FINANCIAL ASSISTANCE FOR MINERAL EXPLORATION GRANT IDENTIFICATION NO. 10962 E-169

### HELLROARING GROUP INDUSTRIAL MINERALS PROJECT BRITISH COLUMBIA FORT STEELE MINING DIVISION

FILMED

NTS 82 F/9 Lat. 49°35'N Long. 116°10'W

Barnwell of Canada, Limited ି Owners: Colt Exploration (Western) Ltd. Fairholme Development Limited Lumberton Mines Limited

Operator: Lumberton Mines Limited

Submitted by: S.M. Pudifin

GEOLOGICAL BRANCH ASSESSMENT REPORT Novem

### TABLE OF CONTENTS

|      |   | Page Number          |
|------|---|----------------------|
|      |   |                      |
| 1.0  | SUMMARY   | 1                    |
| 2.0  | <pre>INTRODUCTION 2.1 Geographic and Physiographic Location 2.2 Property Definition</pre> | 1<br>1<br>2          |
| 3.0  | EXPLORATION 3.1 Previous Work 3.2 Objectives of the 1986 Program 3.3 Field Method         | 5<br>5<br>6<br>6     |
| 4.0  | GEOLOGY   | 6                    |
| 5.0  | DRILLING 5.1 Targets 5.2 Results  | 7<br>7<br>7          |
| 6.0  | PHYSICAL WORK 6.1 Grid Establishment 6.2 Trenching 6.3 Roadbuilding                       | 12<br>12<br>12<br>12 |
| 7.0  | CONCLUSIONS   | 12                   |
| 8.0  | RECOMMENDATIONS   | 14                   |
| 9.0  | COST STATEMENT  | 15                   |
| 10.0 | STATEMENT OF QUALIFICATIONS   | 16                   |
| 11.0 | STAFF   | 17                   |
| 12.0 | REFERENCES  | 18                   |
| 13.0 | APPENDIX  |                      |
| 140  | MAD DOOMER  |                      |

### TABLE OF CONTENTS cont'd

|       |   | Page  | Number  |
|-------|---|-------|---------|
|       | LIST OF FIGURES                             |       |         |
| _     | Regional Location Map<br>Claim Location Map |       | 3<br>4  |
|       | LIST OF MAPS                                |       |         |
| Map 1 | 1986 Current Exploration Program            | Map P | ocket   |
|       | LIST OF TABLES                              |       |         |
|       | Diamond Drill Holes<br>Trench Summary       | 1     | 9<br>.3 |

#### 1.0 SUMMARY

The Hellroaring Creek industrial minerals prospect is situated in the St. Mary's Lake area of the Purcell Range, southwest of Kimberley, British Columbia. Known for decades, the Hellroaring Creek stock was only recently recognized as an immense potential deposit of industrial feldspar, quartz and muscovite. All principal constituents of the pegmatite ore are environmentally benign and, preliminary studies indicate, readily marketable.

Exploration work in 1986 included grid establishment, roadbuilding, trenching, mapping and drilling 21 BQ diamond drill holes totalling 2010.4 m of core. Field work this year commenced July 17, 1986 and continued through until November 10, 1986.

The exploration program conducted on the property this field season has increased and established new areas of mineable reserves. Flotation and analytical work on the core is being conducted to test the grade of the rock drilled.

#### 2.0 INTRODUCTION

### 2.1 Geographic and Physiographic Location

The Hellroaring group of 79 claim units is situated 25 km southwest of Kimberley, British Columbia in the Purcell Mountains. Access to the area is by 20 km along the paved Kimberley - St. Mary's Lake highway, followed by five km of Crestbrook Forest Products gravelled road.

The property is situated in a well-treed area which is currently being logged. Elevations on the property range between 1170 m at Hellroaring Creek and approximately 1735 m at the highest pegmatite occurrence.

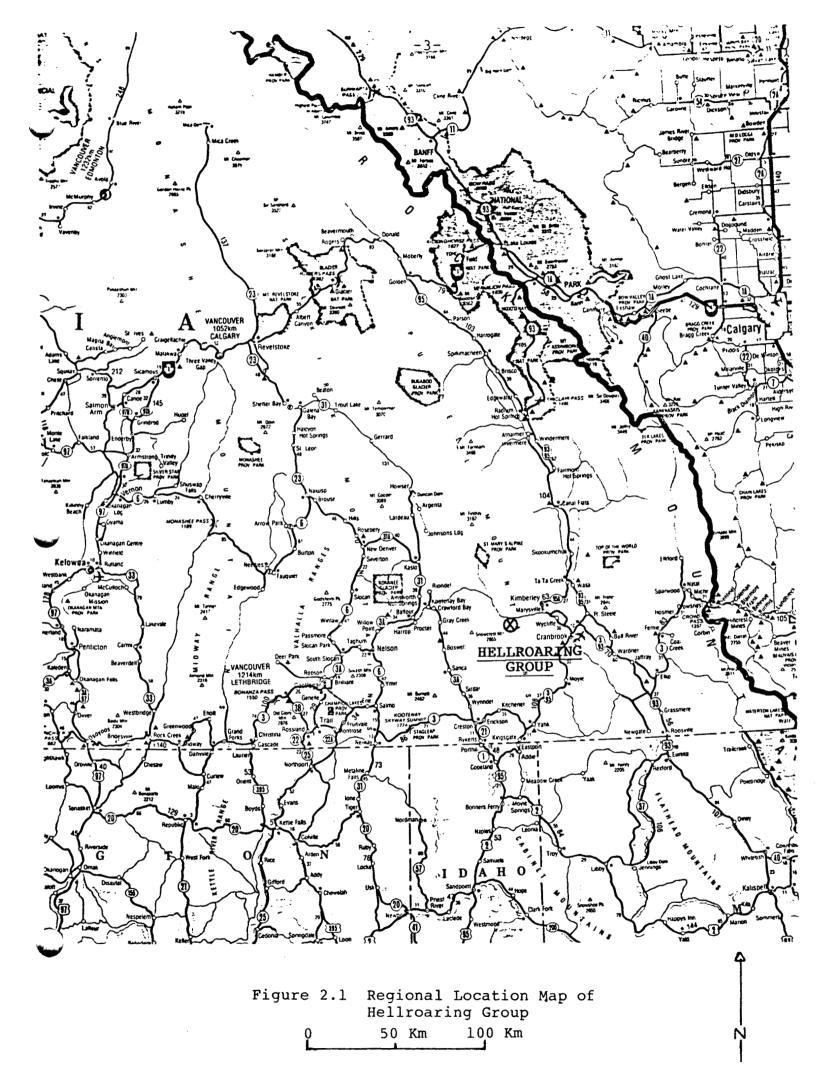
### 2.2 Property Definition

The Hellroaring Group property consists of 79 contiguous units comprising 1841 hectares. Initially, four claims, the Moneca, Scout, Cub and Sara were purchased by Bearcat Explorations Ltd. In January, 1984 the Kelly claim was staked by a representative of Lumberton Mines Limited, a 100% owned subsidiary of Bearcat Explorations Ltd. All five claims were grouped on November 5, 1984 into the Hellroaring Group.

The current owners include:

| Lumberton Mines Limited         | 65% | interest |
|---------------------------------|-----|----------|
| Barnwell of Canada, Limited     | 25% | interest |
| Colt Exploration (Western) Ltd. | 5%  | interest |
| Fairholme Development Limited   | 5%  | interest |

Lumberton Mines Limited is the recorded holder of the claims and also the appointed operator.



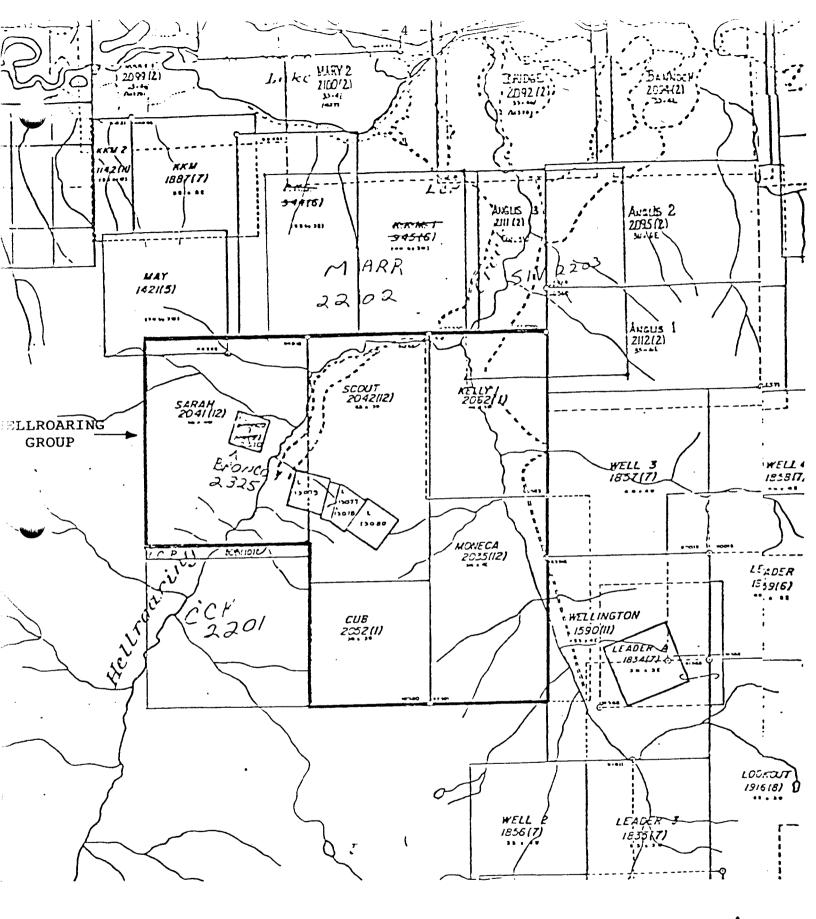


Figure 2.2 Claim Location Map of Hellroaring Group. Sarah, Scout, Kelly, Cub and Moneca claims in heavy outline. Taken from Ministry of Mines and Petroleum Resources Claim Map, 82F/9E.

Scale 1:5000

#### 3.0 EXPLORATION

#### 3.1 Previous Work

The area has been mapped by the Geological Survey of Canada, Rice, 1941, and again in more detail by Leech in 1957. It was over this period that a Vancouver based group promoted a base metal development on the west flank of the anticline. An underground operation on four Crown-granted claims known as the Boy Scout Group produced very limited amounts of lead, zinc, minimal traces of silver and gold in quartz veins within Aldridge quartzites.

The Hellroaring Creek stock was staked and assessed by the Richfield Oil Corporation in the mid 1960's as a potential beryllium prospect. Most of their work was concentrated on the northernmost extremities of the pegmatite and they concluded the prospect to be too low grade at the time.

It was as a potential beryllium deposit that the Hellroaring Creek prospect first came to the attention of Lumberton Mines Limited. In 1984, a 32.4 km grid was established from Angus Creek in the southeast to Hellroaring Creek in the northwest. After prospecting, mapping and construction of roads, a total of 500 m of HQ core was drilled. Economic amounts of beryllium were disproved, though the presence of an immense amount of industrial minerals in the pegmatite was indicated.

In the following 1985 field season, the construction of roads continued and mapping identified three main outcrop areas of interest; A, B and C. Eight holes totalling 574.15 m of core were completed in Zone A. This pegmatite was extensively sampled and samples were submitted to competing laboratories for analysis.

#### 3.2 Objectives of the 1986 Program

Objectives of the 1986 program were to explore and develop the industrial mineral potential of the Hellroaring Group pegmatite. Industrial minerals of economic interest are feldspar, quartz and muscovite. Extensive drilling and additional mapping were necessary to expand the indicated industrial mineral reserves of Zone A and delineate additional ore reserves in Zones B and C. Close liaison on this project has been maintained with Vancouver based engineering consultants, Dolmage Campbell.

#### 3.3 Field Method

The 1986 field program commenced July 17, 1986 and continued through until November 10, 1986. 6.05 kms of additional grid were established on the property using chain, compass and clinometer.

Utilizing UH-07 Hitachi and 490-B John Deere backhoes, roads were up-graded and approximately 1.0 km of additional roads were constructed to selected drill locations. 819 m<sup>2</sup> of subcrop were exposed by trenching. All trenches were done by hand, except for #11 which was done using a backhoe.

2010.4 m of BQ core was drilled using a Longyear Hydrocore - 28 diamond drill. All recovered core has been logged lithologically, split and stored in core racks.

### 4.0 GEOLOGY

The Hellroaring Group of claims occur within the middle Proterozoic Purcell Supergroup of clastic and carbonate rocks. The lower part of the Purcell Supergroup is exposed on the property. At the base of the Supergroup, the Aldridge Formation

is comprised of argillites, siltstones and fine grained quartzites, and is conformably overlain by shallow water Creston Formation sediments and the clastic Kitchener Formation (Hoy, 1982).

The Moyie diorite, considered to be at least 1225 m.a. (Ryan and Blenkinsop, 1971) intrudes the Purcell Supergroup.

The East Kootenay orogeny produced uplift, folding, tilting, faulting and granitic intrusion. Ryan and Blenkinsop (1971) dated the Hellroaring stock as slightly younger than 1225 m.a. The stock consists of a coarse grained granodioritic pegmatite.

The pegmatite is exposed over approximately 4 km in extent and approximately 1.5 km in width. The configuration of the pegmatite appears to be irregular in thickness and evidence is inconclusive, at this time, as to its shape.

#### 5.0 DRILLING

A Longyear 28 Hydro-core diamond drill was mobilized to the property July 30, 1986. Drilling commenced August 4th and continued until November 7th. The core was logged and split.

The drilling was conducted under contract by:

Mancore Drilling (1984) Ltd. P.O. Box 68 Kimberley, British Columbia

A core storage facility is located on the Palmer Bar Ranch, Lumberton, British Columbia. The core can be viewed by contacting Mr. E.J. Phillips at the following address:

Box 17 Site 8, R.R. 2 Cranbrook, British Columbia

### 5.1 Targets

Twenty-one holes of BQ core totalling 2010.4 m (6627 ft.) were drilled to further delineate the extent of the pegmatite at depth and to establish mineable reserves of feldspar-rich zones. A summary of drill locations, depths and azimuths can be found in Table 5.1 on page 9. Map 1 shows the locations of all holes. Drill logs are in Appendix 1.

#### 5.2 Results

Drilling revealed extensive areas of relatively "clean" pegmatite void of significant contamination (concentrations of tourmaline, iron and manganese staining and occasional traces of sulphides).

Feldspar is the most abundant mineral averaging between 65% and 70% of the pegmatite. Analyses to date indicate the feldspar to be a mixture of both potassium rich microcline and sodic-plagioclase.

Quartz occurs as large blocks up to two metres in length as well as in aplitic and graphic phases. It comprises, on average, approximately 25% of the pegmatite.

Muscovite comprising approximately 5% of the intrusive, occurs as fine grained fracture coatings and as large books up to 10 cm in diameter. Schorl is the most common accessory mineral found and is present as very fine grained, feathery crystals, to coarse crystals exceeding 3 cm in diameter and

TABLE 5.1: DIAMOND DRILL HOLE SUMMARY

| D.D.H. | LOCATION               | DEPTH    | AZIMUTH/ANGLE | ELEVATION |
|--------|------------------------|----------|---------------|-----------|
| 84-1   | C BL 0/0+00            | 110.64 m | Vertical      | 1725.5 m  |
|        |                        |          |               |           |
| 85-1   | L 0+70N/2+00W          | 84.70 m  | 325°/-70°     |           |
| 85-2   | L 0+70N/2+00W          | 63.10 m  | 145°/-70°     |           |
| 85-3   | L 0+88N/1+50W          | 104.80 m | 325°/-70°     |           |
| 85-4   | L 0+88N/1+50W          | 66.45 m  | 145°/-70°     |           |
| 85-5   | L 0+78N/1+75W          | 95.40 m  | 325°/-70°     |           |
| 85-6   | L 0+78N/1+75W          | 57.30 m  | 145°/-60°     |           |
| 85-7   | 1+40N/1+25W            | 68.00 m  | 334°/-70°     |           |
| 85-8   | 1+40N/1+25W            | 34.40 m  | 154°/-65°     |           |
|        |                        |          |               |           |
| 86-1   | B BL 0+10S/0+25W       | 93.60 m  | 295°/-70°     | 1629.5 m  |
| 86-2   | B BL 0+10S/0+25W       | 34.40 m  | 115°/-60°     | 1629.5 m  |
| 86-3   | B 0+25N/0+25W          | 113.73 m | 295°/80°      | 1621.5 m  |
| 86-4   | B 0+25N/0+25W          | 92.35 m  | 115°/50°      | 1621.5 m  |
| 86-5   | B 0+50N/0+07W          | 119.78 m | 295°/-70°     | 1612.0 m  |
| 86-6   | B 0+50N/0+07W          | 95.40 m  | 115°/-60°     | 1612.0 m  |
| 86-7   | B 1+00N/0+06E          | 125.88 m | 295°/-75°     | 1598.5 m  |
| 86-8   | B 1+00N/0+06E          | 89.30 m  | 115°/-55°     | 1598.5 m  |
| 86-9   | B 1+25N/0+10E          | 124.30 m | 295°/-75°     | 1577.5 m  |
| 86-10  | B 1+25N/0+10E          | 114.90 m | 115°/-60°     | 1577.5 m  |
| 86-11  | 1+51N/0+01W '85 grid   | 58.84 m  | 270°/-70°     | 1649.0 m  |
| 86-12  | 1+51N/0+01W '85 grid   | 46.60 m  | 090°/-65°     | 1649.0 m  |
| 86-13  | B 0+50S/0+10W '86 grid | 180.60 m | Vertical      | 1623.0 m  |
| 86-14  | 0+25N/1+75W '85 grid   | 39.00 m  | Vertical      | 1658.0 m  |
| 86-15  | C BL 0/0+25N           | 84.50 m  | 090°/-70°     | 1719.0 m  |
| 86-16  | C BL 0/0+25N           | 84.70 m  | 270°/-60°     | 1719.0 m  |
| 86-17  | C BL 0/0+25S           | 80.50 m  | 090°/-60°     | 1725.0 m  |
| 86-18  | C BL 0/0+25S           | 86.30 m  | 270°/-70°     | 1725.0 m  |
| 86-19  | C BL 0/0+75S           | 81.70 m  | Vertical      | 1726.5 m  |
| 86-20  | 0+25N/2+00W '85 grid   | 104.60 m | Vertical      | 1643.0 m  |
| 86-21  | B 1+54.5N/0+19.5E      | 159.40 m | 000°/-65°     | 1527.0 m  |

The shallow depth and competence of the rock obviated any need for dip testing.

10 cm in length. Percentages of this tourmaline vary irregularly with few zones being completely void of the mineral. Other accessory minerals include pink garnets. Occasional traces of pyrrhotite, pyrite and galena were also observed. Manganese and iron staining is common.

To date, thicknesses of up to 150 m have been drilled into the pegmatite, and several holes were terminated in quartzite or diorite. Contacts between the pegmatite and quartzite are usually very sharp. The sediments are metamorphosed with abundant fine grained tourmaline commonly present, and it is considered that the sediments may be xenoliths within the pegmatite, but evidence is inconclusive.

Four representative samples of core based on visual amounts of contamination were selected and sent for metallurgical bench testing to North Carolina State University, Mineral Research Laboratory. Preliminary evaluations are complete. The following table identifies the sample intervals:

MRL #1 Sample: Pegmatite
Composition: Blocky very clean-clean crystalline
quartz, feldspar, muscovite with less than traces
of tourmaline, garnet, negligible staining

DDH 86-1: @ 62.3 m DDH 86-1: 61.3 - 61.5 m DDH 86-5: 105.3 - 105.8 m DDH 86-7: 125.0 - 125.2 m DDH 86-9: 101.0 - 101.1 m DDH 86-9: 111.1 - 111.5 m DDH 86-9: 123.9 - 124.3 m

Total weight: 2.40 kg

MRL #2 Sample: Pegmatite

Composition: Clean crystalline quartz, feldspar, muscovite, negligible tourmaline with abundant Fe and Mn stain

DDH 86-1: 63.1 - 63.4 m DDH 86-9: 70.9 - 71.0 m DDH 86-13: 13.5 - 14.2 m DDH 86-15: 3.4 - 3.7 m DDH 86-15: 34.83 - 34.90 m

DDH 86-16: @ 38.5 m

Total weight: 2.42 kg

MRL #3 Sample: Pegmatite

Composition: Coarse - med. crystalline, feldspar, quartz, muscovite with 2-3% med.-coarse crystalline tourmaline, negligible staining

DDH 86-1: 21.2 - 21.6 m DDH 86-1: 59.08 - 59.15 m DDH 86-5: 119.45 - 119.78 m DDH 86-9: 2.9 - 3.3 m DDH 86-9: 7.2 - 7.4 m DDH 86-9: @ 101.8 m DDH 86-14: 38.15 - 38.25 m

Total weight: 2.10 kg

MRL #4 Sample: Pegmatite
Composition: Aplitic, very fine-fine crystalline,
feldspar, quartz, muscovite, 3-8% tourmaline, 1-2%
garnet and minor Fe stain

DDH 86-9: 103.8 - 103.9 m DDH 86-9: 105.0 - 105.1 m DDH 86-9: 107.3 - 107.6 m DDH 86-9: 121.6 - 122.2 m DDH 86-14: 28.24 - 28.34 m DDH 86-14: 38.25 - 38.45 m

Total weight: 1.74 kg

#### 6.0 PHYSICAL WORK - 1986

#### 6.1 Grid Establishment

1.85 km of grid were established in Zone C and 4.20 km in Zone B using chain, compass and clinometer. The baselines trend north-south with crosslines running east-west. All lines are flagged and picketed.

### 6.2 Trenching

In order to expose geological contacts as well as extensions of the pegmatite several areas were hand-trenched and a backhoe was utilized for areas with excessive overburden. Twelve trenches totalling  $819~\text{m}^2$  of exposure were established. Table 6.2 provides a list of locations and dimensions of each trench.

### 6.3 Roadbuilding

Approximately 1.0 km of new roads were emplaced for access to Zone B. The roads are approximately four metres wide and suitable for four-wheel drive vehicles. All new roads are adequately ditched for necessary drainage.

### 7.0 CONCLUSIONS

Trenching, mapping and drilling has identified vast areas of mineable reserves rich in feldspar, quartz and muscovite with little contamination of iron rich minerals. Zones of tourmaline content in excess of 1% have been delineated also.

TABLE 6.2: TRENCH SUMMARY

| Trench | Location                | Length X Width X Depth (metres) |
|--------|-------------------------|---------------------------------|
| 1      | BL: 1+50N               | 100 x 1 x 1                     |
| 2      | 1+50N:0+25E             | 95 x l x l                      |
| 3      | 1+50N:0+50E             | 75 x l x l                      |
| 4      | 1+50N:0+75E             | 65 x 1 x 1                      |
| 5      | 1+50N:1+00E             | 60 x 1 x 1                      |
| 6      | 1+50N:1+25E             | 65 x 1 x 1                      |
| 7      | 0+75N:0+75E             | 10 x 1 x 1                      |
| 8      | 0+75N:1+25E             | 10 x 1 x 1                      |
| 9      | DDH 86-1 to DDH 85-7    | 185 x 1 x 1                     |
| 10     | BL to 2+30N (plan view) | 125 x 1 x 1                     |
| 11     | 2+65N:0+25E             | 12 x 2 x 3                      |
| 12     | 1+25N:1+75E             | 5 x 1 x 1                       |

The configuration of the pegmatite is irregular in thickness and could represent a stock with xenoliths of quartzite and diorite. Further evidence is necessary to draw any firm conclusions, though.

#### 8.0 RECOMMENDATIONS

The future of this project depends, to a great extent, on analytical and flotation results. Further samples from the different drill holes should be analyzed for their alkali content to establish uniformity of grade in the feldspar.

It is assumed, from the results of the preliminary flotation tests conducted at the Mineral Research Laboratory at North Caroline State University, that the results of the bench flotation testing will be favourable. Subsequent to this it is recommended that Lumberton Mines Limited proceed with a pilot plant metallurgical test on approximately 15-20 tonnes of pegmatite ore. In-depth market studies should follow.

Appropriate engineering studies should be conducted in the proposed mining areas.

### 9.0 COST STATEMENT

## (A) Employment

|     |   | Man Days                        | \$  |
|-----|---|---------------------------------|---|
|     | General labourers<br>Drillers/helpers<br>Geologists<br>Supervisory  | 175.5<br>160.5<br>139.5<br>95.5 | 20,696.00<br>20,500.00<br>28,450.00<br>22,325.00  |
|     |   | 571.0                           | 91,971.00   |
| (B) | Goods & Services  |                                 |   |
|     | Contract drilling Consulting Assays, analysis Communications Equipment rentals Transportation Accommodation Meals, groceries Grid establishment, 6.05 km Services, excavating, etc. | 327.0                           | 116,141.00<br>3,880.00<br>2,178.00<br>538.00<br>941.00<br>15,644.00<br>1,547.00<br>3,120.00<br>6,000.00<br>9,889.00<br>159,878.00 |
|     | TOTAL   | 898.0                           | \$251,849.00  |

### 10.0 STATEMENTS OF QUALIFICATION

### I, STEPHANIE MAIA PUDIFIN OF CALGARY, ALBERTA

- 1) am a staff geologist with Bearcat Explorations Ltd.
- 2) have a B.Sc. degree in Geology from McGill University (1983)
- 3) have been working and studying in the field of mineral exploration since 1981, and
- 4) have no financial interest in the property described herein.

### I, DOUGLAS L. HERRON OF CALGARY, ALBERTA

- 1) am a Consulting Geologist in Calgary, Alberta
- 2) have twenty-three years prospect and project experience
- 3) have been engaged in coring program and surface mapping, and
- 4) have no financial interest in the property described herein.

#### 11.0 STAFF

The 1986 exploration program was accomplished with the following personnel during July 17th through November 24, 1986 inclusive:

Ed Phillips Operations Supervisor Cranbrook, British Columbia

Maia Pudifin Project Geologist Calgary, Alberta

Douglas L. Herron Consultant Calgary, Alberta

John W. McLeod President Calgary, Alberta

Robert S. Wasylyshyn Consultant Calgary, Alberta

Dave Schmidider Field Assistant Cranbrook, British Columbia

Leith Hampton Field Assistant Cranbrook, British Columbia

Walter Priller Field Assistant

Ron Arnett Field Assistant

Rory McLeod Field Assistant

Carl Flaata Field Assistant

Cranbrook, British Columbia

Mancore Drilling (1984) Ltd. Kimberley, British Columbia

Cranbrook, British Columbia

Cranbrook, British Columbia

Victoria, British Columbia

#### 12.0 REFERENCES

- Hoy, T., 1982 Stratigraphic and Structural Setting of Stratabound Lead-Zinc deposits in Southeastern British Columbia, C/M Vol. No. 75, No. 840 pp. 31-84.
- Leech, G.B., 1952, Preliminary Map, St. Mary Lake, British Columbia, G.S.C. Paper 52-15.
- Ryan, B.D. and Blenkinsop, J., Geology and Geochronology of the Hellroaring Stock, British Columbia, Cdn. Journal Earth Sciences, Vol. 8, 1971, pp. 85-95.

#### 13.0 APPENDIX

Diamond drill logs

### 14.0 MAP POCKET

| PROPERTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
|          |             |       |  |

|         | DIP TEST    |           |
|---------|-------------|-----------|
|         | An          | gle       |
| Footage | Reading     | Corrected |
|         |             |           |
|         | <del></del> |           |
|         |             |           |
|         |             | ,         |
|         |             |           |

| Hole No. 86-1 Sheet No. 1 Section B BLO+10S/0+25W Date Begun | Lat                   | Total Depth 93.6 m  Logged By B.W. |
|--|-----------------------|------------------------------------|
| Date Finished  | Elev. Collar 1629.5 m | Core Size 3.5 cm B.Q.              |
| Date Logged  |                       |                                    |

|      | PTH<br>TO | RECOVERY | DESCRIPTION                                       | SAMPLE No.                        |       | то    | WIDTH<br>OF SAMPLE |         |         |        |      |
|------|-----------|----------|---|-----------------------------------|-------|-------|--------------------|---------|---------|--------|------|
| 0.0  | 19.0      | 17.9     | Predominantly med. gr. equigranular with abundant | TOURM % m                         | -c    |       |                    |         |         |        |      |
|      |           | 94.2%    | short intervals of graphic granite                |                                   |       |       |                    |         |         |        |      |
|      |           |          | -minor v. coarse to small block intervals         |                                   |       |       |                    |         |         |        |      |
|      |           |          | -top 4 m with intervals of v. fine gr. tourm.     |                                   |       |       |                    |         |         | /      |      |
|      |           |          | unit mostly greyish-white with common short Fe    |                                   |       |       |                    |         |         |        |      |
|      |           |          | stained intervals                                 |                                   |       |       |                    |         |         |        |      |
|      |           |          | from 14 m to 17 m interval stained Fe red brown   |                                   |       |       |                    |         |         |        |      |
|      |           |          | with yellow altered feldspar                      | #1 Fe <sub>2</sub> 0 <sub>3</sub> | 17.11 | 17.22 |                    |         |         |        |      |
|      |           |          | Feldspar 65% Tourm. 0.1-0.2% (local concentra-    | .12 0                             |       |       |                    |         |         |        |      |
|      |           |          | Quartz 25% tions in top 4 m)                      |                                   |       |       |                    |         |         |        |      |
|      |           |          | Muscovite 5-7%                                    |                                   |       |       |                    |         |         |        |      |
|      |           |          | Pyrite Tr.  |                                   |       |       |                    |         |         |        |      |
|      |           |          |   |                                   |       |       |                    |         |         |        |      |
| 19.0 | 22.50     | 3.5      | Graphic granite - med. gr., moderately developed  | #3                                | 21.2  | 21.6  | medcoar            | se crys | talline | tourma | line |
|      |           | 100%     | -top half greyish white with minor Fe stain       |                                   | ļ     |       |                    |         |         |        |      |
|      |           |          | -bottom half reddish brown with Fe stain          |                                   |       |       |                    |         |         |        |      |
|      |           |          | Feldspar 75% Tourm. Tr.                           | tr.                               |       |       |                    |         |         |        |      |
|      |           |          | Quartz 20% Pyrite Tr.                             |                                   |       |       |                    |         |         |        |      |
|      |           |          | Mica 3-5%   |                                   |       |       |                    |         |         |        |      |

| PROPERTY |
|----------|
|----------|

HOLE No. DDH 86-1

|         | DIP TEST     |           |  |
|---------|--------------|-----------|--|
|         | Angle        |           |  |
| Footage | Reading      | Corrected |  |
|         | ļ            |           |  |
|         | <del> </del> |           |  |
|         |              |           |  |
|         |              |           |  |
|         | İ            |           |  |

| Hole No. 86-1 Sheet No. 2 | Lat.         | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Onto Lormon               |              |             |

| FROM | TO   | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM     | то      | WIDTH<br>OF SAMPLE |  |   |  |
|------|------|----------|---|------------|----------|---------|--------------------|--|---|--|
| 22.5 | 31.0 | 8.3      | Mainly med. gr. equigranular unit with common                     |            |          |         |                    |  |   |  |
|      |      | 97.6%    | short intervals poorly-moderately developed                       |            |          |         |                    |  |   |  |
|      |      |          | graphic granite   |            |          |         |                    |  |   |  |
|      |      |          | -also short intervals coarse to monomineralic                     |            |          |         |                    |  |   |  |
|      |      |          | feldspar and quartz   |            |          |         |                    |  |   |  |
|      |      |          | -tourmaline present in local concentrations as                    |            |          |         |                    |  |   |  |
|      |      |          | fine-med. gr. cyrstals  |            |          |         |                    |  |   |  |
|      |      |          | -unit mostly greyish white with short red stained                 |            |          | !<br>!  |                    |  |   |  |
|      |      |          | Fe zones  |            |          |         |                    |  |   |  |
|      |      |          | -26.0 - 28.3 m strong red brown Fe staining                       |            | ,        |         |                    |  |   |  |
|      |      |          | -29.8 - 30.0 m strong green alteration of                         |            |          |         |                    |  |   |  |
|      |      |          | feldspars   |            |          | <b></b> |                    | <br>   |   |  |
|      |      |          |   |            |          |         |                    |  |   |  |
|      |      |          | Feldspar 65% Tourm. 0.5%  | .5 .5      | ļ        |         |                    |  |   |  |
|      |      |          | Quartz 30% Pyrite Tr.   |            |          |         |                    | <br>   |   |  |
|      |      | -        | Muscovite 5-7%  |            |          |         |                    |  |   |  |
| 21 0 | 36.0 | F 0      | Mainly fine mod on conjugate with common                          |            |          |         |                    |  |   |  |
| 31.0 | 30.0 |          | Mainly fine-med. gr. equigranular with common                     |            | <u> </u> |         |                    | <del>                                     </del> |   |  |
|      |      | 100%     | short intervals of poorly to moderately developed graphic granite |            |          |         |                    | <br>   | / |  |
|      |      |          | -equigranular with abundant v. fine to fine gr.                   |            |          |         |                    |  |   |  |

| PROPERTY HOLE No. DDH | 86-1 |
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|         | DIP TEST | gle       |
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| 86-1 3           |              |             |
|------------------|--------------|-------------|
| Hole No Sheet No | Lat          | Total Depth |
| Section          | Dep          | Logged By   |
| Date Begun       | Bearing      | Claim       |
| Date Finished    | Elev. Collar | Core Size   |
| Onto Longod      |              |             |

| DEF  | TH   | I                                       |  | <u> </u>   | 1    |    | WIDTH     |   | Τ        |   |   |
|------|------|---|--|------------|------|----|-----------|---|----------|---|---|
| FROM |      | RECOVERY                                | DESCRIPTION                                    | SAMPLE No. | FROM | то | OF SAMPLE |   |          |   |   |
|      |      |   | tourmaline to 5%                               |            |      |    |           |   |          | - |   |
|      |      |   | -graphic intervals generally free of tourm.    |            |      |    |           |   |          |   |   |
|      |      |   | -minor quartz-musc. rock                       |            |      |    |           |   |          |   |   |
|      |      |   | -unit greyish-white to dark grey where tourm.  |            |      |    |           |   |          |   |   |
|      |      |   | content high                                   |            |      |    |           |   |          |   |   |
|      |      | *************************************** |  |            |      |    |           |   |          |   |   |
|      |      |   | Feldspar 65-70% Tourm. (varies) 3% overall     | 3 0        |      |    |           |   |          |   |   |
|      |      |   | Quartz 25-30% Pyrite Tr.                       |            |      |    |           |   |          |   |   |
|      |      |   | Musc. 5%                                       |            |      |    |           |   | ļ        | _ |   |
|      |      |   |  |            |      |    |           |   |          |   |   |
| 36.0 | 41.0 | 5.0                                     | Graphic granite, med. gr. moderately developed |            |      |    |           |   | ·        |   |   |
|      |      | 100%                                    | with minor equigranular and quartz-musc. rock  |            |      |    |           |   | <u> </u> |   |   |
|      |      |   | -minor tourm. in local conc. especially near   |            |      |    |           |   | ļ        |   |   |
|      |      |   | bottom of unit                                 |            |      |    |           |   |          |   |   |
|      |      |   | -unit greyish-white with only minor Fe stains  |            |      |    |           |   |          | ′ |   |
|      |      |   |  |            |      |    |           |   |          |   |   |
|      |      | ,                                       | Feldspar 75% Tourm. 0.25-0.50%                 |            |      |    |           | , |          |   |   |
|      |      |   | Quartz 20%                                     |            |      |    |           |   |          |   |   |
|      |      |   | Muscovite 5%                                   |            |      |    |           |   | <u> </u> |   |   |
|      |      |   |  |            |      |    |           |   |          |   |   |
|      |      |   |  |            |      |    |           |   |          |   |   |
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HOLE No. DDH 86-1

| DIP TEST |         |           |  |  |  |  |  |  |  |
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| Footage  | Reading | Corrected |  |  |  |  |  |  |  |
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| Hole No. 86-1 Sheet No. 4 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| FROM | TO TO | RECOVERY | DESCRIPTION  | SAMPLE No | FROM  | то       | WIDTH<br>OF SAMPLE |         |         |         |          |
|------|-------|----------|--|-----------|-------|----------|--------------------|---------|---------|---------|----------|
| 41.0 | 58.4  | 17.1     | Equigranular unit - mainly med. gr. often fine     |           |       |          |                    |         |         |         |          |
|      |       | 98.3%    | with common poorly developed graphic granite       |           |       |          |                    |         |         |         |          |
|      |       |          | -minor quartz-musc. rock                           |           |       |          |                    |         |         |         |          |
|      |       |          | -tourm. disseminated throughout, v. fine to f. gr. |           |       |          |                    |         |         |         |          |
|      |       |          | except in short intervals where absent             |           |       |          |                    |         |         |         |          |
|      |       |          | -50.6 - 51.1 m coarse to v. coarse interval        |           |       |          |                    |         |         |         |          |
|      |       |          | feldspar and musc.                                 |           |       |          |                    |         |         |         |          |
|      |       |          | -unit greyish-white to dark grey where tourm.      |           |       |          |                    |         |         |         |          |
|      |       |          | content high. Minor local Fe staining              |           |       |          |                    |         |         |         |          |
|      |       |          | -53.0 - 53.5 m shear zone - rubbly recovery of     |           |       |          |                    |         |         |         |          |
|      |       |          | slightly deformed rock - gouge at bottom of shear  |           |       |          |                    |         |         |         |          |
|      |       |          |  |           |       |          |                    |         |         |         |          |
|      |       |          | Feldspar 60% Tourm. (variable) 0-10%               | 0-10 0    |       |          |                    |         |         |         |          |
|      |       |          | Quartz 30% (averages 3-5%)                         |           |       |          |                    |         |         |         |          |
|      |       |          | Muscovite 5% Garnet Tr.                            |           |       |          |                    |         |         |         |          |
|      |       |          |  |           |       |          |                    |         |         |         |          |
| 58.4 | 59.8  | 1.4      | Equigranular, mainly med. gr. minor aplitic        |           | 59.08 | 59.15    | Medcoa             | rse cry | stallin | e tourm | aline    |
|      |       | 100%     | -abundant tourm. and garnet                        |           |       |          |                    |         |         |         |          |
|      |       |          | -unit greyish-white to dark grey where tourm.      |           |       |          |                    |         |         |         |          |
|      |       |          | content high                                       |           |       |          |                    |         |         |         |          |
|      |       |          |  |           |       |          |                    |         |         |         |          |
|      |       |          |  | <u> </u>  |       | <u> </u> | L                  | L       | L       |         | <u> </u> |

|          | DDH 86-1 |
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| PROPERTY | HOLE No  |

|         | DIP TEST                                |           |  |  |  |  |
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|         | Angle                                   |           |  |  |  |  |
| Footage | Reading                                 | Corrected |  |  |  |  |
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| Hole No. 86-1 Sheet No. 5 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE   | TO   | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то   | WIDTH<br>OF SAMPLE |               |         |         |  |
|------|------|----------|---|------------|------|------|--------------------|---------------|---------|---------|--|
|      |      |          | Feldspar 60% Tourm. 2-3%                          | 2-3 0      |      |      |                    |               |         |         |  |
|      |      |          | Quartz 30% Garnet 2-3%                            |            |      |      |                    |               |         |         |  |
|      | ļ    |          | Muscovite 2-3%                                    |            |      |      |                    |               |         |         |  |
|      |      |          |   | <b>-</b>   |      |      |                    |               |         |         |  |
| 59.8 | 62.8 | 3.0      | Block zone - coarse to v. coarse grained          | #1         | 61.3 | 61.5 | Clean unc          | <u>ntamin</u> | ated pe | gmatite |  |
|      |      | 100%     | -med. grey near top and bottom of unit            | #1         | 62.3 |      | Clean unc          | ntamin        | ated pe | gmatite |  |
|      |      |          | -short monomineralic intervals of feldspar and    |            |      |      |                    |               |         |         |  |
|      |      |          | quartz to 25 cm                                   |            |      |      |                    |               |         |         |  |
|      |      |          | -unit greyish-white with only minor Fe stain      |            |      |      |                    |               |         |         |  |
|      |      |          |   |            |      |      |                    |               |         |         |  |
|      |      |          | Feldspar 45% Tourm. Tr.                           | tr.        |      |      |                    |               |         |         |  |
|      |      |          | Quartz 50% Garnet Tr.                             |            |      |      |                    |               |         |         |  |
|      |      |          | Muscovite 5-8%                                    |            |      |      |                    |               |         |         |  |
|      |      |          |   |            |      |      |                    |               |         |         |  |
| 62.8 | 73.2 | 10.4     | Poorly developed graphic granite with abundant    | #2         | 63.1 | 63.4 | <u>Iron stai</u>   | hed           |         |         |  |
|      |      | 100%     | equigranular rocks                                |            |      | ļ    |                    |               |         |         |  |
|      |      |          | -short aplitic intervals with abundant tourm.     |            |      |      |                    | ,             |         |         |  |
|      |      |          | and garnet  |            | ļ    |      |                    |               |         |         |  |
|      |      |          | -minor quartz-musc.                               |            |      |      |                    |               |         |         |  |
|      |      |          | -tourm. locally conc. as fine grained crystals    |            |      |      |                    |               |         |         |  |
|      |      |          | -unit greyish-white to whitish-grey and dark grey |            |      |      |                    |               |         |         |  |

| PROPERTY HOLE No. DDA | 86-1 |  |  |
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|         | DIP TEST     |           |  |  |  |  |  |
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|         | An           | gle       |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |
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| Hole No. 86-1 Sheet No. 6 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              | /           |

|  | PTH<br>TO   | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |   |   |   |   |
|--|---|----------|---|------------|----------|----|--------------------|---|---|---|---|
|  |   |          | where tourm. content high                         |            |          |    |                    |   |   |   |   |
|  |   |          |   |            |          |    |                    |   |   |   |   |
|  |   |          | Feldspar 65-70% Tourm. 0.5%                       | .5 tr      |          |    |                    |   |   |   |   |
|  |   |          | Quartz 25% Garnet 0.1%                            |            |          |    |                    |   |   |   |   |
|  |   |          | Muscovite 5%                                      |            |          |    |                    |   |   |   |   |
|  | ļ   |          |   |            | -        |    |                    |   | ļ |   |   |
| ······································ |   |          | N.B. tourm. is med. gr. (up to .5 cm) from        |            | ļ        |    |                    |   |   | ļ | ļ |
|  |   |          | 20.90 to 21.70 m                                  |            | <u> </u> |    |                    | · |   |   |   |
| 73.2                                   | 80.8  | 7.6      | Equigranular unit with abundant poorly developed  |            |          |    |                    |   |   |   |   |
|  |   | 100%     | graphic granite                                   |            |          |    |                    |   |   |   |   |
|  |   |          | -minor quartz-musc. rock                          |            |          |    |                    |   |   |   |   |
|  |   |          | -mainly med. grained                              |            |          |    |                    |   |   |   |   |
|  |   |          | -tourm. and garnet locally concentrated           |            |          |    |                    |   |   |   |   |
|  |   |          | -top 2.5 m greyish-white - rest of unit yellowish |            | ļ        |    |                    |   |   | ļ |   |
|  |   |          | brown to reddish brown with heavy Fe stain and    |            | ļ        |    |                    |   |   |   |   |
|  |   | _        | yellow green alteration of feldspar               |            |          |    |                    |   |   |   |   |
|  | -75.9 - 76.2 m dark green unit with abundant po., |          | -75.9 - 76.2 m dark green unit with abundant po., |            |          |    |                    |   |   |   |   |
|  |   |          | tourm. and garnet                                 |            |          |    |                    |   |   |   |   |
|  |   |          | -dark olive green alteration of feldspars         |            |          |    |                    |   |   |   |   |
|  |   |          |   |            |          |    |                    |   |   |   |   |

| PROPERTY | HOLE No |
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|         | DIP TEST     |           |  |  |  |  |  |
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|         | An           | gle       |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |
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| 86-1 Sheet No | Lat          | Total Depth |
|---------------|--------------|-------------|
| Section       |              | Logged By   |
|               |              | Claim       |
| Date Finished | Elev. Collar | Core Size   |
| Date Logged   |              |             |

| DE!  | TO TO | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM | то       | WIDTH<br>OF SAMPLE |          |       |  |
|------|-------|----------|---|------------|------|----------|--------------------|----------|-------|--|
|      |       |          | Feldspar 50% Tourm. 0.50%                       | tr. 0.5    |      |          |                    |          |       |  |
|      |       | ·        | Quartz 40% Garnet 0.25%                         |            |      |          |                    |          |       |  |
|      |       |          | Muscovite 6-8% Pyrrhotite Tr.                   |            |      |          |                    |          |       |  |
|      |       |          |   |            |      |          |                    |          |       |  |
| 80.8 | 85.3  | 4.4      | Micrographic granite to feldspar block          |            |      |          |                    |          |       |  |
|      |       | 97.8%    | -some med. gr. graphic and equigranular         |            |      |          |                    |          |       |  |
|      |       |          | -short intervals of monomineralic feldspar      |            |      | <u> </u> |                    |          |       |  |
|      |       |          | -minor v. coarse musc.                          |            |      |          |                    |          |       |  |
|      |       |          | -unit mostly light brown stained by Fe          | ļ          |      |          |                    |          |       |  |
|      |       |          |   |            | ļ    |          |                    |          |       |  |
|      |       |          | Feldspar 85% Tourm. Negligible                  |            |      |          |                    | <u> </u> |       |  |
|      |       |          | Quartz 10% Muscovite 3-5%                       |            |      |          |                    |          | · · · |  |
|      |       |          |   |            | ļ    |          |                    |          |       |  |
| 35.3 | 93.6  |          | Equigranular unit - fine-med. grained           |            |      |          |                    |          |       |  |
|      |       | 98.8%    | -minor aplite                                   |            |      |          |                    |          |       |  |
|      |       |          | -abundant fine gr. musc.                        |            | ļ    |          |                    |          |       |  |
|      |       |          | -unit dark grey to reddish brown due to tourm.  |            |      |          |                    |          |       |  |
|      |       |          | and Fe stains. Abundant yellow-green alteration |            |      |          |                    |          |       |  |
|      |       |          | of feldspars                                    |            |      |          |                    |          |       |  |
|      |       |          | -minor graphic textures                         |            |      |          |                    |          |       |  |
|      |       |          | -short intervals coarse quartz or musc.         |            |      |          |                    |          |       |  |

