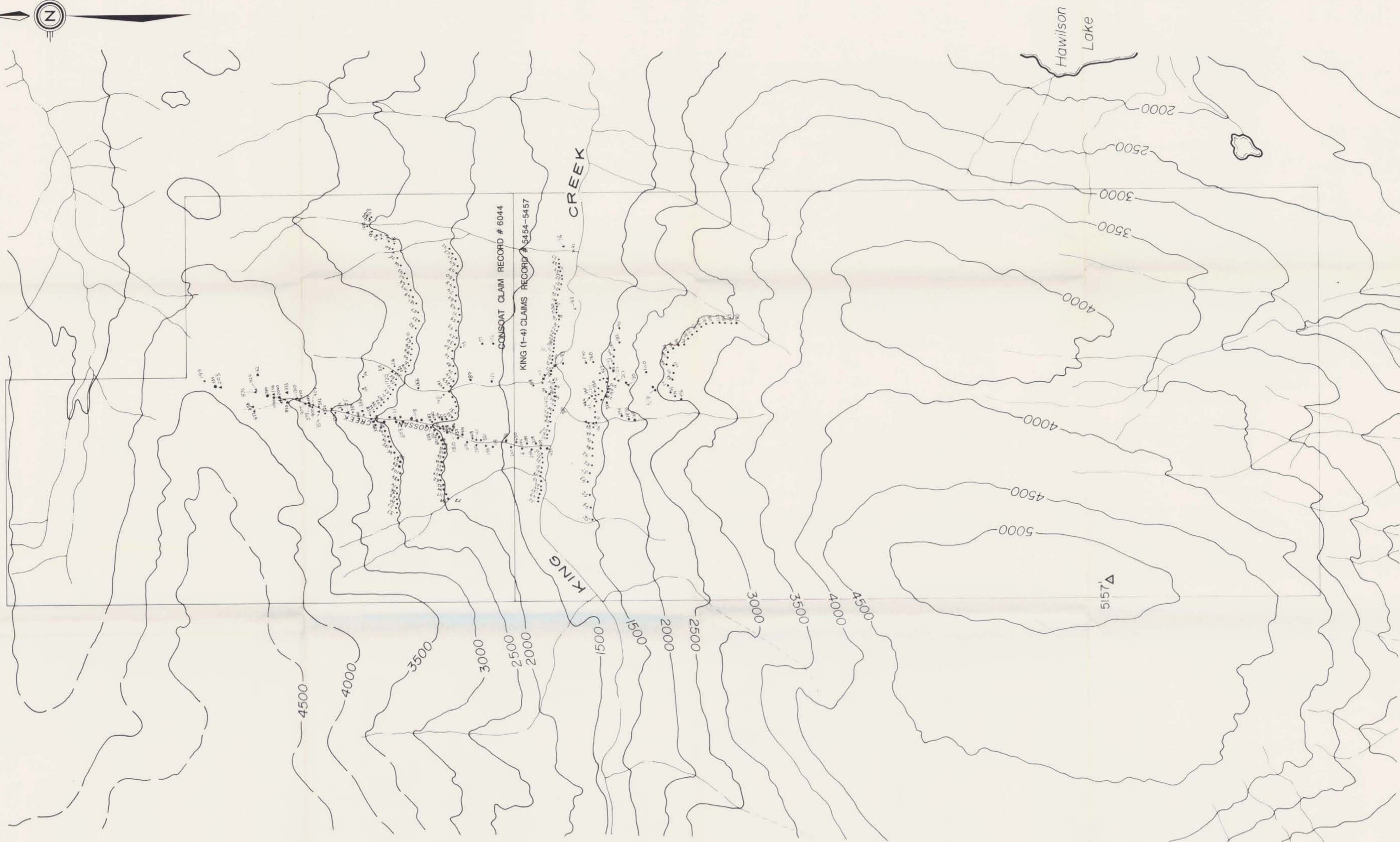


GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,614

PLATE 2

| | | | |
|-----------------------|-------------------|--------------------|-------------|
| KING CONSOAT PROPERTY | | 104 B/7 | |
| Drawn by: J.A.P. | Traced by: a.m.a. | | |
| Revised by: _____ | Date: _____ | Revised by: _____ | Date: _____ |
| SKEENA M.D., B.C. | | GEOCHEMISTRY | |
| | | Au (ppb) | |
| Scale 1 : 10,000 | | Date July 11, 1988 | Plate |



