#### ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.05.02

ASSESSMENT REPORT 17634

MINING DIVISION: Skeena

PROPERTY:

Cow

LOCATION:

129 52 00 56 22 00 LONG LAT

446459 09 6247013 MTU

104A05W NTS

CLAIM(S): OPERATOR(S): Cow 1-3 Teuton Res.

AUTHOR(S): REPORT YEAR:

Cremonese, D.M. 1988, 20 Pages

COMMODITIES

SEARCHED FOR: Copper, Gold, Silver, Lead, Zinc

GEOLOGICAL

SUMMARY:

Green, red, purple and black volcanic breccia, conglomerate, sandstone and siltstone of the Lower Jurassic Unuk River Formation are unconformably overlain, or in fault contact, with a similar suite of rocks belonging to the Middle Jurassic Betty Creek Formation, and intruded in places by leuco-granite stocks. Geochemistry suggests

copper-gold and/or lead-zinc-silver minenralization.

WORK

DONE:

Geochemical

34 sample(s) ;ME ROCK

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

55 sample(s);ME SILT

Map(s) - 2; Scale(s) - 1:10 000

| LOG NO: 0803 | RD, |
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ASSESSMENT REPORT

ON

GEOCHEMICAL WORK
ON THE FOLLOWING CLAIMS

COW 1 .... 6166(4) COW 2 .... 6167(4) COW 3 .... 6168(4) COW 4 .... 6169(4)

COW GROUP

### located

50 KM NORTH-NORTHEAST OF STEWART, BRITISH COLUMBIA SKEENA MINING DIVISION

56 degrees 22 minutes latitude 129 degrees 52 minutes longitude

N.T.S. 104A/5W

PROJECT PERIOD: Sept. 1 - Oct. 25, 1987

ON BEHALF OF TEUTON RESOURCES CORP. VANCOUVER, B.C.

REPORT BY

D. Cremonese, P. Eng. 200-675 W. Hastings Vancouver, B.C. SUB-RECORDER RECEIVED

JUL 26 1988

M.R. # ..... \$ ..... VANCOUVER, B.C.

Date: July 25, 1988

FILMED

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,654

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### 1. INTRODUCTION

### A. Property, Location, Access and Physiography

The property is located about 50 km north-northeast of Stewart, British Columbia. Nearest paved road is the Cassiar-Stewart Highway about 30 km to the northeast. Access is presently limited to helicopter, either from the base at Stewart or from the Granduc air strip (the latter approximately 12 km to the southwest). The recent completion of a temporary road from a barge terminal on Bowser Lake into the Sulphurets gold-silver prospect near Brucejack Lake has provided yet another alternative means of access; this road passes within 3 km of the northern boundary of the property.

The Cow claims are centered roughly at the foot of Haimila A small pond at the toe of this glacier gives rise to an unnamed tributary of the Bowser River. Elevations vary from approximately 450 m in the northeast corner of the claims (along the creek floor) to 1650 m near the mid-point of the southern boundary. Vegetation in the area changes from a mantle of mountain hemlock and balsam at low-lying elevations to shrubs, mountain grasses and heather at higher elevations. Slopes range from moderate to steep to precipitous; however, most of the property can be accessed without resort to mountaineering equipment.

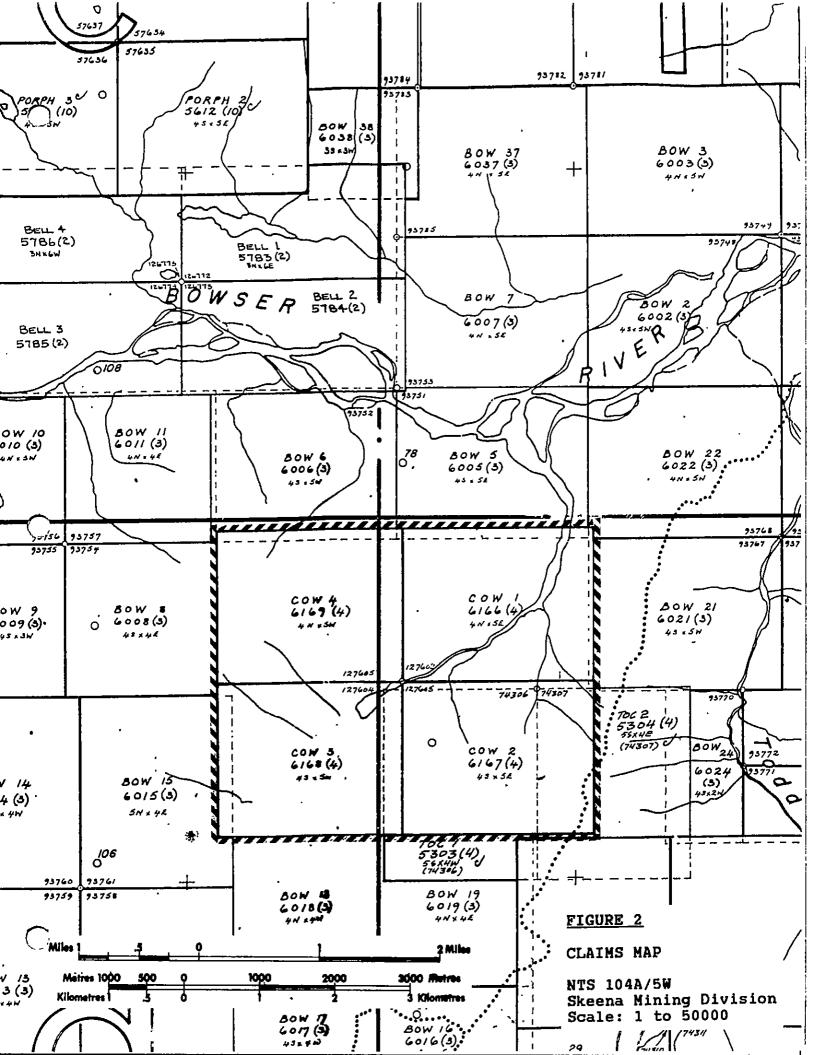
Climate is severe, particularly at higher elevations. Heavy snowfalls in winter and rain in the short summer working season are typical of the Stewart area.

### B. Status of Property

Relevant claim information is summarized below:

| Name  | Record No. | No. of Units | Anniversary Date |
|-------|------------|--------------|------------------|
| Cow 1 | 6166(4)    | 20           | April 28, 1987   |
| Cow 2 | 6167(4)    | 20           | April 28, 1987   |
| Cow 3 | 6168(4)    | 20           | April 28, 1987   |
| Cow 4 | 6169(4)    | 20           | April 28, 1987   |

Claim locations are shown on Fig. 2 after government N.T.S. map 104A/5W. The claims are registered in the name of C. Pepperdine, who holds on trust for Teuton Resources Corp. of Vancouver, British Columbia.



### C. History

A review of conventional references such as the Annual Minister of Mines Reports, Geological Bulletins, or Assessment Reports (Index and Maps), etc., has failed to turn up any mention of previous work on the claims area. However, discovery of the remains of an exploration camp and old claim tags during the 1987 work program suggests that the claims were prospected sometime in the 1960's. This 1960's work was probably aimed at location of porphyry copper mineralization.

Recent area discoveries such as the Brucejack Lake gold and silver zones (20 km to the northwest) have stimulated renewed exploration efforts. Southeast of the property, at the head of Todd Creek, Noranda Minerals (funded by Golden Nevada) is presently drilling a copper-gold occurrence. The ground between this latter prospect and the Brucejack Lake holdings is now completely staked in a belt several kilometers wide.