DDH 86-1

| PROPERTY | HOLE No |
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|           | DIP TEST |           |                           |              |             |
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| Footage . | Reading  | Corrected | Hole No. 86-1 Sheet No. 8 | Lot          | Total Depth |
|           | <u> </u> |           | Section                   | Dep          | Logged By   |
|           |          |           | Date Begun                | Bearing      | Claim       |
|           |          |           | Date Finished             | Elev. Collar | Core Size   |
|           |          |           | Date Logged               |              |             |

| DEF<br>FROM | TH<br>TO | RECOVERY |  |             | DESCR  | RIPTION                               | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |      |          |  |
|-------------|----------|----------|--|-------------|--------|---------------------------------------|------------|----------|----|--------------------|------|----------|--|
|             |          |          | Feldspar (                             | 60%         | Tourm. | 0.5%                                  | .5 0       |          |    |                    |      |          |  |
|             |          |          | Quartz :                               | 30%         | Garnet | Tr.                                   |            |          |    | ·                  |      |          |  |
|             |          |          | Muscovite                              | 8%          |        |                                       |            |          |    |                    |      |          |  |
|             |          |          |  |             | ·      |                                       |            |          |    |                    |      |          |  |
|             |          |          | E.O.H.                                 | <del></del> |        |                                       |            |          |    |                    | <br> |          |  |
|             |          |          | · · · · · · · · · · · · · · · · · · ·  |             |        |                                       |            | ļ        |    |                    |      |          |  |
|             |          |          |  |             |        |                                       |            |          |    |                    | <br> |          |  |
|             |          |          |  |             | ····   |                                       |            | ļ        |    |                    |      |          |  |
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|             |          |          |  |             |        |                                       |            |          |    |                    |      |          |  |
|             |          |          |  |             |        |                                       |            | ļ        |    |                    |      |          |  |
|             |          |          |  | · · · · ·   | ·.     |                                       |            | ļ        |    |                    |      | <u> </u> |  |
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|             |          |          | · · · · · · · · · · · · · · · · · · ·  |             |        |                                       |            |          |    |                    |      |          |  |
|             |          |          |  |             |        |                                       |            | ļ        |    |                    |      |          |  |
|             |          |          |  |             |        |                                       |            |          |    |                    |      |          |  |
|             |          |          |  |             |        |                                       |            |          |    |                    |      |          |  |
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|             |          |          |  |             |        |                                       |            | <b>_</b> |    |                    |      |          |  |
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|             |          |          |  |             |        |                                       |            |          |    |                    |      |          |  |

| PROPERTY HELLROARING CREEK | 3' of stand pipe. | HOLE No. DDH 86-2 |
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|         | DIP TEST |           |                      |                    |                    |
|---------|----------|-----------|----------------------|--------------------|--------------------|
|         | An       | gle       | 86-2                 |                    | Total Depth 34.4 m |
| Footage | Reading  | Corrected | Hole No Sheet No     | Lat.               |                    |
|         |          |           | Section BO+10S/0+25W | Dep                | Logged By B.W.     |
|         |          |           |                      | Bearing -6000.1150 | Claim              |
|         | <u> </u> |           |                      | Elev. Collar       | Core Size 3.5 cm.  |
|         | 1        | l         | Date Logged          |                    |                    |

| DEF | TH<br>TO | RECOVERY | DESCRIPTION                                   | SAMPLE No.         |          | TO OF SAMPLE |  |      |   |  |
|-----|----------|----------|---|--------------------|----------|--------------|--|------|---|--|
| 0.0 |          | 6.8      | Equigranular unit - med. grained with common  | 100RM %<br>v.ff. m | - C      |              |  |      |   |  |
|     |          | 85%      | poorly developed graphic granite.             |                    | <u> </u> |              |  | 1    |   |  |
|     |          |          | - qtz. musc. rock common.                     |                    |          |              |  |      |   |  |
|     |          |          | - unit mostly greyish white with common light |                    |          |              |  |      |   |  |
|     |          |          | brown Fe stain.                               |                    |          |              |  |      |   |  |
|     |          |          | Feldspar 60% Tourm,- trace                    | tr. 0              |          |              |  |      |   |  |
|     |          |          | Qtz. 30% Py - trace                           | 1                  |          |              |  |      |   |  |
|     |          |          | Musc. 10%                                     |                    |          |              |  |      |   |  |
| 8.0 | 12.4     | 4.3      | Graphic granite - med. grained, moderately to |                    |          |              |  |      |   |  |
|     |          | 97.7%    | well developed.                               |                    |          |              |  |      |   |  |
|     |          |          | - common short intervals equigranular         |                    |          |              |  |      |   |  |
|     |          |          | - unit greyish white with minor light brown   |                    |          |              |  |      | , |  |
|     |          |          | Fe stains.                                    |                    |          |              |  |      |   |  |
|     |          | -        | Feldspar 70% Tourm, - trace                   | tr. 0              |          |              |  |      |   |  |
|     |          |          | Qtz. 25% Pyrite - trace                       |                    |          |              |  |      |   |  |
|     |          |          | Musc. 2-4%                                    |                    |          |              |  |      |   |  |
|     |          |          |   |                    |          | ļ            |  | <br> |   |  |
|     |          |          |   |                    |          |              |  |      |   |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|          |             |       |

| HOLE | Ne.  | DDH 86-2 |
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|      | 170. |          |

|         | DIP TEST |           |  |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|--|
|         | An       | gle       |  |  |  |  |  |  |  |  |
| Footage |          | Corrected |  |  |  |  |  |  |  |  |
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|         |          |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |

| Hole No. 86-2 Sheet No. 2 Section |              | Total Depth |
|-----------------------------------|--------------|-------------|
| Date Begun                        | Bearing      | Claim       |
| Date Finished                     | Elev. Collar | Core Size   |

| TO TO                     | RECOVERY | DESCRIPTION                                     | SAMPLE No.  | FROM  | то  | WIDTH<br>OF SAMPLE  |  |   |   |  |
|---------------------------|----------|---|---|---|---|---|--|---|---|--|
| 2.4 19.9 6.7 Equigranular |          | Equigranular unit - fine to med. gr.            |   |   |   |   |  |   |   |  |
|                           | 89.3%    | - common short intervals poorly developed       |   |   |   |   |  |   | ,   |  |
|                           |          | graphic granite                                 |   |   |   |   |  |   |   |  |
|                           |          | 15.6 - 16.1 - short v. course to block qtz. &   |   |   |   |   |  |   |   |  |
|                           |          | feldspar.                                       |   |   |   |   |  |   |   |  |
|                           |          | - unit light to dark brown or greyish white due |   |   |   |   |  |   |   |  |
|                           |          | to common Fe stain.                             |   |   |   |   |  |   |   |  |
|                           |          | - minor light green alteration of feldspars.    |   |   |   |   |  |   |   |  |
|                           |          | 15.1 - 15.3 - v. rubbly recovery.               |   |   |   |   |  |   |   |  |
|                           |          |   |   |   |   |   |  |   |   |  |
|                           |          | Feldspar 65% Tourm - trace                      | tr.   |   |   |   |  |   |   |  |
|                           |          | Qtz. 30%  |   |   | . <u> </u>  |   |  |   | <u> </u>  |  |
|                           |          | Musc. 5%  |   |   |   |   |  |   |   |  |
| <b>_</b>                  |          |   |   | <u> </u>  |   |   |  |   | /   |  |
| 20.2                      |          | - 30 cm cave noted during drilling              |   |   |   |   |  |   |   |  |
|                           |          | recovery in area v. good - not rubbly but       |   |   |   |   |  |   |   |  |
|                           |          | rounded ends of concentrations.                 |   |   |   | ·   |  |   |   |  |
|                           |          |   |   |   |   |   |  |   |   |  |
|                           |          |   |   |   |   |   |  |   |   |  |
|                           |          |   |   |   |   |   |  |   |   |  |
|                           |          |   |   |   |   |   |  |   |   |  |
|                           | 19.9     | 19.9 6.7<br>89.3%                               | 19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar.  - unit light to dark brown or greyish white due to common Fe stain.  - minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace Qtz. 30% Musc. 5%  .  20.2 - 30 cm cave noted during drilling recovery in area v. good - not rubbly but | TO RECOVERY  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar unit light to dark brown or greyish white due to common Fe stain minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace tr. Qtz. 30% Musc. 5%  20.2 - 30 cm cave noted during drilling recovery in area v. good - not rubbly but | TO RECOVERY  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar unit light to dark brown or greyish white due to common Fe stain minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace tr. Qtz. 30% Musc. 5%  Musc. 5%  20.2 - 30 cm cave noted during drilling recovery in area v. good - not rubbly but | TO RECOVERY DESCRIPTION SAMPLE No. FROM TO  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar.  - unit light to dark brown or greyish white due to common Fe stain.  - minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace tr.  Qtz. 30% Musc. 5%  Musc. 5%  20.2 - 30 cm cave noted during drilling recovery in area v. good - not rubbly but | TO RECOVERY DESCRIPTION  SAMPLE N. FROM TO OF SAMPLE  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar unit light to dark brown or greyish white due to common Fe stain minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace tr. Qtz. 30% Musc. 5%  Musc. 5%  20.2 - 30 cm cave noted during drilling recovery in area v. good - not rubbly but | TO RECOVERY DESCRIPTION SAMPLE FROM TO OF SAMPLE  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar unit light to dark brown or greyish white due to common Fe stain minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace tr. Qtz. 30% Musc. 5%  Musc. 5%  - 30 cm cave noted during drilling recovery in area v. good - not rubbly but | TO RECOVERY BOSCHIPTION SAMPLE NO TO OF SAMPLE  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & | TO RECOVERY DESCRIPTION  19.9 6.7 Equigranular unit - fine to med. gr.  89.3% - common short intervals poorly developed graphic granite  15.6 - 16.1 - short v. course to block qtz. & feldspar.  - unit light to dark brown or greyish white due to common Fe stain minor light green alteration of feldspars.  15.1 - 15.3 - v. rubbly recovery.  Feldspar 65% Tourm - trace tr. Qtz. 30% Musc. 5%  - 30 cm cave noted during drilling recovery in area v. good - not rubbly but |

| PROPERTY_ | HELLROARING | CREEK |
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Date Logged\_

| HOLE | A.  | DDH | 86-2 |  |
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| HULE | Me. |     |      |  |

|         | DIP TEST |           |  |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |  |
|         | l        |           |  |  |  |  |  |  |  |  |
|         | ļ        |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
|         | ļ        |           |  |  |  |  |  |  |  |  |
|         | ļ        |           |  |  |  |  |  |  |  |  |
|         | l        |           |  |  |  |  |  |  |  |  |

| Lat          | Total Depth |
|--------------|-------------|
| Dep          | Logged By   |
| Bearing      | Claim       |
| Elev. Collar | Core Size   |
|              | Dep         |

| DEF  | RECOVERY | DESCRIPTION                                     | SAMPLE No.   | FROM         | то       | WIDTH<br>OF SAMPLE |      |   |  |
|------|----------|---|--------------|--------------|----------|--------------------|------|---|--|
| 20.3 | <br>14.2 | Equigranular unit - fine to med. gr. with short |              |              |          | OT SAMILEE         |      |   |  |
|      | 100%     | intervals of poor developed graphic             |              |              |          |                    |      |   |  |
|      |          | - often approaching aplitic.                    |              |              |          |                    |      |   |  |
|      |          | granite - minor qtz. musc. rock.                |              |              |          |                    |      |   |  |
|      |          | - differs from unit above by abundance of       |              |              |          |                    |      |   |  |
|      |          | tourm.  |              |              | ļ        |                    |      |   |  |
|      |          | - tourm dissemination throughout as fine gr.    |              | ļ            |          |                    |      |   |  |
|      | <br>     | crystals - garnet in minor amounts locally      |              | <u> </u>     |          |                    |      |   |  |
|      |          | concentrated.                                   |              | <del> </del> |          |                    |      |   |  |
|      |          | 25.0 - 29.3 zone without tourm; only a trace.   |              |              |          |                    | <br> |   |  |
|      |          | - unit mostly dark grey (due to tourm content)  |              | <u> </u>     |          |                    | <br> |   |  |
|      |          | to dark brown due to Fe stain.                  |              | ļ            |          |                    | <br> |   |  |
|      | <br>     | - intervals of greyish white common but short   |              | ļ            | ļ        |                    |      | / |  |
|      |          | 22.80, 24.7, 30.7-2cm thick qtz. veins          |              | ļ            | <u> </u> |                    | <br> | / |  |
|      |          | with/py. garnet both above and below.           |              | ļ            | ļ        | <u> </u>           | <br> |   |  |
|      | <br>     |   | <u> </u>     | ļ            |          |                    |      |   |  |
|      |          | Feldspar 65% Tourm 3-4%                         | 3-4 0        |              |          | <u> </u>           |      |   |  |
|      | <br>     | Qtz. 25% Garnet 0.1-0.2                         | <del> </del> | <del> </del> | ļ        |                    | <br> |   |  |
|      |          | Musc. 5% Sulfides - trace                       |              | <del> </del> |          |                    |      |   |  |
|      |          |   |              | -            |          |                    |      |   |  |
|      |          | E.O.H.  |              |              | <u></u>  | <u> </u>           |      |   |  |

# DIAMOND DE L RECORD 3' Stand Pipe

PROPERTY HELLROARING CREEK

HOLE No. DDH 86-3

| DIP TEST |                  |  |  |  |  |  |
|----------|------------------|--|--|--|--|--|
|          | Angle            |  |  |  |  |  |
| Footage  | Reading Corrects |  |  |  |  |  |
|          | <u> </u>         |  |  |  |  |  |
|          |                  |  |  |  |  |  |
|          | <del> </del>     |  |  |  |  |  |
|          |                  |  |  |  |  |  |

| Hole No. 86-3 Sheet No. 1 | Lat                   | Total Depth | 113.73 m  |
|---------------------------|-----------------------|-------------|-----------|
| Section B 0+25N/0+25W     |                       | · ·         | B.W.      |
| Date Begun                | Dep                   | •••         |           |
| Date Finished             | Elev. Collar 1621.5 m | Core Size   | 3.5 cm BQ |
| Date Logged               | <u>.</u>              |             |           |

| DE! | TO  | RECOVERY | DESCRIPTION                                      | SAMPLE No.        |          | то       | WIDTH<br>OF SAMPLE |   |          |          |   |
|-----|-----|----------|--|-------------------|----------|----------|--------------------|---|----------|----------|---|
| 0.0 | 7.0 | 6.0      | Equigranular unit - with common interval of      | TOURM %<br>v.ff m | c        |          |                    |   |          |          |   |
|     |     | 85.7%    | poorly to moderate developed graphic granite     |                   |          |          |                    |   |          |          |   |
| ļ   |     |          | - fine to med. grained                           |                   |          |          |                    |   |          |          |   |
|     |     |          | - short aplitic intervals                        |                   |          |          |                    |   |          | ,        |   |
|     |     |          | - tourm disseminated as v. fine gr. crystals     |                   |          |          |                    |   |          |          |   |
|     |     |          | - unit alternates between greyish white and      |                   |          |          |                    |   |          |          | · |
|     |     |          | light brown due to common Fe staining.           |                   |          |          |                    |   |          |          |   |
|     |     |          |  | -                 | ļ        |          |                    | P- 14-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | <u> </u> | ļ        |   |
|     |     |          | Feldspar 70% Tourm 0.5%                          | .5 0              |          | <u> </u> | ļ                  |   | <u> </u> | <u> </u> |   |
|     |     |          | Qtz. 25% Garnet trace                            |                   | <u> </u> |          |                    |   |          |          |   |
|     |     |          | Musc. 5%   |                   | <u> </u> |          |                    |   |          |          |   |
| 7.0 | 8.3 | 1.3      | Feldspar unit - fine to med. grained monomineral | ic                |          |          |                    |   |          |          |   |
|     |     | . 100%   | feldspar.  |                   |          |          |                    | <u> </u>                                  |          | ,        |   |
|     |     |          | - unit mostly grey with Fe stained brown at top  |                   |          |          |                    |   |          |          |   |
|     |     |          | and bottom.                                      |                   |          |          |                    |   |          |          |   |
|     |     | -        |  |                   |          |          | ·                  |   |          | }        |   |
|     |     |          | Feldspar 95%                                     |                   |          |          |                    |   |          |          |   |
|     |     |          | Qtz. 2%  |                   |          |          |                    |   |          |          |   |
|     |     |          | Musc. 3%   |                   |          |          |                    |   |          |          |   |
|     |     |          |  |                   |          |          |                    |   |          |          |   |

| PROPERTY | HELLROARING | CREEK |
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| HOLE No. DDH 86-3 |
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|         | DIP TEST                              |           |  |  |  |
|---------|---------------------------------------|-----------|--|--|--|
|         | Angle                                 |           |  |  |  |
| Footage | Reading                               | Corrected |  |  |  |
|         |                                       |           |  |  |  |
|         | · · · · · · · · · · · · · · · · · · · |           |  |  |  |
|         |                                       |           |  |  |  |
|         |                                       |           |  |  |  |
|         |                                       |           |  |  |  |

| Hole No. 86-3 Sheet No. 2 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| FROM | TO   | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то       | WIDTH<br>OF SAMPLE |              |   |  |
|------|------|----------|---|------------|------|----------|--------------------|--------------|---|--|
|      | 19.2 | 10.9     | Equigranular unit - fine - med. grained   |            |      |          |                    |              |   |  |
|      |      | 100%     | - often poorly developed graphic granite  |            |      |          |                    |              |   |  |
|      |      |          | - tourm disseminated throughout in minor amounts                                      |            |      |          |                    |              |   |  |
|      |      |          | as v. fine gr locally concentrated to 5-10%   |            |      |          |                    |              |   |  |
|      |      |          | <ul> <li>unit half greyish - white and half light brown<br/>stained by Fe.</li> </ul> |            |      |          |                    |              |   |  |
|      |      |          | - becoming coarse gr. to coarse graphic granite at bottom 1 m.                        |            |      |          |                    |              |   |  |
|      |      |          | at pottom i m.  |            |      |          |                    |              |   |  |
|      |      |          | Feldspar 65% Tourm. (variable) 1-2%   | 1-2 0      |      |          |                    |              |   |  |
|      |      |          | Qtz. 30% Garnet trace   |            |      |          |                    |              |   |  |
|      |      | ·        | Musc. 5%  |            |      |          |                    |              |   |  |
| 19.2 | 24.3 | . 5.1    | Block zone - coarse to very coarse grained often                                      |            |      |          |                    |              | , |  |
|      |      | 100%     | coarse graphic granite - short monomineralic  |            |      | <u> </u> |                    |              |   |  |
|      |      |          | intervals feldspar-qtz. to 20 cm.   |            | ļ    | ļ        |                    |              | ļ |  |
|      |      |          | - unit alternates between greyish - white and   |            |      |          |                    | <br><u> </u> |   |  |
|      |      |          | light brown from Fe stain.  |            |      |          |                    | <u> </u>     |   |  |
|      |      |          | Feldspar 65% Tourm. trace   | tr. tr.    |      |          |                    | ·            |   |  |
|      |      |          | Qtz. 30% Garnet trace   |            |      |          |                    | <br>         |   |  |
|      |      |          | Musc. 5%  |            |      |          |                    |              |   |  |

| PROPERTY | HELLROARING | CREEK |
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HOLE No. DDH 86-3

| DIP TEST |              |           |  |  |  |  |  |  |
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|          | Angle        |           |  |  |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |
|          | <del> </del> |           |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |

| Hole No. 86-3 Sheet No. 3 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| FROM     | TO  | RECOVERY        | DESCRIPTION                                      | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |   |  |
|----------|---|-----------------|--|------------|------|----|--------------------|---|---|--|
| 24.3 26. |   | 1.8             | Graphic granite - mainly med. grained moderately |            |      |    |                    |   |   |  |
|          |   | 100% developed. |  |            |      |    |                    |   |   |  |
|          |   |                 | - mainly greyish-white with minor Fe staining.   |            |      |    |                    |   | , |  |
|          |   |                 | Feldspar 75% Tourm, trace                        | tr.        |      |    |                    |   |   |  |
|          |   |                 | Qtz. 20%   |            |      |    |                    |   |   |  |
|          |   |                 | Musc. 2-4%                                       |            |      |    |                    |   |   |  |
| 26.1     | 33.1  | 6.75            | Equigranular unit - fine to med. grained - short |            |      |    |                    |   |   |  |
|          | 96.4% intervals of poorly developed graphic granite |                 |  |            |      |    |                    |   |   |  |
|          |   |                 | minor aplite.                                    |            |      |    |                    |   |   |  |
|          |   |                 | - tourm disseminated as v. fine grained needles  |            |      |    |                    |   |   |  |
|          |   |                 | locally concentrated                             |            |      |    |                    |   |   |  |
|          |   |                 | unit dark grey due to high qtz. content with     |            |      |    |                    |   | , |  |
|          |   |                 | minor Fe staining.                               |            |      |    |                    |   |   |  |
|          | Feldspar 60% Tourm. 1-2%                            |                 | 1-2 0  |            |      |    |                    |   |   |  |
|          |   |                 | Qtz. 30% Garnet trace                            |            |      |    |                    |   |   |  |
|          |   |                 | Musc. 5-7%                                       |            |      |    |                    |   |   |  |
|          |   |                 |  |            |      |    |                    | 1 |   |  |
|          |   |                 |  |            |      |    |                    |   |   |  |

| PROPERTY. | <u>HELLROARING</u> | CREEK |
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| HOLE No. | DDH 86-3 |
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| 1 |         | DIP TEST    |           |                           |              |       |
|---|---------|-------------|-----------|---------------------------|--------------|-------|
|   |         | Ar          | ngle      | 00.0                      |              |       |
|   | Footage | Reading     | Corrected | Hole No. 86-3 Sheet No. 4 | Lat          | Total |
|   |         | <del></del> |           | Section                   | Dep          | Logg  |
|   |         |             |           | Date Begun                | Bearing      | Clai  |
|   |         |             |           | Date Finished             | Elev. Collar | Core  |
| Ł |         | J           | L         | Date Logged               |              |       |

| DEF  |      | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |          |  |
|------|------|----------|--|------------|------|----|--------------------|--|----------|--|
| 33.1 | 45.7 | 12.6     | Graphic granite - med. grained moderately to poo | r1y        |      |    |                    |  |          |  |
|      |      | 100%     | developed - minor equigranular textures.         |            |      |    |                    |  |          |  |
|      |      |          | - tourm disseminated throughout in minor amounts |            |      |    |                    |  |          |  |
|      |      |          | as v. fine grained needles.                      |            |      |    |                    |  |          |  |
|      |      |          | - unit greyish-white with common light brown Fe  |            |      |    |                    |  | ,        |  |
|      |      |          | staining.  |            |      |    |                    |  |          |  |
|      |      |          | - 35.4 - 35.5 qtz. vein alters feldspar yellow-  |            |      |    |                    |  |          |  |
|      |      |          | green 30 cm above and 50 cm below                |            |      |    |                    |  |          |  |
|      |      |          | - minor short intervals monomineralic feldspar.  |            |      |    |                    |  |          |  |
|      |      |          | · ·  |            |      |    |                    |  |          |  |
|      |      |          | Feldspar 70% Tourm 0.25 - 0.5%                   | .255       |      |    |                    |  |          |  |
|      |      |          | Qtz. 25% Garnet trace                            |            |      |    |                    |  |          |  |
|      |      |          | Musc. 3% Pyrite trace                            |            |      |    |                    |  |          |  |
|      |      |          |  |            |      |    |                    |  | /        |  |
|      |      |          |  |            |      |    |                    |  | <u> </u> |  |
|      |      |          |  |            |      |    |                    |  |          |  |
|      |      | 1        |  |            |      |    | ·                  |  |          |  |
|      |      |          |  |            |      |    |                    |  |          |  |
|      |      |          |  |            |      |    |                    |  |          |  |
|      |      |          |  |            |      |    |                    |  |          |  |
|      |      |          |  |            |      |    |                    |  |          |  |
|      |      |          |  |            |      |    |                    |  |          |  |

| PROPERTY | HELLROARING CREEK | HOLE NDDH 86-3 |
|----------|-------------------|----------------|
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|                                       | DIP TEST     |     |  |  |  |  |
|---------------------------------------|--------------|-----|--|--|--|--|
|                                       | An           | gle |  |  |  |  |
| Footage                               |              |     |  |  |  |  |
|                                       |              |     |  |  |  |  |
|                                       |              |     |  |  |  |  |
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|                                       |              |     |  |  |  |  |

| Hole No. 86-3 Sheet No. 5 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE F | TH<br>TO | RECOVERY | DESCRIPTION |                               |              |                | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |  |     |  |
|------|----------|----------|-------------|-------------------------------|--------------|----------------|------------|----------|----|--------------------|--|-----|--|
| 45.7 | 61.4     | 15.7     | Equigranula | ar to graphi                  | c granite -  | alternates     |            |          |    |                    |  |     |  |
|      |          | 100%     | between the | two texture                   | es           |                |            |          |    |                    |  |     |  |
|      |          |          | - mainly me | ed. grained                   |              |                |            |          |    |                    |  |     |  |
|      |          |          | - short mor | nomineralic                   | to coarse fe | ldspar interva | s          |          |    |                    |  |     |  |
|      |          |          | - tourm dis | seminated t                   | hroughout as | v. fine        |            |          |    |                    |  |     |  |
|      |          |          | grained r   | needles - lo                  | cally v. abu | ndant          |            |          |    |                    |  |     |  |
|      |          |          | - unit mair | nly greyish-                  | white with c | ommon light    |            |          |    |                    |  |     |  |
|      |          |          |             | staining -                    |              |                |            |          |    |                    |  |     |  |
|      |          |          |             | prevalent near bottom of unit |              |                |            |          |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  |     |  |
|      |          |          | Feldspar    | 70%                           | Tourm.       | 0.5%           | .5 (       |          |    |                    |  |     |  |
|      |          |          | Qtz.        | 25-30%                        | Garnet       | trace          |            | ļ        |    |                    |  |     |  |
|      |          |          | Musc.       | 3-5%                          |              |                |            | <u> </u> |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  | , 1 |  |
|      |          |          |             |                               |              |                |            | <u> </u> |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  |     |  |
|      |          | -        |             |                               |              |                |            |          |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  |     |  |
|      |          |          |             |                               |              |                |            |          |    |                    |  |     |  |

| PROPERTY | HELLROARING CREEK |  |
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| DIP TEST |              |     |  |  |  |  |
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|          | An           | gie |  |  |  |  |
| Footage  |              |     |  |  |  |  |
|          |              |     |  |  |  |  |
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| Hole No. 86-3 Sheet No. 6 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Looged               |              |             |

| DEF<br>FROM | TO   | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |                                       |              |              |  |
|-------------|------|----------|---|------------|----------|----|--------------------|---------------------------------------|--------------|--------------|--|
| 61.4        | 66.8 | 5.4      | Equigranular unit - fine - med. grained                                       |            |          |    |                    |                                       |              |              |  |
|             |      | 100%     | - minor graphic intervals   |            |          |    |                    |                                       |              |              |  |
|             |      |          | - tourm present both as v. fine gr. needles and m                             | ed.        |          |    |                    |                                       |              |              |  |
|             |      |          | gr. crystals  |            |          |    |                    |                                       |              |              |  |
|             |      |          | <ul> <li>garnet dissemination throughout and mostly alte</li> </ul>           | red        |          |    |                    |                                       |              |              | <u> </u>   |
|             |      |          | and pitted  |            |          |    |                    |                                       | <del> </del> | <del> </del> |  |
|             |      |          | <ul> <li>units grey to dark grey with common dark Fe<br/>staining.</li> </ul> |            |          |    |                    | · · · · · · · · · · · · · · · · · · · |              |              |  |
|             |      |          |   |            |          |    |                    |                                       |              |              |  |
|             |      |          | Feldspar 65% Tourm 0.5 - 1%   | .5 .5      | <b>X</b> |    |                    |                                       |              | ′            |  |
|             |      |          | Qtz. 25-30% Garnet 0.25%  |            |          |    |                    |                                       |              |              |  |
|             |      |          | Musc. 7-8%  |            |          |    |                    |                                       |              |              |  |
| 66.8        | 67.8 | 1.0      | Błock zone – v. coarse grained  |            |          |    |                    |                                       |              |              |  |
|             |      | 100%     | - gtz. blocks to 35 cm  |            |          |    |                    |                                       |              |              | ļ  |
|             |      |          | - unit dark grey due to qtz content with                                      |            |          |    |                    |                                       |              |              |  |
|             |      |          | v. minor Fe stain   |            |          |    |                    |                                       | <b>_</b>     | <b></b>      | <u> </u>   |
|             |      |          |   |            | <b></b>  |    |                    |                                       |              | <b></b>      | <del>                                     </del> |
|             |      |          | Feldspar 18%  |            |          |    |                    |                                       | _            | <del> </del> |  |
|             |      |          | Qtz. 80%  |            |          |    |                    |                                       | <b></b>      |              | ļ  |
|             |      |          | Musc. 2%  |            |          |    |                    |                                       | <u></u>      | <u> </u>     |  |

| PROPERTY                              | HELLROARING | CREEK |
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| HOLI | ΕN  | la | 86-3                                   |
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| DIP TEST |              |             |  |  |  |  |
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|          | An           | gie         |  |  |  |  |
| Footage  |              |             |  |  |  |  |
|          |              |             |  |  |  |  |
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|          | ļ            |             |  |  |  |  |
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| Hole No. 86-3 Sheet No. 7 | Lot          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEP<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                               | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |                                       |            |          |         |
|-------------|----------|----------|---|------------|------|----|--------------------|---------------------------------------|------------|----------|---------|
| 67.8        | 76.6     | 8.6      | Equigranular unit - mainly med. grained - |            |      |    |                    |                                       |            |          |         |
|             |          | 97.7%    | minor aplite - qtz. rich - abundant qtz   |            |      |    |                    |                                       |            |          |         |
|             |          |          | musc. rock.                               |            |      |    |                    |                                       |            |          |         |
|             |          |          | - tourm and garnet dissemminated througho | ut         |      |    |                    |                                       |            |          |         |
|             |          |          | garnet often altered and deeply weather   | ed         | ļ    |    |                    |                                       |            |          |         |
|             |          |          | unit mostly dark grey due to high qtz.    | <u> </u>   |      |    |                    | · · · · · · · · · · · · · · · · · · · |            |          |         |
|             |          |          | content and common Fe stain.              |            |      |    |                    |                                       |            |          |         |
|             |          |          | Feldspar 40-50% Tourm 1-2%                | 1-2 0      |      |    |                    |                                       |            |          |         |
|             |          |          | Qtz. 40-50% Garnet 0.25%                  |            |      |    |                    |                                       |            |          |         |
|             |          |          | Musc. 10%                                 |            |      |    |                    |                                       |            | ′        |         |
|             |          |          |   |            | ·    |    |                    |                                       |            | <b> </b> |         |
|             |          |          | 71.0-71.30 - shear zone - with altered    |            |      |    |                    |                                       |            |          |         |
|             |          |          | feldspars gouge and abundant autunite.    |            |      |    |                    |                                       |            |          |         |
|             |          |          |   |            |      |    |                    |                                       | ļ          | ļ        |         |
|             |          |          |   |            |      |    |                    |                                       | <b> </b> - |          |         |
|             |          |          |   |            |      |    | ·                  |                                       |            |          | <b></b> |
| -           |          |          |   |            |      |    |                    |                                       |            |          |         |
|             |          |          |   |            |      |    |                    |                                       | ļ          |          |         |
|             |          |          |   |            |      |    |                    |                                       |            |          |         |
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| PROPERTY | HELLROARING CREEK |
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|---------|-----------|
| Reading | Corrected |
|         |           |
|         |           |
|         |           |
|         | Reading   |

| Hole No. 86-3 Sheet No. 8 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEF  |      | RECOVERY | DESCRIPTION                                     | SAMPLE No | FROM     | то       | WIDTH<br>OF SAMPLE |              |          |          |
|------|------|----------|---|-----------|----------|----------|--------------------|--------------|----------|----------|
|      | 78.6 | 2.0      | Aplite - fine grained with abundant tourm and   |           |          |          |                    |              |          |          |
|      |      | 100%     | garnet  |           |          |          |                    |              |          |          |
|      |      |          | - unit dark grey due to tourm content           |           |          |          |                    |              |          |          |
|      |      |          | Feldspar 60% Tourm 5-10%                        | 5-10 (    |          |          |                    |              |          |          |
|      |      |          | Qtz. 25-30% Garnet 2-3 %                        |           | ļ        | <u> </u> |                    | <u> </u>     |          |          |
|      |      |          | Musc. 3% Pyrite trace                           |           |          |          |                    |              |          |          |
| 78.6 | 84.6 | 6.0      | Equigranular textured unit - med. to coarse     |           |          |          |                    |              |          |          |
|      |      | 100%     | grained - abundant qtz musc. rock               |           |          |          |                    |              |          |          |
|      |      |          | - minor poorly developed graphic granite        |           |          |          |                    |              |          |          |
|      |      |          | - v. fine grained tourm and garnet disseminated |           |          |          |                    |              |          |          |
|      |      |          | throughout but locally v. concentrated as fine  |           |          | <u> </u> |                    |              |          |          |
|      |      |          | grained.  |           |          |          |                    |              | ;        |          |
|      |      |          | - unit grey to greyish-white with minor Fe      |           | ļ        |          |                    |              |          |          |
|      |      |          | staining  |           | ļ        |          |                    |              |          | <u> </u> |
|      |      |          |   |           | ļ        |          |                    | <u> </u>     |          |          |
|      |      |          | Feldspar 60% Tourm 1-2%                         | 1-2       | <b>d</b> |          |                    |              |          |          |
|      |      |          | Qtz. 30% Garnet 0.1-0.2%                        |           |          |          |                    |              | <u> </u> |          |
|      |      |          | Musc. 10%                                       |           | <u> </u> | ļ        |                    | <br><u> </u> |          |          |
|      |      |          |   |           |          |          |                    |              |          |          |

| PROPERTY | HELLROARING CREEK |  |
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|         | DIP TEST     |           |  |  |
|---------|--------------|-----------|--|--|
|         | Angle        |           |  |  |
| Footage | Reading      | Corrected |  |  |
|         |              |           |  |  |
|         | <del> </del> |           |  |  |
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|         | <del> </del> |           |  |  |
|         | <u> </u>     |           |  |  |

| Hole No. 86-3 Sheet No. 9 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEF  | TH<br>TO | RECOVERY | DESCRIPTION                                 | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |              | ,        |           |
|------|----------|----------|---|------------|----------|----|--------------------|--------------|----------|-----------|
| 84.6 | 85.5     | 0.9      | Aplite - mainly fine grained with some med. |            |          |    |                    |              |          |           |
|      |          | 100%     | gr.   |            |          |    |                    |              |          |           |
|      |          | ·        | - abundant tourm and garnet                 |            |          |    |                    |              |          |           |
|      |          |          | - unit dark grey due to tourm content       |            |          |    |                    |              |          |           |
|      |          |          | Feldspar 60% Tourm 5 - 10%                  | 5-10 C     |          |    |                    |              |          |           |
|      |          |          | Qtz. 25% Garnet 2 - 3%                      |            |          |    |                    |              |          |           |
|      |          |          | Musc. 3-5%                                  |            |          |    |                    |              |          |           |
| 85.5 | 88.6     | 3.1      | Equigranular unit - mainly med. grained     |            |          |    |                    |              |          |           |
|      |          |          | - abundant qtz musc. rock - minor poorly    |            |          |    |                    | <br><u> </u> |          |           |
|      |          |          | developed graphic textures                  |            |          |    |                    | <br>         |          |           |
|      |          |          | - v. fine tourm dissemination but locally   |            | <u> </u> |    |                    | <br><b></b>  | ļ        |           |
|      |          |          | v. concentrated                             |            |          |    |                    | <br>ļ        | /        |           |
|      |          |          | - unit whitish-grey with minor Fe staining  |            | ·        |    | ļ                  |              |          |           |
|      |          | -        | Feldspar 65% Tourm 1-2%                     |            |          |    |                    |              |          |           |
|      |          |          | Qtz. 25% Garnet 0-1%                        |            |          |    |                    |              |          |           |
|      |          |          | Musc. 8-10%                                 |            |          |    |                    |              |          |           |
|      | _        |          |   |            |          |    |                    |              |          |           |
|      |          |          |   |            |          | L  | <u> </u>           | <br><u> </u> | <u> </u> | Ĺ <u></u> |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST |           |  |  |  |
|---------|----------|-----------|--|--|--|
|         | Angle    |           |  |  |  |
| Footage | Reading  | Corrected |  |  |  |
|         |          |           |  |  |  |
|         |          |           |  |  |  |
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|         |          |           |  |  |  |
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|         |          |           |  |  |  |

| Hole No. 86-3 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Onte Logged                |              |             |

| FROM | TO   | RECOVERY                                     | DESCRIPTION  | SAMPLE No. | FROM         | то       | WIDTH<br>OF SAMPLE |         |              |  |  |
|------|------|--|--|------------|--------------|----------|--------------------|---------|--------------|--|--|
| 88.6 | 90.9 | 90.9 Aplite - fine - med. grained - abundant |  |            |              |          |                    |         |              |  |  |
|      |      |  | tourm and garnet   |            |              |          |                    |         |              |  |  |
|      |      |  | - unit dark grey due to tourm content                          |            |              |          |                    |         | ļ            |  | ļ  |
|      |      |  |  |            |              |          |                    |         | ļ            |  | ļ  |
|      |      |  | Feldspar 65% Tourm 5-8%  | 5-8 0      |              |          | ļ                  |         |              |  |  |
|      |      |  | Qtz. 25% Garnet 2-3%   |            |              |          |                    |         |              | <u> </u>   |  |
|      |      |  | Musc. 5%   |            |              |          |                    |         | -            | ļ  |  |
| 00 0 | 00.5 | 0.6  |  |            |              |          |                    |         |              |  |  |
| 90.9 | 93.5 | 2.6<br>100%                                  | Equigranular - fine - med. grained - minor                     |            |              |          |                    |         | <b>†</b>     | <del> </del>                                     | <u> </u>   |
|      |      | 100%   | aplite   | <u> </u>   | <u> </u>     |          |                    | <b></b> | <del> </del> | <del>                                     </del> | <del> </del>                                     |
|      |      |  | <ul> <li>abundant tourm and garnet</li> </ul>                  |            |              |          |                    |         | <del> </del> | <u> </u>   | <del> </del>                                     |
|      |      |  | <ul> <li>unit grey to dark grey where tourm content</li> </ul> |            | <b> </b>     | ļ        |                    |         | <del> </del> | <del> </del>                                     | <del> </del>                                     |
|      |      |  | high   |            | ļ            |          |                    |         |              | -  | <del>                                     </del> |
|      |      |  |  |            | <u> </u>     |          |                    |         | <u> </u>     | <u> </u>   | ļ  |
|      |      |  | Feldspar 65% Tourm 2-3%  | 2 1        | <del> </del> | <u> </u> |                    |         | <del> </del> | <del> </del>                                     |  |
|      |      |  | Qtz. 30% Garnet 0-25 - 0.50                                    | <b>k</b>   | ļ            |          | <u> </u>           | ļ       | <del> </del> | -  | <b>_</b>   |
|      |      |  | Musc. 5%   |            |              |          |                    |         | <del> </del> | <del> </del>                                     |  |
|      |      |  |  |            |              |          | ļ                  |         | <del> </del> | <del> </del>                                     |  |
| 93.5 | 94.2 | 0.7  | Aplite - fine grained with abundant tourm and                  |            | <b> </b>     | <b>_</b> |                    |         | <del> </del> | <del> </del>                                     | <del> </del>                                     |
|      |      | 100%   | garnet   |            | ļ            |          |                    |         |              | <b></b> -  | <del>                                     </del> |
|      |      |  | - unit dark grey due to tourm content                          |            |              |          |                    |         |              | <u> </u>   | <u> </u>   |

| P       | ROPERTY    | · HE             | ELLROARING CREEK           | HOLE N       | DDH 86-3                                |
|---------|------------|------------------|----------------------------|--------------|---|
|         | DIP TEST   |                  |                            |              |   |
| Footage | Reading An | gle<br>Corrected | Hole No. 86-3 Sheet No. 11 | Lat          | Total Depth                             |
| 7001004 | Redding    | CONTECTED        | Section                    | Dep          | Logged By                               |
|         | <u> </u>   |                  |                            | •            | Claim                                   |
|         |            |                  | Date Begun                 | Bearing      | • |
|         | <u> </u>   |                  | Date Finished              | Elev. Collar | Core Size                               |
| <u></u> | A          | L                | Date Logged                |              |   |

| DEF<br>FROM | TH<br>TO | RECOVERY |          | DESC                                   | RIPTION                                |       | SAMPLE No.   | FROM | то       | WIDTH<br>OF SAMPLE |          |          |               |         |
|-------------|----------|----------|----------|--|--|-------|--------------|------|----------|--------------------|----------|----------|---------------|---------|
|             |          |          |          |  |  |       |              |      |          |                    |          |          |               |         |
|             |          |          | Feldspar | 60%                                    | Tourm                                  | 5-10% | 5-10 0       |      |          |                    |          |          |               |         |
|             |          |          | Qtz.     | 25%                                    | Garnet                                 | 23%   |              |      |          |                    |          |          |               |         |
|             |          |          | Musc.    | 5%                                     |  |       |              |      |          |                    |          |          |               |         |
|             | ·        |          |          |  | ······································ |       |              |      |          |                    |          |          |               |         |
|             |          |          |          | ······                                 | ************************************** |       |              |      |          |                    |          |          |               |         |
|             |          |          |          |  |  |       | <u> </u>     |      |          |                    |          |          |               |         |
|             |          |          |          |  |  |       |              |      |          |                    |          |          |               |         |
|             |          |          |          |  |  |       |              |      |          |                    |          | <u> </u> |               |         |
| <u> </u>    |          |          |          |  |  |       |              |      |          |                    |          |          |               |         |
|             |          |          |          |  |  |       |              |      |          |                    |          |          |               |         |
|             |          |          |          |  |  |       |              | ļ    |          |                    |          |          |               |         |
|             |          |          |          | <del> </del>                           |  |       |              |      |          |                    |          | ļ        |               | <b></b> |
| <b>  </b>   |          | ·        |          |  |  |       | <u> </u>     |      |          |                    |          |          | /             |         |
|             |          |          |          |  |  |       | <del> </del> |      |          |                    | ·        | ļ        |               | <b></b> |
|             |          | -        |          |  |  |       |              |      | <u> </u> |                    |          |          |               |         |
|             |          |          |          |  |  |       | <u> </u>     |      |          |                    |          |          | ļ <del></del> |         |
|             |          |          |          |  | · · · · · · · · · · · · · · · · · · ·  |       |              |      | <b> </b> |                    | <u> </u> |          |               |         |
|             |          |          |          | ······································ | <del></del>                            |       |              |      |          |                    |          |          | ,             |         |
|             |          |          |          |  |  |       | ļ            |      |          |                    |          |          |               |         |
|             |          |          |          |  |  |       | <u> </u>     |      | L        |                    |          |          |               |         |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
| PRUPERII | HELENOANTHU | CNEEN |

|         | DIP TEST |           |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |
|         | ļ        |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         | <b></b>  |           |  |  |  |  |  |  |

| Hole No. 86-3 Sheet No. 12 | 1 ot         | Total Depth |
|----------------------------|--------------|-------------|
|                            |              | Langed Bu   |
| Section                    | Dep.         | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              | ,           |

| PE       | TH   | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM         | то       | WIDTH<br>OF SAMPLE |              |              |              |              |
|----------|------|----------|---|------------|--------------|----------|--------------------|--------------|--------------|--------------|--------------|
| 94.2     | 107. | 13.2     | Equigranular unit - fine to med. grained        |            |              |          |                    |              |              |              |              |
|          |      | 100%     | short intervals of graphic or aplitic -         |            |              |          |                    |              |              |              |              |
|          |      |          | abundant v. fine grained tourm and garnet       |            |              |          |                    |              |              |              |              |
|          |      |          | - unit greyish white with minor Fe stain        |            |              |          |                    |              | ļ            |              |              |
|          |      |          |   |            |              |          |                    |              |              | ļ            |              |
|          |      |          | Feldspar 65% Tourm 1-3%                         | 1-3 0      |              |          |                    |              |              | ļ            |              |
|          |      |          | Qtz. 30% Garnet 0.25%                           |            | ļ            | ļ        |                    |              |              |              |              |
| <u> </u> |      |          | Musc. 5% Sulfides (py.asp.gt) t                 | race       | <u> </u>     |          |                    |              | ļ            |              |              |
|          |      |          |   |            | ļ            | <u> </u> | ļ                  |              | <del> </del> | ,            |              |
| 107.4    | 110. | 3.2      | Aplite - v. fine to fine grained - med. grained |            | <u> </u>     | ļ        | ļ                  |              |              |              | ļ            |
|          |      | 100%     | intervals at 0.3 and 0.5 m long                 |            | -            |          | ļ                  |              | -            |              |              |
|          |      |          | - abundant tourm and garnet                     |            | ļ            |          |                    | <b> </b>     | <u> </u>     |              |              |
|          |      |          | - dark grey due to tourm content                |            | <del> </del> | <b></b>  |                    |              |              | -            |              |
| ļ        |      |          |   |            | -            | ļ        |                    | ļ            | <del> </del> | <b> </b>     |              |
|          |      |          | Feldspar 65% Tourm 2-3%                         | 2-3 0      | <del> </del> |          |                    | <del> </del> |              |              |              |
|          |      |          | Qtz. 25% Garnet 2-3%                            |            | <u> </u>     |          |                    |              | <del> </del> |              | ļ            |
|          |      |          | Musc. 5% Pyrite trace                           |            | <u> </u>     |          |                    |              | <del> </del> |              |              |
| <u> </u> |      |          |   |            | <del> </del> |          | <del> </del>       |              |              |              | <del> </del> |
|          |      |          |   |            | <u> </u>     |          |                    |              |              | <del> </del> |              |
|          |      |          |   |            | <del> </del> |          |                    |              |              | <del> </del> | <del> </del> |
|          |      |          |   |            | <u> </u>     |          | <u> </u>           |              |              | <u> </u>     | <u></u>      |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|----------|-------------------|

|         | DIP TEST     |           |                            |
|---------|--------------|-----------|----------------------------|
|         | An           | gle       | 00.0                       |
| Footage | Reading      | Corrected | Hole No. 86-3 Sheet No. 13 |
|         | <del> </del> |           | Section                    |
|         |              |           | Date Begun                 |
|         |              |           | Date Finished              |
|         |              |           | Date Longed                |

| <br>Lat          | Total Depth |
|------------------|-------------|
| <br>Dep          | Logged By   |
| <br>Bearing      | Claim       |
| <br>Elev. Collar | Core Size   |

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |                                       |          |  |
|-------------|----------|----------|---|------------|------|----|--------------------|---------------------------------------|----------|--|
| 110.6       | 113.7    | 3 m      | - equigranular - mainly med. grained - abundant |            |      |    |                    |                                       |          |  |
|             |          | 100%     | - qtz musc rock                                 |            |      |    |                    |                                       |          |  |
|             |          |          | - wispy feldspar replacement textures common    |            |      |    |                    |                                       |          |  |
|             |          |          | - unit greyish-white                            |            |      |    |                    |                                       |          |  |
|             |          |          |   |            |      |    |                    |                                       | ļ        |  |
|             |          |          | Feldspar 50% Tourm 0.25 - 0.5%                  | .5 tr      |      |    |                    |                                       |          |  |
|             |          |          | Qtz. 40% Garnet trace                           | <u> </u>   |      |    |                    |                                       |          |  |
|             |          |          | Musc. 10-15%                                    |            | ļ    |    |                    |                                       |          |  |
|             |          |          |   |            |      |    |                    |                                       | <u> </u> |  |
| <b> </b>    |          |          |   | ļ          |      |    |                    |                                       |          |  |
|             |          |          | E.O.H.  |            |      |    |                    |                                       | <u> </u> |  |
| <b></b>     |          |          |   | <u> </u>   |      |    |                    |                                       |          |  |
|             |          |          |   | <u> </u>   |      |    | <u> </u>           | <del></del>                           |          |  |
|             |          |          |   |            |      |    |                    | · · · · · · · · · · · · · · · · · · · |          |  |
|             |          |          |   |            |      |    |                    |                                       |          |  |
|             |          | -        |   |            |      |    |                    | <del></del>                           |          |  |
|             |          |          |   |            |      |    |                    |                                       |          |  |
|             |          |          |   |            |      |    |                    |                                       |          |  |
|             |          |          |   |            |      |    |                    |                                       |          |  |
|             |          |          |   |            | -    |    |                    |                                       |          |  |
| 1 1         |          |          |   |            |      |    |                    |                                       |          |  |

| PROPERTY  | HELLROARING CREEK |
|-----------|-------------------|
| PROPERTY. | HELLROARING CREEK |

HOLE No. DDH 86-4

| DIP TEST Angle |         |           |  |  |  |  |
|----------------|---------|-----------|--|--|--|--|
| Footage        | Reading | Corrected |  |  |  |  |
|                |         |           |  |  |  |  |
|                |         |           |  |  |  |  |
|                |         |           |  |  |  |  |

| Hole No. 86-4 Sheet No. 1 | Lat                   |
|---------------------------|-----------------------|
| Section B 0+25N/0+25W     | Dep                   |
| Date Begun                | Dep                   |
| Date Finished             | Elev. Collar 1621.5 m |
| Date Logged               | <u>.</u>              |

Total Depth 92.35 m
Logged By B.W./D.H.