GEOLOGICAL BRANCH
ASSESSMENT REPORT

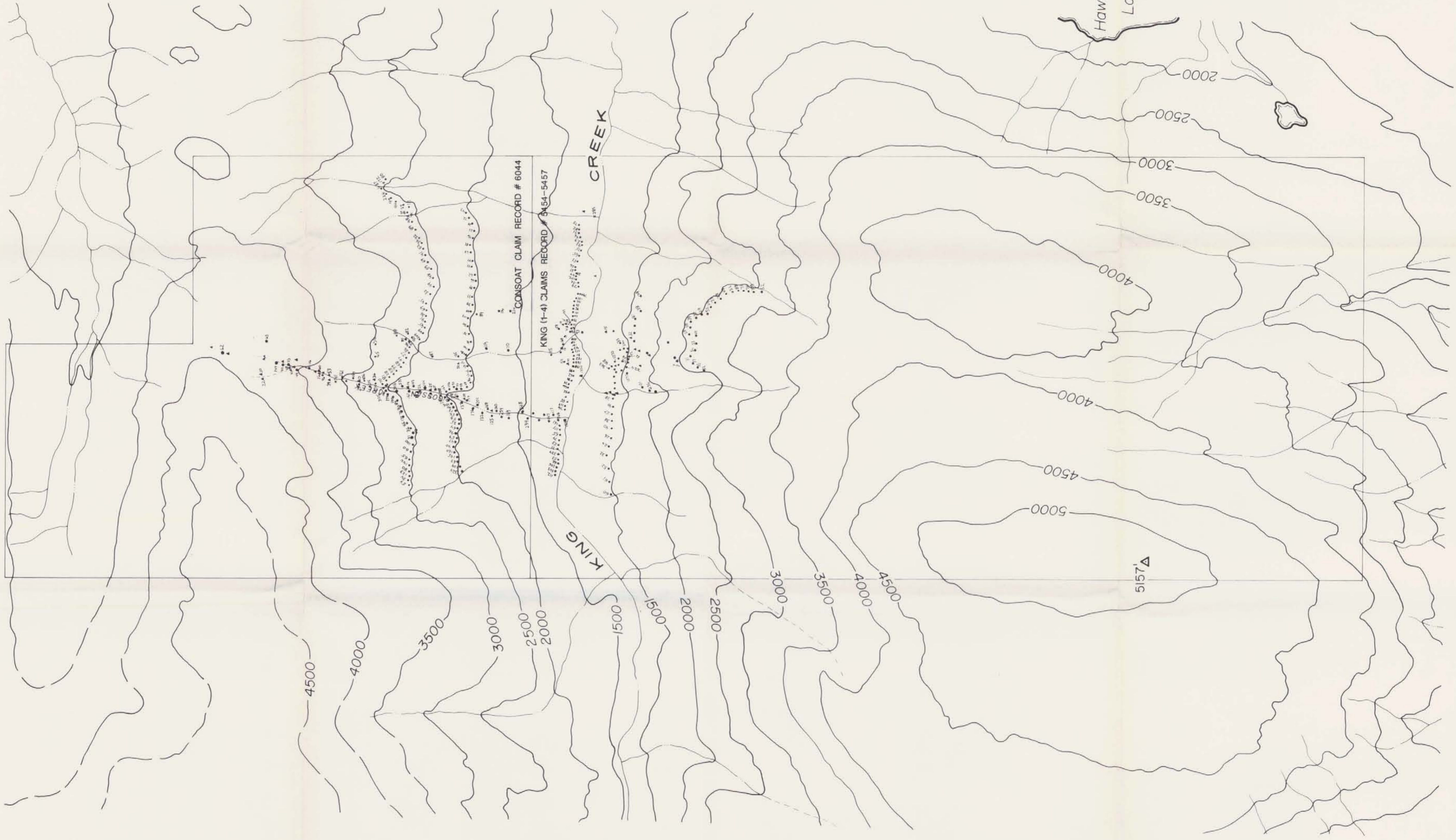
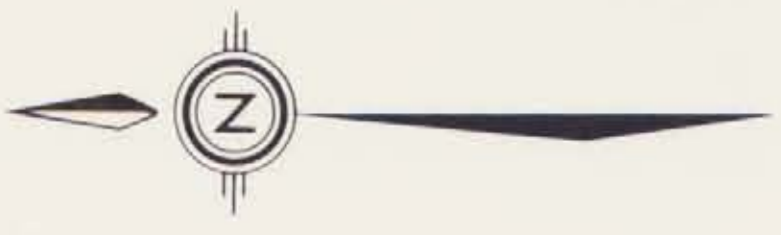
18,614