#### D. References

- 1. GROVE, E.W. (1971): Bulletin 58, Geology and Mineral Deposits of the Stewart Area. B.C.M.E.M.P.R.
- GROVE, E.W. (1982): Unuk River, Salmon River, Anyox Map Areas. Ministry of Energy, Mines and Petroleum Resources, B.C.
- 3. GROVE, E.W. (1987): Geology and Mineral Deposits of the Unuk River-Salmon River-Anyox Area, Bulletin 63, BCMEMPR
- 4. ALLDRICK, D.J.(1984); Geological Setting of the Precious Metals Deposits in the Stewart Area, Paper 84-1, Geological Fieldwork 1983", B.C.M.E.M.P.R.
- 5. ALLDRICK, D.J.(1985); "Stratigraphy and Petrology of the Stewart Mining Camp (104B/1E)", p. 316, Paper 85-1, Geological Fieldwork 1984, B.C.M.E.M.P.R.

### E. Summary of Work Done.

The silt and rock geochemical survey conducted over the claims area was undertaken partly by contractor E.R. Kruchkowski Consultants of Calgary, Alberta (supervised E. Kruchkowski) and partly by Amphora Resources (supervised by W.D. Groves, P. Eng.)

The Amphora portion of the work proceeded from Sept. 1 to Sept. 5, 1987, consisting of rock geochemical/character sampling (27 samples) collected along 5 separate traverses. The Amphora crew consisted of two men: geologist W.D. Groves, P. Eng., and

his assistant, Dale Sloan.

The Kruchkowski Consultants portion of the work proceeded from Oct. 24 to Oct. 25, 1987, consisting mostly of detailed stream sediment sampling (55 samples) with some minor rock geochemical/float sampling (7 samples). This crew consisted of four men. Crew was flown by helicopter in and out daily from the Catear Resources camp on the Gold Wedge Fraction (about 1 km north of Brucejack Lake).

Both the stream sediment and rock geochemical samples were analysed for gold by standard AA techniques, as well as for 30 elements by I.C.P. (Inductively Coupled Argon Plasma).

### 2. TECHNICAL DATA AND INTERPRETATION

### A. Regional Geology

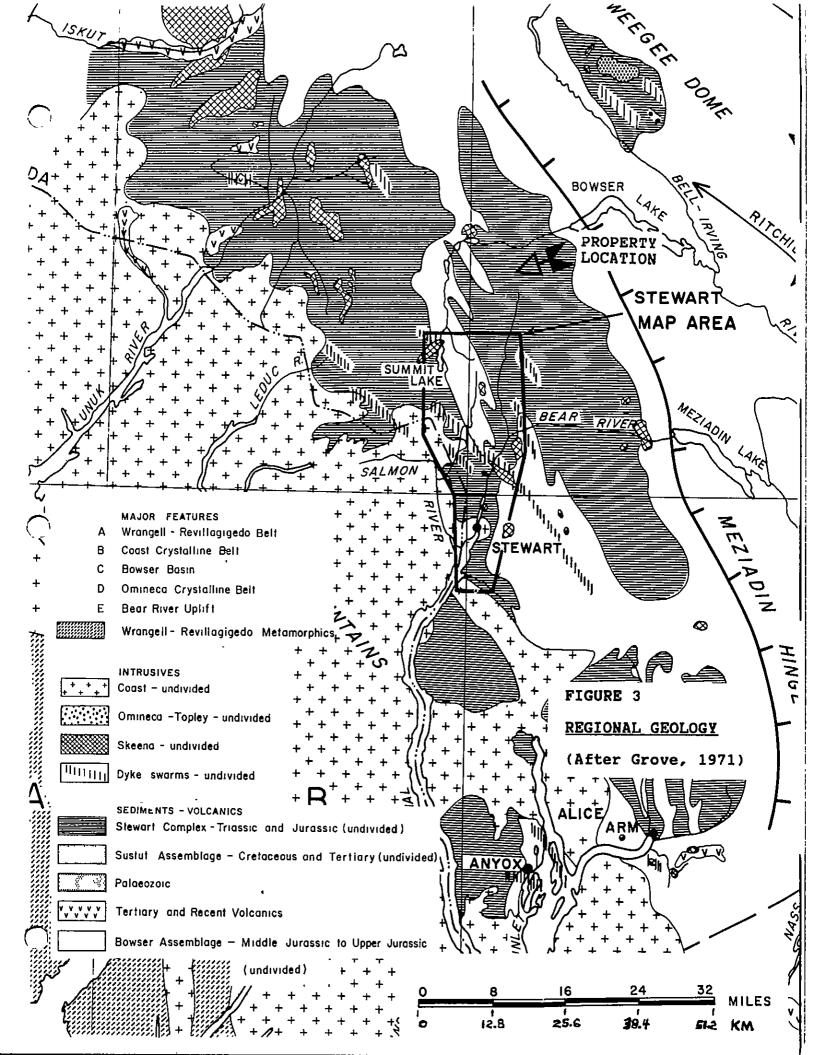
The property lies within a broad, north-northwest trending belt of Triassic and Jurassic volcanic and sedimentary rocks termed by Grove (1971) as the "Stewart Complex". This belt is bounded to the west by the Coast Crystalline Belt (mainly granodiorites) and to the east by a thick series of sedimentary rocks known as the Bowser Assemblage (Middle Jurassic to Upper Jurassic age).

Property location relative to  $\mbox{regional geology}$  is shown on Fig. 3.

### B. Property Geology

As mapped by Grove (Ref. 2), the property is underlain by green, red, purple and black volcanic breccia, conglomerate, sandstone and siltstone of the Lower Jurassic Unuk River Formation. This unit is to the west unconformably overlain by, or in fault contact with, green, red, purple and black volcanic breccia, conglomerate, sandstone and siltstone of the Middle Jurassic Betty Creek Formation.

Geologist W.D. Groves, P.Eng., has described the country rock as "green, massive to fissile volcanics, mainly blocky flows". Minor geological observations made during Groves' five days of traversing the Cow 2, 3 and 4 claims have been annotated on Fig. 7 — Sample Location and Traverse Map. These observations include location of two leuco-granite stocks, both outcropping in the southern half of the Cow 3 claim. Groves also noted a rusty carbonatite near the border of the Cow 2 and 3 claims and a zone of quartz veining near the northwestern edge of Haimila Glacier. During a traverse south of the boundary of the Cow 3 claim, Groves located a zone of leuco-syenite and carbonatite



dykes.

### C. Geochemistry - Stream Sediment Samples

### a. Introduction

Reconnaissance stream sediment surveys were carried out over the Cow 1, 2 and 3 claims. Sampling was confined, for the most part, to the streams draining the Haimila Glacier and the unnamed glacier to the east (these streams join together near the eastern boundary of the Cow 1 claim).

Altogether 55 silt samples were collected. Sample locations are marked as circles on Fig. 4 (Map Pocket). Geochemical sample sites were plotted on a base map prepared on a scale of 1:10000. Locations were fixed according to field altimeter readings and reference to airphotos. Gold (ppb) and silver (ppm) values are shown on Fig. 5; copper (ppm), lead (ppm) and zinc (ppm) are shown on Fig. 6.

#### b. Treatment of data

The sample set is considered too small to apply standard statistical methods for determining threshold and anomalous levels. Instead, the author has adopted an empirical approach based on reference to several other silt geochemical surveys conducted in the region in the last five years (results of the 1978 B.C. government silt geochemical survey over the large region mostly south and east of Stewart, and underlain by similar geology to that in the study area, have also been referred to). By this somewhat "rule-of-thumb" basis, samples are considered anomalous above the values indicated below:

| <u>Element</u> | Anomalous Above |
|----------------|-----------------|
| Gold           | 50 ppb          |
| Silver         | 1.8 ppm*        |
| Copper         | 100 ppm         |
| Lead           | 80 ppm          |
| Zinc           | mag 008         |

\*Generally, 1.2 ppm or better would be consider anomalous for silver. However, because of the large number of high silver values obtain during the silt sampling survey, it was decided to raise the anomalous level to 1.8 ppm.