Claim Core Size 3.5 cm BO

| DE F          | TO TO | RECOVERY | DESCRIPTION                                   | SAMPLE No. | 1        | то       | WIDTH<br>OF SAMPLE |   |          |     |  |
|---------------|-------|----------|---|------------|----------|----------|--------------------|---|----------|-----|--|
| 0.0           | 10.1  | 7.7      | Equigranular unit with common graphic         | TOURM %    | г-с      |          |                    |   |          |     |  |
|               |       | 76.2%    | granite intervals, fine to med grained        |            |          |          |                    |   |          |     |  |
|               |       |          | - minor short aplitic intervals               |            |          |          |                    |   |          |     |  |
|               |       |          | - 4.0 rubbly recovery and possible shear      |            |          |          |                    |   |          |     |  |
|               |       |          | zone with sheared concentrate                 |            |          |          |                    |   |          |     |  |
|               |       |          | - tourm present in minor amounts as v. fine   |            |          |          |                    |   |          |     |  |
|               |       |          | grained needles                               |            |          |          |                    |   |          |     |  |
| <u> </u>      |       |          | - top 7.0 m very heavily Fe oxide stained     |            | ļ        | ,        |                    |   |          |     |  |
|               |       |          | reddish brown and very broken rubbly recovery |            | ļ        | <b></b>  |                    |   | ļ        |     |  |
|               |       |          | - rest of unit greyish white with minor       |            |          |          |                    |   |          |     |  |
|               |       |          | Fe stain                                      |            |          |          |                    |   |          |     |  |
|               |       |          |   |            | ļ        |          |                    |   |          |     |  |
| <b>—</b>      |       |          | <u>Feldspar 70% Tourm 0.25 - 0.5%</u>         | .255       | 0        |          |                    |   |          |     |  |
|               |       |          | Qtz. 20%                                      |            | ļ        |          |                    |   |          | ′ / |  |
|               |       |          | Musc. 5%                                      |            |          |          |                    |   | ļ        |     |  |
| <del>  </del> |       | -        |   | ,          | <b> </b> | <u> </u> |                    | i | <u> </u> |     |  |
| }             |       |          |   |            |          |          |                    |   | <b> </b> |     |  |
|               |       |          |   |            |          |          |                    |   | <u> </u> |     |  |
|               |       |          |   |            |          |          |                    |   |          |     |  |
|               |       |          |   |            |          |          |                    |   |          |     |  |
|               | l     |          |   |            |          |          |                    |   |          |     |  |

| PROPERTY HELLROARING CREEK |  |
|----------------------------|--|
|----------------------------|--|

|         | DIP TEST |           |  |  |  |  |
|---------|----------|-----------|--|--|--|--|
|         | Angle    |           |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |
|         | <b> </b> |           |  |  |  |  |
|         | ·        |           |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |

| Hole No. 86-4 Sheet No. 2 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEF<br>FROM | TH<br>TO                                      | TH RECOVERY DESCRIPTION |  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE                    |              |          |          |  |
|-------------|---|-------------------------|--|------------|------|----|---------------------------------------|--------------|----------|----------|--|
| 10.1        | 15.9  | 5.8                     | Equigranular unit - fine to med grained          |            |      |    |                                       |              |          |          |  |
|             |   | 100 %                   | - common intervals of fine gr. to aplitic with   |            |      |    |                                       |              |          |          |  |
|             |   |                         | tourm  |            |      |    |                                       |              |          | <i>'</i> |  |
|             |   |                         | - unit greyish-white with common light brown     |            |      |    |                                       |              |          |          |  |
|             |   |                         | Fe stain   |            |      |    |                                       |              |          |          |  |
|             |   |                         | Feldspar 70% Tourm 0.5%                          | 0.5 0      |      |    | ·                                     |              |          |          |  |
|             |   |                         | Otz. 25%<br>Musc 5%                              |            |      |    |                                       |              |          |          |  |
|             |   |                         |  |            |      |    |                                       |              |          |          |  |
| 15.9        | 33.1  | 17.2                    | Equigranular unit with common poorly             |            |      |    |                                       |              |          |          |  |
|             |   | 100 %                   | developed graphic granite - short fine gr. to    |            |      |    |                                       |              |          |          |  |
|             |   |                         | aplitic intervals with tourm near top of unit    |            | :    |    |                                       |              | <u> </u> | ,        |  |
|             |   |                         | - unit greyish-white with minor Fe stain         |            |      |    |                                       |              | <u> </u> | ,        |  |
|             |   |                         | - Tourm common in minor amounts as very fine gr. |            | · .  |    |                                       |              |          |          |  |
|             |   |                         | needles  |            | ļ    |    |                                       |              |          |          |  |
|             |   |                         | - 23.9 - 3 cm thick qtz vein with green          |            |      |    |                                       |              |          |          |  |
|             | alteration of feldspars 10 cm above and below |                         |  |            |      |    | · · · · · · · · · · · · · · · · · · · | <del> </del> |          |          |  |
|             |   |                         |  |            |      |    |                                       |              |          | /        |  |
|             |   |                         |  |            |      |    |                                       |              |          |          |  |

| PROPERTY    |                                       | HELLROARING CREEK | <del></del>   | HOLE No. DDH 86-4 |               |             |  |
|-------------|---------------------------------------|-------------------|---------------|-------------------|---------------|-------------|--|
| <u> </u>    | DIP TEST                              |                   | ]             |                   |               |             |  |
|             | An                                    | gle               | 06.4          | 2                 |               |             |  |
| Footage     | Reading                               | Corrected         | Hole No       | Sheet No          | Lat           | Total Depth |  |
|             |                                       |                   | Section       |                   | Dep           | Logged By   |  |
|             |                                       |                   | Date Begun    |                   | Bearing       | Claim       |  |
|             |                                       |                   | •             |                   | Elev. Collar. | Core Size   |  |
|             | · · · · · · · · · · · · · · · · · · · |                   | Date Finished |                   | Elev. Collar  | Core Size   |  |
| <del></del> |                                       |                   | Date Logged   |                   |               |             |  |

| DE F | TH | RECOVERY |          |        |          |              |            |      | WID |                    | WIDTH |          |   |         |
|------|----|----------|----------|--------|----------|--------------|------------|------|-----|--------------------|-------|----------|---|---------|
| FROM | TO | RECOVERY |          | DES    | CRIPTION |              | SAMPLE No. | FROM | то  | WIDTH<br>OF SAMPLE |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   | •       |
|      |    |          | Feldspar | 65-70% | Tourm    | 0.25 - 0.50% | .255       | þ    |     |                    |       |          |   |         |
|      |    |          | Qtz.     | 25-30% | Garnet   | trace        |            |      |     |                    |       |          |   |         |
|      |    |          | Musc.    | 5%     |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   | 1       |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          | 1 |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    | -        |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       |          |   |         |
|      |    |          |          |        |          |              |            |      |     |                    |       | <u> </u> |   | <u></u> |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|          |                   |

|         | DIP TEST         |           |  |  |  |  |  |
|---------|------------------|-----------|--|--|--|--|--|
|         | Angle            |           |  |  |  |  |  |
| Footage | Reading          | Corrected |  |  |  |  |  |
|         |                  |           |  |  |  |  |  |
|         | <del>  _ :</del> |           |  |  |  |  |  |
|         |                  |           |  |  |  |  |  |
|         |                  |           |  |  |  |  |  |
|         |                  |           |  |  |  |  |  |

| Hole No. 86-4 Sheet No. 4 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | <b>Dep</b>   | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEP<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION  | SAMPLE Na | FROM     | то       | WIDTH<br>OF SAMPLE |          |  |
|-------------|----------|----------|--|-----------|----------|----------|--------------------|----------|--|
| 33.1        |          | 6.2      | Equigranular unit approaching aplitic  |           |          |          |                    |          |  |
|             |          | 100 %    | fine grained tourm rich  |           |          |          |                    |          |  |
|             |          |          | - tourm fine to v. fine gr. needles  |           |          |          |                    |          |  |
|             |          |          | - unit dark grey due to tourm content  |           |          |          |                    |          |  |
|             |          |          | Feldspar 60% Tourm 5-10%   | 5-10 0    |          |          |                    |          |  |
|             |          |          | Qtz 30% Garnet trace   |           | ļ        | ļ        |                    | <br>     |  |
|             |          |          | Musc. 5%   |           |          |          |                    |          |  |
| 39.3        | 42.3     | 3.0      | Aplite - v. fine grained - tourm and garnet  |           | <u>.</u> |          |                    |          |  |
|             |          |          | - unit dark grey to dark green - minor flow banding  |           |          |          |                    |          |  |
|             |          |          |  | N         |          |          |                    | <br>,    |  |
|             |          |          | Feldspar         60%         Tourm         3-5%           Qtz.         30%         Garnet         2-3% | 2-3 0     |          |          |                    |          |  |
|             |          |          | Musc. 5%   |           |          | <u> </u> |                    |          |  |
|             |          |          |  |           |          |          |                    |          |  |
|             |          |          |  |           | ļ        |          |                    | <u> </u> |  |
|             | İ        |          |  |           |          |          |                    | <i>'</i> |  |

| F       | ROPERTY  | HE        | LLROARING CREEK           | HOLE N       | le. DDH 86-4 |
|---------|----------|-----------|---------------------------|--------------|--------------|
|         | DIP TEST |           |                           |              |              |
|         | An       | gle       |                           |              |              |
| Footage | Reading  | Corrected | Hole No. 86-4 Sheet No. 5 | Lat          | Total Depth  |
|         |          |           | Section                   | Dep          | Logged By    |
|         |          |           | Date Begun                | Bearing      | Claim        |
|         |          |           | Date Finished             | Elev. Collar | Core Size    |
|         |          |           | Date Logged               |              |              |

| DEI  | TO   | RECOVERY | DESCRIPTION                                | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |  |   |  |
|------|------|----------|--|------------|----------|----------|--------------------|--|---|--|
| 42.3 | 44.3 | 2.0      | Equigranular unit - fine med. grained with |            | <u> </u> |          |                    |  |   |  |
|      |      | 100%     | minor aplitic intervals                    |            | ļ        |          |                    |  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  |
|      |      |          | - med. grained tourm present               |            | ļ        | ļ        |                    |  |   |  |
|      |      |          | - unit dark grey to dark brown due to Fe   |            | ļ        |          |                    |  |   |  |
|      |      |          | staining                                   |            |          |          |                    |  |   |  |
|      |      |          | Feldspar 65% Tourm 2%                      | 0 2        |          |          |                    |  |   |  |
|      |      |          | Qtz. 25% Garnet trace                      |            |          |          |                    |  |   |  |
|      |      |          | Musc 5-7%                                  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  | /                                       |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  | 1                                       |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      | -        |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          | <u> </u> |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  |   |  |
|      |      |          |  |            |          |          |                    |  |   |  |

| PROPERTY | HELLROARING CREEK | HOLE N | DDH 86-4 |
|----------|-------------------|--------|----------|
|          |                   |        |          |

|         | DIP TEST     |           |
|---------|--------------|-----------|
|         | An           | gle       |
| Footage | Reading      | Corrected |
|         | <del> </del> |           |
|         |              |           |
|         |              |           |
|         | <del> </del> |           |

| Hole No. 86-4 Sheet No. 6 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
|                           |              | •           |
| Section                   | Dep.         | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| FROM | TO   | RECOVERY | DESCRIPTION                                   | SAMPLE No                             | FROM   | то        | WIDTH<br>OF SAMPLE |              |              |  |
|------|------|----------|---|---------------------------------------|--|-----------|--------------------|--------------|--------------|--|
| 40.5 | 42.1 | 1.6 m    | Aplite v light grey, fine grained abundant    |                                       |  |           |                    |              |              |  |
|      |      | 100%     | crystalline tourmaline, garnet                |                                       |  |           |                    |              |              |  |
|      |      |          |   |                                       |  |           |                    |              |              |  |
|      |      |          | Feldspar 59% Tourm 7%                         | 7 0                                   |  |           |                    |              |              |  |
|      |      |          | Qtz. 30% Garnet 4%                            |                                       |  |           |                    |              |              |  |
|      |      |          | Musc. trace                                   |                                       |  |           |                    |              |              |  |
|      |      |          |   |                                       | <u> </u>   | L         |                    |              |              |  |
| 42.1 | 44.3 | 2.2 m    | Equigranular grey - light grey fine - med gr. |                                       | <b> </b>   |           |                    |              |              |  |
|      |      |          | scattered musc. and occasional tourm crystals |                                       | ļ  | ļ         |                    |              |              |  |
|      |      |          |   |                                       | <u>   </u>                                       |           |                    |              |              |  |
|      |      |          | Feldspar 65% Tourm 3%                         | 2 1                                   | <u> </u>   | L         |                    | <br>ļ        |              |  |
|      |      |          | Quartz 25% Garnet trace                       |                                       |  |           |                    |              |              |  |
|      |      |          | Mica 7%                                       | · · · · · · · · · · · · · · · · · · · | ļ  | ļ         |                    |              |              |  |
| 44 3 | 45.9 | 1.6 m    | Graphic v. light grey to white, coarse        |                                       | <del>                                     </del> |           |                    |              |              |  |
| 17.5 | 40.5 | 90%      | crystalline                                   |                                       | <del> </del>                                     | <b></b>   |                    |              | <del> </del> |  |
|      |      | 30%      |   |                                       | <del> </del>                                     | <b></b> - |                    | <br>         |              |  |
|      |      |          | Feldspar 70% Musc. 10%                        |                                       | <b></b>  | ļ         |                    | <br><b> </b> | ļ            |  |
| ļ    |      |          | Qtz. 20%                                      |                                       | <del> </del>                                     | ļ         |                    |              |              |  |
|      |      |          |   |                                       |  | ļ         |                    |              |              |  |
| 45.9 | 46.1 | .2 m     | Block pegmatite, grey, v. coarse to coarse    |                                       |  |           |                    |              |              |  |
|      |      | 100%     | crystalline (light Fe stain)                  |                                       |  |           |                    |              |              |  |
|      | ·    | <u> </u> | Foldspan 10% Muse 10% Ot-                     | 000                                   |  |           |                    | <br>         |              |  |

Feldspar 10% Musc. 10% Qtz. 80%

| PROPERTY | HELLROARING CREEK |  |
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| PROPERII |                   |  |

|    | <u> </u> | _ | A.1 | DDH 86-4 |
|----|----------|---|-----|----------|
| יח | ᇇᆫ       | _ | No. |          |

|         | DIP TEST |           |
|---------|----------|-----------|
|         | An       | gie       |
| Footage | Reading  | Corrected |
|         |          |           |
|         |          |           |
|         |          |           |
|         | ļ        |           |
|         | L        |           |

| Hole No. 86-4 Sheet No. 7 | Lat.         | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE!      | TO   | RECOVERY | DESCRIPTION                                     | SAMPLE No | FROM   | то | WIDTH<br>OF SAMPLE |                  |         |         |
|----------|------|----------|---|-----------|--|----|--------------------|------------------|---------|---------|
| 46.1     | 54.3 | 8.2 m    | Graphic v. light grey medium crystalline        |           |  |    |                    |                  |         |         |
|          |      | 95%      | scattered Fe staining generally along fracture  |           |  |    |                    |                  |         |         |
|          |      |          | planes; light grn. clay along fracture.         |           |  |    |                    |                  |         |         |
|          |      |          |   |           |  |    |                    |                  |         |         |
|          |      |          | Feldspar 85% Mica trace to 5%                   |           | <u> </u>   |    |                    | ļ                |         |         |
| <u> </u> |      |          | Qtz. 10-15%                                     |           | ļ  |    |                    | <br><u> </u>     |         |         |
|          |      |          |   |           |  |    |                    | <u> </u>         |         |         |
| 54.3     | 58.8 | 4.5 m    | Equigranular light grey - grey med. crystalline |           |  |    |                    |                  |         |         |
|          |      | 100%     | abundant disseminated tourm. and scattered      |           | <del>                                     </del> |    |                    | <del></del>      |         |         |
| ļ        |      |          | garnet  |           | ļ  |    |                    |                  |         | <b></b> |
|          |      |          |   |           | <u> </u>   |    |                    | ļ                |         |         |
| ļ        |      |          | Feldspar 50% Mica trace - 5%                    | ļ         | ļ  |    |                    | <u> </u>         | ļ       |         |
|          |      |          | Qtz. 35-40% Tourm 5-8%                          | 5 1-2     | ļ <u>.</u>                                       | ļ  |                    | ļ                | l'      |         |
|          |      |          | Garnet trace - 3%                               |           |  |    |                    | <b></b>          | /       |         |
|          |      |          |   |           | ļ  |    |                    | <u> </u>         |         |         |
| 58.8     | 61.0 | 2.2 m    | Graphic v. light grey med - fine crystalline    |           | <b>-</b>   |    |                    | <del> </del>     |         |         |
|          |      | 90%      | scattered tourmaline fine - med. crystalline    |           | ļ  |    |                    | <b></b>          |         |         |
| <u></u>  |      |          | occasional garnet and mica                      |           | <del> </del>                                     |    | <u> </u>           | <br><del> </del> |         |         |
|          |      |          |   |           |  |    |                    | <br><del> </del> | <b></b> |         |
| ļ        |      |          | Feldspar 60% Mica 5-10%                         |           | -  |    |                    | <br><b></b>      | ļ       |         |
|          |      |          |   |           |  |    |                    | <br><u> </u>     |         |         |

#### DIAMOND DRILL RECORD

| PROPER        | HELLRO | ARING CREEK  |  | н                            | OLE No. DDH | 86-4 |
|---------------|--------|--|--|------------------------------|-------------|------|
| Footage Readi | Angle  | Hole No. 86-4 Section Date Begun Date Finished Date Logged |  | Lat Dep Bearing Elev. Collar | Logged By   | h    |

| DE<br>FROM   | PTH<br>TO    | RECOVERY | DESCRIPTION                                    | SAMPLE No | FROM         | то           | WIDTH<br>OF SAMPLE |         |              |   |             |
|--------------|--------------|----------|--|-----------|--------------|--------------|--------------------|---------|--------------|---|-------------|
|              |              |          | Qtz. 25% Tourm 5-8%                            |           |              |              |                    |         |              |   |             |
|              | ļ            |          | Garnet trace - 2%                              |           |              |              |                    |         |              |   |             |
| <u> </u>     | ļ            |          |  |           |              |              |                    |         |              |   |             |
| 61.0         | 61.5         | .5 m     | Equigranular light grey, very fine - fine      |           | <b></b>      |              |                    |         |              |   |             |
| <b></b>      | ļ            | 100%     | crystalline with abundant disseminated v. fine |           |              |              |                    |         | ļ            |   |             |
|              |              |          | crystalline tourm & fine crystalline garnet    |           | ļ            |              |                    |         |              |   | ļ           |
| ļ            | ļ            |          |  |           |              |              |                    |         |              |   | ļ           |
|              | <del> </del> |          | Feldspar 45% Mica 5-10%                        |           | ļ            |              |                    |         | ļ            |   | ļ           |
| ļ            | <u> </u>     |          | Qtz. 35% Tourm 5-8 %                           |           | ļ            | <del> </del> |                    |         | ļ            |   | <b></b>     |
| ļ            | ļ            |          | Garnet 3 - 5%                                  |           | <u> </u>     | <u> </u>     |                    |         |              |   |             |
| ļ            |              |          |  |           |              |              |                    |         |              |   | <u> </u>    |
|              |              |          |  | <u> </u>  | ļ            | ļ            |                    |         |              | ļ |             |
|              |              |          |  |           | ļ            | ļ            |                    |         |              |   | <b> </b>    |
| ļ            |              |          |  |           | ļ            | ļ            |                    |         | <b> </b>     | / |             |
| <b></b>      | ļ            |          |  |           |              | <b> </b>     |                    |         | ļ            |   |             |
| <del> </del> | -            |          |  |           | <del> </del> | <u> </u>     |                    |         | <del> </del> |   |             |
| <u> </u>     |              |          |  |           | <del> </del> | <b></b>      |                    |         |              |   |             |
| <b> </b>     |              |          |  |           | -            |              |                    |         |              |   | <b> </b>    |
|              | -            |          |  |           | -            | ļ            |                    |         |              | / |             |
| <u> </u>     |              |          |  |           | <del> </del> | <b> </b>     |                    | <b></b> |              |   | <del></del> |
|              |              |          |  |           |              |              |                    |         |              | 1 |             |

| PROPERTY | HELLROARING CREEK |
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| INVELNII |                   |

|             | DIP TEST     |           |  |  |  |  |  |  |
|-------------|--------------|-----------|--|--|--|--|--|--|
|             | Angle        |           |  |  |  |  |  |  |
| Footage     | Reading      | Corrected |  |  |  |  |  |  |
| <del></del> | <del> </del> |           |  |  |  |  |  |  |
|             |              |           |  |  |  |  |  |  |
|             |              |           |  |  |  |  |  |  |
|             |              |           |  |  |  |  |  |  |

| Hole No. 86-4 Sheet No. 9 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
|                           |              | Logged By   |
| Section                   | ОФР.         | Logged by   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               | ,            |             |

| FROM     | TO   | RECOVERY | DESCRIPTION                                    | SAMPLE No.  | FROM | то | WIDTH<br>OF SAMPLE |   |   |   |  |
|----------|------|----------|--|-------------|------|----|--------------------|---|---|---|--|
| 61.5     | 62.5 | 1 m      | Graphic light grey med-coarse crystalline with |             |      |    |                    |   |   |   |  |
|          |      | 95%      | occasional large tourm crystals and some iron  |             |      |    | ·                  |   |   |   |  |
|          |      |          | staining                                       |             |      |    |                    |   |   |   |  |
|          |      |          |  |             |      |    |                    |   |   |   |  |
|          |      |          | Feldspar 65% Mica 12%                          |             |      |    |                    |   |   |   |  |
|          |      |          | Qtz. 20% Tourm 2-3%                            |             |      |    |                    | ļ |   |   |  |
| 62.5     | 63.3 | .8 m     | Graphic grey - grey brown (iron stained)       |             |      |    |                    |   |   |   |  |
|          |      | 85%      | f - med crystalline poor crystal distribution  |             |      |    |                    |   |   |   |  |
|          |      |          | traces of disseminated tourm and garnet        |             |      |    |                    |   |   |   |  |
| ļ        |      |          |  |             |      |    |                    |   | ļ |   |  |
|          |      |          | Feldspar 60% Mica 10%                          |             | ļ    |    |                    |   |   | ļ |  |
| <u> </u> |      |          | Qtz. 25% Tourm 2%                              | <del></del> |      |    | ļ                  | ļ |   |   |  |
|          |      |          | Garnet 3%                                      |             |      |    |                    |   |   | 1 |  |
| 63.3     | 64.0 | 1        | Equigranular grey - grey brown Fe stained      |             |      |    |                    |   |   |   |  |
| ļ        |      | 95%      | med. crystalline                               |             |      |    |                    |   |   |   |  |
|          |      |          | Feldspar 45% Mica 25%                          |             |      |    |                    |   | · |   |  |
|          |      |          | Qtz 25% Tourm 1-3%                             |             |      |    |                    |   |   |   |  |
|          |      |          | Garnet trace - 2%                              |             |      |    |                    | L |   |   |  |

| PROPERTY | HELLROARING CREEK | HOLEN                                   | DDH 86-4 |
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|         | DIP TEST |           |               |
|---------|----------|-----------|---------------|
|         | An       | gie       | 06.4          |
| Footage | Reading  | Corrected | Hole No. 86-4 |
|         |          |           | Section       |
|         |          |           | Date Begun    |
|         |          |           | Date Finished |
|         | <u> </u> | L         | Onto Joseph   |

| Hole No. 86-4 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished.             | Elev. Collar | Core Size   |

| DE!  | TO   | RECOVERY |                                       | DESC   | RIPTION  |      | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |              |   |          |
|------|------|----------|---------------------------------------|--|--|------|------------|----------|----------|--------------------|--------------|---|----------|
| 64.0 | 70.0 | 6 m      | Graphic ligh                          | Graphic light grey med-coarse crystalline with |  |      |            |          |          |                    |              |   |          |
|      |      | 100%     | scattered tr                          | aces of ga                                     | rnet   |      |            |          |          |                    |              |   |          |
|      |      |          |                                       |  |  |      |            |          |          |                    |              |   |          |
|      |      |          | Feldspar                              | 50%  | Mica   | 10%  |            |          |          |                    |              |   |          |
|      |      |          | Qtz.                                  | 35%  | Garnet   | 2-5% |            |          |          |                    |              |   |          |
|      |      |          |                                       |  |  |      |            |          |          |                    |              |   |          |
|      |      |          |                                       |  | number of the second se |      |            |          |          |                    |              |   |          |
|      |      |          |                                       |  |  |      | ļ          |          |          |                    |              |   |          |
|      |      |          |                                       |  |  |      |            | ļ        |          |                    |              | ļ | <b></b>  |
|      |      |          |                                       |  |  |      |            | <u> </u> | ļ        |                    |              |   |          |
|      |      |          |                                       |  |  |      | <b></b>    |          |          |                    |              |   | ļ        |
|      |      |          |                                       |  |  |      |            |          |          |                    |              |   |          |
|      |      |          |                                       |  |  |      |            | <u> </u> | <u> </u> |                    | <br><u> </u> |   | ļ        |
|      |      |          |                                       |  |  |      |            |          |          |                    |              |   | ļ        |
|      |      |          |                                       |  |  |      |            | <u> </u> |          |                    | <br><u> </u> |   | <b></b>  |
|      |      | -        |                                       |  |  |      |            | <b> </b> | ļ        |                    |              |   | <u> </u> |
|      |      |          |                                       |  | ····   |      |            | <b> </b> | ļ        |                    |              |   |          |
|      |      |          |                                       |  |  |      |            | <b> </b> |          |                    | <br>         |   | <u> </u> |
|      |      |          | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · ·          |  |      |            |          |          |                    |              | / |          |
|      |      |          | ····                                  | <del></del>                                    |  |      |            |          |          |                    | <br>ļ        |   |          |
|      |      |          |                                       |  |  |      |            |          |          |                    |              |   |          |

| P       | ROPERTY  | НЕ        | LLROARING CREEK            | HOLE N       | DDH 86-4    |
|---------|----------|-----------|----------------------------|--------------|-------------|
|         | DIP TEST |           |                            |              |             |
| Angle   |          | gle       | 06.4                       |              |             |
| Footage | Reading  | Corrected | Hole No. 86-4 Sheet No. 11 | Lat          | Total Depth |
|         | ļ        |           | Section                    | Dep          | Logged By   |
|         |          |           | Date Begun                 | Bearing      | Claim       |
|         |          |           | Date Finished              | Elev. Collar | Core Size   |
|         |          |           | Date Logged                |              |             |

| 050  | PTH  |  |   | T          | T1   |    | T                  | <br> |   |  |
|------|------|--|---|------------|------|----|--------------------|------|---|--|
| FROM | ТО   | RECOVERY                                       | DESCRIPTION                                 | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |      |   |  |
| 70   | 70.9 | .9 m   | Equigranular grey fine-med crystalline with |            |      |    |                    |      |   |  |
|      |      | 90%  | scattered traces of garnet                  |            |      |    |                    |      |   |  |
|      |      |  |   |            |      |    |                    |      |   |  |
|      |      |  | Feldspar 50% Mica 12%                       |            |      |    |                    |      |   |  |
|      |      |  | Qtz. 35% Garnet 2-3%                        |            |      |    |                    |      |   |  |
| 70.9 | 77.8 | 6.1 m Graphic v. light - light grey med-coarse |   |            |      |    |                    |      |   |  |
|      |      | 95%  | crystalline scattered traces of garnet      |            |      |    |                    |      |   |  |
|      |      |  | Feldspar 60% Mica 15%                       |            |      |    |                    |      |   |  |
|      |      |  | Qtz 25% tr-1% med. gr. Tourm.               | 0 tr-1     |      |    |                    | <br> |   |  |
|      |      |  |   |            |      |    |                    |      |   |  |
| 77.8 | 85.5 | . 7.7 m  | Graphic dark grey coarse - v. coarse        |            |      |    |                    |      | , |  |
|      |      | 100%   | crystalline scattered Fe staining, abundant |            |      |    |                    |      |   |  |
|      |      |  | mica books, tourm free with disseminated    |            |      |    |                    |      |   |  |
|      |      |  | traces at 85 m                              |            |      |    |                    |      |   |  |
|      |      |  |   |            |      |    |                    |      |   |  |
|      |      |  | Feldspar 45% Mica 20%                       |            |      |    |                    |      |   |  |
|      |      |  | Qtz. 35%                                    |            |      |    |                    |      |   |  |
|      |      |  |   |            |      |    |                    |      |   |  |

| ı       | PROPERTY    | HE HE     | LLROARING CREEK            | HOLE N       | DDH 86-4    |
|---------|-------------|-----------|----------------------------|--------------|-------------|
|         | DIP TEST    |           |                            |              |             |
|         | An          | gle       | 06.4                       |              |             |
| Footage | Reading     | Corrected | Hole No. 86-4 Sheet No. 12 | Lat          | Total Depth |
|         | <del></del> |           | Section                    | Dep          | Logged By   |
|         |             |           | Date Begun                 | Bearing      | Claim       |
|         |             |           | Date Finished              | Elev. Collar | Core Size   |
|         |             |           | Date Logged                |              |             |

| DE F | TH<br>TO | RECOVERY |   | DESC                                       | CRIPTION   |  | SAMPLE No. | FROM | то           | WIDTH<br>OF SAMPLE |       |          |  |
|------|----------|----------|---|--|--|--|------------|------|--------------|--------------------|-------|----------|--|
| 85.5 | 88.3     | 2.3 m    | Graphic grey                            | Graphic grey - light grey v. coarse-coarse |  |  |            |      |              |                    |       |          |  |
|      |          | 98%      | crystalline t                           | races of                                   | scattered to   | ourm crystal   |            |      |              |                    |       |          |  |
|      |          |          | green cast                              |  |  |  |            |      |              |                    |       |          |  |
|      |          |          |   |  |  |  |            |      |              |                    |       |          |  |
|      |          |          | Feldspar                                | 60%  | Mica   | 10%  |            |      |              |                    |       |          |  |
|      |          |          | Qtz.                                    | 28%  | Tourm  | trace - 2%   |            |      |              |                    |       | ′        |  |
|      |          |          | *                                       |  | (medf  | . gr.)   |            | ļ    |              |                    |       |          |  |
|      |          |          |   |  |  |  |            |      | ************ |                    |       |          |  |
|      |          |          |   |  |  |  | <u> </u>   |      |              |                    | <br>  |          |  |
|      |          |          |   | ·  |  | <del></del>  |            |      |              |                    |       |          |  |
|      |          |          | *************************************** | ······································     |  | With the control of t |            |      |              |                    |       |          |  |
|      |          |          |   |  |  |  |            |      |              |                    |       |          |  |
|      |          |          |   | · · · · · · · · · · · · · · · · · · ·      |  |  |            |      |              |                    | <br>ļ |          |  |
|      |          |          |   |  |  |  |            |      |              |                    |       | /        |  |
|      |          |          |   |  |  |  |            |      |              |                    |       |          |  |
|      |          |          |   |  |  |  | ļ          |      |              |                    |       |          |  |
| ļ    |          |          | ·                                       |  |  |  |            |      |              |                    | <br>ļ |          |  |
|      |          |          |   | · · · · · · · · · · · · · · · · · · ·      | The second secon |  | <u> </u>   |      |              |                    | <br>  |          |  |
|      |          |          |   |  | <del></del>  |  |            |      |              |                    |       |          |  |
|      |          |          |   |  |  |  |            |      |              |                    |       | <u> </u> |  |
|      |          |          |   |  |  |  |            |      |              |                    |       |          |  |

#### DIAMOND DRILL RECORD

| P       | ROPERTY  | HELL      | _ROARING CREEK             |              | HOLE N. | . DDH 86-4  |   |
|---------|--|-----------|----------------------------|--------------|---------|-------------|---|
|         | DIP TEST   |           |                            |              |         |             |   |
| F       | An   |           | Hole No. 86-4 Sheet No. 13 | 1            |         | Total Depth | , |
| Footage | Reading  | Corrected |                            |              |         | •           |   |
|         |  |           | Section                    | Dep          |         | Logged By   |   |
|         |  |           | Date Begun                 | Bearing      |         | Claim       |   |
|         | <del> </del>                                     |           | Date Finished              | Elev. Collar |         | Core Size   |   |
|         | <del>                                     </del> |           |                            | EIGV. CONOI  |         | CO16 3126   |   |
|         |  |           | Date Logged                |              | •       |             |   |

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |   |  |
|-------------|----------|----------|---|------------|------|----|--------------------|---|---|--|
| 88.3        | 91.5     | 3.2 m    | Graphic grey - grey brown crystalline   |            |      |    |                    |   | , |  |
|             |          | 96%      | (Fe staining) fcoarse crystalline   |            |      |    |                    |   |   |  |
|             |          |          | scattered tourm crystals, traces of garnet  |            |      |    |                    |   |   |  |
|             |          |          | irregular fracture pattern, minor fault zone  |            |      |    |                    |   |   |  |
|             |          |          | at 90 m (sulphides)   |            |      | -  |                    |   |   |  |
|             |          |          | Feldspar         60%         Mica         8-10%           Qtz.         30%         Tourm         tr2% |            |      |    |                    |   |   |  |
|             |          |          | Garnet trace  |            |      |    |                    |   |   |  |
| 91.5        | 92.0     | .5       | Block grey - dark grey coarse - v. coarse   |            |      |    |                    |   |   |  |
|             |          | 100%     | crystalline some brown Fe staining, hairline  |            |      |    |                    |   |   |  |
|             |          |          | fractures   |            |      |    |                    |   |   |  |
|             |          |          | Feldspar 30% Mica 20%<br>Qtz. 50%   |            |      |    |                    |   | , |  |
| 92.0        | 92.3     | 5 .35    | Shear zone within a high angle fault  |            |      |    |                    |   |   |  |
|             |          | 80%      | F.O.H.  |            |      |    |                    | · |   |  |
|             |          |          |   |            |      |    |                    |   |   |  |

| PROPERTY_ | HELLROARING | CREEK |
|-----------|-------------|-------|
| TAVEERII_ |             |       |

|         | DIP TEST     |           |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|
|         | Angle        |           |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |
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| Hole No. 86-6 Sheet No. 7 | Lat | Total Depth |
|---------------------------|-----|-------------|
| Section                   |     | Logged By   |
| Date Begun                |     | Cloim       |
| Date Finished             |     | Core Size   |
| Date Loaged               | ,   |             |

| DE!  | TO   | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |             |   |  |
|------|------|----------|--|------------|------|----|--------------------|-------------|---|--|
| 34.1 | 35.8 |          | Graphic light grey fine-med. crystalline   |            |      |    |                    |             |   |  |
|      |      |          |  |            |      |    |                    | <del></del> |   |  |
|      | ļ    |          | Feldspar 50% Mica 5-10%  |            | ļ    |    |                    |             |   |  |
|      |      |          | Qtz. 40%   |            |      |    |                    | •••         |   |  |
| 35.8 | 46.8 |          | Block grading to graphic to coarse - v. coarse   |            |      |    |                    |             |   |  |
|      |      |          | crystalline fractured throughout with Fe staining on frac. surfaces                            |            |      |    |                    |             |   |  |
|      |      |          | Feldspar 45% Mica 15%  |            |      |    |                    |             | , |  |
|      |      |          | Qtz. 35% Tourm. tr.  | tr.        | -    |    |                    |             |   |  |
| 46.8 | 49.8 |          | Graphic grey, grey-brown. (Fe staining) fine-med crystalline with scattered crystalline tourm; |            |      |    |                    |             | , |  |
|      |      |          | hematite crust on fracture faces.  |            | •    |    |                    |             |   |  |
|      |      |          | Feldspar 40% Mica 15%  |            |      |    |                    |             |   |  |
|      |      |          | Otz. 35% Tourm. 10%  | 8 2        |      |    |                    |             | · |  |
|      |      |          |  |            |      |    |                    |             |   |  |
|      |      |          |  |            |      |    |                    |             |   |  |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST |           |  |  |  |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |  |  |
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| Hole No. 86-6 Sheet No. 6 |              | Total Depth |
|---------------------------|--------------|-------------|
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEI      | TO         | RECOVERY |             | DES          | CRIPTION    |                | SAMPLE No. | FROM   | то           | WIDTH<br>OF SAMPLE |          |              |          |          |
|----------|------------|----------|-------------|--------------|-------------|----------------|------------|--|--------------|--------------------|----------|--------------|----------|----------|
|          |            |          | Feldspar    | 40%          | Mica        | 10%            |            |  |              |                    |          |              |          |          |
|          |            |          | Qtz.        | 50%          |             |                |            |  |              |                    |          |              |          |          |
|          |            |          |             |              |             |                |            |  |              |                    |          |              |          |          |
| 32.7     | 34.1       |          | Graphic gre | y-light grey | fine-coarse | crystalline    |            |  |              |                    |          |              |          |          |
|          |            |          |             |              |             | block sequence |            |  |              |                    |          |              | ,        |          |
|          |            |          | Feldspar    | 65%          | Mica        | 5%             |            |  |              |                    |          |              |          |          |
| <u> </u> |            |          | Qtz.        | 30%          |             |                |            |  |              |                    |          |              |          |          |
|          |            |          |             |              |             |                |            | <u> </u>   |              |                    |          |              |          |          |
|          | ļ          |          |             |              |             |                |            |  | ļ            | ļ                  |          |              |          |          |
|          |            |          |             |              |             |                | ļ          | ļ  | <b> </b>     |                    |          |              |          |          |
|          |            |          |             |              |             |                |            |  |              |                    |          | <u> </u>     |          |          |
|          | <b> </b>   |          |             |              |             |                |            | <u> </u>   |              |                    |          | ļ            | 1        |          |
|          |            |          |             |              |             |                |            |  |              |                    |          | <del> </del> | 1        |          |
|          |            | -        |             | <del></del>  |             |                | <u> </u>   | <del> </del>                                     | <del> </del> | <u> </u>           |          | <u> </u>     | -        |          |
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| -        | ļ <u> </u> |          |             |              |             |                |            | <del> </del>                                     | <del> </del> |                    |          | ļ            |          |          |
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|          | L          |          |             |              |             |                | <u>l</u>   | <u> </u>   | <u> </u>     | 1                  | <u> </u> | <u> </u>     | <u> </u> | <u> </u> |

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|-----------|--------------------|
| PROPERTY_ | HELLROARING CREEK  |

| DIP TEST<br>Angle |              |           |  |  |  |  |
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| Footage           | Reading      | Corrected |  |  |  |  |
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| Hole No. 86-6 Sheet No. 5 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE!      | TO   | RECOVERY | DESCRIPTION                                | SAMPLE No. | SAMPLE No. FROM |          | WIDTH<br>OF SAMPLE | Ε |              |          |   |
|----------|------|----------|--|------------|-----------------|----------|--------------------|---|--------------|----------|---|
| 13.7     | 29.2 |          | Graphic light grey-grey brown (Fe stained) |            |                 |          |                    |   |              |          |   |
|          |      |          | fine-med. crystalline scattered fracture   |            |                 |          |                    |   |              |          |   |
|          |      |          | intervals with Fe staining; tourm. free    |            |                 |          |                    |   | <b></b>      |          |   |
| <u> </u> |      |          |  |            |                 |          |                    |   |              |          |   |
| ļ        | ļ    |          | Feldspar 60% Mica 10-15%                   |            |                 |          |                    |   | <del> </del> |          |   |
|          |      |          | Otz. 25-30%                                |            | ļ               |          |                    |   | ļ            |          | · |
|          |      |          |  |            | <b> </b>        |          |                    |   |              | ļ        |   |
| 29.2     | 29.6 |          | Block grey v. coarse crystalline fractured |            | ļ               | <b> </b> |                    |   | -            |          |   |
|          |      |          | tourm, free                                |            |                 |          |                    |   |              | 1        |   |
|          |      |          | Feldspar 35% Mica 5%                       |            |                 |          |                    |   |              |          |   |
|          |      |          | Qt.z 60%                                   | -          |                 |          |                    |   | -            | <u> </u> |   |
| 29.6     | 32.3 |          | Graphic grey-light grey v. coarse-coarse   |            |                 |          |                    |   |              | ,        |   |
|          |      |          | crystalline                                | <u> </u>   | ļ ·             |          |                    |   | <del> </del> |          |   |
|          |      | -        | Feldspar 70% Mica 5%                       |            |                 |          | ·                  |   |              |          |   |
|          |      |          | Qtz. 25%                                   |            |                 |          |                    |   |              |          |   |
| 32 3     | 32.7 |          | Block grey v. coarse crystalline           |            | <b> </b>        |          |                    |   | -            |          |   |
| 36.3     | ¥5./ |          | DIOCK GIES V. COM SE CI VSTATITUE          |            |                 |          |                    |   |              |          |   |

DIAMOND DR

HELLROARING CREEK

DIAMOND DE L RECORD

HOLE No. DDH 86-6

|         | DIP TEST     |           |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|
| W       | Angle        |           |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |
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PROPERTY\_

| Hole No. 86-6 Sheet No. 4 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE<br>FROM | PTH<br>TO | RECOVERY | DESCRIPTION                                  | SAMPLE No. | FROM         | то       | WIDTH<br>OF SAMPLE |   |          |         |         |
|------------|-----------|----------|--|------------|--------------|----------|--------------------|---|----------|---------|---------|
|            | 13.7      |          | Graphic grey fine-med. crystalline scattered |            |              |          |                    |   |          |         |         |
|            |           |          | iron staining throughout tourm. free         |            |              |          |                    |   |          |         |         |
|            |           |          |  |            |              |          |                    |   |          |         |         |
|            |           |          | Feldspar 50% Mica 15%                        |            |              |          |                    |   |          |         |         |
|            |           |          | Otz. 35%                                     |            | <b></b>      | ļ        |                    |   |          |         |         |
|            |           |          |  |            |              | <u> </u> |                    |   | <b></b>  |         | <b></b> |
|            |           |          |  | ļ          |              |          |                    |   | ļ        | ļ       | <b></b> |
|            |           |          |  | ļ          | ļ            |          |                    |   | ļ        |         |         |
|            |           |          |  |            | ļ            | ļ        |                    |   |          |         |         |
|            |           |          |  | ļ          | ļ            |          |                    |   | ļ        |         |         |
|            |           |          |  |            | ļ            | ļ        |                    |   | <b></b>  |         |         |
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| <b>PROPERTY</b> | HELLROARING CREEK |
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| DIP TEST                                |              |            |  |  |  |
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| Footage                                 | Reading      | Corrected  |  |  |  |
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| Hole No. 86-6 Sheet No. 3 |         | Total Depth |
|---------------------------|---------|-------------|
| Section  Date Begun       | Bearing | Logged By   |
| Date Finished             | •       | Core Size   |
| Date Logged               |         |             |

| DEF<br>FROM | DEPTH RECOVERY DESCRIPTION : |   |   | SAMPLE N  | FROM           | то           | WIDTH<br>OF SAMPLE |    |  |   |          |   |  |          |
|-------------|------------------------------|---|---|---|----------------|--------------|--------------------|----|--|---|----------|---|--|----------|
| 8.9         | 9.95                         |   | Graphic gre                                 | ey fine-med.  | crystalline ab | undant tourm |                    |    |  |   |          |   |  |          |
|             |                              |   | Feldspar                                    | 58%   | Mica           | 5%           |                    |    |  |   |          |   |  |          |
|             |                              |   | Qtz.  | 25%   | Tourm.         | 12%          | 8 4                |    |  |   |          |   |  |          |
| 9.95        | 10.3                         | 5 | · -   | Equigranular grey-dark grey-medium crystalline contaminated with disseminated tourm, and garnet |                |              |                    |    |  |   |          |   |  |          |
|             |                              |   | Feldspar                                    | 52%   | Mica           | 5%           |                    |    |  |   |          |   |  |          |
|             |                              |   | Qtz.  | 30%   | Tourm.         | 10%          |                    |    |  |   |          |   |  |          |
|             |                              |   | Garnet                                      | 3%  |                |              | 9 1                |    |  |   |          |   |  |          |
| 0.35        | 11.5                         |   | Graphic grey, some brown Fe staining tourm. |   |                |              |                    |    |  |   | 1        |   |  |          |
|             |                              | _ | Feldspar                                    | 55%   | Mica           | 5-10%        |                    |    | -                                      |   |          |   |  |          |
|             |                              |   | Qtz.  | 25%   | Tourm.         | 10%          | 8 7                |    | +                                      |   |          |   |  |          |
|             |                              |   |   |   |                |              |                    |    |  |   |          |   |  |          |
|             |                              |   |   |   |                |              |                    | -  | -                                      |   |          |   |  |          |
|             |                              |   |   |   |                |              | <u> </u>           | _1 | ــــــــــــــــــــــــــــــــــــــ | 1 | <u> </u> | 1 |  | <u> </u> |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST Angle |           |  |  |  |  |  |
|---------|----------------|-----------|--|--|--|--|--|
| Footage |                | Corrected |  |  |  |  |  |
|         |                |           |  |  |  |  |  |
|         |                |           |  |  |  |  |  |
|         |                |           |  |  |  |  |  |

| Hole No. 86-6 Sheet No. 2 | Lot.         | Total Depth 95.4m |  |  |  |  |
|---------------------------|--------------|-------------------|--|--|--|--|
| Section                   | Dep          | Logged By         |  |  |  |  |
| Date Begun                | Bearing      | Claim             |  |  |  |  |
| Date Finished             | Elev. Collar | Core Size         |  |  |  |  |
| Date Leaned               |              |                   |  |  |  |  |

| DE!       | PTH | RECOVERY | DESCRIPTION                  |  | 644645     | 500          |              | WIDTH<br>OF SAMPLE                            |          | I        |         |              |
|-----------|-----|----------|------------------------------|--|------------|--------------|--------------|---|----------|----------|---------|--------------|
|           |     | RECOVERI |                              |  | SAMPLE No. | PRUM         | то           | OF SAMPLE                                     |          | ļ        |         |              |
| 6.3       | 8.9 |          | Graphic v. light grey-white, |  |            |              |              |   |          |          |         |              |
|           |     |          | crystalline tourm. free      |  |            |              |              |   |          |          |         |              |
|           |     |          |                              |  |            |              |              | <u>, , , , , , , , , , , , , , , , , , , </u> |          |          |         |              |
| <b></b> - |     |          | F 3.1                        | A A A                                  |            |              |              |   |          |          |         | <u> </u>     |
|           |     | ļ        |                              | Mica 5%                                |            |              |              |   |          |          |         |              |
|           |     |          | Qtz. 45%                     |  |            |              |              |   |          |          |         |              |
|           |     |          |                              |  |            |              |              |   |          |          |         |              |
|           |     |          |                              |  |            |              |              |   |          |          |         |              |
|           |     |          |                              |  |            |              |              |   |          |          |         |              |
|           |     |          |                              | <u>,</u>                               | <u> </u>   | <del> </del> | <u> </u>     |   |          |          |         | <del> </del> |
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|           |     |          |                              |  |            |              |              |   |          |          |         |              |
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|           |     |          |                              |  |            |              | <b> </b>     |   |          | <u> </u> |         | <del></del>  |
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|           |     |          |                              |  |            |              |              |   |          |          |         |              |
|           |     |          |                              |  | l          |              |              |   |          |          |         |              |
|           |     |          |                              |  |            |              |              |   |          |          |         |              |
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| PROPERTY | HELLROARING | CREEK |  |
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Date Logged...