PLATE 3



| KING CONSOAT PROPERTY | | Scale 10,000 | Date July 11, 1988 | Plate |
|-----------------------|--------|--------------|--------------------|-------|
| Geochem | Cu ppm | | | |
| SKEENA M.D., B.C. | | | | |





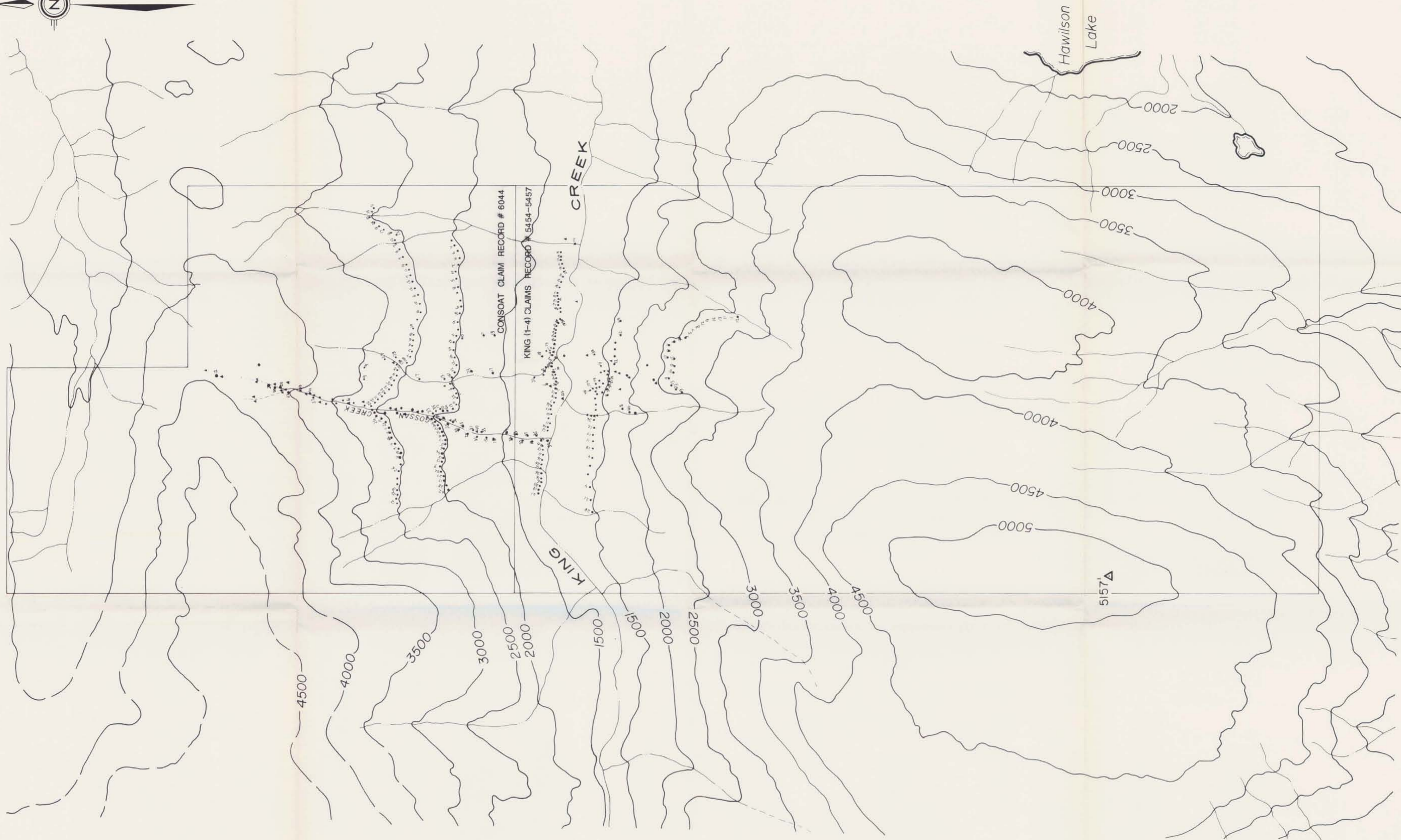
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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PLATE 5