Although several other elements were analysed for by I.C.P., assay results indicated relatively flat, uninteristing distribution and low values.

#### c. Discussion

Samples showing anomalous values in any of the elements listed in the previous section are tabulated below (anomalous values have been underlined):

| Sample #  | Gold<br>(ppb)                                      | Silver<br>(ppm)                                      | Copper (ppm)   | Lead<br>(ppm)  | Zinc<br>(ppm)   |
|---|--|--|--|--|---|
| DB-13<br>DB-14<br>DB-15<br>DB-16<br>DB-17<br>DB-18<br>DB-19<br>DB-20<br>DB-21 | 1<br>23<br>9<br>38<br>32<br>11<br>17<br>250<br>560 | 1.9<br>0.8<br>2.2<br>0.7<br>0.7<br>0.7<br>0.3<br>0.7 | 58<br>128<br>81<br>104<br>109<br>125<br>104<br>92<br>111 | 90<br>131<br>52<br>53<br>67<br>106<br>55<br>86<br>73   | 199<br>316<br>159<br>188<br>173<br>228<br>176<br>195<br>180 |
| FL-1<br>FL-6<br>FL-10<br>FL-12<br>FL-13<br>FL-15<br>FL-17<br>FL-19            | 66<br>51<br>450<br>57<br>82<br>2<br>15             | 1.2<br>1.5<br>2.0<br>2.9<br>2.4<br>3.6<br>3.7<br>2.4 | 56<br>40<br>44<br>81<br>71<br>36<br>51<br>46             | 53<br>44<br>79<br><u>122</u><br><u>144</u><br>67<br>74 | 155<br>151<br>191<br>182<br>237<br>226<br>188<br>216        |
| GS-3<br>GS-4<br>GS-5<br>GS-7<br>GS-8<br>GS-9<br>GS-10<br>GS-11                | 42<br>980<br>1570<br>19<br>300<br>21<br>17<br>110  | 0.4<br>7.4<br>0.6<br>0.7<br>0.6<br>0.9<br>0.6        | 109<br>125<br>117<br>111<br>102<br>132<br>109<br>104     | 50<br>306<br>102<br>93<br>66<br>192<br>104<br>71       | 146<br>280<br>194<br>214<br>145<br>256<br>239<br>164        |

The anomalies tabulated above are discussed below in order of decreasing importance.

Sample GS-4 can be considered the most anomalous of the set, registering anomalies in gold, silver, copper and lead. The silver value of 7.4 ppm and the lead value of 306 ppm represent maximums for these elements; the gold value of 980 ppb and the copper value of 125 ppm represent second highest and third highest values, respectively, for these elements. Sample notes taken at the collection point indicate a nearby outcrop of red and green volcanic tuff.

The much lower values obtained upstream at sample GS-3 suggest that the source for the GS-4 anomaly is upslope from the the GS-4 sample site. The anomalous values obtained from sample

GS-5 draining south into the main stream just below GS-4 indicates that such source is probably on the northern slope. Less anomalous values obtained in samples GS-7, 8, 9, 10, 11 are probably due to downstream contamination from such source, although this is not a certainty. Similarly, samples DB-21 to DB-16 (continuing in that order downstream from GS-11), appear to be an extension of such contamination as evidenced by the similarity in copper values and the occasional gold and lead highs.

Samples DB-15, DB-14 and DB-13 appear to indicate a separate source, signalled by a resurgence in silver highs (1.9 ppm and 2.2 ppm) accompanied by base metal anomalies. Gold values are low, suggesting a different type of mineralization than indicated upstream in the GS series.

Samples taken from the stream draining the glacier east of Haimila Glacier show weak gold anomalies upstream near the toe: samples FL-1 and FL-6 registered 66 and 51 ppb gold, respectively, with no accompanying silver or base metal anomalies.

Further downstream, starting at sample FL-10, stronger precious metal values were obtained. Samples FL-10, FL-12 and FL-13 all registered anomalous gold values (450, 57, 82 ppb) and anomalous silver values (2.0, 2.9 and 2.4 ppm). The latter two also showed anomalous lead values, suggesting vein type mineralization containing galena as a likely source. [Note: Auriferous and argentiferous quartz sulfide (galena) veins are known to occur on the "Moonlight" property, approximately 8 km to the southeast].

Although downstream samples FL-15, FL-17 and FL-19 contain higher silver values, the attenuation in gold and lead values suggest that these samples derive from downstream contamination.

### D. Geochemistry - Rock Samples

#### a. Introduction

Twenty-seven float and character rock geochem samples were collected by geologist W. D. Groves, P.Eng., during five days of traversing over the Cow 2, 3 and 4 claims. Sample locations and values (gold, silver, copper, lead and zinc) are presented in this report on Fig. 7 drawn at a scale of 1:5000. Sample sites were plotted on a base map prepared from a government topographic map. Sample locations were fixed according to field altimeter readings and by reference to air photos.

An additional 7 rock geochem samples were taken by the silt sampling crew (Kruchkowski Consultants). Locations are marked

with a "X" on Fig. 4. Gold and silver values for these samples are noted on Fig. 5; copper, lead, and zinc values on Fig. 6.

### b. Treatment of Data

The 34 rock geochem samples collected during the 1987 work program comprise too small a set to utilize standard statistical methods for determining threshold and anomalous levels. In lieu of such treatment, the author has simply chosen to multiply anomalous levels as used for the stream sediment samples by a factor of two:

| <u>Element</u> | Anomalous Above |
|----------------|-----------------|
| Gold           | 100 ppb         |
| Silver         | 3.6 ppm         |
| Copper         | 200 ppm         |
| Lead           | 160 ppm         |
| Zinc           | 600 ppm         |

### c. Discussion

On the basis indicated above, the following samples have been classed as anomalous, or, in other words, worthy of further follow-up (anomalous values are underlined):

| Sample # | Gold<br>(ppb) | Silver (ppm) | Copper (ppm)       | Lead<br>(ppm)      | Zinc<br>(ppm) |
|----------|---------------|--------------|--------------------|--------------------|---------------|
| JNR-GS-1 | 15            | <u>5.8</u>   | 196                | 83                 | 89            |
| JNR-GS-2 | <u>210</u>    | 30.7         | <u> 285</u>        | <u>429</u>         | 59            |
| 6651     | 10            | 1.3          | 649                | 62                 | 126           |
| 6654     | 10            | 1.0          | 473                | 17                 | 74            |
| 6665     | 19            | 1.9          | 295                | 334                | 227           |
| 6666     | 64            | <u> 18.2</u> | $10\overline{361}$ | $21\overline{047}$ | 21027         |
| 6667     | <u>27930</u>  | 21.6         | 25998              | 38                 | 136           |
| 6668     | <u>147</u>    | 2.6          | 336                | <u>414</u>         | <u>716</u>    |
| 6669     | <u>140</u>    | <u>20.1</u>  | 1913               | 62                 | 86            |
| 6675     | 52            | 3.3          | <u>1761</u>        | 22                 | 126           |

Sample notes for each of the above are reproduced below:

JNR-GS-1 - 3cm wide seam in volcanic tuffs containing minor chalcopyrite.

6651 - Select sample from brown, rusty gravel fan, minor sulphides

6654 - same as above

- 6665 Top of rusty, glacially polished knob. Carbonatite margin grading into blocky, green andesite.
- 6666 From rock pile in old exploration camp. Float containing quartz veinlets in volcanics. Chalcopyrite, pyrite.
- 6667 Float cobble in terrace. Quartz veinlets in volcanics containing chalcopyrite. [Gold 27,930 ppb]
- 6668 Chip sample from iron carbonate vein.
- 6669 Talus along 150 m long bench. Chip and grab sample of sulphide-containing float.
- 6675 Purplish carbonate float, sideritic.