HOLE No. DDH 86-6

|         | DIP TEST   |           |
|---------|--|-----------|
|         |  | gle       |
| Footage | Reading  | Corrected |
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|         |  |           |
|         | <del>                                     </del> |           |
|         | <del> </del>                                     |           |

Hole No. 86-6 Sheet No. 1
Section 0+50 N/0+07 W Dep.

Date Begun Bearing 60° 0 1150

Date Finished Elev. Collar. 1612 M

Total Depth 95.4 m
Logged By D.H.

Claim
Core Size 3.5 cm B.Q.

| DEF | TO  | RECOVERY | DESCRIPTION                                       | SAMPLE No.          | 1            | то       | WIDTH<br>OF SAMPLE |  |   |  |
|-----|-----|----------|---|---------------------|--------------|----------|--------------------|--|---|--|
| 2.1 | 4.0 | 3.9 m    | Graphic v. light grey (Fe stained) fine-med.      | TOURM %<br>VF-F M-C |              |          |                    |  |   |  |
|     |     |          | crystalline frequent tourm. crystals              | I.FF.M-             | T            |          |                    |  |   |  |
|     |     |          | vertical fractures.                               |                     |              |          |                    |  |   |  |
|     |     |          | Feldspar 56% Mica 5%                              |                     |              |          |                    |  |   |  |
|     |     |          | Qtz. 35% Tourm. 4%                                | 3 1                 |              |          |                    |  |   |  |
| 4.0 | 5.0 |          | Graphic light grey - grey medcoarse crystalline   |                     |              |          |                    |  |   |  |
|     |     |          | scattered tourm. contamination                    |                     |              |          |                    |  |   |  |
|     |     |          | Feldspar 54% Mica 12%                             |                     |              |          |                    |  |   |  |
|     |     |          | Qtz. 35% Tourm. 4%                                | 2 2                 |              |          |                    |  | , |  |
| 5.0 | 6.3 |          | Graphic light grey coarse crystalline tourm. free |                     |              |          |                    |  | 1 |  |
|     |     |          | Feldspar 60% Mica 10%                             |                     |              |          |                    |  |   |  |
|     |     | -        | Qtz. 30%  |                     | <del> </del> | ļ        |                    |  |   |  |
|     |     |          |   |                     |              |          |                    |  |   |  |
|     |     |          |   |                     |              |          |                    |  |   |  |
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THE CORD

Date Logged\_

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|   |   |   |   |   |   |   |   |     |   |   |    |   |   |

| PROPERTY HELLROARING CREEK | HOLE No | DDH 86-5 |
|----------------------------|---------|----------|
|----------------------------|---------|----------|

|         | DIP TEST |           |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         | · .      |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |

| Hole No. 86-5 Sheet No. 15 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

DEPTH FROM TO WIDTH OF SAMPLE RECOVERY DESCRIPTION SAMPLE No. FROM TO 119.45 119.78 med-coarse crystalline tourn. #3 113.8 | 119.78 5.98 m Graphic grey - grey brown (Fe staining) fine medium crystalline, disseminated tourm. and garnet 4% Feldspar 51% Tourm 32% 3% Qtz. Garnet Mica 10% E.O.H.

| PROPERTY           | HELLROARING CREEK                  | HOLE N       | •. <u>DDH 86-5</u> |
|--------------------|------------------------------------|--------------|--------------------|
| DIP TEST           |                                    |              |                    |
| Angle              | 96.5                               |              |                    |
| Footage Reading Co | rrected Hole No. 86-5 Sheet No. 14 | Lat          | Total Depth        |
|                    | Section                            | Dep          | Logged By          |
|                    | Date Begun                         | Bearing      | Claim              |
|                    | Date Finished                      | Elev. Collar | Core Size          |
|                    | Date Logged                        |              |                    |

| DE F | TH       | RECOVERY |              | DES        | CRIPTION                               |                  | SAMPLE No. | FROM   | то | WIDTH<br>OF SAMPLE |       |         |   |
|------|----------|----------|--------------|------------|--|------------------|------------|--|----|--------------------|-------|---------|---|
|      |          |          |              |            |  |                  |            |  |    |                    |       |         |   |
| 10.6 | 113.     | 8 3.2 m  | Graphic ligh | t grey - g | rey med. coa                           | arse crystalline |            |  |    |                    |       |         |   |
|      |          | %        |              |            |  | m. contamination | †          |  |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            |  |    |                    |       |         |   |
|      |          |          | Feldspar     | 57%        | Mica                                   | 15%              |            | ļ  |    |                    |       |         |   |
|      |          |          | Qtz.         | 25%        | Tourm                                  | 3%               | 2 1        |  |    |                    |       |         |   |
|      |          |          | W            |            |  |                  |            | ļ  |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            |  |    |                    |       | <br>    |   |
|      |          |          |              |            |  |                  |            |  |    |                    |       |         |   |
|      | <u> </u> |          |              |            |  |                  |            | <u> </u>   |    |                    |       |         |   |
|      | -        |          |              |            |  |                  |            | <u> </u>   |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            | <b> </b> -                                       |    |                    |       |         | , |
|      |          |          |              |            |  |                  |            |  |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            | <u> </u>   |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            |  |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            | <del>                                     </del> |    | ·                  |       |         |   |
|      |          |          |              |            |  |                  |            |  |    |                    |       | ;<br>;, |   |
|      |          |          |              |            |  |                  |            | <del> </del>                                     |    |                    |       |         |   |
|      |          |          |              |            | ······································ |                  |            | <del>                                     </del> |    |                    |       |         |   |
|      |          |          |              |            |  |                  |            |  |    |                    | ***** |         |   |
| 1 1  |          |          |              |            |  |                  | 1          | 1  | 1  |                    |       |         |   |

| PROPERTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
| PRUPERIT |             | 0112  |  |

|         | DIP TEST |              |
|---------|----------|--------------|
|         |          | gle          |
| Footage | Reading  | Corrected    |
|         |          |              |
|         |          | <del> </del> |
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|         |          |              |
|         |          | i            |

| Hole No. 86-5 Sheet No. 13 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 |              | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM  | TO   | RECOVERY | DI                   | SCRIPTION     |               | SAMPLE No. | FROM     | то   | WIDTH<br>OF SAMPLE |          |        |          |       |
|-------|------|----------|----------------------|---------------|---------------|------------|----------|------|--------------------|----------|--------|----------|-------|
| D3.65 | 107. | 3.45 m   | Graphic white-light  | grey coarse c | rystalline    | #1         | 05.3     | 105. | B Clean i          | ncontar  | inated | pegmati  | te    |
|       |      | %        | scattered traces of  | tourm         |               |            | <u> </u> |      |                    |          |        |          |       |
|       |      |          |                      |               | ···           |            | ļ        |      |                    |          |        |          |       |
|       |      |          | Feldspar 60%         | Mica          | 15%           |            |          |      |                    |          |        |          |       |
|       |      |          | Qtz. 25%             | Tourm         | trace         | tr         |          |      |                    |          |        |          |       |
| 107.1 | 109. | 2.5 m    | Graphic grey light g | rey med coars | e crystalline |            |          |      |                    |          |        |          |       |
|       |      | %        | contaminated with sc | attered tourm | and garnet    |            |          |      |                    |          |        |          |       |
| 09.6  | 110. | 2 .6 m   | Aplite dark grey v.  | fine crystall | ine           |            |          |      |                    |          |        |          |       |
|       |      | %        |                      |               |               |            | <u> </u> |      |                    |          |        |          |       |
|       |      |          | Feldspar 52%         | Mica          | 20%           |            |          |      | <b></b>            |          |        |          |       |
|       |      |          | Qtz. 20%             | Tourm         | 8%            | 7 1        |          |      |                    |          |        |          | ·     |
|       |      |          | Garnet trac          | e             |               |            | ļ        |      |                    | ļ        |        | <u> </u> | ····· |
| 10.2  | 110  | 4 m      | Equigranular light g | rov fina mod  | cnyctallino   |            | 1        |      |                    |          |        | / /      |       |
| 10.2  | 110. | 100%     | Equipranular Tight 9 | rey ime-med   | Crystatrine   |            |          |      |                    |          |        |          |       |
|       |      |          | Feldspar 51%         | Mica          | 10%           |            |          |      |                    |          |        |          |       |
|       |      |          | Qtz. 35%             | Tourm         | 2%            | 1 1        |          |      |                    | ļ        |        |          |       |
|       |      |          | Garnet 2%            | •             |               |            | <u> </u> |      |                    |          |        |          |       |
| -     |      |          |                      |               |               |            | -        |      |                    |          |        |          |       |
|       |      |          |                      |               |               |            |          |      |                    | <u> </u> |        | <u> </u> |       |

| P       | ROPERTY  | HELL      | ROARING | CREEK                      | HOLE No.     | DDH 86-5    |
|---------|----------|-----------|---------|----------------------------|--------------|-------------|
|         | DIP TEST |           | 1       | ·                          |              |             |
|         | An       | gie       |         |                            |              |             |
| Footage | Reading  | Corrected |         | Hole No. 86-5 Sheet No. 12 | Lat          | Total Depth |
|         |          |           |         | Section                    | Dep          | Logged By   |
|         |          |           |         | Date Begun                 | Bearing      | Claim       |
|         |          |           |         | Date Finished              | Elev. Collar | Core Size   |

Date Logged....

| DEI         | PTH   | 05004554 |                |           |             |       |            |         | <del></del> | WIDTH                                  |                                       |   |   | - |
|-------------|-------|----------|----------------|-----------|-------------|-------|------------|---------|-------------|--|---------------------------------------|---|---|---|
| DE!<br>FROM | ТО    | RECOVERY |                | DESCI     | RIPTION     |       | SAMPLE No. | FROM    | то          | WIDTH<br>OF SAMPLE                     | · · · · · · · · · · · · · · · · · · · |   |   |   |
| 103.0       | 103.6 | 55 .65 m | Block grev lic | nt grev v | . coarse-co | arse  |            |         |             |  |                                       |   |   |   |
|             |       | 100 %    | crystalline    |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          | Feldspar       | 50%       | Mica        | 5%    |            |         |             |  |                                       |   |   |   |
|             |       |          | Qtz.           | 45%       | Tourm       | trace | tr         |         |             |  |                                       |   | , |   |
|             |       |          |                |           | ,           |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       | •        |                |           |             |       |            |         |             |  |                                       |   | 1 |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             | J     | -        |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   | / |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
|             |       |          |                |           |             |       |            |         |             |  |                                       |   |   |   |
| ليسيبيا     |       | <u> </u> |                |           | <del></del> |       | <u> </u>   | نـــــا | <u> </u>    | لـــــــــــــــــــــــــــــــــــــ |                                       | L | L |   |

| DDADEDTV | HELLROARING CREEK |
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| PROPERTY | HELLIOAKING CKEEK |

| HOLE No. | DDH | 86-5 |  |
|----------|-----|------|--|
|----------|-----|------|--|

|         | DIP TEST |           |  |  |  |  |
|---------|----------|-----------|--|--|--|--|
|         | Angle    |           |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |
|         |          |           |  |  |  |  |

| Hole No. 86-5 Sheet No. 11 | Lat.         | Total Depth |
|----------------------------|--------------|-------------|
|                            | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Data Leaned                |              |             |

| 80.9 96.5 5 m    | Graphic light grey med-coarse crystalline scattered high angle fractures generally clean with only scattered traces of tourm and garnet, aplite intervals at 92.4 - 92.6, 94.1, 95.5 - 95.7  Feldspar 65% Mica 15% Qtz. 20% |              |          | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |          |   |          | , |  |
|------------------|---|--------------|----------|---------------------------------------|----------|---|----------|---|--|
| %                | clean with only scattered traces of tourm and garnet, aplite intervals at 92.4 - 92.6, 94.1, 95.5 - 95.7  Feldspar 65% Mica 15%   |              |          | ,                                     |          |   |          | , |  |
|                  | garnet, aplite intervals at 92.4 - 92.6, 94.1, 95.5 - 95.7  Feldspar 65% Mica 15%   |              |          | `                                     |          |   |          | , |  |
|                  | 94.1, 95.5 - 95.7<br>Feldspar 65% Mica 15%  |              |          | ,                                     |          |   |          |   |  |
|                  | Feldspar 65% Mica 15%   |              |          | ,                                     |          |   |          |   |  |
|                  |   |              |          | ,                                     |          |   |          |   |  |
|                  |   |              |          |                                       |          |   |          |   |  |
| 1 1              | Qtz. 20%  |              |          | l .                                   |          |   | 1        |   |  |
|                  |   |              | T        |                                       |          |   |          |   |  |
|                  |   | <del> </del> |          | ļ                                     |          |   |          |   |  |
| 96.5 97.65 1.15  | Block v light grey - light grey v coarse-coarse   |              | ļ        |                                       | <u> </u> | ļ |          |   |  |
|                  | crystalline, occasional large tourm crystals  |              |          |                                       |          |   |          |   |  |
|                  | Feldspar 27% Mica 25%   |              |          |                                       |          |   |          |   |  |
|                  | Qtz. 45% Tourm 3%   | 3            |          |                                       |          |   |          | / |  |
|                  |   |              | <u> </u> |                                       | <b></b>  | ļ |          |   |  |
| 97.65 103.0 5.35 |   |              | ļ        | <u> </u>                              | ļ        | ļ |          | ′ |  |
|                  | crystalline tourm at 100 <sup>0</sup> -100.3, 101.5 - 101.7,  |              | <u> </u> | <b></b>                               |          | ļ | <u> </u> |   |  |
|                  | 102.5 - 102.8 fracture free no Fe staining  |              |          | <u> </u>                              |          |   | <u> </u> |   |  |
|                  |   |              | <u> </u> |                                       |          | ļ | <u> </u> |   |  |
|                  | Feldspar 55% Mica 15%   |              | <u> </u> |                                       |          |   | <b></b>  |   |  |
|                  | Qtz. 30% Tourm trace  | tr tr        |          |                                       |          |   |          |   |  |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|          |                   |

|         | DIP TEST       |           |  |  |  |  |  |  |
|---------|----------------|-----------|--|--|--|--|--|--|
|         | Angle          |           |  |  |  |  |  |  |
| Footage | Reading        | Corrected |  |  |  |  |  |  |
|         |                |           |  |  |  |  |  |  |
|         |                |           |  |  |  |  |  |  |
|         | <u> </u>       |           |  |  |  |  |  |  |
|         | <del> </del>   |           |  |  |  |  |  |  |
| <u></u> | <del> </del> - |           |  |  |  |  |  |  |

| Hole No. 86-5 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                | ,            |             |

| DE! | TH<br>TO | RECOVERY |                     | DESCRIPTION   |                  | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE | 7. |   |   |  |
|-----|----------|----------|---------------------|---------------|------------------|------------|----------|----------|--------------------|----|---|---|--|
|     | 80.9     | 8.3 m    | Graphic grey - ligh | it grey med - | v. coarse crysta | line       |          |          |                    |    |   |   |  |
|     |          | %        | scattered brown st  | ining, contin | uous tourm       |            |          |          |                    |    |   |   |  |
|     |          |          | 78.5 - 78.8         |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          | Feldspar 659        | % Mica        | 8%               |            |          |          |                    |    |   |   |  |
|     |          |          | Qtz. 259            | 6 Tourm       | trace - 2%       | 1 1        |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   | / |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            | <u> </u> |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     | ·····         |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   | / |  |
|     |          |          |                     |               | <u></u>          |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    | ļ |   |  |
|     | ,        |          |                     |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            | <u> </u> |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          | <u> </u> |                    |    |   |   |  |
|     |          |          | •                   |               |                  |            |          |          |                    |    |   |   |  |
|     |          |          |                     |               |                  |            |          |          |                    |    |   |   |  |

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# DIAMOND DE L RECORD

| PROPERTY | HELLROARING CREEK |
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| DIP TEST An  | gle |  |  |  |
|--------------|-----|--|--|--|
| Reading      |     |  |  |  |
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|              |     |  |  |  |
|              | An  |  |  |  |

| Hole No. 86-5 Sheet No. 9 | Lat          |
|---------------------------|--------------|
| Section                   | Dep          |
| Date Begun                | Bearing      |
| Date Finished             | Elev. Collar |
| Date Logged               |              |

| <u>-</u>    | Total Depth |
|-------------|-------------|
|             | Logged By   |
| <del></del> | Claim       |
|             | Core Size   |

| DEF<br>FROM | TH<br>TO | RECOVERY |  | DESC   | RIPTION     |  | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |       | ·       |  |
|-------------|----------|----------|--|--|-------------|--|------------|----------|----------|--------------------|-------|---------|--|
| 67.8        | 70.3     | 2.5 m    | Block dark grey, v. coarse crystalline |  |             |  |            |          |          |                    |       |         |  |
|             |          | %        | continuous qt                          | z. with la                                   | arge mica b | ooks                                   |            |          |          |                    | <br>  |         |  |
|             |          |          |  |  |             |  |            |          |          |                    |       |         |  |
|             |          |          | Feldspar                               | 3%   | Mica        | 7 %                                    |            |          |          |                    |       |         |  |
|             |          |          | Qtz.                                   | 90%  |             |  |            |          |          |                    |       |         |  |
| 70.3        | 71.0     | .7 m     | Graphic grey                           | Graphic grey med-coarse crystalline, heavily |             |  |            |          |          |                    |       |         |  |
|             |          | %        | contaminated                           | with tour                                    | n           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            |          |          |                    |       |         |  |
|             |          |          | Feldspar 45% Mica 10%                  |  |             |  |            |          |          |                    |       |         |  |
|             |          |          | Qtz.                                   | 30%  | Tourm       | 15%                                    | 7 8        |          | <u> </u> |                    |       |         |  |
| 71.0        | 71.4     | .4 m     | Graphic grey                           | med-coars                                    | e crystalli | ne                                     |            |          |          |                    |       |         |  |
|             |          | · 100 %  |  |  |             |  |            |          |          | <u> </u>           | <br>ļ | /       |  |
|             |          |          | Feldspar                               | 45%  | Mica        | 15%                                    |            | <u> </u> |          | ļ                  |       | <b></b> |  |
|             |          |          | Qtz.                                   | 40%  |             |  |            | -        |          |                    |       | -       |  |
| 71.4        | 72.6     | 1.2 m    | Block light                            | grev-white                                   | v.coarse o  | rystalline                             |            |          |          |                    |       |         |  |
|             |          | %        |  | Block light grey-white v.coarse crystalline  |             |  |            |          |          |                    |       |         |  |
|             |          |          | Feldspar                               | 30%  | Mica        | 30%                                    |            |          |          |                    |       |         |  |
|             |          |          | Qtz.                                   | 40%  |             |  |            |          |          |                    |       |         |  |

PROPERTY HELLROARING CREEK

| DIP TEST Angle |         |           |  |  |  |  |  |
|----------------|---------|-----------|--|--|--|--|--|
| Footage        | Reading | Corrected |  |  |  |  |  |
|                |         |           |  |  |  |  |  |
|                |         |           |  |  |  |  |  |
|                |         |           |  |  |  |  |  |
|                |         |           |  |  |  |  |  |

| Hole No. 86-5 Sheet No. 8 | Lot.         | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEP<br>FROM | TH<br>TO | RECOVERY |          |                                       | DESC     | RIPTION  |                 | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |              |          |   |
|-------------|----------|----------|----------|---------------------------------------|----------|----------|-----------------|------------|------|----|--------------------|--------------|----------|---|
|             |          |          | ·        |                                       |          |          |                 |            |      |    |                    |              |          |   |
| 67.2        | 67.8     | .6 m     | Graphic  | grey -                                | light gr | rev medv | . coarse crysta | lline      |      |    |                    |              |          |   |
|             |          | %        | heavily  |                                       |          |          |                 | · · · · ·  |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          | Feldspar | ^                                     | 50%      | Mica     | 5%              |            |      |    |                    |              |          |   |
|             |          |          | Qtz.     |                                       | 30%      | Tourm    | 15%             | 6 9        |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              | 1        |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              |          |   |
|             |          |          |          |                                       |          |          |                 |            |      |    |                    |              | ′        |   |
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Date Logged\_

| F       | PROPERTY | HE_              | LLROARING CREEK           | HOLE N.     | DDH_86-5    |
|---------|----------|------------------|---------------------------|-------------|-------------|
|         | DIP TEST | -4-              |                           |             |             |
| Footage | Reading  | gle<br>Corrected | Hole No. 86-5 Sheet No. 7 | Lot         | Total Depth |
|         | <u> </u> | <u> </u>         | Section                   | Dep         | Logged By   |
|         |          |                  | Date Begun                | Bearing     | Claim       |
|         | <b></b>  |                  | Data Finished             | Fley Collar | Core Size   |

| DEF   | TH<br>TO | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM                                   | то       | WIDTH<br>OF SAMPLE |       |    |  |
|-------|----------|----------|---|------------|--|----------|--------------------|-------|----|--|
| 51.9  | 52.75    | .85 m    | Block grey - dark grey coarse -v. coarse crystall | ine        |  |          |                    |       |    |  |
|       |          | %        | fractured   |            |  |          |                    | <br>  |    |  |
|       |          |          |   |            |  |          |                    |       |    |  |
|       |          |          | Feldspar 40% Mica 20-25%                          |            |  |          |                    |       |    |  |
|       |          |          | Qtz. 35-40%                                       |            |  |          |                    | <br>  |    |  |
|       |          |          |   |            |  |          |                    |       |    |  |
| 52.75 | 62.0     | 9.25 m   | Graphic grey - light grey medcoarse crystalline   |            |  |          |                    |       |    |  |
|       |          | %        | some fracture zones, scattered tourm.             |            |  |          |                    |       |    |  |
|       |          |          | crystals at 52.7 - 53 m                           |            |  |          |                    |       |    |  |
|       |          |          |   |            | <u> </u>                               |          |                    |       |    |  |
|       |          |          | Feldspar 65% Mica 10%                             |            |  |          |                    |       |    |  |
|       |          |          | Qtz. 25% Tourm trace                              | tr         |  |          |                    |       |    |  |
| 62.0  | 67.2     | · 5.2 m  | Graphic white - light grey medcoarse crystallin   | e          |  |          |                    |       | ,  |  |
|       |          | %        | thin block zone at 62.85 - 63 m scattered         |            | ·                                      |          | <u> </u>           |       |    |  |
|       |          |          | tourm crystals throughout                         |            |  | <u> </u> |                    |       |    |  |
|       |          |          | •   |            |  |          |                    |       |    |  |
|       |          |          | Feldspar 57% Mica 15-12%                          |            |  | <u> </u> |                    |       |    | <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> |
|       |          |          | Qtz. 25% Tourm 3%                                 | 1 2        |  |          |                    | <br>· |    |  |
|       |          |          |   |            |  |          |                    |       |    |  |
|       |          |          |   |            |  |          |                    |       |    |  |
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| PROPERTY | HELLROARING | CREEK |
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| DIP TEST    |              |           |  |  |  |  |  |  |
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| Footage     | Reading      | Corrected |  |  |  |  |  |  |
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| Hole No. 86-5 Sheet No. | Lot          | Total Depth |
|-------------------------|--------------|-------------|
| Section                 | Dep          | Logged By   |
| Date Begun              | Bearing      | Claim       |
| Date Finished           | Elev. Collar | Core Size   |
| Date Logged             |              |             |

| DE!  | TO | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |   |          |       |         |
|------|----|----------|---|------------|----------|----------|--------------------|---|----------|-------|---------|
| 42.0 |    | 9.9 m    | Graphic grey - light green fine-coarse crystallin | e          |          |          |                    |   |          |       |         |
|      |    | %        | scattered fracture zones with some Fe staining    |            |          |          |                    |   |          |       |         |
|      |    |          |   |            |          |          |                    |   |          |       |         |
|      |    |          | Feldspar 50% Mica 10%                             | ·          |          |          |                    |   |          |       |         |
|      |    |          | Qtz. 40%  |            |          |          |                    |   |          |       |         |
|      |    |          |   |            |          |          |                    |   |          |       |         |
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|         | Angle        |           |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |
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| Hole No. 86-5 Sheet No. 5 |              | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DEF<br>FROM | TO TO | RECOVERY     | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |         |  |  |
|-------------|-------|--------------|--|------------|------|----|--------------------|---------|--|--|
| 19.2        | 20.7  | 5 1.55 m     | Equigranular light grey fine-med crystalline,          |            |      |    |                    |         |  |  |
|             |       | 100%         | traces of disseminated tourm                           |            |      |    | ·                  |         |  |  |
|             |       |              | Feldspar 64% Tourm 1%<br>Otz. 35%                      | 1 0        |      |    |                    |         |  |  |
| 20.7        | 39.2  | <del> </del> |  |            |      |    |                    |         |  |  |
|             | ·     | %            | finely fractured throughout, scattered traces of tourm |            |      |    |                    | <u></u> |  |  |
|             |       |              |  |            |      |    |                    |         |  |  |
|             |       |              | Feldspar 65-70% Mica 10%                               |            |      |    |                    |         |  |  |
|             |       |              | Qtz. 20-25% Tourm trace                                | tr         |      |    |                    | <u></u> |  |  |
| 39.2        | 42.0  | 2.75 m       | Graphic grey - dark grey med-coarse crystalline        |            |      |    |                    |         |  |  |
|             |       | %            | scattered Fe staining, scattered fractures             |            |      |    |                    |         |  |  |
|             |       |              | and increasing qtz. content                            |            |      |    |                    |         |  |  |
|             |       |              | Feldspar 55% Mica 5%                                   |            | ļ    |    |                    |         |  |  |
|             |       |              | Qtz. 40%   |            |      |    |                    |         |  |  |
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PROPERTY HELLROARING CREEK

|  | DIP TEST     |           |  |  |
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|  | Angle        |           |  |  |
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| Hole No. 86-5 Sheet No. 4 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Оер          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| FROM | TO   | RECOVERY |              | DESC                                   | RIPTION     |   | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |   |   |       |
|------|------|----------|--------------|--|-------------|---|------------|----------|----------|--------------------|---|---|-------|
| 17.2 | 19.2 | 2 m      | Graphic ligh | t grey - gr                            | rey med-coa | rse crystalline,  |            |          |          |                    |   |   |       |
|      |      | 95%      | traces of Fe | staining s                             | scattered o | over fracture   |            |          |          |                    |   |   |       |
|      |      |          | faces, abund | ant dissem                             | inated tour | <b>^</b> m  |            |          |          |                    |   |   |       |
|      |      |          |              |  |             |   | ·          |          |          |                    |   |   |       |
|      |      |          | Feldspar     | 42%                                    | Mica        | 25%   |            |          |          |                    |   |   |       |
|      |      |          | Qtz.         | 25%                                    | Tourm       | 8%  | 8 0        |          |          |                    |   |   |       |
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PROPERTY HELLROARING CREEK

|             | DIP TEST     |           |  |  |  |
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| Hole No. 86-5 Sheet No. 3 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE    | PTH  | RECOVERY | OESCRIPTION WIDTH                                |
|-------|------|----------|--|
| FROM  | 70   | MECOVERI | DESCRIPTION SAMPLE No. FROM TO OF SAMPLE         |
| 9.95  | 13.1 | 3.15 m   | Equigranular light grey - grey fine-med.         |
|       |      | %        | crystalline disseminated fine crystalline tourm  |
|       |      |          |  |
|       |      |          | Feldspar 51% Mica 15-20%                         |
|       |      |          | Qtz. 25% Tourm 6% 6 0                            |
|       |      |          | Garnet trace - 3%                                |
|       |      |          |  |
| 13.1  | 15.7 | 5 2.65 m | Graphic grey - light grey med - v.coarse         |
|       |      | %        | crystalline large tourm. crystals at 15.5 m      |
|       |      |          | scattered fine crystalline tourm                 |
|       |      |          |  |
|       |      |          | Feldspar 55% Mica 15-20%                         |
|       |      |          | Otz. 25% Tourm 4% 3 1                            |
|       |      |          |  |
| 15.75 | 17.2 |          | Fquigranular v. light grey - light grey fine-med |
|       |      | 100%     | crystalline, scattered disseminated tourm        |
|       |      |          |  |
|       |      |          | Feldspar 56% Mica 7%                             |
|       |      |          | Qtz. 35% Tourm 2% 1 1                            |
|       |      |          |  |
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PROPERTY HELLROARING CREEK

|         | DIP TEST |           |  |  |  |
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|         | Angle    |           |  |  |  |
| Footage | Reading  | Corrected |  |  |  |
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| Hole No. 86-5 Sheet No. 2 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| 5 4.75 m |   | <b>a</b>   | LUCH   | TO                  | WIDTH<br>OF SAMPLE  |                     | }                   | <b>,</b>            |                     |
|----------|---|--|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|          | Graphic grey med-coarse crystalline scattered   |  |  |                     |                     |                     |                     |                     |                     |
| %        | brown Fe staining on fracture faces large tourm |  |  |                     |                     |                     |                     |                     |                     |
|          | crystals 4.2 - 5.4, with disseminated tourm     |  |  |                     |                     |                     |                     |                     |                     |
|          | crystals throughout                             | •  |  |                     |                     |                     |                     |                     |                     |
|          |   | <u> </u>   |  |                     |                     |                     |                     |                     |                     |
| -        |   |  | <u> </u>   |                     |                     |                     |                     |                     | <b></b>             |
| _        | <u>Otz.</u> 35% Tourm 5%                        | 4 1  | <b> </b>   |                     |                     |                     |                     |                     | <u> </u>            |
|          | Garnet trace                                    |  | ļ  |                     |                     |                     |                     |                     |                     |
|          |   |  |  |                     |                     |                     |                     |                     |                     |
|          |   |  |  |                     |                     |                     |                     |                     |                     |
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|          |   |  |  |                     |                     |                     |                     |                     |                     |
|          |   |  |  |                     |                     |                     |                     |                     |                     |
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|          |   |  |  |                     |                     |                     |                     |                     |                     |
|          |   |  |  |                     |                     |                     |                     |                     |                     |
|          |   | crystals throughout  Feldspar 45% Mica 15-20%  Qtz. 35% Tourm 5% | crystals throughout           Feldspar         45%         Mica         15-20%           Qtz.         35%         Tourm         5%         4         1 | crystals throughout | Crystals throughout | Crystals throughout | Crystals throughout | Crystals throughout | Crystals throughout |

HELLROARING CREEK PROPERTY\_

DDH 86-5 HOLE No. -

3.5 cm BQ

|         | DIP TEST     |           |  |  |  |  |  |
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|         | Angle        |           |  |  |  |  |  |
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| tole Ne. <u>86-5</u> sheet Ne. <u>1</u> | Lot                       | Total Depth 119.78 m |
|---|---------------------------|----------------------|
| Section                                 | Dep                       | Logged By D.H.       |
| Date Begun                              | Bearing -70° @ 295°       | Claim                |
| Date Finished                           | Flow College and a second | 3.5 cm BO            |

| DEF | TO  | RECOVERY |  | DESC       | RIPTION                               |                   | SAMPLE        | No.      | FROM | то | WIDTH<br>OF SAMPLE |   | T  | T |
|-----|-----|----------|--|------------|---------------------------------------|-------------------|---------------|----------|------|----|--------------------|---|----|---|
| 2.0 |     | 2 m      | Graphic light  | grey, gre  | y brown (                             | some Fe staining) | TOURM<br>v.ff | %<br>m_( | _    |    | OF SAMPLE          |   |    |   |
|     |     |          | f med. cry   | stalline,  | abundant                              | tourm with        |               |          |      |    |                    | 1 | 1/ | 1 |
|     |     |          | scattered gar  | net        |                                       |                   |               |          |      |    |                    |   |    |   |
|     |     |          | Feldspar<br>Qtz.   | 45%<br>35% | Mica<br>Tourm                         | 8%<br>10%         | 6             | 4        |      |    |                    |   |    |   |
| 4.0 | 4.3 | .3 m     | Equigranular<br>finely dissem  |            |                                       | -med. crystalline |               |          |      |    |                    |   |    |   |
|     |     |          | Feldspar<br>Otz.   | 58%<br>35% | Mica :<br>Tourm                       | trace<br>7%       | 7             | 0        |      |    |                    |   |    |   |
| 4.3 | 5.2 | .9 m     | Graphic light grey coarse crystalline with traces of finely disseminated tourm |            |                                       |                   |               |          |      |    |                    |   |    |   |
|     |     |          | Feldspar<br>Qtz.   | 60%<br>27% | Mica<br>Tourm.                        | 12%<br>trace - 1% | tr-1          |          |      |    |                    |   |    |   |
|     |     |          |  |            | · · · · · · · · · · · · · · · · · · · |                   |               |          |      |    |                    |   |    |   |

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|         | DIP TEST    |           |                           |              |         |
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|         | <del></del> | gie       | Hole No. 86-6 Sheet No. 8 |              |         |
| Footage | Reading     | Corrected | Hole No Sheet No          | _ Lot        | Total   |
|         |             |           | Section                   | Dep          | Logged  |
|         |             |           | Date Begun                | _ Bearing    | Claim_  |
|         | ļ           |           | Date Finished             | Elev. Collar | Core Si |
|         |             |           | V414   IIII 104           |              | 00,00   |
|         | <u> </u>    |           | Date Logged               | •            |         |

| DE!<br>FROM | TO    | RECOVERY |  | DES                                   | CRIPTION                               |       | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |          | ,   |  |
|-------------|-------|----------|--|---------------------------------------|--|-------|------------|----------|----|--------------------|----------|-----|--|
| 49.8        | 50.65 |          | Equigranula                            | ar light grey                         | - grey fine-                           | -med. |            |          |    |                    |          |     |  |
|             |       |          | crystalline                            | abundant cr                           | ystalline tou                          | ırm.  |            |          |    | ·                  |          |     |  |
|             |       |          |  |                                       |  |       |            |          |    |                    |          |     |  |
|             |       |          | Feldspar                               | 60%                                   | Mica tr.                               |       |            |          |    |                    |          |     |  |
|             |       |          | Qtz.                                   | 30%                                   | Tourm                                  | 10%   | 8 2        |          |    |                    | <br>     | ļ   |  |
| ·           |       |          |  |                                       |  |       |            |          |    |                    | <br>     |     |  |
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|             |       |          |  |                                       |  |       |            | <u> </u> | ļ  |                    | <br>     |     |  |
|             |       |          |  | <u></u>                               |  |       |            |          |    |                    |          |     |  |
|             |       |          |  |                                       | · · · · · · · · · · · · · · · · · · ·  |       |            | ļ        |    |                    |          |     |  |
|             |       |          | W                                      |                                       |  |       |            |          |    |                    |          | ,   |  |
|             |       |          |  |                                       |  |       |            | <u> </u> | ļ  |                    | <br>     |     |  |
|             |       |          |  |                                       |  |       |            | ļ        |    |                    | <br>ļ    | , , |  |
|             |       | -        |  |                                       |  |       |            |          |    |                    | <br>     |     |  |
|             |       |          |  | · · · · · · · · · · · · · · · · · · · |  |       |            | <b></b>  |    |                    | <br>     |     |  |
|             |       |          |  |                                       |  |       |            |          |    |                    | <br>     |     |  |
|             |       |          |  |                                       |  | ····  |            |          |    |                    |          |     |  |
|             |       |          |  |                                       |  |       |            |          |    |                    | ļ        |     |  |

## DIAMOND DR \_ RECORD

| PROPERTY. | HELLROARING | CRFFK    |
|-----------|-------------|----------|
|           |             | <u> </u> |

| <u>UH</u> | 86-6      |
|-----------|-----------|
|           | <u>UH</u> |

| DIP TEST     |           |  |  |  |  |  |  |  |  |
|--------------|-----------|--|--|--|--|--|--|--|--|
| Angle        |           |  |  |  |  |  |  |  |  |
| Reading      | Corrected |  |  |  |  |  |  |  |  |
|              |           |  |  |  |  |  |  |  |  |
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|              |           |  |  |  |  |  |  |  |  |

| Hole No. 86-6 Sheet No. 9 |              | Total Depth |
|---------------------------|--------------|-------------|
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               | •            |             |

| FROM  | TO   | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |   |  |
|-------|------|----------|--|------------|------|----|--------------------|--|---|--|
| 50.69 | 52.1 |          | Block light grey - grey brown (Fe stained) coarse  |            |      |    |                    |  |   |  |
|       |      |          | crystalline, Fe staining on fracture faces   |            |      |    |                    |  |   |  |
|       |      |          | Feldspar 58% Mica tr-2%  |            |      |    |                    |  |   |  |
|       |      |          | Qtz. 40% Tourm tr.   | tr         |      |    |                    |  |   |  |
| 52.1  | 56.9 |          | Graphic light grey - grey fine-coarse crystalline scattered fracture zones with Fe staining                      |            |      |    |                    |  |   |  |
|       |      |          | crystalline tourm. at 55.8   |            |      |    |                    |  |   |  |
|       |      |          | Feldspar         55%         Mica 10%           Qtz.         35%   |            |      |    |                    |  | , |  |
| 56.9  | 58.1 |          | Equigranular grey light - grey fine crystalline scattered tourm, disseminated with Fe staining on fracture faces |            |      |    |                    |  | 1 |  |
|       |      |          | Feldspar 55% Mica 5%   |            |      |    |                    |  |   |  |
|       |      |          | Qtz. 35% Tourm. 5%   | 4 1        |      |    |                    |  |   |  |
|       |      |          |  |            |      |    |                    |  |   |  |

# DIAMOND DR \_ RECORD

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|----------|-------------|-------|

| DIP TEST |              |           |  |  |  |  |  |  |  |
|----------|--------------|-----------|--|--|--|--|--|--|--|
|          | Angle        |           |  |  |  |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |  |
|          | ļ            |           |  |  |  |  |  |  |  |
|          | ļ            |           |  |  |  |  |  |  |  |
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|          |              |           |  |  |  |  |  |  |  |

| Hole No. 86-6 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE!         | TO   | RECOVERY |              | DESCR         | RIPTION                               |     | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |             |          |   |  |
|-------------|------|----------|--------------|---------------|---------------------------------------|-----|------------|----------|----------|--------------------|-------------|----------|---|--|
|             | 59.7 |          | Block grey v | . coarse crys | talline                               |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          | Feldspar     | 55%           | Mica                                  | 15% |            |          |          |                    |             |          |   |  |
|             |      |          | Otz.         | 25%           | Tourm.                                | 5%  | 2 3        |          | ļ        |                    |             |          |   |  |
|             |      |          | Garnet       | 5%            |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               | · · · · · · · · · · · · · · · · · · · |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    | <del></del> |          |   |  |
| <del></del> |      |          |              |               |                                       |     |            |          |          |                    |             | <b>-</b> |   |  |
|             |      |          |              |               |                                       |     |            | -        | <u> </u> |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          | ļ        |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          | <b> </b> |                    |             |          | , |  |
|             |      |          |              |               |                                       |     |            | <u> </u> |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      | -        |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |
|             |      |          |              |               |                                       |     |            |          |          |                    |             |          |   |  |