| | | | | | |
|-----------------------|--------|------------|--------|-------------------|---------------|
| KING CONSOAT PROPERTY | | Geochem | | FORM 104 B/7 | |
| Drawn by | I.A.P. | Traced by | a.m.g. | Zn ppm | |
| Revised by | | Revised by | | SKEENA M.D., B.C. | |
| Date | | Date | | Scale | 1 : 10,000 |
| | | | | Date | July 11, 1988 |
| | | | | Plate | |



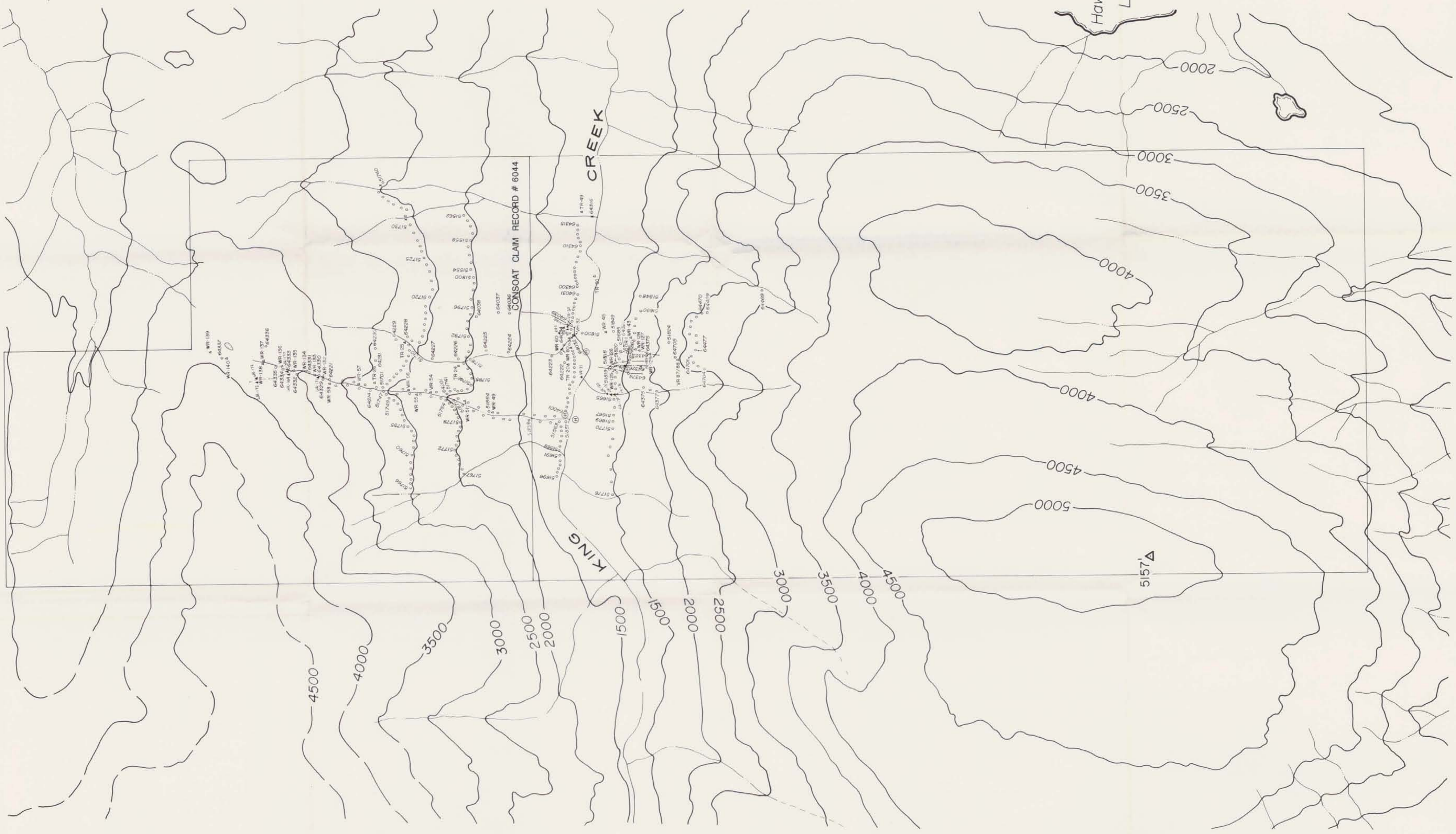
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,614