### E. Field Procedure and Laboratory Technique

Silt samples were taken in the field by sieving fine stream sediments through a -40mesh nylon screen till approximately 300 to 500 grams of material was collected. This was rinsed from a plastic collecting basin into a standard Kraft Bag. The bags were then marked, allowed to dry, and shipped by bus to Vancouver for analysis at the Acme Analytical Laboratories facility on 852 East Hastings Street.

After standard sample preparation, a .500 gram subsample was digested with 3ml of 3-1-2 HCl-HNO3-H20 at 95 degrees Centigrade for one hour, then diluted to 10 ml with water. The resulting solution was tested by Inductively Coupled Argon Plasma to yield quantatitive results for 30 elements. Gold was analysed by standard atomic absorption methods from a 10 gram subsample.

Rock geochem and character samples were analysed in the same manner as described above.

### F. Conclusions

The 1987 assessment work program over the Cow claims has outlined a number of intriguing anomalies. Of most interest at present is the area in the immediate vicinity of the legal corner post. Strong precious and base metal highs in stream sediments taken from this area, coupled with the presence of anomalous to highly anomalous (gold) float samples, suggest the presence of a proximate mineralized structure(s).

Results of the 1987 program invite comparison to the geological situation at the Todd Creek copper-gold prospect located 12 km to the southeast. At Todd Creek, gold-bearing quartz stockwork zones are associated with porphyry copper mineralization. On the Cow claims, traverses carried out in 1987

identified at least two stocks outcropping in the volcanics. Although it was not established whether these stocks hosted copper mineralization, the ubiquitious copper values obtained in the stream and rock geochemical sampling program indicate good potential for stock-related copper mineralization on the property. Further potential for gold-copper mineralization is indicated by the auriferous quartz-stringer float found during the 1987 surveys. Of note in this regard is the strong copper-gold association established by both stream and rock geochemical samples.

All anomalies detected during the 1987 program should be followed up by prospecting and detailed stream (side-creeks) geochemistry. Promising zones should be trenched and mapped.

Respectfully submitted:

D. Cremonese, P.Eng.

July 25, 1988

# APPENDIX I -- WORK COST STATEMENT

| Field Personnel: Contractor Amphora Resources  |             |                         |
|--|-------------|-------------------------|
| W.D. Groves, Ph.D., P.Eng., Geologist<br>Sept. 1, 2, 3, 4, 5: 5 days @ \$400/day   | \$          | 2,000                   |
| Dale Sloan, Assistant<br>Sept. 1, 2, 3, 4, 5: 5 days @ \$150/day   | \$          | 750                     |
| Field Personnel: (Man-Days as billed by Kruchkowski<br>Consultants, Calgary Alberta)<br>B. Buchanan, Geologist Oct. 24   |             |                         |
| 1 day @ \$200/day D. Blank, Assistant Oct. 24, 25  | \$          | 200                     |
| 2 days @ \$165/day   |             | 330                     |
| F. Longpre, Assistant Oct. 24, 25<br>2 days @ \$165/day  |             | 330                     |
| G. Sinden, Geol. Tech Oct. 24, 25<br>2 days @ \$165/day  |             | 330                     |
| Helicopter Vancouver Island Hel. (Stewart Base) Mob/demob, crew drop-offs/pick-ups 2.6 hrs. @ \$571.50   |             | 1486                    |
|  |             |                         |
| Food 17 man-days @ \$25/man-day  |             | 425                     |
| Personnel: mob/demob (home base to Stewart, return)  |             | 850                     |
| Field Supplies, etc.   |             | 120                     |
| Sample transport: Stewart-Vancouver  |             | 40                      |
| Assays Acme Analytical<br>Geochem Au, I.C.P. and silt sample preparation<br>55 @ \$11  |             | 605                     |
| Geochem Au, I.C.P. and rock sample preparation<br>34 @ \$13.25/sample  |             | 450                     |
| Report Costs   |             |                         |
| Report and map preparation, compilation and research D. Cremonese, P.Eng., 2.5 days @ \$300/day Computer draughting RPM Word Processor - 4 hrs. @ \$25/hr. Copies, report, jackets, maps, etc. | h<br>·      | 750<br>350<br>100<br>70 |
| . TOTAL  | . <u>\$</u> | 9,186                   |

### APPENDIX II - CERTIFICATE

- I, Dino M. Cremonese, do hereby certify that:
- I am a mineral property consultant with an office at Suite 200-675 W. Hastings, Vancouver, B.C.
- 2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).
- 3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.
- 4. I have practiced my profession since 1979.
- 5. This report is based upon work carried out on the Cow 1-4 mineral claims, Skeena Mining Division in September and October, 1987. Reference to field notes and maps made by geologist W.D. Groves, Ph.D., P.Eng. and geol. technologist G. Sinden is acknowledged. I have full confidence in the abilities of all samplers used in the 1987 geochemical program and am satisfied that all samples were taken properly and with care.
- 6. I am a principal of Teuton Resources Corp., beneficial owner of the Cow 1-4 claims: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 25th day of July, 1988.

D. Cremonese, P.Eng.

APPENDIX III

ASSAY CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

### GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DISESTED WITH 3ML 3-1-2 HCL-HM03-H20 AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MM FE CA P LA CR MG BA TI D W AND LIMITED FOR MA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: PI-ROCK P2-3 SDIL/SILT AUS ANALYSIS BY AA FROM 10 GRAM SAMPLE.

| DATE RE     | CEIV      | ED:       | MOV       | 16 17     | <b>9</b> 7 | DAT       | re f      | EPO       | RT M    | AILE      | D:       | Nbu       | 1 23      | r/8       | 7         | ASS       | SAYE      | R. 🗸     |         | Beje | <b>/</b> D | EAN       | TOY     | Έ, 0      | ERT     | IFIE     | D B     | . C.    | ASS  | AYER     | ₹          |
|-------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|------|------------|-----------|---------|-----------|---------|----------|---------|---------|------|----------|------------|
|             |           |           |           |           |            | TE        | OTU:      | N R       | sou     | RCES      | PR       | OJEC      | T-J       | AN (      | CLAI      | MS        | Fi        | le i     | # 87    | -565 | 58         | P         | age     | 1         |         |          |         |         |      |          |            |
| SAMPLE      | HO<br>PPM | CU<br>PPM | PB<br>PPN | ZN<br>PPM | AG<br>PPN  | NI<br>PPN | CO<br>PPM | HN<br>PPH | FE<br>I | AS<br>PPH | U<br>PPM | AU<br>PPM | TH<br>PPM | SR<br>PPH | CD<br>PPM | SD<br>PPH | BI<br>PPH | V<br>PPM | CA<br>I | ř    | LA<br>PPM  | CR<br>PPH | ME<br>I | BA<br>PPM | TI<br>Z | B<br>PPH | AL<br>I | na<br>I | K    | W<br>PPH | AU#<br>PPB |
| JN-00-1     | 1         | 24        | 4         | 107       | .3         | 17        | 18        | 1513      | 4.61    | 14        | 5        | Ю         | 4         | 29        | 1         | 2         | 2         | 91       | .82     | .150 | 18         | 25        | 2.17    | 51        | .17     | 2        | 1.07    | .05     | .05  | 1        | 1          |
| JN-9B-2     | 1         | 17        | 4         | 70        | . 2        | 19        | 18        | 2133      | 4.72    | 5         | 5        | XD        | 2         | 193       | 1         | 2         | 2         | 108      | 4.17    | .157 | 16         | 31        | 2.81    | 145       | .27     | 3        | 2.54    | .07     | .06  | 1        | 1          |
| JH-88-3     | ī         | 45        | 4         | 109       | .3         | 1         | 16        | 786       | 5.22    | 4         | 5        | ND        | 3         | 47        | i         | 2         | 2         | 42       | 2.14    | .339 | 24         | 4         | 1.17    | 80        | .15     | 2        | 1.44    | -03     | . 14 | 1        | 1          |
| JN-88~4     | ī         |           | À         | 77        | .7         | 1         | 10        | 1722      |         | 3         | 5        | MD        | 2         | 94        | 1         | 2         | 2         | 59       | 6.20    | .248 | 21         | 2         | 1.14    | 79        | .16     | 2        | 1.26    | .06     | .07  | 1        | 1          |
| JN-88-5     | 1         | 19        | 4         | 65        | .3         | 3         | 10        | 917       | 2.81    | 5         | 5        | ND        | 2         | 298       | I         | 2         | 2         | 72       | 5.21    | .236 | 17         | 4         | 1.22    | 56        | .21     | 3        | 1.69    | .05     | .05  | 1        | 1          |
| JNR-ES-1    | 17        | 196       | 83        | 17        | 5.8        | 8         | 34        | 1411      | 10.05   | 917       | 5        | ЖD        | 3         | 40        | 1         | 2         | 2         | 68       | 5.39    | .047 | •          | 1         | 1.04    | 14        | .01     | 2        | 1.61    | .02     | . 15 | 3        | 15         |
| JNR-ES-2    | 8         | 285       | 427       | 59        | 30.7       | 3         | 4         | 137       | 2.05    | 52        | 5        | ND        | 1         | 33        | 1         | 102       | 2         | 1        | .39     | .016 | 2          | 1         | .02     | 34        | .01     | 4        | .12     | .01     | .07  | 1        | 210        |
| CTS C/AIL-D | 10        | 2.5       | 78        | 177       | 7.4        | 70        | 20        | 1024      | 4 00    | ΙŤ        | 19       | 9         | 40        | 47        | 12        | 41        | 17        | 59       | . 48    | .024 | 39         | 61        | .86     | 180       | .06     | 32       | 1.73    | .06     | .14  | 11       | 515        |