# DIAMOND DRILL RECORD

| DDODEDTY | HELLROARING CREEK  |
|----------|--------------------|
| PROPERTY | HEEEKOAKTIVO OKEEK |

| HOLE N. | DDH | 86-6 |
|---------|-----|------|
|---------|-----|------|

|         | DIP TEST |           |  |  |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|--|--|
|         | An       | gle       |  |  |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |  |
|         | -        |           |  |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |  |

| Hole No. 86-6 Sheet No. 11 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

|             |          |          |             | 5476           |                |             | _        |          |          |          |                    |                                       |          |          |   |
|-------------|----------|----------|-------------|----------------|----------------|-------------|----------|----------|----------|----------|--------------------|---------------------------------------|----------|----------|---|
| DEP<br>FROM | TH<br>TO | RECOVERY |             | DESCR          | IPTION         |             | SAMP     | LE Na    | FROM     | то       | WIDTH<br>OF SAMPLE |                                       |          |          |   |
| 59.7        | 61.3     |          | Equigranula | r v. light gre | y fine-med. cr | ystalline   |          |          |          |          |                    | · · · · · · · · · · · · · · · · · · · |          |          | _ |
|             |          |          | with scatte | red disseminat | ed tourm. frac | ture zones  |          |          |          |          |                    |                                       | <u> </u> |          |   |
|             |          |          | and Fe stai | ning throughou | t              |             | <u> </u> |          |          |          |                    |                                       |          |          |   |
|             |          |          |             |                |                |             |          |          |          |          |                    |                                       |          |          |   |
|             |          |          | Feldspar    | 5%             | Mica           | 5-10%       | <u> </u> |          |          |          |                    |                                       |          |          |   |
|             |          |          | Otz.        | 30%            | Tourm.         | 5%          | 5        | <u> </u> |          |          |                    |                                       |          |          |   |
|             |          |          | ,           |                |                |             |          |          |          |          |                    |                                       | <u> </u> |          | _ |
| 61.3        | 67.6     |          | Block grey  | - light grey c | oarse-v. coars | ie          |          |          |          |          |                    |                                       |          |          | _ |
|             |          |          |             | scattered tou  |                |             |          |          |          |          |                    |                                       |          |          | ╀ |
|             |          |          | Fe staining |                |                |             |          |          |          |          |                    |                                       |          |          |   |
|             |          |          |             |                |                |             |          |          |          |          |                    |                                       |          |          |   |
|             |          |          | Feldspar    | 50%            | Mica           | 25%         |          |          |          |          |                    |                                       |          |          |   |
|             |          |          | Otz.        | <b>2</b> 8%    | Tourm.         | tr- 2%      | 1        | tr       |          |          |                    |                                       |          | _        | _ |
|             |          |          |             |                |                |             |          |          |          |          |                    |                                       |          |          | _ |
| 67.6        | 72,0     |          | Graphic gre | y - light grev | Fe stained or  | fracture    |          |          | ļ        |          |                    |                                       | ļ        |          | _ |
|             |          |          | surfaces co | arse-v. coarse | crystalline o  | rading      |          |          |          |          |                    |                                       | <u> </u> |          |   |
|             |          |          |             | vstallinity, o |                |             |          |          |          |          |                    |                                       |          |          |   |
|             |          |          |             |                |                |             |          |          | <u> </u> |          |                    |                                       |          |          |   |
|             |          |          | Feldspar    | 51%            | Mica           | 10-15%      |          |          |          |          | <u> </u>           |                                       | •        |          |   |
|             |          |          | Otz.        | 35%            | Tourm.         | 4%          | 4        | 0        |          |          |                    |                                       |          | <u> </u> |   |
|             |          |          |             |                |                |             |          |          |          |          |                    |                                       |          |          |   |
|             |          | L        |             |                | ····           | <del></del> | <u> </u> |          | Ц        | <u> </u> | <u></u>            | L                                     | ل        | <u></u>  |   |

| PROPERTY | HELLROARING CREEK | HOLE No. DDH 86-6 |
|----------|-------------------|-------------------|
|----------|-------------------|-------------------|

|          | DIP TEST     |           |                            |              |             |
|----------|--------------|-----------|----------------------------|--------------|-------------|
|          | Ang          | gle       |                            |              |             |
| Footage  | Reading      | Corrected | Hole No. 86-6 Sheet No. 12 | Lat          | Total Depth |
|          |              |           | Section                    | Dep          | Logged By   |
|          | <del> </del> |           |                            |              | Claim       |
| <u> </u> | <del> </del> |           | Date Begun                 | Bearing      | •           |
|          | 1            |           | Date Finished              | Elev. Collar | Core Size   |
|          | 11           |           | Date Logged                |              |             |

| DEP<br>FROM | TH_  | RECOVERY |             | DESC          | RIPTION                               |  | SAMPLE No.  | FROM     | TO | WIDTH<br>OF SAMPLE |          |   |             |
|-------------|------|----------|-------------|---------------|---------------------------------------|--|-------------|----------|----|--------------------|----------|---|-------------|
|             |      |          |             |               |                                       |  | JAMI'LL III | - NOM    | 10 | OF SAMPLE          | <br>     |   |             |
| 72.0        | 74.7 |          |             |               | brown (Fe sta                         | ined)                                  |             |          |    |                    |          |   |             |
|             |      |          | scattered d | isseminated t | ourm.                                 |  |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             |      |          | Feldspar    | 55%           | Mica                                  | 12%                                    |             |          |    |                    |          |   |             |
|             |      |          | Qtz.        | <b>2</b> 5%   | Tourm.                                | 3%                                     | 3 0         |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          | , |             |
|             |      |          |             |               | ·                                     |  |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    | <br>     |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    | <u> </u> |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          | 1 |             |
|             |      |          |             |               | · · · · · · · · · · · · · · · · · · · | ······································ |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             |      | -        |             |               |                                       | · · · · · · · · · · · · · · · · · · ·  |             | <u> </u> |    |                    |          |   | <del></del> |
|             |      |          |             |               |                                       | ******                                 |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             |      |          |             |               |                                       |  |             |          |    |                    |          |   |             |
|             | .    |          |             |               |                                       |  |             |          |    |                    |          |   |             |

| PROPERTY_   | HELLROARING | CREEK |
|-------------|-------------|-------|
| 1 11VI EIVI |             |       |

|         | DIP TEST     |           |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|
|         | An           | gle       |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |
|         | <del></del>  |           |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |
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|         | <u> </u>     |           |  |  |  |  |  |  |  |

| Hole No. 86-6 Sheet No. 13 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun                 |              | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DEPTH<br>FROM TO |      | RECOVERY | DESCRIPTION                                    |               |                                  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |          |   |  |
|------------------|------|----------|--|---------------|----------------------------------|------------|------|----|--------------------|---|----------|---|--|
| 74.7             | 77.3 |          | Block grey coarse-v. coarse crystalline        |               |                                  |            |      |    |                    |   |          |   |  |
|                  |      |          | scattered to                                   | ourm. crystal | S                                |            |      |    |                    |   |          |   |  |
|                  |      |          |  | ·····         |                                  |            |      |    |                    |   |          |   |  |
|                  |      |          | Feldspar                                       | 45%           | Mica                             | 15-20%     |      |    |                    |   |          |   |  |
|                  |      |          | Qtz.   | 35%           | Tourm.                           | tr         | tr   |    |                    |   | <u> </u> |   |  |
| 77.3 80.1        |      |          |  |               | orown f. cryst<br>≘avily tourm o |            |      |    |                    |   |          |   |  |
|                  |      |          | Feldspar                                       | 45%           | Mica                             | 12%        |      | ·  |                    |   |          |   |  |
|                  |      |          | Otz.   | 28%           | Tourm.                           | 15%        | 13 2 |    |                    |   |          |   |  |
| 80.1             | 83.8 |          | Graphic grey, dark grey brown (Fe stained) med |               |                                  |            |      |    |                    |   |          | , |  |
|                  |      |          | and Fe stai                                    |               |                                  | iractured  |      |    |                    |   |          |   |  |
|                  |      |          | Feldspar                                       | 43%           | Mica                             | 15-20%     |      |    |                    | · |          |   |  |
|                  |      |          | Qtz.   | 25%           | Tourm.                           | 12%        | 10 2 |    |                    |   |          |   |  |
| 83.8             | 95.4 |          | Diorite  |               |                                  |            |      |    |                    |   |          |   |  |
|                  |      |          | E.O.H.   |               |                                  |            |      |    |                    |   |          |   |  |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|          |                   |

HOLE N. DDH 86-7

125.88 m D.H.

|         | DIP TEST |           |  |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|--|
|         |          | gle       |  |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
|         | <u> </u> |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |

| Hole No. 86-7 Sheet No. 1 |                       | Total Depth 125.88 m<br>Logged By D.H. |
|---------------------------|-----------------------|--|
| Section 1+00N/0+06E       | Dep                   |  |
| Date Begun                |                       | Claim                                  |
| Date Finished             | Elev. Collar 1598.5 m | core size 3.5 cm BO                    |
| Date Logged               |                       |  |

| FROM | TO  | RECOVERY | DESCRIPTION              |               | SAMPLE      |                | 1 3              | TO       | WIDTH<br>OF SAMPLE |             |   |       |          |  |
|------|-----|----------|--------------------------|---------------|-------------|----------------|------------------|----------|--------------------|-------------|---|-------|----------|--|
| 2.1  | 2.5 | .4 m     | Block grey,              | light grey    | v. coarse   | crystalline    | TOURM<br>v.f-f.i | %<br>m−c |                    |             |   |       |          |  |
|      |     |          | scattered la             | rge tourm     | crystals    |                |                  |          |                    |             |   |       |          |  |
|      |     |          | Feldspar                 | 46%           | Mica        | 2%             |                  |          |                    |             |   |       |          |  |
|      |     |          | Qtz.                     | 30%           | Tourm       | 4%             | 2                | 2        |                    |             |   |       |          |  |
| 2.5  | 7.4 | 4.9 m    | Graphic grey             | , light bro   | ey Fe stair | ned throughout |                  |          |                    |             |   |       |          |  |
|      |     |          | coarse crysta            | alline, to    | urm concent | trate          |                  |          |                    |             |   |       |          |  |
|      |     |          | Feldspar                 | 60%           | Mica        | 5%             |                  |          |                    |             |   |       |          |  |
|      |     |          | Qtz.                     | 30%           | Tourm       | 5%             | 4                | 1        |                    | <del></del> |   |       |          |  |
| 7.4  | 8.9 | 1.5 m    | Block light              | grey (Fe s    | tained thro | oughout)       |                  |          |                    |             |   |       |          |  |
|      |     |          | coarse cryst<br>Feldspar | alline<br>60% | Mica        | 5%             |                  |          |                    |             |   |       | 1        |  |
|      |     | -        | Qtz.                     | 35%           |             |                |                  |          |                    |             | · |       |          |  |
| 8.9  | 9.8 | .9 m     | Graphic ligh             | t grey (Fe    | stained t   | hroughout)     |                  |          |                    |             |   |       |          |  |
|      |     |          | med-coarse c             | rystalline    | , scattere  | d tourm        |                  |          |                    |             |   | <br>· | <u> </u> |  |
|      |     |          | Feldspar                 | 62%           | Mica        | 3%             |                  |          |                    |             |   | <br>J |          |  |
|      |     |          | Qtz.                     | 32%           | Tourm       | 3%             | 2                | 1        |                    |             |   |       |          |  |

| PROPERTY | HELLROARING CREEK |
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| INVELNII |                   |

|         | DIP TEST     |           |  |  |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|--|--|
|         | An           | gle       |  |  |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |  |  |
|         | ļ            |           |  |  |  |  |  |  |  |  |  |
|         | <del> </del> | <u> </u>  |  |  |  |  |  |  |  |  |  |
|         | <del> </del> |           |  |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |  |

| Hole No. 86-7 Sheet No. 2 | l at         | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
|                           |              |             |
|                           | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               | •            |             |

| DEF  | TO   | RECOVERY | · · · · · · · · · · · · · · · · · · · | ESCRIPTION    |               | SAMPLE No | FROM         | то       | WIDTH<br>OF SAMPLE |   |              |   |       |
|------|------|----------|---------------------------------------|---------------|---------------|-----------|--------------|----------|--------------------|---|--------------|---|-------|
| 9.8  | 11.8 | 2 m      | Block light grey (F                   | e stained thr | roughout)     |           |              |          |                    |   |              |   |       |
|      |      |          | v. coarse crystalli                   | ne scattered  | garnet, large |           |              |          |                    |   |              |   |       |
|      |      |          | tourm. crystals 0 1                   | 2 m           |               |           |              |          |                    |   |              |   |       |
|      |      |          |                                       |               |               |           |              |          |                    |   |              |   |       |
|      |      |          | Feldspar 53%                          | Mica          | 10%           |           |              |          |                    |   |              | / |       |
|      |      |          | Qtz. 35%                              | Tourm         | trace         |           |              |          |                    |   | <u> </u>     |   |       |
|      |      |          | Garnet 2%                             |               |               |           |              |          |                    |   |              |   |       |
|      |      |          |                                       |               |               |           |              |          |                    |   |              |   |       |
| 11.8 | 15.7 | 3.9 m    | Graphic grey some F                   | e staining, a | abundant      |           |              | ļ        |                    |   | <u> </u>     |   |       |
|      |      |          | disseminated tourm,                   | med-coarse d  | crystalline   |           | <u>.</u>     |          |                    |   |              |   |       |
|      |      |          | traces of garnet, m                   | ica books @ ] | 13.90 - 14.20 |           |              | <u> </u> |                    |   |              |   |       |
|      |      |          |                                       |               |               |           |              | ļ        |                    |   |              |   |       |
|      |      |          | Feldspar 52%                          | Mica          | 12%           |           | <u> </u>     | ļ        | <b>_</b>           |   |              |   |       |
|      |      |          | Qtz 30%                               | Tourm         | 6%            |           | 4            | ļ        |                    |   |              | / |       |
|      |      |          |                                       |               |               |           | <u> </u>     | ļ        |                    |   | ļ            | ļ |       |
| 15.7 | 16.7 | ] m      | Block light grey. o                   | lean          |               |           | <del> </del> | <u> </u> |                    |   |              | ļ | ļ<br> |
|      |      |          |                                       |               |               |           | -            | ļ        |                    |   | <del> </del> | ļ |       |
|      |      |          | Feldspar 70%                          | Mica          | 5%            | _         | <del> </del> | <u> </u> |                    |   | <u> </u>     |   |       |
|      |      |          | Qtz. 25%                              |               |               | 0 0       | <u> </u>     | <u> </u> |                    | ļ | <u> </u>     |   |       |
|      |      |          |                                       |               |               |           | ļ            |          |                    |   | ļ            |   |       |
|      |      |          |                                       |               |               |           |              |          |                    |   |              |   |       |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|          |                   |

|         | DIP TEST   |           |                           |              |             |
|---------|--|-----------|---------------------------|--------------|-------------|
|         | An   | gle       | 86-7 3                    |              |             |
| Footage | Reading  | Corrected | Hole No. 86-7 Sheet No. 3 | Lat          | Total Depth |
|         | ļ  |           | Section                   | Dep          | Logged By   |
|         | <del>                                     </del> |           |                           | 0            | Claim       |
|         |  |           | Date Begun                | Bearing      | Claim       |
|         |  |           | Date Finished             | Elev. Collar | Core Size   |
|         | <u> </u>   |           | Onto Longo d              |              |             |
|         |  |           | Date Logged               | •            |             |

| DEF<br>FROM | TO   | RECOVERY |              | DESC                                   | RIPTION     |                                  | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |  |   |  |
|-------------|------|----------|--------------|--|-------------|----------------------------------|------------|----------|----|--------------------|--|---|--|
| 16.7        | 22.2 | 5.5 m    | Graphic ligh | t grey med                             | -coarse cry | stalline                         |            |          |    |                    |  |   |  |
|             |      |          |              | scattered traces of garnet             |             |                                  |            |          |    |                    |  |   |  |
|             |      |          |              |  |             |                                  |            |          |    |                    |  |   |  |
|             |      |          | Feldspar     | 60%                                    | Mica        | 12%                              |            |          |    |                    |  | , |  |
|             |      |          | Qtz.         | 25%                                    | Garnet      | 3%                               | 0 0        |          |    |                    |  |   |  |
|             |      |          |              | ···· · · · · · · · · · · · · · · · · · |             |                                  |            |          |    |                    |  |   |  |
|             |      |          |              |  |             |                                  |            |          |    |                    |  |   |  |
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|             |      |          |              |  |             |                                  |            |          |    |                    |  |   |  |
|             |      |          |              |  |             | dentile and factor of the second |            |          |    |                    |  |   |  |
|             |      |          |              |  |             |                                  |            | <u> </u> |    |                    |  |   |  |
|             |      |          |              |  |             |                                  |            |          |    |                    |  | 1 |  |
|             |      |          |              |  |             |                                  |            |          |    |                    |  |   |  |
|             |      | -        |              |  |             | <del></del>                      |            | ļ        |    | <u> </u>           |  |   |  |
|             |      |          |              |  |             |                                  |            |          |    |                    |  |   |  |
|             |      |          |              |  |             |                                  |            | <b> </b> |    |                    |  |   |  |
|             |      |          |              |  |             |                                  |            | ļ        |    |                    |  |   |  |
| <b> </b>    |      |          |              |  |             |                                  |            |          |    |                    |  | / |  |
|             |      |          |              |  |             |                                  |            |          |    |                    |  |   |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|          |             |       |

|         | DIP TEST |           |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         | <u> </u> |           |  |  |  |  |  |  |
|         | 1        |           |  |  |  |  |  |  |

| Hole No. 86-7 Sheet No. 4 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE!          | TO   | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM | то                                    | WIDTH<br>OF SAMPLE |  |   |   |  |
|--------------|------|----------|---|------------|------|---------------------------------------|--------------------|--|---|---|--|
| 22.2         | 22.6 | .4 m     | Block light grey coarse - v. coarse crystalline |            |      |                                       |                    |  |   |   |  |
|              |      |          | minor amount of crystalline tourm               |            |      |                                       |                    |  |   |   |  |
|              |      |          |   |            |      |                                       |                    |  |   |   |  |
|              |      |          | Feldspar 65% Mica 5%                            |            |      |                                       |                    |  |   |   |  |
|              | ,    |          | Qtz. 30%  | tr tr      |      | <del></del>                           |                    |  |   |   |  |
| 22.6         | 26   | 3.4 m    | Graphic light grey med - f. crystalline.        |            |      |                                       |                    |  |   |   |  |
|              |      |          | crystalline tourm at 23.3 - 23.4                |            |      |                                       |                    | ······································ |   |   |  |
|              |      |          | Feldspar 65% Mica 5-10%                         |            |      |                                       |                    |  |   |   |  |
|              |      |          | Qtz. 25-30%                                     | tr tr      |      |                                       |                    | <u> </u>                               |   |   |  |
| <b>26</b> .0 | 26.8 | .8 m     | Block v. coarse crystalline, mica books         |            |      |                                       |                    |  |   | , |  |
|              |      |          | Feldspar 15% Mica 70%                           |            |      |                                       |                    |  |   |   |  |
|              |      |          | Qtz. 15%  |            |      | · · · · · · · · · · · · · · · · · · · |                    |  |   |   |  |
| 26.8         | 28.9 | 2.1 m    | Graphic light grey - grey f - med. crystalline  |            |      |                                       |                    |  | · |   |  |
|              |      |          | Feldspar 65% Mica 10%                           |            |      |                                       |                    |  |   |   |  |
|              |      |          | Qtz. 25%  |            |      |                                       |                    |  |   |   |  |

#### DIAMOND DRILL RECORD

| P       | ROPERTY  | HEL         | LROARING CREEK            | но           | LE No. DDH 86-7 |
|---------|----------|-------------|---------------------------|--------------|-----------------|
|         | DIP TEST |             |                           |              |                 |
|         | An       |             | Hole No. 86-7 Sheet No. 5 |              |                 |
| Footage | Reading  | Corrected   | Hole No Sheet No          | Lat          | Total Depth     |
| ļ       |          | <del></del> | Section                   | Dep          | Logged By       |
|         |          |             | Date Begun                | Bearing      | Claim           |
|         |          |             |                           | •            |                 |
|         | }        |             | Date Finished             | Elev. Collar | Core Size       |
| L       | J        |             | Date Logged               |              |                 |

| DE!<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                          | SAMPLE No. | FROM       | то      | WIDTH<br>OF SAMPLE |              |   |   |
|-------------|----------|----------|--------------------------------------|------------|------------|---------|--------------------|--------------|---|---|
| 28.9        | 29.5     | .6 m     | Block light grey (Fe stained) coarse |            |            |         |                    |              |   |   |
|             |          |          | crystalline                          |            |            |         |                    |              |   |   |
|             |          |          |                                      |            |            |         |                    |              |   |   |
|             |          |          | Feldspar 20% Mica 60%                |            |            |         |                    |              |   |   |
|             |          |          | Qtz. 20%                             |            | <u> </u>   |         |                    |              |   |   |
|             |          |          |                                      |            |            |         |                    |              |   |   |
|             |          |          |                                      |            | ļ          |         |                    |              |   |   |
|             |          |          |                                      |            | ļ          |         |                    |              |   | ļ |
|             |          |          |                                      |            | ļ          | ļ       |                    |              |   |   |
|             |          |          |                                      |            | <u>   </u> |         |                    | <br><b>.</b> |   |   |
|             |          |          |                                      |            |            |         |                    |              |   |   |
|             |          |          |                                      |            |            |         |                    |              |   |   |
|             |          |          |                                      |            | ļ          |         |                    | <b> </b>     |   |   |
|             |          |          |                                      |            | <u> </u>   |         |                    |              | / |   |
|             |          |          |                                      |            | <u> </u>   |         |                    |              |   |   |
|             |          |          |                                      |            | ļ          |         |                    | <br>         | ļ |   |
|             |          |          |                                      |            |            |         |                    | ļ            |   |   |
|             |          |          |                                      |            |            | <b></b> |                    | ļ            |   |   |
|             |          |          |                                      |            |            |         |                    |              |   |   |
|             |          |          |                                      |            |            |         |                    |              |   |   |
| İ           |          |          |                                      |            |            |         |                    |              |   |   |

#### DIAMOND DRILL RECORD

| P        | ROPERTY      | Н         | ELLROARING CREEK |            | н            | OLE N | DDH 86-7 |
|----------|--------------|-----------|------------------|------------|--------------|-------|----------|
|          | DIP TEST     |           | ]                |            |              |       |          |
|          | An           | gle       | 86_7             | 6          |              |       |          |
| Footage  | Reading      | Corrected | Hole No.         | _ Sheet No | Lat.         |       | al Depth |
|          |              |           | Section          |            | Dep          | Loc   | gged By  |
|          | ļi           |           |                  |            | •            |       |          |
|          |              |           | Date Begun       |            | Bearing      | Clc   | min      |
|          | <del> </del> |           | Date Finished    |            | Elev. Collar | Co    | re Size  |
|          |              |           |                  |            | 2101. 001101 |       |          |
| <u> </u> | •            | l         | Date Logged      |            |              |       |          |

| DE!  | TO   | RECOVERY |  | DESC  | RIPTION       |             | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |  |  |
|------|------|----------|--|---|---------------|-------------|------------|------|----|--------------------|---|--|--|
| 29.5 | 32.5 | 3 m      | Block white                                      | v. coarse   | crystalline   | e. v.coarse |            |      |    |                    |   |  |  |
|      |      |          | crystalline                                      | clear quar  | tz from 29    | .9 - 31.4   |            |      |    |                    |   |  |  |
|      |      |          | Feldspar<br>Qtz.                                 | 15%<br>25%  | Mica          | 5%          |            |      |    |                    |   |  |  |
| 35.0 | 36.1 | 1.1 M    | <del>'''''                                </del> | Graphic grey, med - f. crystalline with occasional bands of f - v.f. crystalline aplite |               |             |            |      |    |                    |   |  |  |
|      |      |          | Feldspar<br>Qtz.                                 | 59%<br>30%  | Mica<br>Tourm | 5%<br>6%    | 6          |      |    |                    |   |  |  |
|      |      |          |  |   |               |             |            |      |    |                    |   |  |  |
| 36.1 | 44.0 | 7.9 m    | some Fe stai<br>@ 41 m                           |   |               |             |            |      |    |                    | , |  |  |
|      |      |          | Feldspar<br>Qtz.                                 | 65%<br>30%  | Mica          | 5%          |            |      | -  |                    |   |  |  |
|      |      |          |  |   |               |             |            |      |    |                    |   |  |  |

| PROPERTY | HELLROARING | CREEK |
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|          |             |       |

HOLE No. DDH 86-7

|         | DIP TEST |           |                           |              |             |
|---------|----------|-----------|---------------------------|--------------|-------------|
|         | An       | gle       | 96.7                      |              |             |
| Footage | Reading  | Corrected | Hole No. 86-7 Sheet No. 7 | Lot.         | Total Depth |
|         | <u> </u> |           | Section                   | Dep          | Logged By   |
|         |          |           | Date Begun                | Bearing      | Claim       |
|         |          |           | Date Finished             | Elev. Collar | Core Size   |
|         |          |           | Date Logged               |              |             |

| FROM | TO   | RECOVERY                             | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |   |  |
|------|------|--------------------------------------|--|------------|------|----|--------------------|--|---|--|
| 44.0 | 46.8 | 2.8 m                                | Graphic grey - grey brown (Fe stained) f coars   |            |      |    |                    |  |   |  |
|      |      |                                      | crystalline  |            |      |    |                    |  |   |  |
|      |      | Feldspar 25-30% Mica 15-20% Qtz. 55% |  |            |      |    |                    |  |   |  |
| 46.8 | 48.3 | 1.5 m                                | Graphic grey - light grey med-coarse crystalline with abundant disseminated and crystalline tourm throughout |            |      |    |                    |  |   |  |
|      |      |                                      | Feldspar         40%         Mica         10%           Qtz.         40%         Tourm         10%           | 8 2        |      |    |                    |  |   |  |
| 48.3 | 49.3 | . 1 m                                | Graphic white - v. light grey med-coarse crystalline Feldspar 55% Mica 15% Qtz. 30%                          |            |      |    |                    |  | 1 |  |
| 49.3 | 57.2 | 7.9 m                                | Block white - v. light grey v. coarse crystalling clear fractured qtz. 49.5 - 54 m, scattered Fe staining    |            |      |    |                    |  |   |  |

Feldspar

10%

Mica

10%

Qtz.

80%

| PROPERTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
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|         | DIP TEST     |              |  |  |  |  |  |
|---------|--------------|--------------|--|--|--|--|--|
|         | Angle        |              |  |  |  |  |  |
| Footage | Reading      | Corrected    |  |  |  |  |  |
|         |              |              |  |  |  |  |  |
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|         | <del> </del> |              |  |  |  |  |  |
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| Hole No. 86-7 Sheet No. 8 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
|                           |              | Logged By   |
| Section                   |              |             |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE!       | PTH<br>TO | RECOVERY |                         | DESC                               | RIPTION     |             | SAMPLE N  | FROM | то       | WIDTH<br>OF SAMPLE |  |      |
|-----------|-----------|----------|-------------------------|------------------------------------|-------------|-------------|-----------|------|----------|--------------------|--|------|
| 57.2      | 58.8      | 1.6 m    | Graphic grey            | - dark gr                          | ey fmed o   | crystalline |           |      |          |                    | 1  |      |
|           |           |          | heavily tourn           | n. contami                         | nated       |             |           |      |          |                    |  |      |
|           |           |          | F-14                    | 40%                                | A42         | 100/        |           |      |          |                    |  |      |
|           |           |          | Feldspar                | 40%                                | Mica        | 10%         |           |      |          |                    | <br><b>. </b>                                    | <br> |
|           |           |          | Qtz.                    | 35%                                | Tourm       | 15%         | 11        | 1    | ļ        |                    |  |      |
| 58.8 68.0 |           |          | Graphic grey            | light f.                           | coarse crys | stalline    |           |      |          |                    |  |      |
| <u> </u>  |           |          | traces of fir           | traces of fine disseminated tourm. |             |             |           |      |          |                    | <del>                                     </del> |      |
|           |           |          | Feldspar                | 55%                                | Mica        | 12%         |           |      |          |                    |  |      |
|           |           |          | Qtz.                    | 33%                                | Tourm       | trace       | <u>tr</u> |      | ļ        |                    |  |      |
| 68.0      | 69.2      |          | Block light             |                                    |             |             |           |      |          |                    |  |      |
|           |           |          | crystalline staining of |                                    |             | with Fe     |           | ·    |          |                    |  |      |
|           |           | -        | Feldspar                | 50%                                | Mica        | 25%         |           |      |          |                    |  |      |
|           |           |          | Qtz.                    | 25%                                |             |             |           |      |          |                    |  |      |
|           |           |          |                         | ·····                              |             |             |           | +    | <b> </b> |                    |  |      |
|           |           |          |                         |                                    |             |             |           | 1    |          |                    |  |      |

## DIAMOND DR. RECORD

| F       | PROPERTY | HEL       | LROARING CREEK | <del></del> |              | HOLE N. | DDH 86-7    |  |
|---------|----------|-----------|----------------|-------------|--------------|---------|-------------|--|
|         | DIP TEST |           |                |             |              |         |             |  |
|         | An       | gie       | 86-7           | a           |              |         |             |  |
| Footage | Reading  | Corrected | Hole No.       | Sheet No    | Lot          |         | Total Depth |  |
|         |          |           | Section        |             | Dep          |         | Logged By   |  |
|         |          |           | Date Begun     |             | Beoring      |         | Claim       |  |
|         |          |           | Date Finished  | <u> </u>    | Elev. Collar |         | Core Size   |  |
|         | 1        | L]        | Date Logged    |             |              |         |             |  |

| DE FROM | TO   | RECOVERY |   | DESC  | RIPTION                               |  | SAMPLE No. | FROM         | то | WIDTH<br>OF SAMPLE |                                       |          |          |  |
|---------|------|----------|---|---|---------------------------------------|--|------------|--------------|----|--------------------|---------------------------------------|----------|----------|--|
|         | 70.9 |          | Graphic ligh                            | it grey coa                                   | rse crysta                            | ılline fractured                       |            |              |    |                    |                                       |          |          |  |
|         |      |          | throughout,                             |   |                                       |  |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   |                                       |  |            |              |    |                    |                                       |          |          |  |
|         |      |          | Feldspar                                | 70%   | Mica                                  | 10%                                    |            |              |    |                    |                                       |          |          |  |
|         |      |          | Qtz.                                    | 20%   |                                       |  |            |              |    |                    | · · · · · · · · · · · · · · · · · · · |          |          |  |
|         |      |          |   |   |                                       |  |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   | ····                                  |  |            | ļ            |    |                    |                                       |          | ļ        |  |
|         |      |          |   | <u>, , , , , , , , , , , , , , , , , , , </u> |                                       |  |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   | <del></del>                           | · · · · · · · · · · · · · · · · · · ·  |            | ļ            |    |                    |                                       |          | /        |  |
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|         |      | -        | ······                                  |   |                                       | ************************************** |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   |                                       |  |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   | ***                                   |  |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   |                                       |  |            |              |    |                    |                                       |          |          |  |
|         |      |          |   |   |                                       |  |            |              |    |                    |                                       |          |          |  |

| PROPERTY_          | HELLROARING | CREEK |  |
|--------------------|-------------|-------|--|
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Date Logged...

HOLE No. DDH 86-7

|         | DIP TEST     |                                       |  |  |  |  |  |  |
|---------|--------------|---------------------------------------|--|--|--|--|--|--|
|         | Angle        |                                       |  |  |  |  |  |  |
| Footage | Reading      | Corrected                             |  |  |  |  |  |  |
|         |              |                                       |  |  |  |  |  |  |
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| Hole No. 86-7 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

| DE<br>FROM | PTH<br>TO | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |       |   |  |
|------------|-----------|----------|---|------------|------|----|--------------------|-------|---|--|
| 70.9       | 71.7      | .8 m     | Graphic to Block grey med - v. coarse crystalline |            |      |    |                    |       |   |  |
|            |           |          | abundant mica books                               |            |      |    |                    |       |   |  |
|            |           |          |   |            |      |    |                    |       |   |  |
|            |           |          | Feldspar 50% Mica 35%                             |            |      |    |                    |       |   |  |
|            |           |          | Qtz. 15%  |            |      |    |                    |       | / |  |
| 71 7       | 75.9      | 4.2 m    | Graphic light grey - grey med-coarse crystalline  |            |      |    |                    |       |   |  |
| 71.7       | 7 0. 5    | 7.2      | fractured throughout, traces of scattered         |            |      |    |                    |       |   |  |
|            |           |          | tourm crystals                                    |            |      |    |                    |       |   |  |
|            |           |          |   |            | ļ    |    |                    | <br>  |   |  |
|            |           |          | Feldspar 64% Mica 5%                              |            |      |    |                    | <br>ļ |   |  |
|            |           |          | Qtz. 30% Tourm tr 1%                              | tr tr      |      |    |                    |       |   |  |
| 75.9       | 76.7      | 8 m      | Equigranular light grey - grey med f.             |            |      |    |                    |       | 1 |  |
| ļ          |           |          | crystalline                                       |            | ·    |    |                    | <br>  |   |  |
|            |           |          | Feldspar 50% Mica 10%                             | ļ          |      | ļ  |                    |       |   |  |
|            |           |          | Otz. 40%  |            |      |    | ·                  |       |   |  |
| 76.7       | 82.6      | 5.9 m    | Graphic light grey med-coarse crystalline         |            |      |    |                    | ·     |   |  |
|            |           |          | occasional traces of crystalline tourm            |            |      |    |                    |       |   |  |
|            |           |          | Feldspar 65% Mica 20%                             |            |      |    |                    |       |   |  |

Qtz.

15%

tr

tr

|         | PROPERTY       | HE        | LLROARING CREEK            | HOLE N       | DDH 86-7    |
|---------|----------------|-----------|----------------------------|--------------|-------------|
|         | DIP TEST       |           |                            |              |             |
|         | An             | gle       | 06.7                       |              |             |
| Footage | Reading        | Corrected | Hole No. 86-7 Sheet No. 11 | Lat          | Total Depth |
|         |                |           | Section                    | Dep          | Logged By   |
|         | <del>-  </del> |           | Date Begun                 | Bearing      | Claim       |
|         |                |           | Date Dodan                 | D0011119     |             |
|         |                |           | Date Finished              | Elev. Collar | Core Size   |

| FROM | PTH<br>TO | RECOVERY | DESCRIPTION                                       | SAMPLE N | FROM     | то | WIDTH<br>OF SAMPLE |  |   |             |
|------|-----------|----------|---|----------|----------|----|--------------------|--|---|-------------|
| 82.6 | 83.5      | .9 m     | Block grey - dark grey coarse - v. coarse         |          |          |    |                    |  |   |             |
|      |           |          | crystalline v. coarse crystalline tourm at 83.4 i | n        |          |    |                    |  |   |             |
|      |           |          |   |          | <u> </u> |    |                    |  |   |             |
|      |           |          | Feldspar 52% Mica 10%                             |          |          |    |                    |  |   |             |
|      |           |          | Qtz. 35% Tourm 3%                                 | 2 1      | <u> </u> |    |                    |  |   |             |
| 83.5 | 84.4      | .9 m     | Equigranular grey - light grey fine crystalline   |          |          |    |                    |  |   |             |
|      |           |          | coarse crystalline feldspar at 84 m               |          |          |    |                    |  |   |             |
|      |           |          | Feldspar 60% Qtz. 40%                             |          |          |    |                    |  |   |             |
| 84.4 | 87.8      | 3.4 m    | Graphic light grey - grey coarse - f crystalline  |          |          |    |                    |  |   |             |
|      |           |          | scattered fractures and Fe staining               |          |          |    |                    |  |   |             |
|      |           |          | Feldspar 50% Mica 12%                             |          |          |    |                    |  |   |             |
|      |           | _        | Qtz. 38%  |          |          |    | <u> </u>           |  |   | <del></del> |
| 87.8 | 90.0      | 2.2 m    | Graphic white - grey med-coarse crystalline       |          |          |    |                    |  |   |             |
|      |           |          | scattered traces of disseminated tourm            |          |          |    |                    |  |   |             |
|      |           |          | Feldspar 60% Mica 8%                              | tr       |          |    |                    |  | , |             |
|      |           |          | Qtz. 32%  |          |          |    |                    |  |   |             |

# DIAMOND DRA . RECORD

| PROPERTY                                | HELLROARING CREEK |
|---|-------------------|
| , ,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   |

| HOLF No | DDH | 86-7 |
|---------|-----|------|
|         |     |      |

|         | DIP TEST |  |                            |              |             |
|---------|----------|--|----------------------------|--------------|-------------|
|         | An       | , <del>, , , , , , , , , , , , , , , , , , ,</del> | 967 12                     |              |             |
| Footage | Reading  | Corrected  | Hole No. 86-7 Sheet No. 12 | Lat          | Total Depth |
|         |          |  | Section                    | Dep          | Logged By   |
|         |          |  | Date Begun                 | Bearing      | Claim       |
|         |          |  | Date Finished              | Elev. Collar | Core Size   |
|         | JJ       |  | Date Logged                |              |             |

| FROM     | PTH<br>TO | RECOVERY |               | DESCI                                 | RIPTION                                |                 | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |              |   |  |
|----------|-----------|----------|---------------|---------------------------------------|--|-----------------|------------|----------|----|--------------------|--------------|---|--|
| 90.0     | 91.9      |          | Block white - | grey v. o                             | coarse - co                            | oarse           |            |          |    |                    |              |   |  |
|          |           |          |               |                                       |  | and Fe staining |            |          |    |                    |              |   |  |
|          |           |          |               |                                       |  |                 |            |          |    |                    |              |   |  |
| ļ        |           |          | Feldspar      | 60%                                   | Mica                                   | 8%              |            |          |    |                    |              |   |  |
|          |           |          | Otz.          | 32%                                   |  |                 |            |          |    |                    |              |   |  |
| 91.9     | 93.9      |          | Graphic light | t grey whi                            | te coarse (                            | crystalline     |            |          |    |                    |              |   |  |
|          |           |          |               | · · · · · · · · · · · · · · · · · · · | ····                                   |                 |            | ļ        |    |                    | <br>         |   |  |
| <u> </u> |           |          | Feldspar      | 60%                                   | Mica                                   | 8%              |            |          |    | ļ                  |              |   |  |
| ]        |           |          | Qtz.          | 32%                                   | ······································ |                 |            |          |    |                    | <br>ļ        |   |  |
| 02.0     | 04.0      |          | Cooperation   | 7.5.4.4                               |  |                 |            | <u> </u> |    |                    | <br>         |   |  |
| 93.9     | 94.9      |          | Graphic white |                                       |  | parse           |            |          |    |                    | <br><u> </u> |   |  |
|          |           |          | crystalline s | scattered                             | tourm                                  |                 |            |          |    |                    |              |   |  |
|          |           | •        | Feldspar      | 52%                                   | Mica                                   | 5%              |            | ļ        |    |                    |              | I |  |
|          |           |          | Qtz.          | 40%                                   | Tourm                                  | 3%              | 2 1        | ·        |    |                    |              |   |  |
|          |           |          |               |                                       |  |                 |            |          |    |                    |              | / |  |
| 94.9     | 96.7      | -        | Aplite light  | grey - gr                             | ey fine cry                            | ystalline with  |            |          |    |                    |              |   |  |
|          |           |          | some med-coar | rse crysta                            | lline graph                            | nic granite     |            |          |    |                    |              |   |  |
|          |           |          | dissemated ar | nd crystal                            | line tourm                             | throughout      |            |          |    |                    |              |   |  |
|          |           |          | Feldspar      | 58%                                   | Mica                                   | 10%             |            |          |    |                    |              |   |  |
|          |           |          | Qtz.          | 30%                                   | Tourm                                  | 12%             | 10 2       |          |    |                    |              |   |  |

Garnet

trace

#### DIAMOND DRILL RECORD

| F        | PROPERTY HE             | LLROARING CREEK            | HOLE N       |             |
|----------|-------------------------|----------------------------|--------------|-------------|
|          | DIP TEST                |                            |              |             |
| Footage  | Angle Reading Corrected | Hole No. 86-7 Sheet No. 13 | Lat          | Total Depth |
|          |                         | Section                    | Dep          | Logged By   |
|          |                         | Date Begun                 | Bearing      | Claim       |
|          |                         | Date Finished              | Elev. Collar | Core Size   |
| <u> </u> |                         | Date Logged                |              |             |

| FROM     | TO    | RECOVERY | DESCRIPTION                                     | SAMPLE N | FROM         | то | WIDTH<br>OF SAMPLE |          |  |                                       |          |
|----------|-------|----------|---|----------|--------------|----|--------------------|----------|--|---------------------------------------|----------|
| 96.7     | 98.0  | 1.3 m    | Graphic white med. crystalline, traces of       |          |              |    |                    |          |  |                                       |          |
|          |       |          | disseminated tourm                              |          |              |    |                    |          |  |                                       |          |
|          |       |          |   |          |              |    |                    |          |  |                                       |          |
|          |       |          | Feldspar 41% Mica 20%                           |          |              |    |                    |          |  |                                       |          |
|          |       |          | Qtz. 35% Tourm 4%                               | 4        | <del> </del> |    | ļ                  |          |  |                                       |          |
| 98.0     | 98.5  | .5 m     | Aplitic dark grey - grey v.fine - f. crystalli  | ne       |              |    |                    |          |  |                                       |          |
| <u> </u> |       |          | disseminated tourm. traces of garnet            |          |              | -  |                    |          |  |                                       |          |
|          |       |          | Feldspar 45% Mica 10%                           |          |              |    |                    |          |  |                                       |          |
|          |       |          | Qtz. 35% Tourm 10%                              | 10       | <del> </del> | -  |                    |          | <b></b>                                | -                                     |          |
| 98.5     | 102.0 | 3.5 m    | Graphic light grey - v. light grey, fine-coarse |          |              |    |                    |          |  |                                       |          |
|          |       |          | crystalline disseminated tourm                  |          |              |    |                    |          |  | /                                     |          |
|          |       |          | Feldspar 45-50% Mica 15-20%                     |          |              |    |                    |          |  |                                       |          |
|          |       |          | Qtz. 35% Tourm 4%                               | 4        | -            |    |                    |          | -                                      | <del> </del>                          |          |
| 102.0    | 102.3 | .3 m     | Aplite grey, f - med crystalline disseminated   |          |              |    |                    |          |  |                                       |          |
|          |       |          | tourmaline Feldspar 57% Mica 5%                 |          | -            |    |                    |          | +                                      | <b> </b>                              |          |
|          |       | 1        | 0+7 20% T                                       |          |              | L  | <u> </u>           | <u> </u> | ــــــــــــــــــــــــــــــــــــــ | ـــــــــــــــــــــــــــــــــــــ | <u> </u> |

Qtz.