PLATE 4

| | | | |
|-----------------------|-------------------|---------------------|-----------------|
| KING CONSOAT PROPERTY | | 104 B/7 | |
| Drawn by: J.A.P. | Traced by: g.m.o. | Geochem | Pb ppm. |
| Revised by: _____ | Revised by: _____ | SKEENA M.D., B.C. | Scale: 1:10,000 |
| | | Date: July 11, 1988 | Plate |





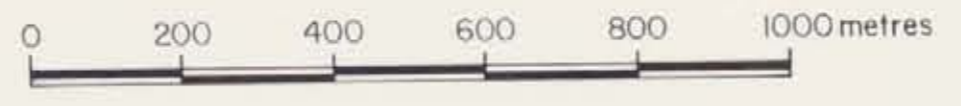
KING CONSOAT A.P.
10481 F

- x silt sample location and id number
- o soil
- Δ rock
- ⊕ Helipad

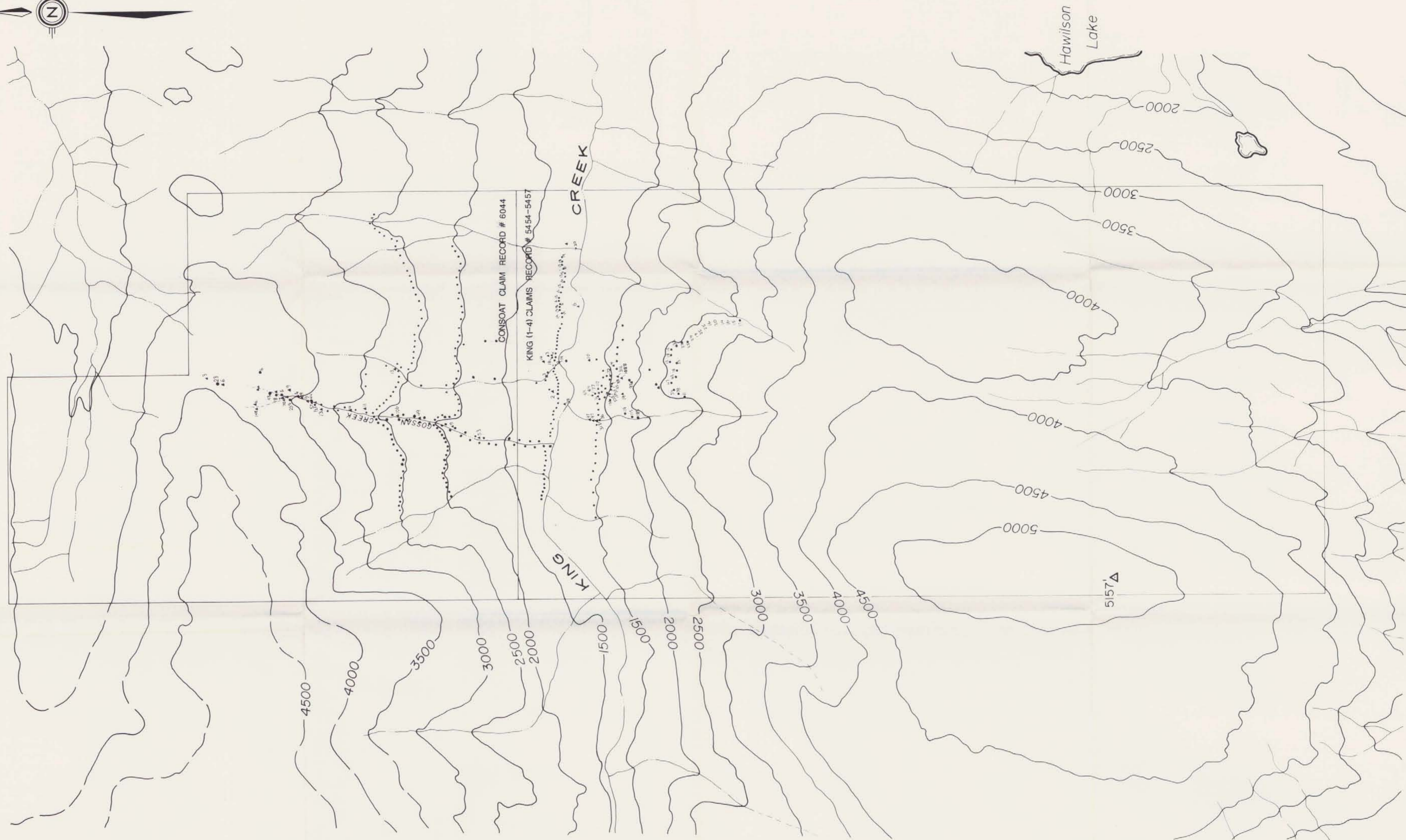
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,614

PLATE 8



| | | | |
|-----------------------|---------------------|-------------------|--|
| KING CONSOAT PROPERTY | | GEOCHEMISTRY | |
| Drawn by: I.A.P. | Traced by: a.m.d. | SAMPLE LOCATIONS | |
| Revised by: [] | Date: [] | SKEENA M.D., B.C. | |
| Scale: 1:10,000 | Date: July 11, 1988 | Plate: [] | |