| SAMPLE             | MO<br>PPH | CU<br>PPH | PB<br>PPM | ZN<br>PPM | AG<br>PPM | NI<br>PPH         | CO<br>PPM | MN<br>PPM | FE<br>Z | AS<br>PPM | U<br>PPH   | AU<br>PPH | TH<br>PPM | SR<br>PPN   | CD<br>PPM | SD<br>PPH | DI<br>PPH | V<br>PPH   | CA   | ,<br>1 | LA<br>PPM | CR<br>PPH | MG<br>I | BA<br>PPM | TI<br>I | 3<br>PPM | AL<br>I | NA<br>Z | K    | PPN | AU#<br>PPB |
|--------------------|-----------|-----------|-----------|-----------|-----------|-------------------|-----------|-----------|---------|-----------|------------|-----------|-----------|-------------|-----------|-----------|-----------|------------|------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|------|-----|------------|
| 283-P158           |           | 44        | 26        | 182       | 3         | <del>- 21</del> - | 12-       |           | 4.41    | 14-       | <u>-</u> - | N3 -      |           | <del></del> |           |           |           | -4         | - 80 | -115   | 19        | -11       | .74     | 212       | 01.     |          | 1.29    | _01_    | 10   |     | 1          |
| JNS-D9-1           | 1         | 37        | 54        | 157       | 1.0       | 3                 | 11        | 767       | 3.75    | 13        | 5          | ND        | 2         | 80          | 1         | 2         | 2         | 51         | 3.01 | .071   | 14        | 5         | .78     | 241       | .09     | 3        | 1.10    | 10.     | .11  | 1   | 1          |
| JNS-DB-2           | 1         | 33        | 27        | 127       | .8        | 2                 | 9         | 976       | 3.05    | 14        | 5          | ND        | 2         | 88          | i         | 2         | 2         | 37         | 3.50 | .061   | 14        | 4         | .48     | 323       | .06     | 5        | .98     | .01     | -11  | 1   | 1          |
| JNS-DB-3           | 1         | 39        | 35        | 142       | . 9       | i                 | 10        | 962       | 3.61    | 11        | 5          | ND        | 1         | 86          | 1         | 2         | 2         | 48         | 3.34 | .068   | 14        | 4         | .72     | 231       | .07     | 4        | 1.02    | .01     | .11  | 1   | 1          |
| JNS-DB-4           | 1         | 29        | 44        | 144       | 1.1       | 2                 | 9         | 930       | 3.28    | 0         | 5          | ND        | 2         | 83          | 1         | 2         | 2         | 43         | 3.30 | -045   | 14        | 4         | .44     | 299       | .04     | 4        | .95     | .01     | .12  | 1   | 1          |
| JNS-08-5           | 1         | 39        | 31        | 154       | .7        | 2                 | 10        | 948       | 3.26    | •         | 5          | MD        | 1         | 85          | i         | 2         | 2         | 43         | 3.31 | .063   | 14        | 3         | .70     | 312       | .04     | 4        | 1.00    | .01     | .1i  | 1   | 4          |
| JNS-DB-6           | 1         | 45        | 64        | 168       | 1.1       | 2                 | 10        | 711       | 3.89    | 14        | 5          | ND        | 1         | 79          | i         | 2         | Z         | 52         | 3.04 | .073   | 14        | 4         | -67     | 217       | .07     | 4        | .96     | .01     | -11  | ı   | 1          |
| JNS-DD-7           | 1         | 39        | 49        | 137       | 1.2       | 2                 | 9         | 736       | 3.47    | •         | 5          | ND        | 2         | 85          | 1         | 2         | 2         | 44         | 3.30 | .067   | 14        | 4         | . 44    | 248       | .07     | 3        | .95     | .02     | .12  | 1   | 1          |
| JNS-DB-8           | 1         | 12        | 31        | 136       | 1.0       | 3                 | 10        | 959       | 3.44    | 10        | 5          | ALD.      | 2         | 84          | 1         | 2         | 2         | 46         | 3.33 | .045   | 15        | 4         | .71     | 275       | .07     | 3        | 1.03    | 10.     | . 13 | 1   | 1          |
| JKS-DD-?           | 1         | 42        | 28        | 139       | i.1       | 2                 | 7         | •03       | 3.34    | 11        | 5          | ND        | 1         | 81          | 1         | 2         | 2         | 45         | 3.13 | .064   | 14        | 4         | .45     | 293       | .07     | 5        | .94     | .01     | -11  | 1   | 1          |
| JNS-0 <b>3</b> -10 | i         | 30        | 33        | 127       | 1.0       | 3                 | 7         | 754       | 3.14    | 11        | 5          | ND)       | 2         | 85          | 1         | 3         | 2         | 40         | 3.33 | .043   | 14        | 4         | .48     | 309       | .06     | 2        | .77     | .01     | -11  | 1   | 4          |
| JNS-08-11          | 1         | 44        | 35        | 141       | .9        | 2                 | 10        | 944       | 3.5B    | 8         | 5          | KD        | 2         | 24          | I         | 2         | 2         | 47         | 3.22 | .044   | 14        | 4         | .73     | 240       | .04     | 4        | 1.00    | .01     | .11  | 1   | 1          |
| JNS-09-12          | 1         | 47        | 38        | 151       | 1.7       | 2                 | 7         | 740       | 3.43    | 9         | 5          | ND        | 1         | 82          | 1         | 2         | 2         | 45         | 3.30 | .043   | 14        | 4         | .60     | 254       | .06     | 6        | . 77    | .01     | .11  | 1   | 4          |
| JNS-DD-13          | 1         | 58        | 70        | 199       | 1.9       | 3                 | 12        | 944       | 4.77    | 18        | 5          | KØ        | 2         | 26          | 2         | 2         | 2         | 62         | 3.17 | .078   | 14        | 5         | .6B     | 126       | .07     | 2        | . 76    | .01     | .11  | 1   | 1          |
| JNS-09-14          | 1         | 128       | 131       | 316       | .5        | 1                 | 30        | 1144      | 1.16    | 18        | 5          | ND        | 2         | 44          | 3         | 2         | 2         | 58         | 1.39 | .093   | 7         | 5         | .98     | 20        | .11     | 2        | 1.22    | .01     | .01  | 2   | 23         |
| JNS-08-15          | 1         | Bi        | 52        | 159       | 2.2       | 6                 | 20        | 1084      | 5.62    | 10        | 5          | Ю         | 2         | 41          | 1         | 2         | 3         | 52         | 2.0  | .086   | 11        | 5         | .71     | 54        | .10     | 2        | 1.20    | .01     | .09  | 1   | 9          |
| JNS-DB-16          | 1         | 104       | 53        | 158       | .7        | 6                 | 26        | 1175      | 6.62    | 15        | 5          | ND        | 2         | 56          | 2         | 2         | 3         | 41         | 1.85 | . 105  | 11        | ė.        | 1.01    | 22        | .13     | 3        | 1.27    | .01     | .07  | 4   | 38         |
| JNS-DB-17          | 1         | 107       | 67        | 173       | .7        | 7                 | 24        | 1013      | 4.78    | 13        | 5          | MD        | 2         | 46          | 2         | 2         | 2         | <b>£</b> 3 | 1.15 | .111   | 11        | 5         | 1.00    | 28        | .12     | 5        | 1.26    | .01     | .07  | 2   | 32         |