30%

Tourm

8%

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|          |             |       |

|         | DIP TEST |           |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |
|         | <u> </u> |           |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |

| Hole No. 86-7 Sheet No. 14 | Lat          | Total Depth      |
|----------------------------|--------------|------------------|
| Section                    | Dep          | Logged By        |
| Date Begun                 | Bearing      | Claim            |
| Date Finished              | Elev. Collar | Core Size 3.5 cm |
| Date Logged                |              |                  |

| DEF   | TH    | RECOVERY | DESCRIPTION                                   | SAMPLE No. | FROM  | то           | WIDTH     |  |              |   |  |
|-------|-------|----------|---|------------|-------|--------------|-----------|--|--------------|---|--|
|       | 104.4 | 2.1 m    | Graphic v. light grey, grey (scattered Fe     | JAMI'CE NA | - ROM | 10           | OF SAMPLE |  | <del> </del> |   |  |
| 102.3 | 104.  | 2.1 111  |   |            |       |              |           |  |              |   |  |
|       |       |          | staining) med-coarse crystalline, some        |            |       |              |           |  |              |   |  |
|       |       |          | scattered disseminated tourm                  |            |       |              |           |  |              |   |  |
| i i   |       |          |   |            |       |              |           |  |              |   |  |
|       |       |          | Feldspar 65% Mica 10%                         |            |       | <del> </del> |           |  |              |   |  |
|       |       | ·        | Qtz. 22% Tourm 1-2%                           | 1          |       |              |           |  |              |   | ·                                      |
| 104.4 | 105.  | 7 1.3 m  | Equigranular grey f. crystalline disseminated |            |       |              |           | ······································ |              |   | ······································ |
|       |       |          | tourm throughout                              |            |       |              |           |  |              |   |  |
|       |       |          |   |            |       |              |           |  |              | , |  |
|       |       |          | Feldspar 55% Mica 7%                          |            |       |              |           |  |              |   |  |
|       |       |          | Qtz. 30% Tourm 8%                             | 8          |       |              |           |  |              |   |  |
| 105.7 | 108.  | 5· 2.8 m | Graphic grey, med-coarse crystalline          |            |       |              |           |  |              | , |  |
|       |       |          | disseminated tourm, scattered garnet          |            | ·     |              |           |  | ļ            |   |  |
|       |       | -        | Feldspar 57% Mica 10%                         |            |       |              |           |  |              |   |  |
|       |       |          | Otz. 30% Tourm 3%                             | 3          |       |              |           |  |              |   |  |
|       |       |          | Garnet trace                                  |            |       |              |           |  |              |   |  |
|       |       |          |   |            |       |              |           |  |              |   |  |
|       | ł     |          |   |            |       |              |           |  |              |   |  |

| PROPERTY_ | HELLROARING CREEK | HOLE No. DDH 86-7 |
|-----------|-------------------|-------------------|
| PROPERTY_ | HELENOMING CREEK  | HOLE NoUDH 8b-/   |

Date Logged....

|         | DIP TEST     |           |
|---------|--------------|-----------|
|         | An           | gle       |
| Footage | Reading      | Corrected |
|         |              |           |
|         | ļ            |           |
|         | <del> </del> |           |
|         | <del> </del> |           |
|         | 1            |           |

| Hole No. 86-7 Sheet No. 15 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

| DE!   | TO    | RECOVERY |                                       | DESC         | RIPTION                                |                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |             | /    |             |
|-------|-------|----------|---------------------------------------|--------------|--|---------------------------------------|------------|------|----|--------------------|-------------|------|-------------|
| 108.5 | 111.2 |          | Graphic gre                           | ey, med-coar | se crysta]                             | lline scattered                       |            |      |    |                    |             |      |             |
|       |       |          |                                       | garnet, mica |  |                                       |            |      |    | ·                  |             |      |             |
|       |       |          | Feldspar                              | 65%          | Mica                                   | 15-20%                                |            |      |    |                    |             |      |             |
|       |       |          | Qtz.                                  | 15-20%       | ······································ |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       |              |  |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       |              |  |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       |              | · · · · · · · · · · · · · · · · · · ·  |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       |              |  |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       | <del> </del> |  |                                       |            |      |    |                    |             |      |             |
|       |       |          | <del> </del>                          |              | ······································ | Al-A                                  |            |      |    |                    |             | ,    |             |
|       |       |          |                                       |              |  |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       |              |  |                                       |            |      |    |                    |             |      |             |
|       |       |          |                                       |              |  |                                       |            | ļ    |    |                    |             | <br> |             |
|       |       |          | · · · · · · · · · · · · · · · · · · · |              |  |                                       | -          |      |    |                    | <del></del> |      | <del></del> |
|       |       |          |                                       |              |  | · · · · · · · · · · · · · · · · · · · |            |      |    |                    |             |      | -           |
|       |       |          |                                       |              |  |                                       |            |      |    |                    |             |      |             |

# DIAMOND DE L RECORD HELLROARING CREEK

DDH 86-7 HOLE No.

| DIP TEST     |                     |  |  |  |  |  |  |  |
|--------------|---------------------|--|--|--|--|--|--|--|
| Angle        |                     |  |  |  |  |  |  |  |
| Reading      | Corrected           |  |  |  |  |  |  |  |
|              | ·                   |  |  |  |  |  |  |  |
|              |                     |  |  |  |  |  |  |  |
|              |                     |  |  |  |  |  |  |  |
| <del> </del> |                     |  |  |  |  |  |  |  |
|              | DIP TEST An Reading |  |  |  |  |  |  |  |

| Hole No. Sheet No. 16 Section |              | Total Depth |
|-------------------------------|--------------|-------------|
| Date Begun                    | Bearing      | Claim       |
| Date Finished                 | Elev. Collar | Core Size   |
| Date Logged                   |              |             |

| 118.1  | Graphic grey, scattered Fe staining fmed crystalline, mica has green cast, fractured                |  |  |  | OF SAMPLE  |   |  |
|--------|---|--|--|--|--|---|--|
|        |   |  |  |  | 1  | 1   | 1 1  |
|        |   |  |  |  |  |   |  |
| į.     | throughout  |  |  |  |  |   |  |
|        | Feldspar 70% Mica 15-20% Qtz. 10-15%  |  |  |  |  |   |  |
| 119.0  | Graphic white - light grey fmed. crystalline  |  |  | 7  |  |   |  |
|        | Feldspar 75% Mica 10%   |  |  |  |  |   |  |
| 700 0  |   |  |  |  |  | ·   |  |
| 120. 3 | crystalline vertical fractures, scattered disseminated tourm  |  |  |  | ·  |   |  |
|        | Feldspar         48%         Mica         10%           Qtz.         40%         Tourm         1-2% | 1-2  |  |  |  |   |  |
|        | 119.0   | Qtz. 10-15%  119.0 Graphic white - light grey fmed. crystalline scattered fracture zones  Feldspar 75% Mica 10% Qtz. 15%  120.3 Equigranular grey (Fe stained) fmed. crystalline vertical fractures, scattered disseminated tourm  Feldspar 48% Mica 10% | Qtz. 10-15%  119.0 Graphic white - light grey fmed. crystalline scattered fracture zones  Feldspar 75% Mica 10% Qtz. 15%  120.3 Equigranular grey (Fe stained) fmed. crystalline vertical fractures, scattered disseminated tourm  Feldspar 48% Mica 10% | Qtz. 10-15%  119.0 Graphic white - light grey fmed. crystalline scattered fracture zones  Feldspar 75% Mica 10% Qtz. 15%  120.3 Equigranular grey (Fe stained) fmed. crystalline vertical fractures, scattered disseminated tourm  Feldspar 48% Mica 10% | Qtz. 10-15%  119.0 Graphic white - light grey fmed. crystalline scattered fracture zones  Feldspar 75% Mica 10% Qtz. 15%  120.3 Equigranular grey (Fe stained) fmed. crystalline vertical fractures, scattered disseminated tourm  Feldspar 48% Mica 10% | Qtz. 10-15%  119.0 Graphic white - light grey fmed. crystalline 1 scattered fracture zones  Feldspar 75% Mica 10% Qtz. 15%  120. 3 Equigranular grey (Fe stained) fmed. crystalline vertical fractures, scattered disseminated tourm  Feldspar 48% Mica 10% | Qtz. 10-15%  119.0 Graphic white - light grey fmed. crystalline scattered fracture zones  Feldspar 75% Mica 10% Qtz. 15%  120.3 Equigranular grey (Fe stained) fmed. crystalline vertical fractures, scattered disseminated tourm  Feldspar 48% Mica 10% |

| •        | PROPERTY     | HE        | LLROARING CREEK                          | HOLE         | leDDH 86-7  |
|----------|--------------|-----------|--|--------------|-------------|
|          | DIP TEST     |           | 1  |              |             |
|          | An           | gle       |  |              |             |
| Footage  | Reading      | Corrected | Hole No. <u>86-7</u> Sheet No. <u>17</u> | . Lat        | Total Depth |
|          |              |           | Section                                  | Dep          | Logged By   |
|          |              |           | Date Begun                               | Bearing      | Claim       |
|          | <del> </del> |           |  | •            |             |
| <u> </u> | <del></del>  |           | Date Finished                            | Elev. Collar | Core Size   |
| <u> </u> |              | L         | Date Looped                              |              |             |

| DE!  | TH<br>TO | RECOVERY | DESC                    | RIPTION               | SAMPLE No.                             | FROM     | то          | WIDTH<br>OF SAMPLE |      |              |  |
|------|----------|----------|-------------------------|-----------------------|--|----------|-------------|--------------------|------|--------------|--|
| 120. | 122      | 0        | Graphic grey, grey brow | n Fe stained vertical |  |          |             |                    |      |              |  |
|      |          |          | fractures, green cast   |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  | <b></b>  |             |                    | <br> |              |  |
|      |          |          | Feldspar 55%            | Mica 5%               | -                                      |          |             |                    |      |              |  |
|      |          |          | Qtz. 40%                |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    | <br> |              |  |
|      |          |          |                         |                       |  |          | <del></del> |                    |      |              | <b></b>  |
|      |          |          |                         |                       |  | <b> </b> |             |                    |      |              |  |
|      | ·        |          |                         |                       |  | <u> </u> |             |                    |      | <del> </del> | <del> </del>                                     |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             | <u> </u>           |      | <u> </u>     | <del>                                     </del> |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       | ************************************** |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    | <br> |              |  |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |
|      |          |          |                         |                       |  |          |             |                    |      |              |  |

| PROPERTY | HELLROARING  | CREEK   |
|----------|--------------|---------|
| FRUERII  | TILLLINOTHIA | OILERIA |

|         | DIP TEST |           |  |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|--|
|         | An       | gle       |  |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |
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|         |          |           |  |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |  |

| Hole Ne. 86-7 Sheet Ne. 18 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE!   | TO    | RECOVERY | DESCRIPTION                                  | SAMPLE No.   | FROM  | то   | WIDTH<br>OF SAMPLE |         |               | <u> </u> |          |
|-------|-------|----------|--|--------------|-------|------|--------------------|---------|---------------|----------|----------|
| 122.0 | 122.  | 6        | Equigranular light grey fmed. crystalline    |              |       |      |                    |         |               |          |          |
|       |       |          | traces of garnet                             |              |       |      |                    |         |               |          |          |
|       |       |          |  |              |       |      |                    |         |               |          |          |
|       |       |          | Feldspar 55% Mica 15%                        |              |       |      |                    |         |               |          |          |
|       |       |          | Qtz. 30%                                     |              |       |      |                    |         |               |          |          |
| ļ     |       |          |  |              |       |      |                    |         |               | /        |          |
| 122.6 | 125.  | 0        | Graphic light grey - grey, fmed. crystalline |              |       |      |                    |         |               |          |          |
|       |       |          |  |              |       |      |                    |         |               | <u> </u> |          |
|       |       |          | Feldspar 55% Mica 10%                        | <del> </del> |       |      |                    |         |               | <u> </u> | <b> </b> |
|       |       |          | Otz. 35%                                     |              |       |      |                    |         |               |          |          |
| 125.0 | 125   | .2       | Muscovite grey green fmed. crystalline       |              |       |      |                    |         |               |          |          |
|       |       |          | contact zone                                 | #1           | 125,0 | 125. | clean u            | ncontar | <u>inated</u> | pegmati  | te       |
| 125   | 2.125 | .88      | Diorite grey - dark grey v. fine crystalline |              |       |      |                    |         |               |          |          |
|       |       |          |  |              |       |      | ·                  |         |               |          |          |
|       |       |          | E.O.H.                                       |              |       |      |                    |         |               |          |          |
|       |       |          |  |              |       |      |                    |         |               |          |          |
|       |       |          |  | <b></b>      |       |      |                    |         |               |          |          |
|       |       |          |  |              |       |      |                    |         |               |          |          |

| PROPERTY_ | HELLROARING | CREEK |
|-----------|-------------|-------|
|           |             |       |

|         | DIP TEST        |             |  |  |  |  |
|---------|-----------------|-------------|--|--|--|--|
|         | Ar              |             |  |  |  |  |
| Footage | Reading Correct |             |  |  |  |  |
|         |                 |             |  |  |  |  |
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|         | <del> </del>    |             |  |  |  |  |

| Hole No. 86-8 Sheet No. 1 | Lat   | Total Depth 89.30m/2931 |
|---------------------------|---|-------------------------|
| Section 1+00N/0+06E       | Dep   | Logged By D.H.          |
| Date Begun                | Bearing -55 <sup>0</sup> @ 115 <sup>0</sup> | Claim                   |
| Date Finished             | Elev. Collar 1598.5 m                       | core size 3.5 cm BQ     |
| Date Logged               | ,   |                         |

| DEF<br>FROM |     | RECOVERY |               | DES               | CRIPTION    |                   | SAMPLE No. | FROM         | то | WIDTH     |                                       |          |  |  |
|-------------|-----|----------|---------------|-------------------|-------------|-------------------|------------|--------------|----|-----------|---------------------------------------|----------|--|--|
| 2.0         | 3.0 | 1 m      | Graphic grey  | - grey bro        | own (Fe st  | ained) occasional | TOURM      | <del>d</del> |    | OF SAMPLE |                                       | 1        | <del>                                     </del> |  |
|             |     |          | tourm. crysta | als (fco          | arse cryst  | alline)           | v.ff.      | 1-C          |    |           |                                       |          |  |  |
|             |     |          |               |                   | <del></del> |                   |            | 1            |    |           |                                       | <u> </u> |  |  |
|             |     |          | Feldspar      | 55%               | Mica        | 10%               | ·          |              |    |           |                                       |          |  |  |
|             |     |          | Qtz.          | 35%               | Tourm       | trace             | tr         |              |    |           |                                       |          |  |  |
| 3.0         | 4.4 | 1.4 m    | Equigranular  | light gre         | y med. cry  | stalline          |            |              |    |           |                                       |          |  |  |
|             |     |          | Fe stained,   | <u>disseminat</u> | ed tourm    |                   |            |              |    |           |                                       |          |  |  |
|             |     |          | Feldspar      | 53%               | Mica        | 5%                |            |              |    |           |                                       |          |  |  |
|             |     |          | Qtz.          | 37%               | Tourm       | 5%                | 4 1        |              |    |           |                                       |          |  |  |
| 4.4         | 6.7 | 2.3 m    | Block white   | - v. light        | grey, v.    | coarse            |            |              |    |           | · · · · · · · · · · · · · · · · · · · |          |  |  |
|             |     |          | crystalline   | scattered         | tourmaline  | crystals          |            |              |    |           |                                       |          |  |  |
|             |     |          | Feldspar      | 55%               | Mica        | 10%               |            |              |    |           |                                       |          |  |  |
|             |     |          | Otz.          | 30%               | Tourm       | 5%                | 0 5        |              |    |           |                                       |          |  |  |
| 6.7         | 9.5 | 2.05 m   | Equigranular  | grey brow         | n, med-coa  | rse crystalline   |            |              |    |           |                                       |          |  |  |
|             |     |          | disseminated  | tourm.            |             |                   |            |              |    |           |                                       | <u> </u> |  |  |
|             |     |          | Feldspar      | <b>57</b> %       | Mica        | 5%                |            |              |    |           |                                       |          |  |  |
|             |     |          | Qtz.          | 35%               | Tourm       | 3%                | 1 2        |              |    |           |                                       |          |  |  |

|          | HELL DOSDING | CDEEN |
|----------|--------------|-------|
| PROPERTY | HELLROARING  | CREEK |

|         | DIP TEST     |              |  |  |  |  |
|---------|--------------|--------------|--|--|--|--|
|         |              | gle          |  |  |  |  |
| Footage | Reading      | Corrected    |  |  |  |  |
|         |              |              |  |  |  |  |
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|         | <del> </del> |              |  |  |  |  |
|         |              | <del> </del> |  |  |  |  |
|         | 1            | <del></del>  |  |  |  |  |

| Hole No. 86-8 Sheet No. 2 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE F<br>FROM |      | RECOVERY | DESCRIPTION                                    | SAMPLE No.   | FROM        | то           | WIDTH<br>OF SAMPLE |      |                |              |              |
|--------------|------|----------|--|--------------|-------------|--------------|--------------------|------|----------------|--------------|--------------|
| 9.5          | 10.5 | 1 m      | Aplite grey light grey fmed crystalline        |              |             |              |                    |      |                |              |              |
|              |      |          | disseminated tourm                             |              |             |              |                    |      |                |              |              |
|              |      |          |  |              |             |              |                    |      |                |              |              |
|              |      |          | Feldspar 65% Mica 5%                           | ·            |             |              |                    |      |                |              |              |
|              |      |          | Qtz. 25% Tourm 5%                              | 5            |             |              |                    |      |                |              |              |
| 10.5         | 11.2 | .7 m     | Block grey-brown Fe stained coarse crystalline |              |             |              |                    |      |                |              |              |
|              |      |          | micaceous rubble                               |              |             |              |                    |      |                |              |              |
|              |      |          |  | <u> </u>     |             |              |                    |      | <u> </u>       |              |              |
|              |      |          | Feldspar 40% Mica 30%                          |              | <u>.</u>    |              |                    |      |                |              |              |
|              |      |          | Qtz. 30%                                       |              |             |              |                    |      | <u> </u>       | /            |              |
| 11 2         | 14.5 | 2 2      |  |              |             |              |                    | ·    |                |              |              |
| 11.2         | 14.5 |          | Equigranular light grey med. crystalline       |              |             |              |                    |      | <del> </del>   | <del> </del> |              |
|              |      | 80%      | scattered disseminated tourmaline              |              |             |              |                    | <br> |                |              |              |
|              |      |          | (.8 m vug)                                     | <del> </del> | ·           |              |                    |      |                | <del> </del> |              |
|              |      |          | Feldspar 52% Mica 10%                          |              |             |              |                    |      | <del> </del> - | <del> </del> | <del> </del> |
|              |      |          | Qtz. 35% Tourm 3%                              | 3            |             | <del> </del> |                    |      |                |              |              |
| 14.5         | 16.9 | 2.4 m    | Graphic light grey med-coarse crystalline      |              |             |              |                    | ·    |                |              |              |
|              |      |          | occasional tourmaline crystals                 |              |             |              |                    |      |                |              |              |
|              |      |          | Feldspar 55% Mica 13%                          |              |             |              |                    |      |                |              |              |
| 1            |      |          | Qtz. 30% Tourm trace                           | tr           | · · · · · · |              |                    |      |                |              | •            |

PROPERTY HELLROARING CREEK

HOLE No. DDH 86-8

|          | DIP TEST         |  |  |  |  |
|----------|------------------|--|--|--|--|
| <u> </u> | Angle            |  |  |  |  |
| Footage  | Reading Correcte |  |  |  |  |
|          |                  |  |  |  |  |
| ļ.~      | <del> </del>     |  |  |  |  |
|          |                  |  |  |  |  |
|          |                  |  |  |  |  |
|          |                  |  |  |  |  |

| Hole No. 86-8 Sheet No. 3 | Lat          | Total Depth      |
|---------------------------|--------------|------------------|
| Section                   | Dep          | Logged By        |
| Date Begun                | Bearing      | Claim            |
| Date Finished             | Elev. Collar | Core Size 3.5 cm |
| Date Langua Sont 6 1086   |              |                  |

| FROM | 10   | RECOVERY | DESCRIPTION SAMPLE No. FROM TO               | WIDTH OF SAMPLE |
|------|------|----------|--|-----------------|
| 16.9 | 17.3 |          | Aplite grey, fv. fine crystalline            |                 |
|      |      |          | 5.3.1 AOV W: OV                              |                 |
| ļ    |      |          | Feldspar 48% Mica 8%                         |                 |
|      |      |          | Qtz. 35% Tourm 9% 9                          |                 |
| 17.3 | 23.2 |          | Block light grey, v. coarse crystalline      |                 |
| ļ    |      |          | fractured throughout                         | /               |
|      |      |          | Feldspar 55% Mica 10%                        |                 |
|      |      |          | Otz. 35%                                     |                 |
| 23.2 | 24.2 |          | Equigranular white - v. light grey fmed      |                 |
|      |      |          | crystalline, disseminated tourm              |                 |
|      |      |          | Feldspar 55% Mica 5%                         |                 |
|      |      |          | Otz. 37% Tourm 3% 3                          |                 |
| 24.2 | 27.2 |          | Block white - v. light grey v. coarse-coarse |                 |
|      |      |          | crystalline, fractured throughout scattered  |                 |
|      |      |          | Fe staining on fracture faces                |                 |
|      |      |          | Feldspar 40% Mica 30%                        |                 |
|      |      |          |  |                 |

Qtz.

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|          |                   |

|         | DIP TEST        |  |  |  |  |  |  |
|---------|-----------------|--|--|--|--|--|--|
|         | Angle           |  |  |  |  |  |  |
| Footage | Reading Correct |  |  |  |  |  |  |
|         |                 |  |  |  |  |  |  |
|         |                 |  |  |  |  |  |  |
|         | <del> </del>    |  |  |  |  |  |  |
|         |                 |  |  |  |  |  |  |
|         |                 |  |  |  |  |  |  |

| Hole No. 86-8 Sheet No. 4 |              | Total Depth Logged By Claim Core Size 3.5 CM |  |  |  |  |
|---------------------------|--------------|--|--|--|--|--|
| Date Begun                | ·            |  |  |  |  |  |
| Date Finished             | Elev. Collar |  |  |  |  |  |
| Date Logged               |              |  |  |  |  |  |

| FROM      | TH<br>TO | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM         | то | WIDTH<br>OF SAMPLE |   |          |   |              |
|-----------|----------|----------|--|------------|--------------|----|--------------------|---|----------|---|--------------|
| 27.2 28.3 |          |          | Graphic white - v. light med. crystalline        |            |              |    |                    |   |          |   |              |
|           |          |          |  |            |              |    |                    |   |          |   |              |
|           |          |          | Feldspar 55% Mica 30%                            |            |              |    |                    |   |          |   |              |
|           |          |          | Qtz. 15%   |            |              |    |                    |   |          |   |              |
|           |          |          |  |            |              |    |                    |   |          |   |              |
| 28.3 31.2 | 31.2     |          | Block white - light grey v. coarse-coarse        |            |              |    |                    |   |          |   |              |
|           |          |          | crystalline                                      |            |              |    |                    |   |          |   |              |
|           |          |          |  |            |              |    |                    |   |          |   |              |
|           |          |          | Feldspar 55% Mica 10%                            |            |              |    |                    |   |          | ļ | <u> </u>     |
|           |          |          | Qtz. 35%   |            | ļ            |    |                    |   | <u> </u> | ļ |              |
|           |          |          |  |            |              |    |                    |   | <u> </u> | ļ |              |
| 31.2 33.0 | 33.0     |          | Graphic light grey f coarse crystalline          |            | <u> </u>     |    |                    | · | <u> </u> |   | <u> </u>     |
|           |          |          |  |            |              |    |                    |   | ļ        | ļ | <del> </del> |
|           |          |          | Feldspar 60% Mica 5%                             |            | ļ            |    |                    |   |          |   |              |
|           |          |          | Qtz. 35%   |            | <u> </u>     |    |                    |   |          |   |              |
|           | 22.0     |          | Diad light many                                  |            |              |    |                    |   |          | 1 |              |
| 33.0      | 33.8     |          | Block v. light grey v. coarse-coarse crystalline |            |              |    |                    |   |          |   |              |
|           |          |          | Feldspar 55% Mica 10%                            |            | <del> </del> |    |                    |   |          |   | <del> </del> |
|           |          |          | Qtz. 35%   |            |              |    |                    |   |          |   |              |
|           |          |          |  |            |              |    |                    |   |          | ļ | <del> </del> |
|           |          | l        |  |            |              |    |                    |   |          |   |              |

PROPERTY HELLROARING CREEK

|         | DIP TEST |           |  |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |  |
|         | ļ        |           |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |  |
|         | <u> </u> |           |  |  |  |  |  |  |  |

| Hole No. 86-8 Sheet No. 5 | Lat          | Total Depth |  |
|---------------------------|--------------|-------------|--|
| Section                   | Dep          | Logged By   |  |
| Date Begun                | Bearing      | Claim       |  |
| Date Finished             | Elev. Collar | Core Size   |  |
| Date Logged               |              |             |  |

| DEF  | DEPTH RECOVERY DESCRIPTION |             |                                       |                                       |         |  | WIDTH        |  | T                       | r                                     |              |  |              |          |
|------|----------------------------|-------------|---------------------------------------|---------------------------------------|---------|--|--------------|--|-------------------------|---------------------------------------|--------------|--|--------------|----------|
| FROM | TO                         | RECOVERY    | DESCRIPTION                           |                                       |         | SAMPLE No FROM T                       |              |  | FROM TO WIDTH OF SAMPLE |                                       |              |  |              |          |
| 33.8 | 34.2                       |             | Graphic light grey f med. crystalline |                                       | talline |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         | ************************************** |              |  |                         |                                       | ļ            | <u> </u>   |              |          |
|      |                            |             | F - 1 . 1                             | 600/                                  | M       | r 0/                                   | <del> </del> | <del>                                     </del> | <del></del>             | · · · · · · · · · · · · · · · · · · · |              | <del>                                     </del> | ļ            |          |
|      |                            |             | Feldspar                              | 60%                                   | Mica    | 5%                                     | <u> </u>     | ļ  |                         | <u> </u>                              |              | <u> </u>   |              |          |
|      |                            |             | Otz.                                  | 35%                                   |         |  |              |  |                         |                                       |              | ļ  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              | <del> </del>                                     |                         |                                       |              | <del> </del>                                     | <del></del>  |          |
|      |                            |             |                                       |                                       |         |  | ·            | <b> </b>   |                         |                                       |              | <del> </del>                                     |              |          |
|      |                            |             |                                       |                                       |         | · · · · · · · · · · · · · · · · · · ·  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              | <del>                                     </del> |                         |                                       |              |  |              |          |
|      |                            |             |                                       | · · · · · · · · · · · · · · · · · · · |         |  | <del> </del> |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              | ļ  |              | 1        |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            | <del></del> |                                       |                                       |         |  |              | <del>                                     </del> |                         |                                       | <del>-</del> |  | 1            |          |
|      |                            |             |                                       |                                       |         |  | <u> </u>     |  |                         |                                       |              | <del> </del>                                     | <del> </del> |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
|      |                            |             |                                       |                                       |         |  |              |  |                         |                                       |              |  | ·            | <u></u>  |
|      | ~                          |             |                                       |                                       |         |  |              |  |                         |                                       |              |  |              |          |
| i    |                            |             |                                       |                                       |         |  | 1            |  |                         |                                       |              | <u> </u>   |              | <u> </u> |

HELLROARING CREEK PROPERTY\_

DDH 86-8 HOLE No. \_\_

|   |  | DIP TEST          |   |              |             |
|---|--|-------------------|---|--------------|-------------|
|   |  | Angle             |   |              |             |
|   | Footage                                | Reading Corrected | Hole No. <u>86-8</u> Sheet No. <u>6</u> | Lat          | Total Depth |
|   |  |                   | Section                                 | Dep          | Logged By   |
|   |  |                   | Date Begun                              | Bearing      | Claim       |
|   |  |                   | Date Finished                           | Elev. Collar | Core Size   |
| i | L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   | Date Logged                             |              |             |

|           | DEPTH RECOVERY |  | DESCRIPTION  |              | SAMPLE No.  | FROM          | то | WIDTH<br>OF SAMPLE |  |   |          |   |  |
|-----------|----------------|--|--------------|--------------|-------------|---------------|----|--------------------|--|---|----------|---|--|
| 34.2 38.5 |                |  | Block white- |              |             |               |    |                    |  |   |          |   |  |
|           |                |  | coarse - v.  | coarse crys  | talline     |               |    |                    |  |   |          |   |  |
|           |                |  |              |              |             |               |    |                    |  |   |          |   |  |
|           |                |  | Feldspar     | 65%          | Mica        | 5%            |    |                    |  |   |          | ļ |  |
|           |                |  | Qtz.         | 30%          |             |               |    |                    |  |   |          |   |  |
| 38.5      | 39.8           |  | Graphic ligh | it grey med  | - coarse o  | crystalline   |    |                    |  |   |          |   |  |
|           |                |  | Feldspar     | 70%          | Mica        | trace         |    |                    |  |   |          |   |  |
|           |                |  | Qtz.         | 30%          |             |               |    |                    |  |   |          |   |  |
| 39.8      | 41.4           |  | Block v. lig | jht grey-whi | ite coarse  | - v. coarse   | _  | ·                  |  |   |          |   |  |
|           |                |  | crystalline, |              |             |               |    |                    |  |   |          |   |  |
|           |                |  | large crysta | lline tourn  | n at 40.2 - | - 40.3        |    |                    |  |   |          |   |  |
|           |                |  |              |              |             |               |    |                    |  |   | -        | ļ |  |
|           |                |  | Feldspar     | 52%          | Mica        | 12%           |    |                    |  |   | <u> </u> |   |  |
|           |                |  | Qtz.         | 35%          | Tourm       | trace - 1%    | 1  |                    |  | · |          |   |  |
| 41.4      | 42.7           |  | Graphic ligh | ıt grey - v. | . light gre | ey med-coarse |    |                    |  |   |          |   |  |
|           |                |  | crystalline, |              |             |               |    |                    |  |   |          |   |  |
|           |                |  | Feldspar     | 70%          | Mica        | trace         |    |                    |  |   |          |   |  |
|           | ^              |  | Qtz.         | 30%          | Tourm       | trace         | tr |                    |  |   |          |   |  |

| PROPERTY | HELLROARING | CREEK |
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HOLE No. DDH 86-8

|         | DIP TEST     |           |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|
|         | An           | gle       |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |
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| Hole No. 86-8 Sheet No. 7 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Logged               |              |             |

| DE   | PTH  | RECOVERY                                | DESCRIPTION                                   | CAMPIEN    |      |    | WIDTH     |         | T           | T            | Γ            |
|------|------|---|---|------------|------|----|-----------|---------|-------------|--------------|--------------|
| FROM | 1    |   |   | SAMPLE No. | FROM | то | OF SAMPLE |         | ļ           | ļ            | <b></b>      |
| 42.7 | 46.1 |   | Aplite grey light grey v.fcoarse crystalline  |            |      |    |           |         |             |              | <u> </u>     |
|      |      | *************************************** | banded with intervals of contaminated graphic |            |      |    |           |         |             |              | ľ            |
|      |      |   | granite                                       |            |      |    |           |         |             |              |              |
|      |      |   |   | ·          |      |    |           |         |             |              |              |
|      |      |   | Feldspar 61% Mica trace                       |            |      |    |           |         |             |              |              |
|      |      |   | Qtz. 35% Tourm 4%                             | 3 1        |      |    |           |         | -           |              |              |
| 46.1 | 48.1 |   | Block grey - light grey v. coarse-coarse      |            |      |    |           |         |             |              |              |
|      |      |   | crystalline fractured with Fe staining on     |            |      |    |           |         |             |              |              |
|      |      |   | fracture faces.                               |            |      |    |           |         |             | <u> </u>     | <u> </u>     |
|      |      |   |   |            |      |    |           |         | ļ           | <del> </del> |              |
| ļ    |      |   | Feldspar 60% Mica 10-15%                      |            |      |    |           | <u></u> | ļ           | <u> </u>     |              |
|      |      |   | Qtz. 25-30%                                   |            |      |    |           |         |             |              | <del> </del> |
| 48.1 | 49.1 |   | Graphic grey - light grey med. crystalline    |            |      |    |           |         |             |              |              |
|      |      |   | Feldspar 60% Mica 5%                          |            |      |    | ·         |         |             |              |              |
|      |      |   | Qtz. 35%                                      |            |      |    |           |         |             |              |              |
|      |      |   |   |            |      |    |           |         |             |              |              |
| 49.1 | 50,0 |   | Aplite grey - light grey v.f med. crystalline |            |      |    |           |         |             |              |              |
|      |      |   | with some banded graphic                      |            |      |    |           |         |             |              |              |
| L    |      | L                                       | Foldenan ECV W                                | J          |      |    | L         |         | <del></del> |              |              |

Feldspar Qtz. 56% 35% Mica Tourm **5**%

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| PROPERTY | HELLROARING CREEK |
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|                | DIP TEST     |             |  |  |  |  |  |  |
|----------------|--------------|-------------|--|--|--|--|--|--|
|                | Angle        |             |  |  |  |  |  |  |
| Footage        | Reading      | Corrected   |  |  |  |  |  |  |
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| Hole No. 86-8 Sheet No. 8 | Lat.         | Total Depth 293'/89.30 m |  |  |
|---------------------------|--------------|--------------------------|--|--|
| Section                   | Dep          | Logged By                |  |  |
| Date Begun                | Bearing      | Claim                    |  |  |
| Date Finished             | Elev. Collar | Core Size 3.5 cm         |  |  |
| Date Logged               |              |                          |  |  |

| FROM | PTH  | RECOVERY | DESCRIPTION  | SAMPLE No. | 50014 | 70       | WIDTH      |      | I       |  |
|------|------|----------|--|------------|-------|----------|------------|------|---------|--|
|      |      |          |  | SAMPLE No. | PRUM  | то       | OF SAMPLE  | <br> | <i></i> |  |
| 50.0 | 53.7 |          | Graphic v. light grey, fcoarse crystalline             |            |       |          | ļ <u>.</u> |      |         |  |
|      |      |          | with minor bands of aplite at 51.3 m & 53.2 m          |            |       |          |            |      | ľ       |  |
|      |      |          |  |            |       |          |            |      |         |  |
|      |      |          | Feldspar 60-65% Mica 5-10%                             |            |       |          |            |      |         |  |
|      |      |          | Qtz. 30%   |            |       |          |            |      |         |  |
| F2 7 | 56.0 |          | Plack grow light grows against the grown               |            |       | <u>-</u> |            |      |         |  |
| 53.7 | 56.0 |          | Block grey - light grey coarse - v. coarse crystalline |            |       |          |            |      |         |  |
|      |      |          | Feldspar 75% Mica trace                                |            |       |          |            |      |         |  |
|      |      |          | Otz. 25%   |            |       |          |            |      |         |  |
| 56.0 | 58.9 |          | Graphic grey med-coarse crystalline                    |            |       |          |            |      |         |  |
|      |      |          | disseminated tourm                                     |            |       |          |            |      |         |  |
|      |      |          | Feldspar 66% Mica 8%                                   |            |       |          |            |      |         |  |
|      |      |          | Qtz. 25% Tourm trace - 1%                              | - 1        |       |          |            |      |         |  |
| 58.9 | 59.2 |          | Aplite dark grey v.f. crystalline heavily              |            |       |          |            |      |         |  |
|      |      |          | contaminated with disseminated tourm                   |            |       |          |            |      |         |  |
|      |      |          | Feldspar 50% Mica 5%                                   |            |       |          |            |      |         |  |
|      |      |          | Qtz. 30% Tourm 15%                                     | 15         |       |          |            |      |         |  |
|      |      |          |  |            |       |          |            |      |         |  |

| PROPERTY_ | HELLROARING CREEK |  |
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|         | DIP TEST |           |  |  |  |  |  |
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|         | Angle    |           |  |  |  |  |  |
| Footage |          | Corrected |  |  |  |  |  |
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| Hole No Sheet No9 | Lat          | Total Depth       |
|-------------------|--------------|-------------------|
| Section           | Dep          | Logged By         |
| Date Begun        | Bearing      | Claim             |
| Date Finished     | Elev. Collar | Core Size_ 3.5 CM |

| FROM    | PTH<br>TO | RECOVERY |                                     | DESC       | RIPTION    |                  | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |  |  |
|---------|-----------|----------|-------------------------------------|------------|------------|------------------|------------|----------|----|--------------------|--|--|
| 59.2    | 61.1      |          | Block light grey coarse crystalline |            |            |                  |            |          |    |                    |  |  |
|         |           |          |                                     |            |            |                  |            |          |    |                    |  |  |
|         |           |          | Feldspar                            | 60%        | Mica       | 5%               |            |          |    |                    |  |  |
|         |           |          | Qtz.                                | 35%        |            |                  | ·          |          |    |                    |  |  |
| 61.1    | 62,8      |          | Graphic grey                        | med-coarse | e crystall | ine              |            |          |    |                    |  |  |
|         |           |          | scattered fra                       |            |            |                  |            |          |    |                    |  |  |
|         |           |          | Feldspar                            | 60%        | Mica       | trace            |            |          |    |                    |  |  |
|         |           |          | Qtz.                                | 40%        | Tourm      | trace            | tr         | Ŀ        |    |                    |  |  |
| 62.8    | 64.9      |          | Block light g                       | rey coars  | e - v. coa | rse crystalline  |            |          |    |                    |  |  |
|         |           |          | Feldspar                            | 60%        | Mica       | 5%               |            |          |    |                    |  |  |
|         |           |          | Qtz.                                | 35%        |            |                  |            | <u> </u> |    |                    |  |  |
| 64.9 66 | 66.0      |          | Graphic grey<br>fractured in        |            | rey med-co | arse crystalline |            |          |    |                    |  |  |
|         |           |          | Feldspar<br>Qtz.                    | 55%<br>35% | Mica       | 10%              |            |          |    |                    |  |  |

| PROPERTY_ | HELLROARING CREEK    |
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| PRUPERIT_ | TIELEROTATION OFFICE |

|         | DIP TEST |           |  |  |  |  |  |
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|         | Angle    |           |  |  |  |  |  |
| Footage |          | Corrected |  |  |  |  |  |
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|         |          |           |  |  |  |  |  |
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| Hole No. 86-8 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Onto Longod                |              |             |

| DEF<br>FROM | TH   | RECOVERY |              | DEC                                     |   |                                       | SAMPLE No. |          |          | WIDTH              |  |   |   |   |
|-------------|------|----------|--------------|---|---|---------------------------------------|------------|----------|----------|--------------------|--|---|---|---|
|             |      |          | <del></del>  | DESCRIPTION                             |   |                                       |            | FROM     | то       | WIDTH<br>OF SAMPLE |  |   |   |   |
| 66.0        | 67.9 |          | Block grey v | Block grey v. coarse-coarse crystalline |   | talline                               |            |          |          | ļ                  |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      |          | Feldspar     | 70%                                     | Mica                                    | 5%                                    |            |          |          |                    |  |   |   |   |
|             |      |          | Qtz          | 25%                                     |   |                                       | ì          |          |          |                    | ************************************** |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
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|             |      |          |              |   |   |                                       |            |          |          |                    | 1                                      |   |   |   |
|             |      |          |              |   | ······································  |                                       |            |          |          |                    |  |   |   |   |
|             |      |          |              |   |   |                                       |            |          |          |                    |  |   |   |   |
|             |      | •        |              |   | · ·                                     |                                       |            |          |          |                    |  |   |   |   |
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PROPERTY HELLROARING CREEK

Date Logged\_\_

|         | DIP TEST     |             |  |  |  |  |  |
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|         | Angle        |             |  |  |  |  |  |
| Footage | Reading      | Corrected   |  |  |  |  |  |
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| Hole No. 86-8 Sheet No. 11 | Lat          | Total Depth      |
|----------------------------|--------------|------------------|
| Section                    | Dep          | Logged By        |
| Date Begun                 | Bearing      | Claim            |
| Date Finished              | Elev. Collar | Core Size 3.5 cm |

| DE!  | TO   | RECOVERY |                  | DESC                            | CRIPTION  |                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE | <u> </u> | T        |          |          |
|------|------|----------|------------------|---------------------------------|-----------|---------------------------------------|------------|------|----|--------------------|----------|----------|----------|----------|
| 67.9 | 68.5 |          | Graphic ligh     | nic light grey med. crystalline |           |                                       |            |      |    |                    |          |          | ·        |          |
|      |      |          | Feldspar         | 55%                             | Mica      | 5%                                    |            |      |    | <u> </u>           |          |          |          |          |
|      |      |          | Qtz.             | 40%                             |           |                                       |            |      |    |                    |          |          |          |          |
| 58.5 | 73.5 |          |                  |                                 |           | fractured in                          |            |      |    |                    |          |          |          |          |
| <br> |      |          | part, scatte     | red Fe sta                      | ining     |                                       |            |      |    |                    |          |          |          |          |
|      |      |          | Feldspar<br>Qtz. | 55%<br>35-40%                   | Mica      | 5-10%                                 | ******     |      |    |                    |          |          |          |          |
| 72 5 | 74.0 |          |                  |                                 | ±-112     |                                       |            |      |    |                    |          |          |          |          |
| /3.5 | 74.2 |          | Graphic grey     | mea. crys                       | tailine   |                                       |            |      |    |                    |          |          |          |          |
|      | ·    |          | Feldspar<br>Qtz. | 60%<br>35%                      | Mica      | 5%                                    |            |      |    |                    |          |          |          |          |
| 74.2 | 78.0 |          | Block grey -     | · light gre                     | y coarse  | crystalline                           |            |      |    |                    |          |          |          |          |
|      |      |          | fractured th     | roughout,                       | scattered | Fe staining                           |            |      |    |                    |          |          |          |          |
|      |      |          | Feldspar         | 45%                             | Mica      | 10%                                   |            |      |    |                    |          |          |          |          |
| L    |      | <u></u>  | Qtz.             | 45%<br>                         |           | · · · · · · · · · · · · · · · · · · · |            |      |    |                    |          | <u> </u> | <u> </u> | <u> </u> |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST | -4-              |
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| Footage | Reading  | gie<br>Corrected |
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| Hole No. 86-8 Sheet No. 12 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Onto Legged                |              |             |

| FROM | TO   | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |      |              |
|------|------|----------|--|------------|------|----|--------------------|------|--------------|
| 78.0 | 79.5 |          | Graphic grey - light grey med coarse             |            |      |    |                    |      |              |
|      |      |          | crystalline fractured throughout, scattered      |            |      |    |                    |      |              |
|      |      |          | Fe staining                                      |            |      |    |                    |      |              |
|      |      |          | Feldspar 60% Mica 10%                            | •          |      |    |                    |      |              |
|      |      |          | Qtz. 30%   |            |      |    |                    |      |              |
| 79.5 | 81.6 |          | Block white - light grey coarse crystalline      |            |      |    |                    |      |              |
|      |      |          | fractured throughout, scattered Fe staining      |            |      |    |                    |      |              |
|      |      |          | Feldspar 52% Mica 8                              |            |      |    |                    |      |              |
|      |      |          | Qtz. 40%   |            | ·    |    |                    |      |              |
| 81.6 | 82.4 |          | Graphic v. light grey - grey brown Fe stained in |            |      |    |                    |      |              |
|      |      |          | part, coarse-med. crystalline fractured          |            |      |    |                    |      |              |
|      |      |          | Feldspar 60% Mica 5%                             |            |      |    |                    |      |              |
|      |      |          | Qtz. 35% Tourm trace - 1% v.f                    | .g.        |      |    |                    |      |              |
| 82.4 | 83.8 |          | Block light grey - grey brown fractured Fe       |            |      |    |                    |      |              |
|      |      |          | stained in part                                  |            |      |    |                    | <br> | <del> </del> |
|      |      |          | Feldspar 65% Mica 10%                            | _          |      |    |                    |      | <del> </del> |
|      |      |          | Qtz. 25% Tourm. trace                            | tr         |      |    |                    |      |              |
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PROPERTY HELLROARING CREEK

|             | DIP TEST     |  |  |  |  |  |  |
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|             | Angle        |  |  |  |  |  |  |
| Footage     |              |  |  |  |  |  |  |
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| Hole No Sheet No | Lat          | Total Depth 89.3 m |
|------------------|--------------|--------------------|
| Section          | Dep          | Logged By          |
| Date Begun       | Bearing      | Claim              |
| Date Finished    | Elev. Collar | Core Size 3.5 cm   |
| Date Logged      |              |                    |

| DE!  | TO   | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM | то           | WIDTH<br>OF SAMPLE |      |   |             |
|------|------|----------|--|------------|------|--------------|--------------------|------|---|-------------|
| 83.8 | 84.6 | .8 m     | Graphic light grey fmed. crystalline           |            |      |              |                    |      |   |             |
|      |      |          | disseminated tourm. and garnet                 |            |      |              |                    |      |   |             |
|      |      |          |  |            |      |              |                    |      |   |             |
|      |      |          | Feldspar 57% Mica 5%                           | 1          |      |              |                    |      |   |             |
|      |      |          | <u> Qtz. 27% Tourm. 3%</u>                     | 2 1        |      |              |                    |      |   |             |
|      |      |          | Garnet 8%                                      |            |      |              |                    |      |   | <del></del> |
| 84.6 | 84.9 | 3 m      | Block grey, coarse-med, crystalline, fractured | d          |      |              |                    |      |   |             |
|      |      |          | traces of disseminated tourm                   |            |      |              |                    |      |   |             |
|      |      |          | Feldspar 35% Mica 5%                           |            |      |              |                    |      |   |             |
|      |      |          | <u>Qtz. 60% Tourm trace</u>                    | tr         |      |              |                    |      |   |             |
| 84.9 | 85.5 |          | Aplite grey, f. crystalline heavily            |            |      |              |                    |      |   |             |
|      |      |          | contaminated with tourm. and garnet            |            |      |              |                    |      |   | -           |
|      |      |          | Feldspar 50% Mica trace                        |            |      |              |                    |      | · |             |
|      |      |          | Qtz. 45% Tourm 10%                             | 10         |      |              |                    |      |   |             |
|      |      |          | Garnet 5%                                      |            |      | <del>-</del> |                    |      |   |             |
|      |      |          |  |            |      | <del></del>  |                    |      |   | -           |
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| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |           |  |  |
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|         | Angle        |           |  |  |
| Footage | Reading      | Corrected |  |  |
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| Hole No. 86-8 Sheet No. 14 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

| DE!<br>FROM | TH<br>TO | RECOVERY |  | DES                                   | CRIPTION    |                 | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |              |          |   |
|-------------|----------|----------|--|---------------------------------------|-------------|-----------------|------------|------|----|--------------------|--------------|----------|---|
| 85.5        | 86.9     |          |  |                                       |             | ome Fe staining |            |      |    |                    |              |          |   |
|             |          |          | coarse cryst<br>tourmaline a   |                                       | aces of sca | attered         |            |      |    | i                  |              |          |   |
|             |          |          | Feldspar   | 53%                                   | Mica        | 5%              |            |      |    |                    |              |          |   |
|             |          |          | Qtz.   | 40%                                   | Tourm       | 1%              | 1          |      |    |                    | <br><u> </u> |          | · |
|             |          |          | Garnet   | 1%                                    |             |                 |            |      |    |                    |              |          |   |
|             |          |          |  |                                       |             |                 |            |      |    |                    |              |          |   |
|             |          |          |  |                                       |             |                 |            |      |    |                    |              |          |   |
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| PROPERTY | HELLROARING CREEK |
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Date Logged\_\_\_

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| Hole No. 86-8 Sheet No. 15 | Lat.         | Total Depth 89.3 m |
|----------------------------|--------------|--------------------|
| Section                    | Dep          | Logged By          |
| Date Begun                 | Bearing      | Claim 3.5 CM       |
| Date Finished              | Elev. Collar | Core Size          |

| FROM | PTH<br>TO | RECOVERY |                             | DES        | CRIPTION   |                                | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |             | T -     |          |  |
|------|-----------|----------|-----------------------------|------------|------------|--------------------------------|------------|------|----|--------------------|-------------|---------|----------|--|
| 86.9 | 87.3      |          | Aplite grey b               | orown Fe s | tained in  | part fmed.                     |            |      |    |                    | <del></del> |         |          |  |
|      |           |          | crystalline o               | disseminat | ed tourm c | rystals and                    |            | ļ —— |    |                    |             |         |          |  |
|      |           |          | scattered gan               | rnets      |            |                                |            |      |    |                    |             |         |          |  |
|      |           |          | Feldspar                    | 42%        | Mica       | 5%                             |            |      |    |                    |             |         |          |  |
|      |           |          | Qtz.                        | 40%        | Tourm      | 10%                            | 10         |      |    |                    |             |         | 1        |  |
|      |           |          | Garnet                      | 3%         |            |                                |            |      |    |                    |             |         |          |  |
| 87.3 | 88.8      | 1.5 m    | Block grey b                | rown - gre | y coarse - | v. coarse                      |            |      |    |                    | :           |         |          |  |
|      |           |          | crystalline 1               | fractured  | throughout | ,                              |            |      |    |                    |             |         |          |  |
|      |           |          | disseminated                | tourmalin  | e          |                                |            |      |    |                    |             |         |          |  |
|      |           |          | Feldspar                    | 46%        | Mica       | 17%                            |            |      |    |                    |             |         | <u> </u> |  |
|      |           |          | Qtz.                        | 35%        | Tourm      | 2%                             | 2          |      |    |                    |             |         |          |  |
| 88.8 | 89.3      |          | Aplite grey of disseminated |            |            | ne foliated,<br>ttered garnets |            |      |    |                    |             |         |          |  |
|      |           |          | Feldspar                    | 46%        | Mica       | trace                          |            |      |    |                    |             |         |          |  |
|      |           |          | Qtz.                        | 37%        | Tourm      | 12%                            | 12         |      |    |                    |             |         |          |  |
|      |           |          | Garnet                      | 5%         |            | E.O.H.                         |            |      |    |                    |             | <u></u> | <u> </u> |  |

| PROPERTY | HELLROARING | CREEK |
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HOLE No. DDH 86-9

|         | DIP TEST   |           |
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| Hole No   | 86-9     | Sheet | No. 1 |
|-----------|----------|-------|-------|
| Section _ | B 1+25N/ | 0+10E | J     |
| Date Beg  | un       |       |       |
| Date Fini | shed     |       |       |
| 0-4-1     |          |       |       |

Total Depth 124.3 m
Logged By D.H.