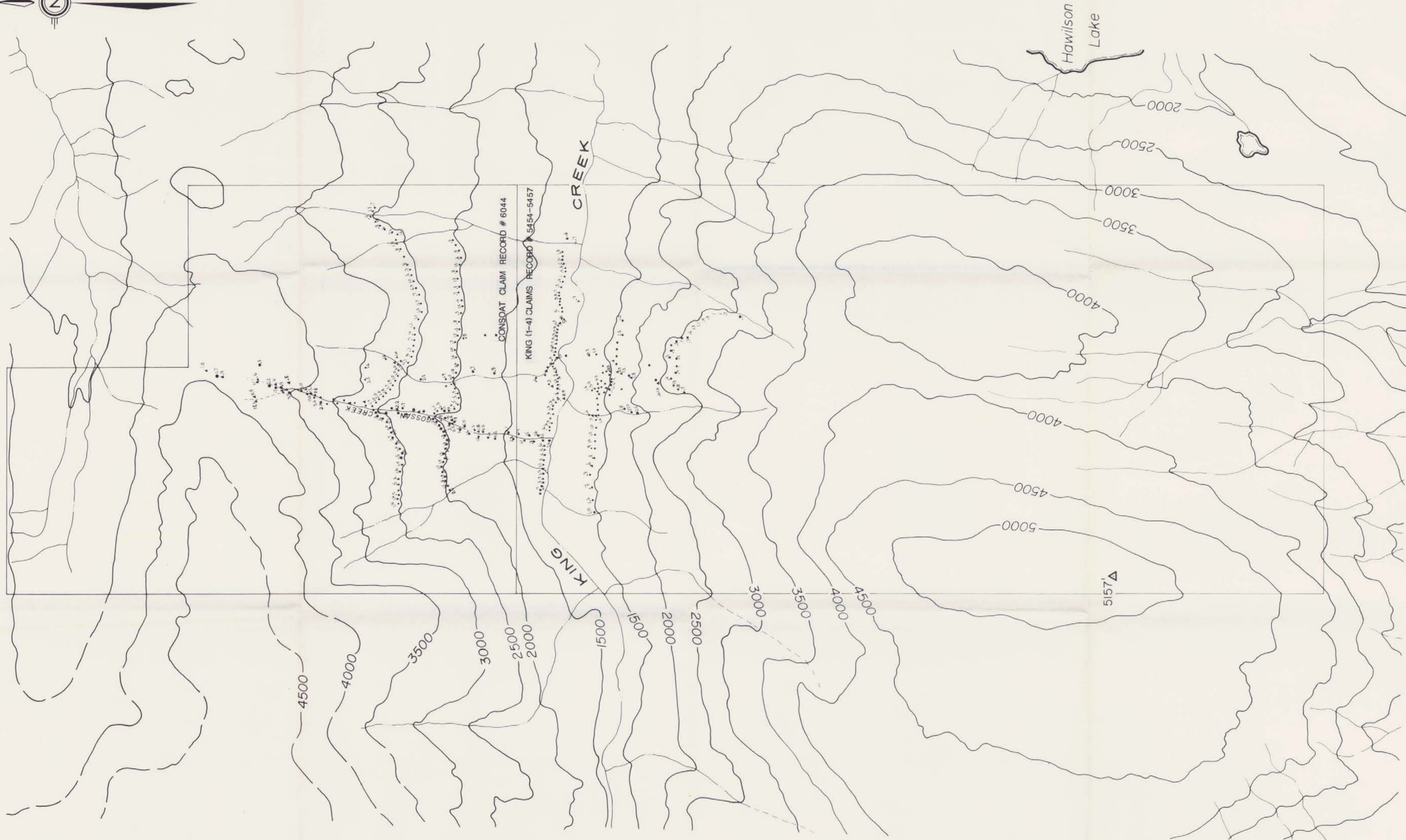
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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PLATE 7



| KING CONSOAT PROPERTY | | | | 104 B/7 |
|-----------------------|------------|------------|---------------|--------------------|
| Drawn by | I.A.P. | Traced by | a.m.a. | Geochem As ppm. |
| Revised by | | Revised by | | |
| SKEENA M.D., B.C. | | | | Plate |
| Scale | 1 : 10,000 | Date | July 11, 1988 | |



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PLATE 6



| | | | | | |
|-----------------------|------------------|-------------------|--|----------------|--------------------|
| KING CONSOAT PROPERTY | | Geochem | | Ag ppm. | |
| Drawn by I.A.P. | Traced by a.m.a. | SKEENA M.D., B.C. | | Scale 1:10,000 | Date July 11, 1988 |
| Revised by | Revised by | | | Plate | |