| JNS-DB-19          | 1         | 125       | 104       | 22        | .7        | •                 | 28        | 1074      | 6.91    | 14        | 5          | ND        | 2         | 31          | 2         | 2         | 3         | 66         | .73  | .101   | 10        | 4         | 1.14    | 41        | .13     | 2        | 1.37    | .01     | -04  | 2   | 11         |
| JNS-DB-19          | 1         | 104       | 55        | 176       | .3        | ě                 | 23        | 1075      | 6.05    | 12        | 5          | ND        | 2         | 48          | 1         | 2         | 2         | 55         | 1.59 | .099   | 10        | 5         | ,94     | 34        | .11     | 2        | 1.20    | .01     | .04  | 2   | 17         |
| JNS-DB-20          | 1         | 72        | 14        | 195       | .7        | 7                 | 24        | 1074      | 4.29    | 13        | 5          | ND        | 1         | 47          | 2         | 2         | 2         | 57         | 1.57 | .094   | 10        | 5         | .77     | 47        | .11     | 2        | 1.22    | .01     | .06  | 1   | 250        |
| JHS-DB-21          | 1         | 111       | 73        | 120       | .7        | 7                 | 24        | 1131      | 7.05    | 19        | 5          | MD        | 2         | 48          | 2         | 2         | 2         | 40         | 1.13 | .106   | 11        | 5         | . 78    | 29        | .12     | 2        | 1.24    | .01     | -07  | 2   | 560        |
| JAN-FL-1           | ı         | 56        | 53        | 155       | 1.2       | 3                 | 12        | 171       | 4.21    | 17        | 3          | ND        | 2         | 71          | i         | 2         | 2         | 54         | 3.37 | .071   | 14        | 5         | .70     | 144       | .06     | 2        | •97     | .01     | -11  | ī   | 66         |
| JAN-FL-2           | 1         | 42        | 36        | 142       | 1.0       | 2                 | 10        | 733       | 3.18    | 7         | 5          | MD        | 2         | 92          | 1         | 2         | 2         | 40         | 3.28 | .044   | 15        | 3         | .66     | 307       | .04     | 2        | .99     | .01     | . 13 | 1   | 1          |
| Jan-FL-3           | 1         | 44        | 37        | 136       | .8        | 2                 | 10        | 863       | 3.42    | 12        | 5          | ND        | 2         | 94          | ī         | 2         | 2         | 45         | 2.93 | .049   | 16        | 4         | .47     | 355       | .07     | 4        | 1.07    | .02     | - 16 | 1   | ı          |
| JAN-FL-4           | 1         | 49        | 46        | 164       | 1.2       | 2                 | 10        | 928       | 4.00    | 15        | 5          | KD        | 2         | <b>52</b>   | 1         | 2         | 2         | 53         | 3.14 | .071   | 15        | 4         | .61     | 187       | .04     | 3        | . 74    | .01     | .13  | 1   | 18         |
| JAN-FL-5           | 1         | 41        | 45        | 136       | 1.2       | 2                 | 11        | 1077      | 3.55    | 12        | 5          | ND        | 2         | 104         | 1         | 2         | 2         | 45         | 3.90 | .077   | 16        | 3         | .70     | 223       | .06     | 2        | 1.05    | .01     | .14  | 1   | 11         |
| JAN-FL-6           | 1         | 40        | 44        | 151       | 1.5       | 3                 | 10        | 715       | 3.58    | 15        | 5          | KD        | 1         | 88          | 1         | 2         | 2         | 45         | 3.14 | -066   | 14        | 4         | . 59    | 249       | .06     | 3        | .93     | .02     | .13  | 1   | 51         |
| JAN-FL-7           | 1         | 58        | 72        | 171       | 1.5       | 2                 | 10        | \$79      | 3.98    | 17        | 5          | ND        | 2         | 68          | 1         | 2         | 2         | 54         | 2.74 | .070   | 15        | 4         | .67     | 232       | .07     | 4        | 90      | .02     | .13  | 1   | 8          |
| JAN-FL-8           | 1         | 40        | 48        | 145       | 1.7       | 3                 | 7         | 837       | 3.49    | 14        | 5          | <b>M</b>  | 2         | <b>2</b> 0  | 1         | 5         | 2         | 45         | 2.81 | .063   | 13        | 4         | .58     | 240       | .05     | 5        | .87     | .01     | .13  | 1   | 1          |
| JAN-FL-9           | 1         | 35        | 31        | 127       | 1.3       | 2                 | 10        | 1021      | 3.26    | 7         | 5          | MD        | 1         | 74          | 1         | 2         | 2         | 41         | 3.58 | .060   | 14        | 4         | .72     | 254       | .05     | 2        | 1.01    | .01     | -12  | 1   | 1          |
| JAN-FL-10          | 1         | 44        | 79        | 191       | 2.0       | 3                 | 10        | 714       | 3.91    | 15        | 5          | KD        | 2         | 18          | 2         | 2         | 2         | 52         | 3.12 | .070   | 14        | 4         | .57     | 242       | .04     | 3        | .87     | .01     | .13  | 1   | 450        |
| JAN-FL-11          | 1         | 46        | 40        | 140       | .9        | 3                 | 10        | 884       | 3.48    | 11        | 5          | ND        | 2         | 87          | 1         | 2         | 2         | 45         | 3.00 | .064   | 14        | 3         | .67     | 220       | .04     | 2        | . 77    | .01     | .14  | 1   | 2          |
| JAN-FL-12          | 1         | 81        | 122       | 182       | 2.9       | 3                 | 12        | 861       | 4.72    | 22        | 5          | MD        | 3         | 87          | 2         | 2         | 2         | 44         | 2.51 | .078   | 16        | 5         | .43     | 144       | .07     | 3        | .92     | .02     | . 15 | 1   | 57         |
| JAN-FL-13          | 2         | 71        | 144       | 237       | 2.4       | 3                 | 13        | 865       | 5.43    | 24        | 5          | סא        | 2         | 82          | 2         | 2         | 2         |            | 2.7  | .077   | 15        | 5         | .42     | 107       | .08     | •        | .93     | .02     | .12  | t   | 82         |
| JAN-FL-14          | 1         | 47        | 31        | 124       | 1.5       | 2                 | 10        | 134       | 3.48    | 7         | 5          | Ю         | 2         | 18          | 1         | 2         | 2         | 47         | 2.76 | .068   | 15        | 4         | . 67    | 307       | .07     | 5        | 1.04    | .02     | . 15 | i   | 1          |
| STD C/AU-S         | 20        | 62        | 37        | 132       | 7.4       | 6 <b>1</b>        |           | 1039      | 4.07    | 44        | 23         | 1         | 40        | 56          | 19        | 17        | 20        | 61         | .50  | .071   | 41        | 58        | .70     | 192       | .07     | 32       | 1.8     | .07     | .14  | 12  | 51         |