Claim \_\_\_\_\_
Core Size 3.5 cm BO

| DEF<br>FROM | TO   | RECOVERY |              | DESC        | RIPTION    |                 | SAMPLE No. | FROM | то       | WIDTH<br>OF SAMPLE |        |       |       |      |
|-------------|------|----------|--------------|-------------|------------|-----------------|------------|------|----------|--------------------|--------|-------|-------|------|
| 2.0         | 8.9  | 6.9      | Block grey - | light grey  | coarse c   | rystalline      | v.ff.m-    | C    |          |                    |        |       |       |      |
|             |      |          | scattered cr | ystalline i | tourm, fra | ctured          | #3         | 2.9  | 3.3      | c- med.            | crysta | lline | tourm | 2-3% |
|             |      |          | with some Fe | staining,   | bands of   | graphic granite |            | 7.2  | 7.4      | c- med.            | crysta | lline | tourm |      |
|             |      |          | at 4.2 - 4.5 | and 6.3 -   | 6.9 m      |                 | 1          |      | <u> </u> |                    |        |       |       |      |
|             |      |          | Feldspar     | 61%         | Mica       | 7%              |            |      |          |                    |        |       |       |      |
|             |      |          | Qtz.         | 30%         | Tourm      | 2%              | 2          |      |          |                    |        |       |       |      |
| 8.9         | 9.2  | 0.3 m    | Equigranular | light gre   | y med. cry | stalline        |            |      |          |                    |        |       |       |      |
|             |      |          | Feldspar     | 60%         | Mica       | 5%              |            |      |          |                    |        |       |       |      |
|             |      |          | Qtz.         | 30%         |            |                 |            |      |          |                    |        |       |       |      |
| 9.2         | 10.9 | . 1.7 m  | Block grey - | light gre   | y coarse c | rystalline      |            |      |          |                    |        |       |       |      |
|             |      |          | fractured wi | th some Fe  | staining   |                 |            |      |          |                    |        |       |       |      |
|             |      | -        | Feldspar     | 45%         | Mica       | 15%             |            |      |          |                    |        |       |       |      |
|             |      |          | Qtz.         | 40%         | Tourm      | trace           | tr         |      |          |                    |        |       |       |      |
| 10.9        | 11.4 | 0.5 m    | Graphic ligh | nt grey med | -coarse cr | ystalline       |            |      |          |                    |        |       |       |      |
|             |      |          | Feldspar     | 55%         | Qtz.       | 45%             |            |      |          |                    |        |       |       |      |

# DIAMOND (LL RECORD

| PROPERTY HELLROARING | CREEK |
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| Hole No. 86-9 Sheet No. 2 | Lat.         | Total Depth      |
|---------------------------|--------------|------------------|
| Section                   | Dep          | Logged By        |
| Date Begun                | Bearing      | Claim            |
| Date Finished             | Elev. Collar | core size 3.5 cm |
| <b>6</b> • •              |              |                  |

| DE   | PTH  | RECOVERY | DESCRIPTION   |            |      |    | WIDTH     |      | T |
|------|------|----------|---|------------|------|----|-----------|------|---|
| FROM |      |          |   | SAMPLE No. | FROM | то | OF SAMPLE | <br> |   |
| 11.4 | 16.8 |          | Block light grey - v. light grey coarse crystalling | •          |      |    |           |      |   |
|      |      |          | fractured in part, scattered Fe staining and        |            |      |    |           |      |   |
|      |      |          | scattered traces of disseminated tourm              |            |      |    |           |      |   |
|      |      |          | Feldspar 60% Mica 5%                                | tr         |      |    |           |      |   |
|      |      |          | Qtz. 35%  |            |      |    |           |      |   |
| 16.8 | 19.3 |          | Block grey - light grey coarse-med. crystalline     |            |      |    |           |      |   |
| 10.0 | 13.3 |          | thin graphic band at 17.2 - 17.3 m, scattered       |            |      |    |           |      |   |
|      |      |          | clusters of tourm crystals                          |            |      |    |           |      |   |
|      |      |          | Feldspar 55% Mica 12-15%                            |            |      |    |           |      |   |
|      |      |          | Qtz. 30% Tourm 1%                                   | tr 1       |      |    |           |      |   |
| 19.3 | 20.5 |          | Graphic light grey med. crystalline                 |            |      |    |           |      |   |
|      |      |          | Feldspar 60% Mica trace weak pinl                   |            |      |    |           |      |   |
|      |      | -        | Qtz. 40% Tourm trace staining                       | tr         |      |    |           |      |   |
| 20.5 | 23.2 |          | Block grey - light grey some manganese and Fe       |            |      |    |           |      |   |
|      | 1 1  |          | staining in fracture zones. Disseminated stain      |            |      |    |           |      |   |
|      |      |          | (Fe) strong @ 21.0 to 22.8 m with heavy manganese   |            |      |    |           |      |   |
|      |      |          | last 80 cm  |            |      |    |           |      |   |

| PROPERTY | HELLROARING CREEK |
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|         | DIP TEST |           |
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| Hole No. 86-9 Sheet No. 3 | Lat          | Total Depth      |
|---------------------------|--------------|------------------|
|                           | Dep          | Logged By        |
| Date Begun                | Bearing      | Claim            |
| Date Finished             | Elev. Collar | Core Size 3.5 cm |
| Date Logged               |              |                  |

| DEF  | TH                                     | RECOVERY |          | ne.                                   | SCRIPTION                               |      | SAMPLE No.   | 50014  | то          | WIDTH<br>OF SAMPLE |                  |   |  |
|------|--|----------|----------|---------------------------------------|---|------|--------------|--|-------------|--------------------|------------------|---|--|
| FROM | то                                     | NEOGVEN. |          |                                       | - CKIF I TOK                            |      | SAMPLE No.   | FRUM   | 10          | OF SAMPLE          |                  |   | <u> </u>   |
|      |  |          | Feldspar | 50%                                   | Mica                                    | 3%   |              |  |             |                    |                  |   |  |
|      |  |          | Otz.     | 47%                                   | Tourm                                   | neg. |              |  |             |                    |                  |   |  |
|      |  |          | :        |                                       |   |      |              |  |             |                    |                  |   |  |
|      |  |          |          |                                       |   |      |              |  | <del></del> |                    |                  |   |  |
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| PROPERTY | HELLROARING | CREEK |
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| Hole No. 86-9 Sheet No. 4 | Lat          | Total Depth      |
|---------------------------|--------------|------------------|
| Section                   | Dep          | Logged By        |
| Date Begun                | Bearing      | Claim            |
| Date Finished             | Elev. Collar | Core Size 3.5 cm |
| Date Looped               |              |                  |

| DE!  | TH   | RECOVERY | <del></del>  | DESC         | RIPTION            |           |                | SAMPLE No. | FROM  | то    | WIDTH                              |       |   | Ţ           |
|------|------|----------|--------------|--------------|--------------------|-----------|----------------|------------|-------|-------|------------------------------------|-------|---|-------------|
| 23.2 |      | <u> </u> | Graphic ligh |              |                    | w med co  | nvetalline     |            | FROM  |       | OF SAMPLE                          |       | - | <br>-       |
| ۵.۷  | 25.7 |          |              |              |                    | y med. Ci | y s ca ii iiie |            | ļ     |       |                                    |       |   | <br><b></b> |
|      |      |          | traces of di | sseminated 1 | tourm              |           |                |            |       |       |                                    |       |   |             |
|      |      |          |              |              |                    |           |                |            |       |       |                                    |       |   |             |
|      |      |          | Feldspar     | 62%          | Mica               | 2%        |                |            |       |       |                                    |       |   |             |
|      |      |          | Qtz.         | 35%          | Tourm              | 1%        |                | 1          |       |       |                                    |       |   |             |
| 25.7 | 35.0 |          | Graphic to b | lock granite | e fcoars           | e crysta  | lline          |            |       |       |                                    |       |   |             |
|      |      |          | with zones o | f high tour  | m contamir         | ation and | d bands        |            |       |       |                                    |       |   |             |
|      |      |          | of aplite    |              |                    |           |                |            |       |       |                                    |       |   |             |
|      |      |          | Feldspar     | 50%          | Mica               | 10%       |                |            |       |       |                                    |       |   |             |
|      |      |          | Qtz.         | 25%          | Tourm <sub>.</sub> | 5%        |                | 4 1        |       |       |                                    |       |   |             |
| 35.0 | 41.0 |          | Block light  | grey - grey  | coarse -           | v.coarse  |                |            |       |       |                                    |       |   |             |
|      |      |          | crystalline  | Fe staining  | 40.1 - 40          | ).5 m, sc | attered        |            |       |       |                                    |       |   |             |
|      |      | -        | traces of to | urm          |                    |           |                |            |       |       | ·                                  |       |   |             |
|      |      |          | Feldspar     | 45%          | Mica               | 10%       |                |            |       |       |                                    |       |   |             |
|      |      |          | Qtz.         | 45%          |                    |           | (for n 60      | cm to 40   | .53 m | ) *#2 | - Fe <sub>2</sub> 0 <sub>3</sub> @ | 40.33 | n |             |
|      |      |          |              |              |                    |           |                |            |       |       |                                    |       |   |             |
|      | 1    |          |              |              |                    |           |                |            |       |       |                                    |       | 1 | 1           |

|         | PROPERTY | HEL HEL          | LROARING CREEK            | н       | OLE No. DDH 86-9 |
|---------|----------|------------------|---------------------------|---------|------------------|
|         | DIP TEST |                  |                           |         |                  |
| Footage | Reading  | gle<br>Corrected | Hole No. 86-9 Sheet No. 5 | l at    | Total Depth      |
| 7001000 | Account. | 001100100        | Section                   |         |                  |
|         |          |                  | Date Begun                | Bearing | Claim            |
|         |          |                  | Date Finished             | •       | Core Size        |
|         |          |                  | Date Logged               |         |                  |

| DE!<br>FROM | TO   | RECOVERY                              | DESCRIP                    | TION                 | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |          |  |          |
|-------------|------|---------------------------------------|----------------------------|----------------------|------------|------|----|--------------------|----------|--|----------|
| 41.0        | 43.6 |                                       | Graphic to block grey - da | rk grey fcourse      |            |      |    |                    |          |  |          |
|             |      |                                       | crystalline heavily contam | inated with abundant |            |      |    |                    |          |  |          |
|             |      |                                       | tourm                      |                      |            |      |    |                    |          |  | <u></u>  |
|             |      |                                       |                            |                      |            |      |    |                    |          |  |          |
|             |      | · · · · · · · · · · · · · · · · · · · | Feldspar 51% M             | ica 15%              |            |      |    |                    |          |  |          |
|             |      |                                       | Qtz. 30% T                 | ourm 14%             | 11 3       |      |    |                    |          |  |          |
|             |      |                                       |                            |                      |            |      |    |                    |          |  | <u> </u> |
|             |      |                                       |                            |                      |            |      |    |                    |          |  |          |
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|             |      |                                       |                            |                      |            |      |    |                    |          |  |          |
|             |      |                                       |                            |                      |            |      |    |                    |          |  |          |
|             |      |                                       |                            |                      |            |      |    |                    |          |  | <u> </u> |
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|             |      |                                       |                            |                      | ļ          |      |    |                    |          |  |          |
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| PROPERTY | HELLROARING | CREEK |
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| Hole No. 86-9 Sheet No. 6 | Lot | Total Depth      |
|---------------------------|-----|------------------|
| Section                   |     | Logged By        |
| Date Begun                |     | Claim            |
| Date Finished             | *   | core Size 3.5 cm |
| Date Logged               |     |                  |

| DE   | PTH  | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |  |
|------|------|----------|--|------------|------|----|--------------------|---|--|
|      | 45.9 | lost     | Block light grey - grey brown (Fe stained) med - | 2.5 cm v   |      |    | UF SAMPLE          |   |  |
| 1000 |      | 1.3 m    | coarse crystalline, minor fault at 43.9 m,       | n 30° to   |      |    |                    |   |  |
|      |      |          | fractured, manganese staining                    |            |      |    |                    |   |  |
|      |      |          |  |            |      |    |                    |   |  |
|      |      |          | Feldspar 59% Muscovite 15%                       |            |      |    |                    |   |  |
|      |      |          | Qtz. 25% Tourm 1%                                | 1          |      |    |                    |   |  |
| 45.9 | 47.4 |          | Graphic to equigranular grey, fmed. crystalline  |            |      |    |                    |   |  |
|      |      |          | traxices of disseminated tourm and manganese     |            |      |    |                    |   |  |
|      |      |          | Feldspar 62% Muscovite 3%                        |            |      |    |                    |   |  |
|      |      |          | Qtz. 35%   | tr         |      |    |                    |   |  |
| 47.4 | 50.9 |          | Block, white - v. light grey coarse crystalline  |            |      |    |                    |   |  |
|      |      |          | fractured in part scattered manganese staining   |            |      |    |                    |   |  |
|      |      | -        | Feldspar 58% Muscovite 12%                       |            |      |    |                    |   |  |
|      |      |          | Qtz. 30% Tourm trace                             | tr         |      |    |                    |   |  |
|      |      |          | Garnet trace - 0.25                              |            |      |    |                    | / |  |
|      |      |          |  |            |      |    |                    |   |  |
|      |      |          |  |            |      |    |                    |   |  |

| PROPERTY | HELLROARING CREEK | HOLE No. DDH 8 |
|----------|-------------------|----------------|
|          |                   |                |

|           |           | DIP TEST |         |
|-----------|-----------|----------|---------|
|           | ngle      | An       |         |
| Hole Ne   | Corrected | Reading  | Footage |
| Section   |           |          |         |
| Date Begg |           |          |         |
| Date Fini |           |          |         |
| Date Look |           | <u> </u> |         |

| Hole No. 86-9 Sheet No. 7 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   |              | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Langed               |              |             |

|      |      |          |                 |  | e Logged                              |       | -          | ······································ | ·  | ***                | <br>  |   |  |
|------|------|----------|-----------------|--|---------------------------------------|-------|------------|--|----|--------------------|-------|---|--|
| DE F | TO   | RECOVERY |                 | DESC                                   | RIPTION                               |       | SAMPLE No. | FROM                                   | то | WIDTH<br>OF SAMPLE |       |   |  |
| 50.9 | 51.8 |          | Graphic white - | v. light                               | grey med-co                           | arse  |            |  |    |                    |       |   |  |
|      |      |          | crystalline     | ************************************** |                                       |       |            |  |    |                    | <br>  |   |  |
|      |      |          |                 |  |                                       |       |            |  | ·  |                    |       |   |  |
|      |      |          | Feldspar        | 70%                                    | Muscovite                             | trace |            |  |    |                    |       |   |  |
|      |      |          | Otz.            | 30%                                    | Marana                                |       |            |  |    |                    |       |   | ļ  |
|      |      |          |                 |  |                                       |       |            |  |    |                    |       |   | ļ  |
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| PROPERTY | HELLROARING CREEK | HOLE | N | DDH | 86-9 |  |
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|         | DIP TEST |           |  |
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|         | Angle    |           |  |
| Footage | Reading  | Corrected |  |
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| Hole No. 86-9 Sheet No. 8 | Lat          | Total Depth |
|---------------------------|--------------|-------------|
| Section                   | Dep          | Logged By   |
| Date Begun                | Bearing      | Claim       |
| Date Finished             | Elev. Collar | Core Size   |
| Date Looped               |              |             |

| DE!  | PTH         | RECOVERY | 0.000.000   | l·         |      |    | WIDTH                                 |  | Γ |
|------|-------------|----------|---|------------|------|----|---------------------------------------|--|---|
|      | <del></del> | RECOVERI | DESCRIPTION   | SAMPLE No. | FROM | то | OF SAMPLE                             |  |   |
| 51.8 | 59.5        |          | Block light grey coarse crystalline scattered Fe                              |            |      |    |                                       |  |   |
|      |             |          | staining, fractured in part with a cleavage at 90°                            |            |      |    | · · · · · · · · · · · · · · · · · · · |  |   |
|      |             |          | traces of manganese staining  |            |      |    |                                       |  |   |
|      |             |          | Feldspar 60% Muscovite 8%   |            |      |    |                                       |  |   |
|      |             |          | Qtz. 32%  |            |      |    |                                       |  |   |
| 59.5 | 60.3        |          | Graphic grey, grey brown (Fe stained) fractured                               |            |      |    |                                       |  |   |
|      |             |          | Feldspar 65% Muscovite trace  |            |      |    |                                       |  |   |
|      |             |          | Qtz. 35%  |            |      |    |                                       |  |   |
| 60.3 | 61.4        |          | Block grey coarse-med. crystalline scattered Fe staining, traces of manganese |            |      |    |                                       |  |   |
|      |             | -        | Feldspar 75% Muscovite trace Otz. 25%   |            |      |    |                                       |  |   |
| 61.4 | 62.7        |          | Graphic light grey brown (Fe stained) med f                                   |            |      |    |                                       |  |   |
|      |             |          | crystalline fractured in part   |            |      |    |                                       |  |   |
|      |             |          | Feldspar 45% Muscovite 8%   |            |      |    |                                       |  |   |

Qtz.

| TRUTER I | PROPERTY | HELLROARING CREEK |
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| Hole No. 86-9 Sheet No. 9 | Lat.  | Total Depth |
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|                           | Dep   | Logged By   |
| Date Begun                | Bearing   | Claim       |
| Date Finished             | •   | Core Size   |
| Date I paged              | LIGY. CONTINUE TO THE PARTY OF | COTO SIZO   |

| DE<br>FROM | PTH<br>TO | RECOVERY |              | DES               | CRIPTION       |                 | SAMPLE No. | FROM | то   | WIDTH<br>OF SAMPLE |         |        |         |             |
|------------|-----------|----------|--------------|-------------------|----------------|-----------------|------------|------|------|--------------------|---------|--------|---------|-------------|
| 62.7       | 68.0      | ·        | Block grey m | ed-coarse         | crystalline,   | vertical        |            |      |      |                    |         |        |         |             |
|            |           |          | fracturing,  | scattered         | clusters of to | ourm crystals   |            |      |      |                    |         |        |         |             |
|            |           |          |              |                   |                |                 |            |      |      |                    |         |        |         |             |
|            |           |          | Feldspar     | 52%               | Muscovite      | 12%             |            |      |      |                    |         |        |         |             |
|            |           |          | Qtz.         | 35%               | Tourm          | trace - 1%      | 1 tr       |      |      |                    |         |        |         |             |
| 68.0       | 69.4      |          | Equigranular | white - v         | . light grey : | med f.          |            |      |      |                    |         |        |         |             |
|            |           |          | crystalline, | traces of         | disseminated   | tourm           |            |      |      |                    |         |        |         |             |
|            |           |          | Feldspar     | 60%               | Muscovite      | 2%              |            |      |      |                    |         |        |         | <del></del> |
|            |           |          | Qtz.         | 38%               | Tourm          | trace           | tr         |      |      |                    |         |        |         |             |
| 69.4       | 71.3      |          | Block white  | - v. light        | grey med-coa   | rse crystalline | #4         | 70.9 | 71.0 | light to           | moderai | e Fe s | taining |             |
|            |           | ·        | traces of di | sseminated        | tourm          |                 |            |      |      |                    |         |        |         |             |
|            |           |          | Feldspar     | 55%               | Muscovite      | 10%             |            |      |      |                    |         |        |         |             |
|            |           | -        | Otz.         | 35%               | Tourm          | trace           | tr         |      |      |                    |         |        |         |             |
| 71.3       | 71.9      |          | Equigranular |                   |                | . crystalline   |            |      |      |                    |         |        |         |             |
|            |           |          | traces of di | <u>sseminated</u> | tourmaline     | <del></del>     |            |      |      |                    |         | ·      |         |             |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |           |
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| Footage | Reading      | Corrected |
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| Hole No. 86-9 Sheet No. 10 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              | ,           |

| DEF         | PTH      |          |                                       |   |                                       |  | T            | T T      |    | WINTH                                 | l .         | T  |   | T            |
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| DEF<br>FROM | ТО       | RECOVERY |                                       | DES                                     | CRIPTION                              |  | SAMPLE No.   | FROM     | то | WIDTH<br>OF SAMPLE                    |             | 1  |   |              |
|             |          |          |                                       |   |                                       |  |              |          |    |                                       |             | 1  | 1 |              |
|             |          |          | Feldspar                              | 60%                                     | Muscovite                             | 7%                                     |              | <b> </b> |    | <b> </b>                              |             | ļ  |   |              |
|             | L        |          |                                       |   |                                       |  |              |          |    | İ                                     |             |  |   |              |
|             |          |          | Qtz.                                  | 33%                                     | Tourm                                 | trace                                  | tr           |          |    |                                       |             |  |   |              |
|             |          |          |                                       | *************************************** |                                       |  |              | <b></b>  |    |                                       |             | <del>                                     </del> |   | $\vdash$     |
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| PROPERTY. | HELLROARING | CREEK |
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HOLE No. DDH 86-9

|         | DIP TEST Angle |           |  |  |
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| Footage | Reading        | Corrected |  |  |
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| Hole No. 86-9 Sheet No. 11 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE!  | PTH<br>TO | RECOVERY | DESCRIPTION                                   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |      |  |
|------|-----------|----------|---|------------|------|----|--------------------|------|--|
| 71.9 | 73.6      |          | Block light grey - v. light grey med-coarse   |            |      |    |                    |      |  |
|      |           |          | crystalline                                   |            |      |    |                    |      |  |
|      |           |          |   |            |      |    |                    |      |  |
|      |           |          | Feldspar 60% Muscovite 5%                     |            |      |    |                    |      |  |
|      |           |          | Qtz. 35%                                      |            |      |    |                    |      |  |
| 73.6 | 74.2      |          | Graphic light grey - grey, med. crystalline   |            |      |    |                    |      |  |
|      |           |          | Feldspar 60% Muscovite 3%                     |            |      |    |                    |      |  |
|      |           |          | Qtz. 37%                                      |            |      |    |                    |      |  |
| 74.2 | 78.5      |          | Block light grey-white, v. coarse-coarse      |            |      |    |                    |      |  |
|      |           |          | crystalline, traces of pyrrhotite on fracture |            |      |    |                    |      |  |
|      |           |          | faces at 76.6 m                               |            |      |    |                    |      |  |
|      |           |          |   |            |      |    |                    | <br> |  |
| -    |           |          | Feldspar 60% Muscovite 10%                    |            |      |    |                    | <br> |  |
|      |           |          | Qtz. 30%                                      |            |      |    |                    | <br> |  |
| 78.5 | 80.5      |          | Graphic light grey med-coarse crystalline     |            |      |    |                    |      |  |
|      |           |          | block granite zone at 79 m                    |            |      |    |                    |      |  |
|      |           |          | Feldspar 65% Muscovite trace                  |            |      |    |                    |      |  |

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| PROPERTY | HELLROARING | CREEK |
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| HOLE | N_  | DDH | 86-9 |
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| Footage | Reading      | Corrected |  |
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| Hole No. 86-9 Sheet No. 12 | Lot          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
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| DEPTH<br>FROM TO |      | RECOVERY | DESCRIPTION   | CAMBI E N  | 50014 |                                       | WIDTH                                 | T | <del></del> 1 |  |
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| <del></del>      | 1    | NEGOVEN. |   | SAMPLE No.   | FROM  | то                                    | OF SAMPLE                             |   |               |  |
| 80.5             | 82.0 |          | Block grey coarse-v. coarse crystalline   |  |       |                                       |                                       |   |               |  |
|                  |      |          | vertical fractures, graphic, tension marks  |  |       |                                       |                                       |   |               |  |
|                  |      |          | at 81.4 to 81.8 m   |  |       |                                       |                                       |   |               |  |
|                  |      |          | Feldspar 70% Qtz. 30%   |  |       |                                       |                                       |   |               |  |
| 82.0             | 84.6 |          | Block grey green v. coarse-coarse crystalline                                     |  |       |                                       |                                       |   |               |  |
|                  |      |          | disseminated pyrrhotite at 83.6 - 83.9 m  |  |       |                                       |                                       |   |               |  |
|                  |      |          | Feldspar 85% Muscovite 5% Otz. 10%  |  |       |                                       |                                       |   |               |  |
|                  |      |          |   |  |       |                                       |                                       |   |               |  |
| 84.6             | 91.8 |          | Block v. light grey - grey brown (some Fe staining                                | )  |       |                                       |                                       |   |               |  |
|                  |      |          | coarse-med. crystalline bertical fractures scattered traces of manganese staining |  |       |                                       |                                       |   |               |  |
|                  |      |          | Feldspar 55% Muscovite 10%  |  |       |                                       |                                       |   |               |  |
|                  |      | ·        | Qtz. 35%  | <del>"</del> , ",, <del>"</del> , ,, ", ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, |       | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |   |               |  |
| 91.8             | 96.0 |          | Graphic v. light grey, grey brown med. crystalline                                |  |       |                                       |                                       |   |               |  |
|                  |      |          | traces of disseminated tourm  | tr   |       |                                       |                                       |   |               |  |

#### PROPERTY HELLROARING CREEK

|         | DIP TEST |           |                            |              |             |
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| Footage | Reading  | Corrected | Hole No. 86-9 Sheet No. 13 | Lat          | Total Depth |
|         |          |           | Section                    | Dep          | Logged By   |
|         |          |           | Date Begun                 | Bearing      | Claim       |
|         |          |           | Date Finished              | Elev. Coliar | Core Size   |
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| DEP         | TH          |          |  |                                       |                                       |                                       | I  |  |    | WIDTH              |              |  |
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| DEP<br>FROM | TO          | RECOVERY |  | DES                                   | CRIPTION                              |                                       | SAMPLE No.                                   | FROM   | TO | WIDTH<br>OF SAMPLE |              |  |
|             |             |          |  |                                       |                                       |                                       |  |  |    |                    |              |  |
|             |             |          |  |                                       |                                       | · · · · · · · · · · · · · · · · · · · |  |  |    |                    |              |  |
|             |             |          | Feldspar                               | 55%                                   | Muscovite                             | 8%                                    |  |  |    |                    |              |  |
|             |             |          |  | 37%                                   |                                       |                                       |  |  |    |                    |              |  |
| <del></del> | <del></del> |          | Qtz.                                   | 31/0                                  |                                       |                                       |  |  |    |                    |              | <br><del> </del>                                 |
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| PROPERTY | HELLROARING CREEK |
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| Hole No. 86-9 Sheet No. 14 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
|                            | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Leased                |              |             |

| DEF       | PTH<br>TO | RECOVERY     | ************************************** | DES        | CRIPTION      |             | s     | AMPLE No. | FROM     | то   | WIDTH<br>OF SAMPLE |         |          |          |      |
|-----------|-----------|--------------|--|------------|---------------|-------------|-------|-----------|----------|------|--------------------|---------|----------|----------|------|
| 96.0      | 98.2      | 2.2 m        | Block light                            | grey - v.  | light grey co | arse - f.   |       |           |          |      |                    |         |          |          |      |
|           |           |              | crystalline                            | traces of  | disseminated  | tourm       |       |           |          |      |                    |         |          |          |      |
|           |           |              |  |            |               |             |       |           |          |      |                    |         |          |          |      |
|           |           |              | Feldspar                               | 60%        | Muscovite     | 10%         |       |           |          |      |                    |         |          |          |      |
|           |           |              | Qtz.                                   | 30%        | Tourm         | trace       |       | tr        |          |      |                    |         |          |          |      |
| 98.2 98.6 | .4 m      | Graphic ligh | t grey med                             | f. crysta  | lline         |             |       |           |          |      |                    |         |          |          |      |
|           |           |              | Feldspar                               | 70%        | Muscovite     | trace       |       |           |          |      |                    |         |          |          |      |
|           | · ·       |              | Qtz.                                   | 30%        |               |             |       | 0 0       |          |      |                    |         |          |          |      |
| 98.6      | 101.6     |              | Block v. lig                           | ht grey -  | light grey co | arse - v. c | oarse | #1        | 101.0    | 101. | l clean u          | ncontam | nated    | pegmat   | ite  |
|           |           |              | crystalline.                           | grading t  | o graphic     |             |       |           | <u> </u> |      |                    |         |          | <b></b>  |      |
|           |           |              | Feldspar                               | 75%        | Muscovite     | 12%         |       |           |          |      |                    |         |          |          |      |
|           |           |              | Qtz.                                   | 13%        |               |             |       |           |          |      | ļ                  |         |          | <u> </u> |      |
| 101.6     | 103.5     | -            | Block grey g                           | reen – gre | y coarse crys | talline     |       | #3        | 101.8    | 3    | aplitic            | , v.f.  | crystal  | ine,     | w th |
|           |           |              | microcline w                           | ith some d | isseminated p | yrrhotite   |       |           |          |      | scatter            | ed occu | rences   | of       |      |
|           |           |              | some vertica                           | l fracturi | ng with Fe st | aining      |       |           |          |      | pyrrhot            | ite.    | <u> </u> |          |      |
|           |           |              | Feldspar                               | 65%        | Muscovite     | 5%          |       |           |          |      |                    |         |          | <u> </u> |      |
|           |           |              | Qtz.                                   | 30%        | Pyrrhotite    | trace - 1   | % 0   | C         |          |      |                    |         |          |          |      |

| ROPERTY | HEL | l |
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| ROPERTY |     | • |

HELLROARING CREEK

|         | DIP TEST    |           |
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| Footage | Reading     | Corrected |
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| Hole No. 86-9 Sheet No. 15 | Lat          | Total Depth |
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| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Longed                |              |             |

| DE F      | TH<br>TO | RECOVERY |               | DES         | CRIPTION      |             | SAMPLE | Na. | FROM | то   | WIDTH<br>OF SAMPLE |         |        |          |      |
|-----------|----------|----------|---------------|-------------|---------------|-------------|--------|-----|------|------|--------------------|---------|--------|----------|------|
| 103.5     | 104.     | þ        | Aplite dark ( | grey v.f. o | crystalline d | isseminated | #4     | 10  | 3.8  | 103. | 9 - v.f cı         |         | ne dis | seminate | d to |
|           |          |          | tourm and gar | rnet crysta | als minor fau | lt plane at |        |     |      |      |                    |         |        |          |      |
|           |          |          | base          |             |               |             |        |     |      |      |                    |         |        |          |      |
|           |          |          | Feldspar      | 41%         | Muscovite     | 5%          |        |     |      | 1    |                    |         |        |          |      |
|           |          |          | Qtz.          | 30%         | Tourm         | 14%         | 14     |     |      |      |                    |         |        |          |      |
|           |          |          | Garnet        | 10%         |               |             |        |     |      |      |                    |         |        |          |      |
| 104.0 104 | 104      | .6       | Block grey    | - dark gre  | ey coarse - v | . coarse    |        |     |      |      |                    |         |        |          |      |
|           |          |          | Feldspar      | 30%         | Qtz.          | 70%         | 0      | 0   |      |      |                    |         |        |          |      |
| 104.6     | 105,5    |          | Aplite dark   | grey - grey | y_f v. f.     | crystalline | #4     | 10  | 5.0  | 105. | 1 - v. f.          | crystal | line d | issemina | ted  |
|           |          |          | disseminated  | tourm and   | garnet        |             |        |     |      |      | tourm              |         |        |          |      |
|           |          |          | Feldspar      | 45%         | Muscovite     | 10%         |        |     |      |      |                    |         |        |          |      |
|           |          |          | Qtz.          | 30%         | Tourm         | 12%         | 12     |     |      |      |                    |         |        |          |      |
|           |          |          | Garnet        | 3%          |               |             |        | _   |      |      |                    |         |        |          |      |
|           |          |          |               |             |               |             |        | -   |      |      | ·                  |         |        |          |      |

| PROPERTY | HELLROARING CREEK | HOLE No | DDH | 86-9 |
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| Hole No Sheet No | Lot          | Total Depth |
|------------------|--------------|-------------|
| Section          | Dep          | Logged By   |
| Date Begun       | Bearing      | Claim       |
| Date Finished    | Elev. Collar | Core Size   |
| Onto Lorend      |              |             |

| DE   | TO | RECOVERY |             | DES         | CRIPTION                              |            | SAMPLE No. | FROM | то                                    | WIDTH<br>OF SAMPLE |  |  |
|------|----|----------|-------------|-------------|---------------------------------------|------------|------------|------|---------------------------------------|--------------------|--|--|
| 105. |    | 8        | Block light | grey v. coa | arse-coarse ci                        | rystalline |            |      |                                       |                    |  |  |
|      |    |          |             |             | tourm crystal:                        |            |            |      |                                       |                    |  |  |
|      |    |          | ·           |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          | Feldspar    | 55%         | Muscovite                             | 13%        |            |      |                                       |                    |  |  |
|      |    |          | Qtz.        | 30%         | Tourm                                 | 2%         | 1 1        |      | · · · · · · · · · · · · · · · · · · · |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             | ····        |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
| ,    |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    | -        |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             | · · · · · · · · · · · · · · · · · · · |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |
|      |    |          |             |             |                                       |            |            |      |                                       |                    |  |  |

| PROPERTY | HELLROARING CREEK |
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| DIP TEST |               |     |  |  |  |  |  |
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| Footage  | stage Reading |     |  |  |  |  |  |
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|          |               |     |  |  |  |  |  |
|          |               |     |  |  |  |  |  |

| Hole No. 86-9 Sheet No. 17 | Lat          | Total Depth 124.35 m / 408 |
|----------------------------|--------------|----------------------------|
| Section                    | Dep          | Logged By                  |
| Date Begun                 | Bearing      | Claim                      |
| Date Finished              | Elev. Collar | Core Size 3.5 CM           |
| Date Logged                |              |                            |

|          | PTH<br>TO | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM     | то   | WIDTH<br>OF SAMPLE |         |         |         |              |
|----------|-----------|----------|--|------------|----------|------|--------------------|---------|---------|---------|--------------|
| 106.8    | 108.5     |          | Aplite dark grey - grey v.ff. crystalline          | #4 10      | 7.3      | 107. | - v.f. c           | rystall | ine dis | seminat | ed           |
|          |           |          | abundant disseminated tourm, scattered garnet      |            |          |      |                    | tourm   |         |         |              |
|          |           |          |  |            |          |      |                    |         |         |         |              |
|          |           |          | Feldspar 55% Muscovite 12%                         |            |          |      |                    |         |         |         |              |
| <u> </u> |           |          | Qtz. 23% Tourm 8%                                  | 8          |          |      |                    |         |         |         |              |
|          |           |          | Garnet 2%  |            |          |      |                    |         |         |         |              |
| 108.5    | 121.1     |          | Block white - grey, coarse - med. crystalline      | #1 13      | 1.1      | 111. | 5 - clean          | unconta | minated | pegmat  | ite          |
|          |           |          | occasional Fe staining, equigranular from 112 -    |            | ļ        |      |                    |         |         |         | <del> </del> |
| ļ        |           |          | 112.5 m traces of disseminated tourm with aplitic  |            | ļ        |      |                    |         |         |         | <u> </u>     |
|          |           |          | zones at 116.4 - 116.8 & 117.5 m                   |            |          |      |                    |         |         |         |              |
|          |           |          | Feldspar 56% Muscovite 8%                          |            |          |      |                    |         |         |         |              |
|          |           |          | Qtz. 33% Tourm 1%                                  | 1          |          |      |                    |         |         |         |              |
|          |           |          | Garnet 2%  |            | <u> </u> |      |                    |         |         |         |              |
| 121.1    | 122.6     | 5        | Aplite grey v.ff. crystalline with bands of        | #4 12      | 1.6      | 122. | - v.f. c           | rystall | ine dis | seminat | ed_          |
|          |           |          | coarse crystalline block type granite              |            |          |      |                    | tourm   |         |         |              |
|          |           |          | disseminated tourm throughout and scattered garnet |            | ļ        |      |                    |         |         |         |              |
|          |           |          | Feldspar 54% Muscovite 9%                          |            |          |      |                    |         |         |         |              |
|          |           |          | Qtz. 25% Tourm 7%                                  | 7          |          |      |                    |         |         |         |              |
|          |           |          | Garnet 2%  |            |          |      |                    |         |         |         |              |

| PROPERTY | HELLROARING | CREEK |
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HOLE No. 124.35 m/ 408'

|         | DIP TEST |           |
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|         | An       | gle       |
| Footage | Reading  | Corrected |
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| Hole No. 86-9 Sheet No. 18 | Lat          | Total Depth  |
|----------------------------|--------------|--------------|
| Section                    | Dep          | Logged By    |
| Date Begun                 | Bearing      | Claim        |
| Date Begun Sept. 14, 1986  | Elev. Collar | Claim 3.5 cm |
| Date Logged Sept. 29, 1986 |              |              |

|                  | CELLUVERT ! | DESCRIPTION                                   |   | 1   |   |  | WIDTH  |  | 1   |  |
|------------------|-------------|---|---|---|---|--|--|--|---|--|
| 0                | ECOVERY     |   | SAMPLE  |   |   |  | OF SAMPLE  |  |   |  |
| 124.3            | 5           | Block light grey, v. coarse crystalline clean | #1  | 12]   | 3.24  | 3 - 0  | lean uncor   | itamina  | ed pegn   | atite  |
|                  |             | crystalline rock                              |   |   |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   |  |
|                  |             | Feldspar 55% Muscovite 12%                    |   |   |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   |  |
|                  |             | Hole brought to completion due to technical   |   | <del> </del>  |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   |  |
|                  |             | problems in driffing (fright corque)          |   |   |   |  |  |  |   |  |
|                  |             | F O H   |   |   |   |  |  |  |   |  |
|                  |             | L.V.II.                                       |   |   |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   |  |
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| <del>-   ·</del> |             |   |   |   |   |  |  |  |   |  |
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|                  |             |   |   |   |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   |  |
|                  |             |   |   |   |   |  |  |  |   | /  |
|                  |             |   |   | 1   |   |  |  |  |   |  |
|                  |             | 124.3   | crystalline rock  Feldspar 55% Muscovite 12% Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | reldspar 55% Muscovite 12% Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | crystalline rock  Feldspar 55% Muscovite 12% Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | crystalline rock  Feldspar 55% Muscovite 12%  Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | crystalline rock  Feldspar 55% Muscovite 12%  Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | crystalline rock  Feldspar 55% Muscovite 12%  Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | crystalline rock  Feldspar 55% Muscovite 12% Otz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. | crystalline rock  Feldspar 55% Muscovite 12%  Qtz. 33%  Hole brought to completion due to technical problems in drilling (high torque)  E.O.H. |

| PROPERTY HELLROARIN | G CREEK |
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HOLE No. DDH 86-10

|                 | DIP TEST       |     |  |  |
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| Footag <b>⊕</b> | ootage Reading |     |  |  |
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| Hole No     | 36-10 | She | et Ne | \ |
|-------------|-------|-----|-------|---|
| Section     |       |     |       | ( |
| Date Begun  | Sept. | 14, | 1986  | 1 |
| Date Finish | ed    |     |       |   |
| Onto Lanna  | Sent  | 15. | 1986  |   |

75. Total Depth 114.9m

1p. Logged By D.H.

1aring -600 1150

2v. Collar 1577.5m Core Size 3.5 cm BQ

| FROM    | TO  | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM         | то | WIDTH<br>OF SAMPLE |                                       |          |   |  |
|---------|-----|----------|--|------------|--------------|----|--------------------|---------------------------------------|----------|---|--|
| 2.2     | 2.6 |          | Graphic grey, grey brown (Fe staining) coarse  | TOURM%     |              |    |                    |                                       |          |   |  |
|         |     |          | crystalline, traces of med. crystalline tourm. |            |              |    |                    |                                       |          |   |  |
|         |     |          |  |            | ļ            |    | :                  |                                       |          |   |  |
|         |     |          | Feldspar 70% Tourm. tr-1%                      | 1          |              |    |                    |                                       | ļ        |   |  |
|         |     |          | Qtz. 30%                                       |            | ļ            |    |                    |                                       |          | , |  |
|         |     |          |  |            | <u> </u>     |    |                    |                                       |          |   |  |
| 2.6 3.4 | 3.4 |          | Block grey medcoarse crystalline scattered     |            | <del> </del> |    |                    |                                       | <u> </u> |   |  |
|         |     |          | tourm. crystals                                |            |              |    |                    | · · · · · · · · · · · · · · · · · · · |          |   |  |
|         |     |          | Feldspar 57% Muscovite 5%                      |            |              |    |                    |                                       |          |   |  |
|         |     |          | Qtz. 33% Tourm. 5%                             | 4 1        |              |    |                    |                                       |          |   |  |
| 3.4     | 4.3 |          | Graphic grey medcoarse crystalline, scattered  |            |              |    |                    |                                       |          |   |  |
|         |     |          | tourm. crystals, manganese staining            |            |              |    |                    |                                       |          | / |  |
|         |     |          | Feldspar 65% Tourm, tr-1%                      | 7          |              |    | ·                  |                                       |          |   |  |
|         |     | -        | Otz. 35%                                       |            |              |    |                    |                                       |          |   |  |
|         |     |          |  |            |              |    |                    |                                       |          |   |  |
| 4.3     | 9.3 |          | Block light grey coarse-med. crystalline.      |            | <del> </del> |    |                    |                                       | <u> </u> |   |  |
|         |     |          | scattered tourm. clusters, manganese staining  |            | ļ            |    |                    |                                       |          |   |  |
|         |     |          |  |            | <u></u>      | L  |                    |                                       |          |   |  |

| PROPERTY_ | HELLROARING CREEK |  |
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|         | DIP TEST     |             |  |  |  |  |  |  |  |  |  |
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| Footage | Reading      | Corrected   |  |  |  |  |  |  |  |  |  |
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| Hole No. 86-10 Sheet No. 2 Section |             | Total Depth |
|------------------------------------|-------------|-------------|
| Date Begun                         | Bearing     | Claim       |
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| DE!   | PTH | RECOVERY |          | 056  | CRIPTION  | ····   | T          | Ī  |              | WIDTH              | <del>,</del> | T            | <u> </u> |  |
|---|-----|----------|----------|--|-----------|--------|------------|--|--------------|--------------------|--------------|--------------|----------|--|
| FROM  | TO  | RECOVERT |          |  | CRIPTION  |        | SAMPLE No. | FROM   | то           | WIDTH<br>OF SAMPLE |              |              |          |  |
|   |     |          | Feldspar | 51%  | Muscovite | 7%     |            |  | <u> </u>     |                    |              |              |          |  |
|   |     |          | Qtz.     | 38%  | Tourm.    | 4%     | 3 1        |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          | Carlot Mathematica de la compansa de la Augusta de La Carlot de La Car |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  | <u> </u>     |                    |              | <u> </u>     |          |  |
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|   |     |          |          |  |           |        |            | <del> </del>                                     | <b></b>      |                    |              |              |          |  |
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|   |     | -        |          |  |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  |              |                    |              |              |          |  |
|   |     |          |          |  |           |        |            |  |              |                    |              |              |          |  |
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| PROPERTY        | HELLROARING | CREEK |
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| <b>FROFERII</b> |             |       |

Date Logged\_

|         | DIP TEST     |           |
|---------|--------------|-----------|
|         | An           | gie       |
| Footage | Reading      | Corrected |
|         |              |           |
|         | <del> </del> |           |
|         |              |           |
|         |              |           |
|         |              |           |

| Hole No. 86-10 Sheet No. 3 |         | Total Depth |
|----------------------------|---------|-------------|
| Date Begun                 | Bearing | Claim       |

| FROM | TO      | RECOVERY |               | DESCR                                      | IPTION          |                                       | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |      |   |          |
|------|---------|----------|---------------|--|-----------------|---------------------------------------|------------|----------|----|--------------------|------|---|----------|
| 9.3  | 12.5    |          | Block arev -  | light grev c                               | oarse-med.crys  | talline.                              |            |          |    |                    |      |   |          |
|      |         |          |               |  | vertical fract  |                                       |            |          |    |                    |      |   |          |
|      |         |          | Fe staining.  |  |                 | •                                     |            |          |    |                    |      |   |          |
|      |         |          |               |  |                 |                                       |            |          |    |                    |      |   |          |
|      |         |          | Feldspar      | 65%  | Muscovite       | 5%                                    |            |          |    |                    |      |   |          |
|      |         |          | Qtz.          | 30%  | Tourm.          | tr.                                   | tr         |          |    |                    |      |   |          |
| 10.5 | 1.6.0   |          | 0             |  |                 |                                       |            |          |    |                    |      |   |          |
| 12.5 | 16.0    |          |               | Graphic light grey med -coarse crystalline |                 |                                       |            |          |    |                    |      |   |          |
|      |         |          | fractured in  | part mangane                               | se staining     |                                       |            |          |    |                    |      |   |          |
|      |         |          | Feldspar      | 65%  | Muscovite       | 5%                                    |            |          |    |                    |      |   | <u> </u> |
|      |         |          | Qtz.          | 30%  |                 |                                       | 0 0        |          |    |                    |      |   |          |
| 16.0 | 20.0    |          | Block grev co | arse-med.cr                                | ystalline, occa | sional                                |            |          |    |                    |      | , |          |
|      |         |          | hands of grap |  |                 |                                       |            |          | -  |                    |      |   |          |
|      |         |          | Feldspar      | 52%  | Muscovite       | 12%                                   |            |          | ļ  | ,                  |      | , |          |
|      |         |          | Qtz.          | 30%  | Tourm.          | 6%                                    | 6          |          |    |                    |      |   |          |
|      |         |          |               |  |                 | · · · · · · · · · · · · · · · · · · · |            | <u> </u> | ļ  | <u> </u>           | <br> |   | <u> </u> |
| 20.0 | 21.0    |          | Graphic grey  | - light grey                               | Fe stained      |                                       | <u> </u>   | <u> </u> |    |                    |      |   |          |
|      |         |          | Feldspar      | 60%  | Muscovite       | 8%                                    |            |          |    |                    |      |   |          |
|      | <b></b> |          | Qtz.          | 32%  |                 |                                       | 0 0        |          |    |                    | <br> |   |          |

| PROPERTY | HELLROARING CREEK |  |
|----------|-------------------|--|
| PROFERIT |                   |  |

|         | DIP TEST      |                  | ·                          |              |              |
|---------|---------------|------------------|----------------------------|--------------|--------------|
| Footage | An<br>Reading | gie<br>Corrected | Hole No. 86-10 Sheet No. 4 | Lot          | Total Depth. |
|         |               |                  | Section                    | Dep          | Logged By_   |
|         |               |                  | Date Begun                 | Bearing      | Claim        |
| <u></u> |               |                  | Date Finished              | Elev. Collar | Core Size    |
|         | L             | L                | Date Logged                |              |              |

| FROM    | TO           | RECOVERY | DESCRIPTION                                  | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |          |     |  |
|---------|--------------|----------|--|------------|----------|----|--------------------|----------|-----|--|
| 21.0    | 22.9         |          | Block grey - light grey v.coarse-coarse      |            |          |    |                    |          |     |  |
|         |              |          | crystalline, fractured in part               |            |          |    |                    |          |     |  |
|         |              |          |  |            |          |    |                    |          |     |  |
|         |              |          | Feldspar 58% Muscovite 7%                    |            |          |    |                    |          |     |  |
|         |              |          | Qtz. 35%                                     | 0 0        |          |    |                    |          |     |  |
| <b></b> |              |          |  |            | <u> </u> | ļ  |                    |          |     |  |
| 22.9    | 24.5         |          | Block dark grey, coarse-med. crystalline     |            |          | ļ  |                    | <u> </u> |     |  |
|         |              |          | Fe staining, manganese staining              |            |          |    |                    |          |     |  |
|         |              |          | Feldspar 68% Muscovite 2%                    |            |          |    |                    |          |     |  |
|         |              |          | Otz. 30%                                     | 0 0        |          |    |                    |          |     |  |
| 24.5    | 25.8         |          | Graphic grey, coarse-med, crystalline, clean |            |          |    |                    |          |     |  |
|         |              | •        | Feldspar 68% Muscovite 2%                    |            |          |    |                    |          | , , |  |
|         |              |          | Otz. 30%                                     | 0 0        |          |    |                    |          |     |  |
| 25.8    | 28. <b>2</b> |          | Block light grey - light grey green coarse   |            |          |    |                    |          |     |  |
|         |              |          | v. coarse crystalline grading to graphic     |            |          |    |                    |          |     |  |
|         |              |          | Feldspar 65% Muscovite 5%                    |            |          |    |                    |          |     |  |
|         |              |          | Qtz. 30%                                     | 0 0        | ~        |    |                    | <br>     |     |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
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|         | DIP TEST   |           |                            |              |             |
|---------|--|-----------|----------------------------|--------------|-------------|
|         | An   | gle       | 26.10                      |              |             |
| Footage | Reading  | Corrected | Hole No. 86-10 Sheet No. 5 | Lat          | Total Depth |
|         | <u> </u>   |           | Section                    | Dep          | Logged By   |
|         | <del>                                     </del> |           |                            | On ania a    | Claim       |
|         | <del> </del>                                     |           | Date Begun                 | Bearing      | Clum        |
|         |  |           | Date Finished              | Elev. Collar | Core Size   |
|         |  |           | 0.4. /                     |              |             |
|         |  |           | Date Logged                | •            |             |

| DEF  | TH<br>TO | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |          |          |         |  |
|------|----------|----------|---|------------|------|----|--------------------|----------|----------|---------|--|
| 28.2 | 32.0     |          | Block, white - light grey, coarse crystalline   |            |      |    |                    |          |          |         |  |
|      |          |          | bands of disseminated tourm. Fe and manganese   |            |      |    |                    |          | <u> </u> | <b></b> |  |
|      |          |          | staining.   |            |      |    |                    |          |          |         |  |
|      |          |          |   |            |      |    |                    |          | <u> </u> | ,       |  |
|      |          |          | Feldspar 64% Muscovite 2%   |            |      |    |                    |          |          |         |  |
|      |          |          | Qtz. 30% Tourm. 4%  | 4          |      |    |                    |          |          |         |  |
| 32.0 | 33.9     |          | Block light grey - grey brown (some Fe staining) coarse-med. crystalline, scattered manganese |            |      |    |                    |          |          |         |  |
|      |          |          | staining.   |            |      |    |                    |          |          |         |  |
|      |          |          | Feldspar 55% Muscovite 8%   |            | ļ    |    |                    |          | ļ        |         |  |
|      |          |          | Qtz. 37%  | 0 0        |      |    |                    | <u>-</u> |          | ,       |  |
| 33.9 | 36.0     |          | Block light grey brown, some Fe staining med coarse crystalline, disseminated tourm.          |            |      |    |                    |          |          | ,       |  |
|      |          |          | Feldspar 60% Muscovite 10%  |            |      |    |                    |          |          |         |  |
|      |          |          | Qt.z. 28% Tourm 2%  | 1          |      |    |                    |          | <u> </u> |         |  |
|      |          |          |   |            |      |    |                    |          |          |         |  |

| PROPERTY | HELLROARING ( | CREEK |
|----------|---------------|-------|
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HOLE No. DDH 86-10

|         | DIP TEST     |            |
|---------|--------------|------------|
|         | An           | gle        |
| Footage | Reading      | Corrected  |
|         |              | ļ <u>.</u> |
|         | <del>}</del> |            |
|         | <del> </del> |            |
|         |              |            |
|         |              | I          |

| Hole No. 86-10 Sheet No. 6 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun Sept. 14, 1986  |              | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DEF      | TH   | RECOVERY |                | DESCR         | IPTION          |             | SAMPLE No | FROM         | то | WIDTH<br>OF SAMPLE |   |  | ,            |          |
|----------|------|----------|----------------|---------------|-----------------|-------------|-----------|--------------|----|--------------------|---|--|--------------|----------|
| 36.0     | 36.7 |          | Equigranular   | dark grey, n  | ned. crystallin | e, some     |           | <u> </u>     |    |                    |   |  |              |          |
|          |      |          | Fe and manga   | nese staining | ]               | <del></del> |           |              | ļ  |                    |   |  |              |          |
|          |      |          | - <del> </del> |               |                 |             |           | -            |    |                    |   |  |              |          |
|          |      |          | Feldspar       | 45%           | Muscovite       | 18%         |           | <del> </del> |    | <u> </u>           | 1 | <del>                                     </del> | <del> </del> | <b> </b> |
|          |      |          | Qtz.           | 37%           |                 | <u></u>     | 0 0       | -            |    |                    |   |  |              |          |
| 36.7     | 37,5 |          |                |               | oarse-v. coarse |             |           |              |    |                    |   |  |              |          |
| <u> </u> |      |          | crystalline.   | some Fe stai  | ning            |             |           |              |    |                    |   |  |              |          |
| 37.5     | 39.0 |          | Feldspar       | 45%           | Muscovite       | 10%         |           | ļ            | ļ  |                    |   | ļ  | <u> </u>     |          |
|          |      |          | Qt.z.          | 30%           |                 |             | 0 0       |              | -  |                    |   |  |              |          |
| 37.5     | 39.0 |          | Graphic grey   | - light grey  | medcoarse cr    | ystalline   |           |              |    |                    |   |  | ,            |          |
|          |      | ·        | Feldspar       | 60%           | Muscovite       | 10%         |           |              |    |                    |   |  |              |          |
|          |      | -        | Qtz.           | 30%           |                 |             | 0 0       |              | ļ  |                    |   |  |              |          |
| 39.0     | 42.5 |          | Block grey -   | light grey m  | edcoarse crys   | talline     |           | <b> </b>     |    |                    |   |  |              |          |
|          |      |          | traces of Fe   | staining      |                 |             |           | -            | -  |                    |   |  |              |          |
|          |      |          | Feldspar       | 62%           | Muscovite       | 8%          |           |              |    |                    |   |  |              |          |

Qtz.