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| SAMPLES             | מא<br>אינין | CU<br>PPM | פק<br>אקק | ZN<br>PPM | AG<br>PPM | NI<br>PPM | CO<br>PPK | HIN<br>PPM | FE    | AS<br>PPH | U<br>PPN | AU<br>PPM | TH<br>PPH | SR<br>PPH | CD<br>PPM | SD<br>PPH | BI<br>PPM | V<br>Neq | CA<br>I | P    | LA<br>PPH | CR<br>PPH | H6<br>1 | DA<br>PPH | IT<br>I | PPM | AL<br>I | NA<br>1 | K   | ¥<br>Kqç | AUS<br>PPB |
|---------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|------|-----------|-----------|---------|-----------|---------|-----|---------|---------|-----|----------|------------|
| JAN-FL-15           | 1           | 34        | 47        | 226       | 3.6       | 3         | 8         | 895        | 3.88  | 15        | 5        | ND        | 2         | 78        | 2         | 2         | 2         | 51       | 2.97    | .063 | 13        | 5         | .54     | 224       | .04     | 2   | .75     | .01     | .10 | 1        | 2          |
| JAN-FL-16           | 1           | 35        | 40        | 138       | .8        | 2         | 9         | 755        | 3.43  | ı i       | 5        | 100       | 1         | 23        | 1         | 2         | 2         | 44       | 3.11    | .040 | 13        | 5         | .72     | 254       | .06     | 3   | .95     | .01     | .11 | i        | 16         |
| JAN-FL-17           | 1           | 51        | 74        | 185       | 3.7       | 2         | 11        | 875        | 4.75  | 19        | 5        | ND        | 2         | 85        | i         | 2         | 2         | 65       | 2.65    | .071 | 14        | 5         | .70     |           | .08     | 3   | . 97    | .01     | .12 | 1        | 15         |
| JAN-FL-18           | 1           | 32        | 44        | 148       | 1.1       | 2         | 7         | 763        | 3.13  | 6         | 5        | ΝĐ        | 2         | 85        | 1         | 2         | 2         | 39       | 3.31    | .062 | 14        | 4         | .59     | 337       | .05     | 2   | .87     | .01     | .12 | 1        | i          |
| JAN-FL-17           | 1           | 46        | 76        | 214       | 2.4       | 4         | 11        | 766        | 4.40  | 13        | 5        | ND        | 3         | 76        | 1         | 2         | 2         | 5        | 2.96    | .072 | 14        | •         | -67     | 228       | .07     | 2   | .93     | .01     | .11 | 1        | 1          |
| JAN-FL-20           | 1           | 35        | 37        | 143       | 1.0       | 1         | 8         | 957        | 2.91  |           | 5        | ND        | 2         | 87        | 1         | 2         | 2         | 37       | 3.32    | .040 | 14        | 3         | .40     | 392       | .05     | 2   | .99     | .01     | .12 | 1        | 2          |
| JAN-FL-21           | 1           | 39        | 32        | 126       | .7        | 2         | 10        | 77         | 3,24  | 7         | 5        | ND        | 2         | 86        | 1         | 2         | 2         | 43       | 3.30    | .057 | 14        | 2         | .72     | 320       | .04     | 2   | .78     | .01     | .12 | 1        | 6          |
| JAN-FL-22           | ī           | 32        | 43        | 151       | 1.3       | 2         | •         | 1002       | 3.12  | 7         | 5        | NI)       | 1         | 84        | 1         | 2         | 2         | 38       | 3.38    | .040 | 14        | 3         | .57     | 297       | .05     | 4   | .85     | .01     | .11 | 1        | 1          |
| JAN-FL-23           | 1           | 53        | 44        | 167       | 1.7       | 3         | 10        | 942        | 4.17  | 14        | 5        | סא        | 2         | 10        | 1         | 2         | 2         | 56       | 2.97    | .068 | 14        | 6         | .70     |           | .07     | 7   | . 76    | .01     | .11 | 1        | 2          |
| JN-65-1             | 1           | 25        | 14        | 77        | .1        | 4         | •         | 193        | 3.55  | 2         | 5        | ND        | 3         | 40        | ī         | 2         | 2         | 48       | .20     | .094 | 11        | 7         | .79     | 121       | .10     | 2   | 1.05    | .01     | .05 | 1        | 1          |
| JN-65-2             | 1           | 31        | 16        | 97        | .2        | 4         | 12        | 858        | 4.45  | 5         | 5        | ND        | 2         | 31        | 1         | 2         | 2         | 65       | .74     | 480. | 10        | 4         | .97     | 131       | .12     |     | 1.29    | .01     | .05 | 1        | 3          |
| JN-65-3             | 1           | 107       | 50        | 146       | .4        | 8         | 24        | 1007       | 4.55  | 10        | 5        | MD        | 3         | 35        | 1         | 2         | 4         | 62       | 1.14    | .075 | 10        | 5         | 1.05    | 3         | .13     |     | 1.25    | .01     | 40. | 2        | 42         |
| JN-65-4             | 2           | 125       | 304       | 280       | 7.4       | 7         | 35        | 1084       | 10.05 | 23        | 5        | 16        | 4         | 35        | 2         | 2         | 2         | 92       | .84     | 075  | 10        | 6         | .98     | 27        | -11     | 2   | 1.23    | .01     | .07 | 10       | 980        |
| JN-68-5             | 2           | 117       | 102       | 194       | .6        | 8         | 27        | 193        | 8.17  | 14        | 5        | Ю         | 3         | 41        | 1         | 2         | 4         | 68       | .84     | 104  | 11        | 7         | -98     | 41        | .13     |     | 1.18    | .01     | .04 |          | 1570       |
| JN-65-6             | 1           | 77        | 47        | 148       | .5        | 6         | 20        | 1032       | 4.00  | 10        | 5        | ND        | 2         | 45        | 1         | 2         | 3         | 57       | 1.32    | .094 | 10        | 5         | 1.00    | 52        | .12     | 2   | 1.20    | .01     | .06 | 2        | 29         |
| JN-65-7             | ī           | 111       | 93        | 214       | .7        | 7         | 24        | 1196       | 6.87  | 12        | 5        | MD        | 3         | 47        | 2         | 2         | 2         | 42       | 1.32    | .100 | 11        | 5         | 1.05    | 44        | .12     | 2   | 1.26    | .01     | .07 | 4        | 17         |
| JM-69-8             | 2           | 102       | 44        | 145       | .6        | 5         | 23        | 1055       | 4.58  | 10        | 5        | ND        | 3         | 42        | 1         | 2         | 2         | 41       | 1.07    | .078 | 10        | 5         | -76     | 32        | -11     |     | 1.14    | .01     | .06 | 5        | 300        |
| JN-65- <del>7</del> | 2           | 132       | 192       | 256       | .7        | •         | 36        | 1021       | 10.28 | 27        | 5        | MD        | 3         | 41        | 2         | 2         | 2         | 49       | 1.03    | .077 | •         | 4         | .73     | 15        | .10     | 2   | 1.09    | .01     | .07 | 2        | 21         |
| JN-65-10            | 1           | 100       | 104       | 237       | .6        | 7         | 28        | 1037       | 7.84  | 18        | 5        | ND        | 2         | 44        | 2         | 2         | 2         | 57       | 1.17    | .072 | 9         | 5         | .73     | 25        | -11     |     | 1.10    | .01     | .06 | 5        | 17         |
| JN-65-11            | i           | 104       | 71        | 164       | .6        | 5         | 23        | 177        | 4.89  | 12        | 5        | Ю         | 3         | 41        | 2         | 2         | 2         | 66       | .95     | .106 | 10        | 7         | .96     | 45        | .12     | 2   | 1.16    | .01     | .06 | 3        | 110        |
| STD C/AU-S          | 18          | 61        | 43        | 133       | 7.2       | 69        | 27        | 1043       | 3.97  | 40        | 21       | ŧ         | 39        | 52        | 18        | 17        | 17        | 58       | .48     | .084 | 39        | 61        | .71     | 191       | .06     | 32  | 1.84    | .06     | .13 | 11       | 52         |

TEUTON RESOURCES PROJECT-JAN CLAIMS FILE # 87-5658

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STD C/AU-R

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132 7.1

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26 1027 3.88

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DATA LINE 251-1011

#### GEOCHEMICAL ICP ANALYSIS

.500 GRAN SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HND3-H2D AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG DA TI B M AND LIMITED FOR MA AND K. AN DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: P1-2 ROCK P3-SILT AUX ANALYSIS BY AA FROM 10 GRAN SAMPLE.

ASSAYER. DEAN TOYE. CERTIFIED B.C. ASSAYER DATE RECEIVED: SEPT 12 1987 TEUTON RES. Page 1 SAMPLE# PΒ 7N A6 NI CO MN FE AS U AU TH SR CD SB 10 ٧ CA • LA CR M6 BA П PPH PFH PPM PPM PPK PPH PPH PPH PPB PPM PPH PPN I 1 PPH COMCAMP D1-2 R 6651 2 449 124 891 4.43 30 1.51 .035 .70 17 -08 2 1.13 .03 .04 10 COMCAMP D1-2 R 8653 16 1351 5.73 5 2 51 40 1.27 .058 3 .93 21 .17 2 1.22 .04 19 COMCAMP D1-2 R 6654 2 473 17 74 1.0 511 3.58 5 55 29 2.34 -04B 5 3 .51 33 .15 3 1.05 .05 10 CONCAMP D1-2 R 6655 1 10 10 41 .3 1 5 559 2.38 5 ND 3 54 2 24 1.34 .072 10 .39 105 .14 4 1.09 .05 .14 COVEANT D1-2 R 4454 21 28 .3 99 9.03 13 .29 .040 4 .12 1 6 .16 4 .53 .05 .17 CONCARP D1-2 R 6657 156 .064 3 11 192 3.26 5 39 . 58 27 .39 25 .20 4 1.10 .10 .20 COMCAMP DI-2 R 6658 108 3.21 13 .10 .030 .28 20 -10 5 .50 .03 .19 1 COMMAND D1-2 R 4659 .7 232 3.08 5 22 2 33 .50 .037 .39 28 . 18 . 48 -05 -13 2 4 EDWEANP D1-2 R 4640 8 46 11 .2 3 384 3.34 3 5 В 11 2 17 .06 .035 12 4 .92 72 .01 3 1.18 .04 .19 2 2 CONCARP D1-2 R 6661 22 44 2.08 76 .04 .026 17 .04 23 .01 4 .35 .05 CONCAMP 0-3 R 6662 8 153 27 75 1.3 5 20 903 6.16 11 57 33 3.70 .039 2 .75 5 18 .12 0 1.21 .02 .07 86 16 CONCAMP D-3 R 4663 20 7 54 .2 3 4 1160 1.91 5 188 2 28 8.91 .027 .94 2 1437 .08 4 1.05 .01 .10 1 1 CONCAMP D-3 R 4664 14 271 19 .2 19 3141 7.02 112 22 13.85 .030 1 1.30 133 .01 2 .22 -01 -13 1 1 COMCAMP D-3 R 6665 334 227 1.7 7 23 2328 7.03 15 5 ND 80 2 í 2 2 47 5.80 .058 7 1.37 18 -02 2 1.32 17 -01 -17 1 CONCAMP D-3 R 4666 20 10361 21047 21027 18.2 3 26 1661 7.79 53 ND 53 168 30 5.35 .017 .89 7 .01 11 1.78 .02 .31 11 COMPAND D-3 R 8647 2 25998 72 136 21.6 30 1525 12.99 5 10 2 24 .83 .008 .52 7 .01 4 .72 .07 1 27730 .03 CONCAMP D-3 R 4448 28 334 414 714 29 1315 7.98 2.6 7 258 5 ND 3 40 12 38 2 2.56 .049 21 .47 5 11 .04 2 . 77 .02 .17 1 147 CONCAMP D-4 R 6669 1 1713 42 86 20.1 2 10 671 3.88 26 5 ND 20 12 1 .26 .001 2 2 .82 32 .01 .03 .02 1 140 CONCAMP D-4 R 4670 1 17 21 33 .2 2 2 294 1.65 5 5 ND 29 5 .23 .048 2 .27 192 .12 7 .70 .03 .14 1 CONCAMP D-4 R 6671 33 2 5 371 3.20 20 17 .47 .070 10 2 .59 71 -20 8 1.15 .04 CONCAMP D-4 R 6672 54 22 99 21 2028 6.93 36 5 90 3.27 .108 34 1.98 40 .15 2 2.81 CONCAMP D-5 R 4673 11 74 37 .2 9 77 3.99 5 42 19 .45 .063 . 21 21 1 .17 5 .89 .0B .20 CONCAMP D-5 R 6674 3 26 21 91 .2 2 9 578 3.58 5 2 40 2 34 4.60 .051 5 2 .4B 28 .17 11 1.74 .05 .14 1 1 CONCAMP D-5 R 4475 7 1761 126 22 3.3 3 9 23371 12.38 21 19 HD 2 47 2 20 . 15 1 .011 2 1 .26 265 .01 2 .78 .02 52 2 CONCAMP D-5 R 6676 1 1 334 .54 2 16 71 1 2 1.44 .002 3 .02 826 17 .01 .24 -02 CONCAMP D~5 R 4677 1 29 17 94 .7 12 13 2705 4.39 ND 2 5 2 350 2 43 13.41 .046 1 2 9 2.00 485 .01 2 .41 .01 .15 38 CONCAMP D-5 R 6678 1 113 12 2158 4.55 399 55 12.46 .045 2.35 1224 .01 DEL NORTE D-2 R 4679 9 023 202 24224 26.7 5 4834 12.79 1544 5 NO 2 340 374 5 10 14 6.01 .059 1 1.34 4 .48 .01 DEL NORTE D-2 R 4480 **6** 13134 743 2495 22.4 1 14 6535 10.31 42 5 ND 3 19 2 20 22 1.08 .089 2 .84 12 .01 3 1.32 .04 .20 2 1105 1 DEL NURTE D-2 R 6681 3 314 31 269 .5 3 12 779 2.72 5 7 4 3.28 .070 2 43 .01 13 .30 .02 215 DEL NORTE D-2 R 4602 27 30 .5 2 17 69 3.39 2 .04 .016 .02 27 10. 2 .23 .01 . 15 2 17 DEL NORTE D-2 # 6683 18 268 429 77 2.03 3 .80 .008 .02 2 1 40 .01 2 .25 .02 .18 1 1210 DEL NORTE D-2 R 4484 26 474 79 873 2.6 77 2.45 1 29 2 2 1.48 .026 .02 29 .01 320 1 -21 -02 . 14 1 DEL NORTE D-2 R 6685 7 594 18 397 -7 3 7 624 4.84 5 ND 2 28 3 2 2 22 .87 .123 5 7 .27 116 .01 2 .38 .03 62 .26 1 DEL NORTE D-2 R 4686 17 612 641 4.5 185 4.08 .12 .106 5 26 .65 17 .01 2 1.00 .02 .25 2 DEL NORTE D-2 R 4487 80 152 • .5 - 5 3 188 4.00 2 KD 4 119 4 2 33 .10 .151 23 559 11 .83 .01 3 1.16 .03 .23 2

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18 17

55 .47 .085

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.86 175

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