30%

0

0

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|          |                   |

HOLE No. DDH 86-10

|         | DIP TEST |           |
|---------|----------|-----------|
|         | An       | gle       |
| Footage | Reading  | Corrected |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |
|         | 1        |           |
|         |          |           |

| Hole No. 86-10 Sheet No. 7 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DEI      | TO    | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |   |  |
|----------|-------|----------|--|------------|------|----|--------------------|--|---|--|
| 42.5 43. |       |          | Equigranular grey - light grey med. crystalline  |            |      |    |                    |  |   |  |
|          |       |          | Feldspar 62% Muscovite 3% Qtz. 35%   | 0 0        |      |    |                    |  |   |  |
| 43.24    | 44.0  |          | Block light grey - grey coarse crystalline   |            |      |    |                    |  |   |  |
|          |       |          | Feldspar 67% Muscovite 3% Qtz. 30%   | 0 0        |      |    |                    |  |   |  |
| 44.0     | 45.1  |          | Graphic v. light grey - white coarse-med crystalline   |            |      |    |                    |  | , |  |
|          |       | ·        | Feldspar 68% Muscovite 2%<br>Otz. 30%  |            |      |    |                    |  | / |  |
| 45.1 5   | 54,25 |          | Block light grey - grey brown, some Fe and manganese staining medcoarse crystalline fractured throughout |            |      |    |                    |  |   |  |
|          |       |          | Feldspar 65% Muscovite 10%   |            |      |    |                    |  |   |  |

Qtz.

**2**5%

Tourm. tr.

tr.

| PROPERTY | HELLROARING CREEK |   |
|----------|-------------------|---|
| INVELNI  |                   | - |

HOLE No. DDH 86-10

| DIP TEST |         |           |  |  |  |  |  |  |
|----------|---------|-----------|--|--|--|--|--|--|
|          | Angle   |           |  |  |  |  |  |  |
| Footage  | Reading | Corrected |  |  |  |  |  |  |
|          |         |           |  |  |  |  |  |  |
|          |         |           |  |  |  |  |  |  |
|          |         | ļ         |  |  |  |  |  |  |
|          |         |           |  |  |  |  |  |  |
|          |         |           |  |  |  |  |  |  |

| Hole No. 86-10 Sheet No. 8 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun                 |              | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE!   | TH   | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM   | то | WIDTH<br>OF SAMPLE |                  |   |  |
|-------|------|----------|---|------------|--|----|--------------------|------------------|---|--|
|       |      |          |   | -          | 7.1.0  |    | OF SAMPLE          | <br>             |   |  |
| 54.25 | 55.4 |          | Graphic light grey, medcoarse crystalline         |            |  |    |                    |                  |   |  |
|       |      |          | tension bands                                     |            | ļ  |    |                    |                  |   |  |
|       |      |          |   |            |  |    |                    |                  |   |  |
|       |      |          | Feldspar 65% Muscovite 3%                         |            |  |    |                    |                  |   |  |
|       |      |          | Qtz. 32%  | 0 0        |  |    |                    | <br>ļ            |   |  |
|       |      |          |   |            |  |    |                    |                  |   |  |
| 55.4  | 57.8 |          | Block light grey, coarse-med. crystalline         |            |  |    |                    | <u> </u>         |   |  |
|       |      |          | scattered clusters of tourm.                      |            | İ  |    |                    |                  |   |  |
|       |      |          |   | 1          |  |    |                    |                  |   |  |
|       |      |          | Feldspar 60% Muscovite tr.                        |            |  |    |                    |                  |   |  |
|       |      |          | Qtz. 38% Tourm. 2%(f-mg)                          | 1 1        |  |    |                    |                  |   |  |
| 57.8  | 63.5 |          | Block grey v. coarse-coarse crystalline fractured |            |  |    |                    |                  |   |  |
|       |      |          | in part, traces of tourm.                         |            |  |    |                    |                  | , |  |
|       |      |          | Feldspar 57% Muscovite 18%                        |            |  |    |                    |                  |   |  |
|       |      | -        | Qtz 25% Tourm tr.                                 | tr         |  |    | ·                  |                  |   |  |
| 62.5  | 70.6 |          | Plack grow mad converted live continue            |            | ·  |    |                    |                  |   |  |
| 03.5  | /U_0 |          | Block grey, medcoarse crystalline, scattered      |            | <del>                                     </del> |    |                    | <br><del> </del> |   |  |
|       |      |          | Fe staining, some manganese staining.             |            | <del> </del>                                     |    |                    | <del> </del>     |   |  |
|       |      |          | Feldspar 60% Muscovite 12%                        | L          |  |    | L                  | <br><u></u>      |   |  |

Qtz.

28%

0

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| PROPERTY_                                     | HELLROARING CREEK |  |
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| , ,,,,, <b>,</b> ,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                   |  |

HOLE No. DDH 86-10

|         | DIP TEST |           |  |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         |          |           |  |  |  |  |  |  |
|         | 1        |           |  |  |  |  |  |  |

| Hole No. 86-10 | Sheet No9 |
|----------------|-----------|
| Section        |           |
| Date Begun     |           |
| Date Finished  |           |
| Date Logged    |           |

| Lat     |  |
|---------|--|
| Dep     |  |
| Bearing |  |

Elev. Collar\_\_\_\_

| Total Depth |  |
|-------------|--|
| Logged By   |  |
| Claim       |  |
| Core Size   |  |

| FROM                                   | PTH<br>TO | RECOVERY |                               | DESCRIPT                              | rion           |         | SAMPLE No. | FROM                                    | то       | WIDTH<br>OF SAMPLE |   |         |   |  |
|--|-----------|----------|-------------------------------|---------------------------------------|----------------|---------|------------|---|----------|--------------------|---|---------|---|--|
| 70.6                                   | 71.0      |          | Block grey, grey              | brown, son                            | ne Fe staining |         |            |   |          |                    |   |         |   |  |
| ·                                      |           |          | scattered cluster             |                                       |                |         |            |   |          |                    |   |         |   |  |
|  |           |          |                               |                                       |                |         |            |   |          |                    |   |         |   |  |
|  |           |          | Feldspar                      | 53%                                   | Muscovite      | 3%      |            |   |          |                    |   |         |   |  |
|  |           |          | Qtz.                          | 42%                                   | Tourm.         | 2%      | 1          | ļ                                       |          |                    |   |         |   |  |
| 77. 6                                  | 70 7      |          |                               |                                       |                |         |            |   |          |                    |   |         | / |  |
| 71.0                                   | 72.7      |          | Block grey - dark crystalline |                                       | coarse-coarse  |         |            |   |          |                    |   |         |   |  |
|  |           |          | -                             |                                       |                |         |            |   |          |                    |   |         |   |  |
|  |           |          | Feldspar                      | 55%                                   | Muscovite      | 10%     | <u> </u>   | <u> </u>                                |          |                    |   |         |   |  |
|  |           |          | -Qtz.                         | 35%                                   |                |         | 0 0        |   |          |                    |   |         |   |  |
| 72.7                                   | 75.3      |          | Block grey medc               |                                       | stalline disse | minated |            |   |          |                    |   |         | / |  |
|  |           |          |                               |                                       |                |         |            |   |          |                    |   |         |   |  |
|  |           |          | Feldspar                      | 60%                                   | Muscovite      | 3%      |            | <u> </u>                                | <u> </u> |                    |   |         | , |  |
|  |           |          | Qtz.                          | 30%                                   | Tourm.         | 2%      | 2          | ļ                                       |          |                    |   |         |   |  |
|  |           |          |                               | · · · · · · · · · · · · · · · · · · · |                |         |            |   |          |                    |   |         |   |  |
| 75.3                                   | 78.6      |          | Block grey - grey             | brown, so                             | ome Fe stainin | g       |            |   | ļ        |                    |   |         |   |  |
|  |           |          | micaceous, occasi             | onal trace                            | es of garnet.  |         |            |   |          |                    |   |         |   |  |
|  |           |          | Feldspar                      | 50%                                   | Muscovite      | 20%     |            |   |          |                    |   |         |   |  |
| لـــــــــــــــــــــــــــــــــــــ | L         | ·····    | 0+7                           | 30%                                   | Tourm tr       |         | tr         | *************************************** |          |                    | · | <b></b> |   |  |

Qtz.

30%

Tourm. tr.

tr.

| PROPERTY. | HELLROARING | CREEK |
|-----------|-------------|-------|
|           |             |       |

|         | DIP TEST |           |  |  |  |
|---------|----------|-----------|--|--|--|
|         | Angle    |           |  |  |  |
| Footage | Reading  | Corrected |  |  |  |
|         |          |           |  |  |  |
|         | ļ        |           |  |  |  |
|         |          |           |  |  |  |
|         |          |           |  |  |  |
|         |          |           |  |  |  |

| Hole No. 86-10 Sheet No. 10  | Lat          | Total Depth Current 84.7m |
|------------------------------|--------------|---------------------------|
| Section                      |              | Logged By                 |
| Date Begun                   | Bearing      | Claim                     |
| Date Finished Sept. 16, 1986 | Elev. Collar | Core Size 3.5 cm          |
| Date Logged                  |              |                           |

| DE   | TH   | RECOVERY | DES                      | CRIPTION                   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |   |  |
|------|------|----------|--------------------------|----------------------------|------------|------|----|--------------------|---|---|--|
| 78.6 | 87.4 |          | Block grey - light grey  | coarse-v. coarse           |            |      |    |                    |   |   |  |
|      |      |          | crystalline micaceous i  | part, traces of            |            |      |    |                    |   |   |  |
|      |      |          | crystalline tourm.       |                            |            |      |    |                    |   |   |  |
|      |      |          | Feldspar 55%             | Muscovite 12%              |            |      |    |                    |   |   |  |
|      |      |          | Qtz. 32%                 | Tourm. tr1%                | tr. tr.    |      |    |                    |   |   |  |
| 87.4 | 89.5 |          | Block white - v. light   |                            |            |      |    |                    |   |   |  |
|      |      |          | tourm. contaminated, sca |                            |            |      |    |                    |   |   |  |
|      |      |          | Feldspar 55%             | Muscovite 5%               |            |      |    |                    |   |   |  |
|      |      |          | Qtz. 37%                 | Tourm. 3%                  | 3 tr.      |      |    |                    |   |   |  |
| 89.5 | 90.8 |          | Block whitev light gre   | ey coarse-med. crystalline |            |      |    |                    |   | / |  |
|      |      | -        | Feldspar 50%             | Muscovite 20%              |            |      |    |                    |   |   |  |
|      |      |          | Qtz. 30%                 |                            | 0 0        |      |    |                    | ļ |   |  |
|      |      |          |                          |                            |            |      |    |                    |   |   |  |
|      |      |          |                          |                            |            |      |    |                    |   |   |  |

| PROPERTY_ | HELLROARING | CREEK         |  |
|-----------|-------------|---------------|--|
| PRUPERII_ | HELLRUARING | <u>LDLLIX</u> |  |

|         | DIP TEST     |           |                      |
|---------|--------------|-----------|----------------------|
|         | An           | gle       | 24.72                |
| Footage | Reading      | Corrected | Hole No. 86-10 Sheet |
|         |              |           | Section              |
|         | <del> </del> |           | Date Begun           |
|         |              |           | •                    |
|         |              |           | Date Finished        |
| L       | L            |           | Date Logged          |

| ot No. 11 | Lot.         | Total Depth |
|-----------|--------------|-------------|
|           | Dep          | Logged By   |
|           | Bearing      | Claim       |
|           | Elev. Collar | Core Size   |

| DEF<br>FROM | TO TO | RECOVERY | DE  | SCRIPTION                | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |   |          |       |  |
|-------------|-------|----------|---|--------------------------|------------|----------|----|--------------------|---|----------|-------|--|
| 90.8        | 95.0  |          | Block to equigranular w   | hitev. light grey        |            |          |    |                    |   |          |       |  |
|             |       |          | coarse-med. crystalline   | with disseminated tourm. |            |          |    |                    |   |          |       |  |
| <u></u>     |       |          | throughout; bands of ap   | litic granite            |            |          |    |                    |   |          |       |  |
|             |       |          |   |                          |            |          |    |                    | - • • • • • • • • • • • • • • • • • • • |          |       |  |
|             |       |          | Feldspar 52%  | Muscovite 12%            |            |          |    |                    |   |          |       |  |
|             |       |          | Qtz. 30%  | Tourm. 6%                | 4 2        |          | ļ  |                    |   |          |       |  |
|             |       |          |   |                          |            |          |    |                    |   |          |       |  |
|             |       |          | <u> </u>  |                          |            | ļ        |    |                    |   |          |       |  |
|             |       |          |   |                          |            | <u> </u> |    |                    |   |          |       |  |
|             |       |          | North Control of the |                          |            |          |    |                    |   |          |       |  |
|             |       |          |   |                          |            |          |    |                    |   | <u> </u> |       |  |
|             |       |          |   |                          |            |          |    |                    |   |          |       |  |
|             |       |          |   |                          |            |          | ļ  |                    |   |          |       |  |
|             |       |          |   |                          |            |          | ļ  |                    |   |          |       |  |
|             |       |          |   |                          |            | -        |    |                    |   |          |       |  |
|             |       | _        |   |                          |            |          | ļ  |                    |   |          |       |  |
|             |       |          |   |                          |            | ļ        |    |                    |   |          | ,<br> |  |
|             |       |          |   |                          |            |          |    |                    |   |          |       |  |
|             |       |          |   |                          |            |          |    |                    |   |          |       |  |
|             |       |          |   |                          | <u> </u>   |          |    |                    |   |          |       |  |
|             |       |          | •   |                          |            |          |    |                    |   |          |       |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|----------|-------------|-------|

HOLE No. DDH 86-10

|         | DIP TEST      |  |  |  |
|---------|---------------|--|--|--|
|         | Angle         |  |  |  |
| Footage | Reading Corre |  |  |  |
|         |               |  |  |  |
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|         | <del> </del>  |  |  |  |
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|         | 1             |  |  |  |

| Hale No. 86-10 Sheet No. 12 | Lat          | Total Depth 114.9m     |
|-----------------------------|--------------|------------------------|
|                             | Dep          | Logged By D.H., S.M.P. |
| Section                     | •            | •••                    |
| Date Begun                  | Bearing      | Core Size # CM BQ      |
| Date Finished               | Elev. Collar | Core Size # 6UN BU     |
| Date Logged                 |              |                        |

| DE   | PTH  | RECOVERY | DESCRIPTION                                       | SAMPLE No.  | FROM  | то | WIDTH     |  |          |
|------|------|----------|---|-------------|-------|----|-----------|--|----------|
|      |      |          |   | 32mi 22 ita | T KOM |    | OF SAMPLE |  |          |
| 95.0 | 95.9 |          | Aplite v. light grey fmed. crystalline            |             | ļ     |    |           |  |          |
| ļ    |      |          | disseminated tourm. throughout                    | 5           | ļ     |    |           |  | <br>     |
|      |      |          |   |             |       |    |           |  |          |
| 95.9 | 96.2 | 1        | Block v. light grey some brown Fe staining        |             |       |    |           |  |          |
|      |      |          | medcoarse crystalline, some manganese staining    |             |       |    |           |  |          |
|      |      |          | Feldspar 62% Muscovite 8%                         |             |       |    |           |  |          |
|      |      |          | Qtz. 30%  | 0 0         |       |    |           |  |          |
|      |      |          |   |             | ļ     |    |           |  |          |
| 96.2 | 96.6 | ?        | Fault zone Fe stained pegmatite rubble            |             |       |    |           |  |          |
| 96.6 | 98.4 |          | Block grey-green coarse-med. crystalline          |             |       |    |           |  |          |
|      |      |          | microcline feldspar occasional clusters of tourm. |             |       |    |           |  |          |
|      |      |          | crystals, some disseminated tourm.                |             |       |    |           |  |          |
|      |      |          | Feldspar 68% Muscovite 4%                         |             |       |    |           |  |          |
|      |      |          | Otz. 25% Tourm. 3%                                | 2 1         |       |    |           |  |          |
|      |      |          |   |             | ļ     |    |           |  |          |
| 98.4 | 98.5 |          | Block light grey v. coarse crystalline, micaceous |             |       |    |           |  |          |
|      |      |          | quartz-muscovite                                  |             | ļ     |    |           |  | <u> </u> |
|      |      |          | Feldspar 5% Muscovite 35%                         |             | L     |    |           |  |          |
|      |      |          | 04-   | 0           |       |    |           |  |          |

Qtz.

60%

0

0

# DIAMOND TILL RECORD

| PROPERTY | HELLROARING CREEK  |
|----------|--|
|          | THE CONTRACTOR OF THE CONTRACT |

HOLE N. DDH 86-10

|         | DIP TEST |           |  |  |
|---------|----------|-----------|--|--|
|         | j An     | gle       |  |  |
| Footage | Reading  | Corrected |  |  |
|         |          |           |  |  |
|         |          |           |  |  |
|         |          |           |  |  |
|         |          |           |  |  |
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|         | 1        | <u> </u>  |  |  |

| Hole No. 86-10 Sheet No. 13 | Lat          | Total Depth          |
|-----------------------------|--------------|----------------------|
| Section                     | Dep          | Logged By            |
| Date Begun                  | Bearing      | Claim                |
| Date Finished               | Elev. Collar | Core Size 3.5cm B.Q. |
| Date Logged                 |              |                      |
| DOIS FORDER                 | •            |                      |

| FROM   | PTH<br>TO | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |       |          |
|--------|-----------|----------|---|------------|----------|----|--------------------|-------|----------|
| 98.5   | 99.93     |          | Block white - light green, green, feldspar        |            |          |    |                    |       |          |
|        |           |          | 70% quartz 20%, muscovite 10%, garnet pink f. gr. |            |          |    |                    |       |          |
|        |           |          | 1%, tourm. tr., traces of disseminated pyrite,    |            |          |    |                    |       |          |
|        |           |          | bottom 16 cm Fe and manganese stained             |            |          |    |                    |       |          |
| 99 93  | 100.3     |          | Fault, shear zone, friable muscovite rich         |            |          |    |                    |       |          |
|        |           |          | slickensides with some Fe staining                |            |          |    |                    |       |          |
|        |           |          | Feldspar 10% Muscovite 50%                        |            |          |    |                    |       |          |
|        |           |          | Qtz. 40%  | 0 0        |          |    |                    |       |          |
|        |           |          |   |            | <u> </u> |    |                    |       |          |
| 100.3  | 101.2     | 6        | Equigranular coarse crystalline grey, grey brown  |            | -        | ļ  |                    |       | <b> </b> |
|        |           |          | muscovite green 50%, feldspar 30%, quartz 20%     |            | ļ        |    |                    |       |          |
|        |           |          | garnet pink f. gr. 1%, tourm. f. gr. 1%, trace    | ] 0        | ļ        | ļ  | ļ                  |       |          |
|        |           |          | green sub-round mineral apetite iron-manganese    |            |          |    |                    | <br>ļ |          |
|        |           | -        | alteration  |            |          |    |                    |       |          |
| 101.26 | 105.8     |          | Interbanded grey aplite & v. coarse crystalline   |            |          |    |                    |       |          |
|        |           |          | equigranular aplitic zone @105.4 m                |            |          |    |                    |       |          |
|        |           |          | Feldspar 45% Muscovite 5%                         |            |          |    |                    |       |          |
|        |           |          | Qtz. 45-50% Tourm. 3%                             | 2 1        |          |    |                    |       |          |

Garnet

# DIAMOND TILL RECORD

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|----------|-------------------|

Date Logged\_\_\_

|                 | DIP TEST          |  |  |  |  |
|-----------------|-------------------|--|--|--|--|
|                 | Angle             |  |  |  |  |
| Footag <b>e</b> | Reading Corrected |  |  |  |  |
|                 | ļ                 |  |  |  |  |
|                 |                   |  |  |  |  |
|                 |                   |  |  |  |  |
|                 | <b></b>           |  |  |  |  |
|                 | 1                 |  |  |  |  |

| Hole No. 86-10 Sheet No. 14 | Lat          | Total Depth      |
|-----------------------------|--------------|------------------|
| Section                     | Dep          | Logged By        |
| Date Begun                  | Bearing      | Claim            |
| Date Finished               | Elev. Collar | Core Size 3.5 CM |

| DE!    | TO     | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |      | - |
|--------|--------|----------|---|------------|------|----|--------------------|------|---|
| 101.2  | 105.3  | cont     | Coarse crystalline zones comprised of feldspar    |            |      |    |                    | ,    |   |
|        |        |          | 50-55%, quartz 30-35%, muscovite 10%, Tourm.      |            |      |    |                    |      |   |
|        | ·      |          | tr. pyrite -tr., garnet pink f. gr. 1%, minor     | tr.        |      |    |                    |      |   |
|        |        |          | Fe staining                                       |            |      |    |                    |      |   |
| 105.3  | 107.25 |          | Equigranular grey - buff v. coarse crystalline    |            |      |    |                    |      |   |
|        |        |          | Feldspar 55-60% Muscovite 3%                      |            |      |    |                    |      |   |
|        |        |          | Qtz. 30% Tourm. 7%                                | 4 3        |      |    |                    |      |   |
|        |        |          | (F. med. crystals)                                |            | ļ    | -  |                    |      |   |
| 107.25 | 1112.9 |          | Aplite and equigranular interbanded greenish      |            |      |    |                    |      |   |
|        |        |          | grey fcoarse crystalline; aplite feldspar 55-60%, |            |      |    |                    |      |   |
|        |        |          | quartz 30%, garnet pink f. gr. up to 5%; tourm f. |            |      |    |                    |      |   |
|        |        |          | med. crystalline 4-5%, equigranular 65-70%        | 3 1        |      |    |                    |      |   |
|        |        |          | muscovite 5%, quartz 25%, traces of garnet and    |            |      |    |                    |      |   |
|        |        |          | pyrite, .35m muscovite rich med. gr. quartz 60%,  |            |      |    | ·                  |      |   |
|        |        |          | muscovite 30-35%; feldspar 10%, traces of garnet  |            |      |    |                    |      |   |
|        |        |          | (Interval: 109.10m-109.45m)                       |            |      |    |                    |      |   |
|        |        |          |   |            |      |    |                    | <br> |   |
|        |        |          |   |            |      |    |                    |      |   |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST                |  |  |  |  |
|---------|-------------------------|--|--|--|--|
|         | Angle Reading Corrected |  |  |  |  |
| Footage |                         |  |  |  |  |
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| Hole No. 86-10 Sheet No.   | 15 Lat           | Total Depth (37:7) 114 9m |
|----------------------------|------------------|---------------------------|
| Section                    | Dep              | Logged By                 |
| Date Begun                 | Bearing          | Claim                     |
| Date Finished Sept. 22, 19 | 986 Elev. Collar | Core Size_BQ              |
| Date Logged Sept. 21-23    | /86              |                           |

| DE!    | TO TO  | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |   |  |
|--------|--------|----------|--|------------|------|----|--------------------|--|---|--|
| 8.00   | 110,58 |          | Med. gr. equigranular; greenish grey                         |            |      |    |                    |  |   |  |
|        |        |          |  |            |      |    |                    |  |   |  |
|        |        |          | Feldspar 65% Musc. (green) 5%                                |            |      |    |                    |  |   |  |
|        |        |          | Qtz. 25-30% Tourm. (f.gr.) up to 1%                          | 1          |      |    |                    |  |   |  |
|        |        |          | Garnets (f. gr. pink) up to 1%                               | ` .        |      |    |                    |  |   |  |
|        |        |          | Tr. dissem, pyrite   |            |      |    |                    |  |   |  |
| 112.91 | 114.9  |          | Aldridge: med. grey to brownish grey CTC @25 <sup>0</sup> to |            |      |    |                    |  |   |  |
|        |        |          | core axis - sharp CTC f.q. 0.5 cm band of tourm.             |            |      |    |                    |  |   |  |
|        |        |          | rich rock at CTC (80% Tourm.; 10% Musc.: 5%                  |            |      |    |                    |  |   |  |
|        |        |          | Qtz., 5% Feldspar)   |            |      |    |                    |  |   |  |
|        |        |          | -fol- defined by mica rich bands average= 500 to             |            |      |    |                    |  |   |  |
|        |        |          | core axis.   |            |      |    |                    |  |   |  |
|        |        | •        | Unit is f. gr med. gr.                                       |            |      |    |                    |  | • |  |
|        |        |          | Biotite 15-20% Muscovite 15-10%                              |            |      |    |                    |  |   |  |
|        |        |          | Qtz. 70%   |            |      |    |                    |  |   |  |
|        |        |          | Tr. pyrite   |            |      |    |                    |  |   |  |
|        |        |          | E.O.H. 114.9m  |            |      |    |                    |  |   |  |
|        |        |          |  |            |      |    |                    |  |   |  |
|        |        |          |  |            |      |    |                    |  |   |  |

| PROPERTY    | HELLROARING | CREEK |
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| 11101 611 1 |             |       |

HOLE No. DDH 86-11

| DIP TEST |          |           |  |  |  |  |  |  |
|----------|----------|-----------|--|--|--|--|--|--|
|          | Angle    |           |  |  |  |  |  |  |
| Footage  | Reading  | Corrected |  |  |  |  |  |  |
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|          | l        |           |  |  |  |  |  |  |

Hole No.DDH 86-11 Sheet No. 1
Section 1+51N/0+01W' 85 grid
Date Begun Sept. 23, 1986

Date Finished Sept. 24, 1986

 Total Depth 58.84 m

Logged By M.P.

Claim

Core Size BQ

| FROM | PTH<br>TO | RECOVERY | DESCRIPTION                                      | SAMPLE No.      | 1            | то | WIDTH<br>OF SAMPLE |          |              |          |             |
|------|-----------|----------|--|-----------------|--------------|----|--------------------|----------|--------------|----------|-------------|
| 0    | 2.44      | .40m 16% | Block zone: rusty gy., v.c.gr.                   | TOURM % v.ff. n | -с           |    |                    |          |              |          |             |
| 2 44 | 3.75      | 1.31m    | Monomineralic qtz. near top of unit and feldspar |                 |              |    |                    |          |              |          |             |
|      |           | 100%     | Core becomes finer grained & equigranular in     |                 |              |    |                    |          |              |          |             |
|      |           |          | bottom 95cm.                                     |                 |              |    |                    |          |              |          |             |
|      |           |          | Rusty Fe coating common along fractures.         |                 |              |    |                    |          |              |          |             |
|      |           |          |  |                 | ļ            |    |                    |          |              |          |             |
|      |           |          | Buff. Feld. 35-30% Musc. 10-15%                  |                 |              |    |                    |          | ļ            |          |             |
|      |           |          | Qtz. 35-60% Tourm. c.qr.tourm                    | tr.             | ļ            |    |                    |          |              |          |             |
|      |           |          |  |                 |              |    |                    |          |              |          |             |
| 3.75 | 5.50      |          | Aplite zone; Med. grey, f. gr.                   |                 | <u> </u>     |    |                    |          | <del> </del> | <b> </b> |             |
|      |           | 100%     | - tourm. is ubiquitous and forms bands with      |                 | <del> </del> |    |                    | <u> </u> | <u> </u>     |          |             |
|      |           | ·        | associated gr.                                   |                 | <u> </u>     |    |                    |          |              |          |             |
|      |           |          | - v. thin bands of m. gr. equigranular rock      |                 |              |    |                    |          | <u> </u>     | /        |             |
|      |           |          | present within aplite - also hosts tourm.        |                 |              |    |                    |          |              | ,        |             |
|      |           |          | to 1%.   |                 | <u> </u>     |    |                    |          |              |          | <del></del> |
|      |           |          | - minor Fe staining                              |                 |              |    |                    |          |              |          |             |
|      |           |          |  |                 |              |    |                    |          |              |          |             |
|      |           |          | White Feld. 65% Tourm. (f. gr.) 2-3%             | 3               |              |    |                    |          | ļ            |          |             |
|      |           |          | Qtz. 55-60% Garnet (loc. f. gr.                  | pink)           | 1%           |    |                    |          |              |          |             |
| 5.50 | 6.20      | 0.70m    | Poorly developed equigranular: m-c gr., grey;    |                 |              | i  |                    |          |              |          |             |

100% CTC w aplite is 40° to core axis.

| PROPERTY_    | HELLROARING CREEK |  |
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|         | DIP TEST     |           |
|---------|--------------|-----------|
|         | An           | gle       |
| Footage | Reading      | Corrected |
|         | <del> </del> |           |
|         |              |           |
|         | <del>}</del> |           |
|         |              |           |

| Hole No Sheet No 2                        |                   | Total Depth<br>Logged BySMP |
|---|-------------------|-----------------------------|
| Date Begun Sept. 23, 1986                 | Bearing -70°/270° | Claim                       |
| Date Finished  Date Logged Sept. 24, 1986 | Elev. Collar      | Core SizeBQ                 |

| FROM | TO   | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |                  |         |   |
|------|------|----------|---|------------|------|----|--------------------|------------------|---------|---|
| 5.50 | 6.20 | cont.    | - minor Fe and Mn stain on fractures and          |            |      |    |                    |                  |         |   |
|      |      |          | loc. in feld.                                     |            |      |    |                    |                  |         |   |
|      |      |          |   |            |      |    |                    |                  |         |   |
|      |      |          | Feld. (c.gr.) 65% Musc. (m.gr.) up to 10          | %          |      |    |                    |                  |         | _ |
|      |      |          | Qtz. (m.gr.) 25% Tourm. tr.                       |            |      |    |                    | <u> </u>         |         |   |
|      |      |          | (med. gr. near bottom                             | of unit)   |      |    |                    | <br><u> </u>     |         |   |
| 6.20 | 7 68 | 1.48m    | Aplite interbanded with thin units of m. gr. p.d. |            |      |    |                    |                  |         |   |
| 0.20 | 7.00 | 100%     | equigranular rock, med. grey to rusty brown.      |            |      |    |                    |                  | 7       |   |
|      |      |          | - tourm. is disseminated throughout but occurs    |            |      |    |                    |                  |         |   |
|      |      |          | as local concentrations in the form of bands      | ļ          | ļ    |    |                    |                  | J       |   |
|      |      |          | with qtz.   |            |      |    |                    | <br>             |         |   |
|      |      |          | - intense Fe and mn alternation at 6.48m to       |            | ļ    |    |                    | <u> </u>         |         |   |
|      |      |          | 6.90m   |            |      |    |                    | <br>             | /       |   |
|      |      |          | Feld. (m.gr.) 70% Musc. 1%                        |            |      |    |                    |                  |         |   |
|      |      | -        | Qtz. (f-m gr.) 20-15% Tourm. (m-f gr.) 5%         | 4 1        |      |    | ·                  |                  |         |   |
|      |      | :        | Garnet (.gr.pk.) 1-2%                             |            |      |    |                    |                  |         |   |
|      |      |          |   |            |      |    |                    | <br>·            |         |   |
|      |      |          |   |            |      |    |                    | <br><del> </del> | <b></b> |   |
|      |      |          |   |            |      |    |                    | <br><u> </u>     |         |   |

| PROPERTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
|          |             |       |  |

|         | DIP TEST |           |                            |              |             |
|---------|----------|-----------|----------------------------|--------------|-------------|
|         | An       | gle       | 06 11 2                    |              |             |
| Footage | Reading  | Corrected | Hole No. 86-11 Sheet No. 3 | Lot          | Total Depth |
|         |          |           | Section                    | Dep          | Logged By   |
|         |          |           |                            |              | •           |
|         |          |           | Date Begun                 | Bearing      | Claim       |
|         |          |           | Date Finished              | Elev. Collar | Core Size   |
| L       |          | L         | Date Logged                |              |             |

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE | :     |         |         |  |
|-------------|----------|----------|---|------------|------|----|--------------------|-------|---------|---------|--|
| 7.68        | 8.95     | 1.29m    | P. Dev. Equigranular: Predom. m. gr. with thin  |            |      |    |                    |       |         |         |  |
|             |          | 100%     | aplite and thin c. gr. band; med. grey to light |            |      |    |                    |       |         |         |  |
|             |          |          | rust.   |            |      |    |                    |       |         | ,       |  |
|             |          |          | - Fe and minor mn alteration present.           |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          | Feld. (m-c gr.) 55% Musc. (m.gr.) 8%            | <u> </u>   |      |    |                    |       | ļ       |         |  |
|             |          |          | Qtz. (c-f gr.) 25% Tourm. (m-c gr.) ]%          | tr. 1      |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    | :<br> | <b></b> |         |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    |       |         | ′       |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      | ·  |                    |       |         | ,       |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    |       |         | <u></u> |  |
|             |          |          |   |            |      |    |                    |       | ļ       |         |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
|             |          |          |   |            |      |    |                    |       |         |         |  |
| į           |          |          |   |            |      |    |                    |       |         |         |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|----------|-------------|-------|

|         | DIP TEST       |     |
|---------|----------------|-----|
|         | An             | gle |
| Footage | ootage Reading |     |
|         | -              |     |
|         | <del> </del>   |     |
|         |                |     |
|         | ļ <u>.</u>     |     |
|         | L              |     |

| 86-11 4<br>Hole No Sheet No | Lat          | Total Depth |
|-----------------------------|--------------|-------------|
| Section Sept. 23, 1986      |              | Logged By   |
| Date Lagged Sept. 24, 1986  | Elev. Collar | Core Size   |

| DE F  | TO TO | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE | · · · · · · · · · · · · · · · · · · · |          | , |  |
|-------|-------|----------|--|------------|----------|----|--------------------|---------------------------------------|----------|---|--|
| 8.95  | 10.89 | 1.94m    | Aplite interbanded with thin units of m. gr. p.d |            |          |    |                    |                                       |          |   |  |
|       |       |          | equigranular rock = rusty to grey                |            |          |    |                    |                                       |          |   |  |
|       |       |          | - tourm. is ubiquitous                           |            |          |    |                    |                                       |          |   |  |
|       |       |          | - Fe and minor mn stain common                   |            |          |    |                    |                                       |          |   |  |
|       |       |          |  |            |          |    |                    |                                       |          |   |  |
|       |       |          | Feld. 65% Musc. (f.gr.) 2%                       |            |          |    |                    |                                       |          |   |  |
|       |       |          | Qtz. 25% Tourm.(f-m gr.) 8%                      | 5 3        |          |    |                    |                                       |          |   |  |
|       |       |          | Tr. f./gr. diss. py                              |            |          |    |                    |                                       |          |   |  |
|       |       |          |  |            |          |    |                    |                                       |          |   |  |
| 10.89 | 12.5  | 5 1.66m  | Poor dev. equigranular: m.gr.; med. grey w.      |            |          |    |                    |                                       |          |   |  |
|       |       |          | rusty and buff col. zones                        |            |          |    |                    |                                       | <u> </u> |   |  |
|       |       |          | - Fe staining common                             |            |          |    |                    |                                       |          | ļ |  |
|       |       |          |  |            |          |    |                    |                                       |          |   |  |
|       |       |          | Feld.(grey & buff) 85% Musc. (f.gr.green) 5%     |            |          |    |                    |                                       | <u> </u> | , |  |
|       |       |          | Qtz. 8-10% Tourm. up to 1%                       | 1          |          |    | <u> </u>           |                                       |          |   |  |
|       |       |          | Garnet (loc.) less than 0.5%                     |            | <u> </u> |    |                    |                                       |          |   |  |
|       |       |          | 0.5% f.gr. diss. py                              |            |          |    |                    |                                       | <u> </u> |   |  |
|       |       |          |  |            |          |    |                    |                                       |          |   |  |
| 12.55 | 15.2  | 5 2.7m   | Aplite:f.gr.; dk. grey due to tourm. content     |            |          |    |                    |                                       | · .      |   |  |
|       |       | 100%     | Feld. 65% Musc. (f.gr.) 32)                      |            |          |    |                    |                                       |          |   |  |
|       | ł     |          | Qtz. 20-25% Tourm.(f.gr.) up to 1                | 0% 10      |          |    |                    |                                       |          |   |  |

| PROPERTY | HELLROARING | CREEK |
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| DIP TEST     |           |  |  |
|--------------|-----------|--|--|
| Angle        |           |  |  |
| Reading      | Corrected |  |  |
|              |           |  |  |
| <u> </u>     |           |  |  |
|              |           |  |  |
| <del> </del> |           |  |  |
| <del> </del> |           |  |  |
|              |           |  |  |

| Hole No. 86-11 Sheet No. 5 | Lat          | Total Depth   |
|----------------------------|--------------|---------------|
|                            | Dep          | Logged By SMP |
| Date Begun Sept. 23, 1986  | Bearing      | Claim         |
| Date Finished              | Elev. Collar | Core Size     |
| Date Logged Sept. 24, 1986 |              |               |

| FROM    | TO    | RECOVERY | DESCRIPTION                                      | SAMPLE No.                             | FROM | то | WIDTH<br>OF SAMPLE |             |     |  |
|---------|-------|----------|--|--|------|----|--------------------|-------------|-----|--|
| 12.55   | 15.25 | cont.    | - negligible Fe staining.                        |  |      |    |                    |             |     |  |
| <u></u> |       |          |  |  |      |    |                    |             |     |  |
| 15.25   | 16.24 | 0.99m    | Block to poorly developed graphic granite        |  |      |    |                    |             |     |  |
|         |       |          | m-c.; whitish grey                               | ·                                      |      |    |                    |             |     |  |
|         |       |          | - Tr.v.f. gr. apple green mineral (autuhite?)    |  |      |    |                    |             |     |  |
|         |       |          | - Fe and mn. staing common locally               | ·                                      |      |    |                    |             |     |  |
|         |       |          |  |  |      |    |                    |             |     |  |
|         |       |          | Feld. 75-80% Musc. (f-m. gr.) 1-29               | ,<br>2                                 |      |    |                    |             |     |  |
|         |       |          | Qtz. 20% Tourm. (c.gr. loc) 19                   | ]                                      | ļ    |    |                    | <br>        |     |  |
|         |       |          |  |  |      |    |                    |             |     |  |
| Ī6.24   | 16.8  | ľ        | Poorly dev. equigranular: m. gr.; rust-med. grey |  |      |    |                    |             |     |  |
|         |       | 100%     | - Fe staining common throughout                  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |      |    |                    |             |     |  |
|         |       |          | Feld. 55-60% Musc. 2%                            |  |      |    |                    |             | , , |  |
|         |       |          | Qtz. 30% Tourm.(m.gr.) 2-3%                      | 3                                      |      |    |                    |             |     |  |
|         |       |          | Garnet tr.                                       |  |      |    |                    |             |     |  |
|         |       | -        |  |  |      |    |                    |             |     |  |
| 16.8    | 17.54 | 0.74m    | Aplite to poorly dev. equigranular; f-m.gr.      |  |      |    |                    |             |     |  |
|         |       | 100%     | rusty grey;                                      |  |      |    |                    |             |     |  |
|         |       |          | Fe and mn stain common, esp. along fracture      |  |      |    |                    |             |     |  |
|         |       |          |  |  |      |    |                    |             |     |  |
|         | ·     | A        |  | L                                      | L    | L  | L                  | <br><u></u> |     |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
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|         | DIP TEST          |                            |              |             |
|---------|-------------------|----------------------------|--------------|-------------|
|         | Angle             | 26_11 6                    |              |             |
| Footage | Reading Corrected | Hole No. 86-11 Sheet No. 6 | Lot          | Total Depth |
|         |                   | Section                    | Dep          | Logged By   |
|         |                   | Date Begun                 | Bearing      | Claim       |
|         |                   | Date Finished              | Elev. Collar | Core Size_  |
| L       | <u> </u>          | Date Logged                |              |             |

| DEF  | TH   | RECOVERY | Cont. DESCRIPTION                        | SAM   | PLE No. | FROM | то | WIDTH<br>OF SAMPLE |          |       |  |
|------|------|----------|--|-------|---------|------|----|--------------------|----------|-------|--|
| 16.8 |      |          | Feld. (10% green soft) 65-70% Musc. 1-2% |       |         |      |    | UF SAMPLE          |          |       |  |
| 10.0 | 17.5 |          |  | 70/ 7 |         |      |    |                    |          |       |  |
|      |      |          | Qtz. 25-30% Tourm.(f.gr.)                | 1%    |         |      |    |                    |          | <br>  |  |
|      |      |          | Py. diss. tr05%                          |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    | <u> </u> | <br>/ |  |
|      |      | :        |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          | <br>, |  |
|      |      |          |  |       |         |      | ļ  |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          | <br>  |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          | <br>  |  |
|      |      |          |  |       |         |      |    | _                  |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    |          |       |  |
|      |      |          |  |       |         |      |    |                    | L        | <br>  |  |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|----------|-------------|-------|

HOLE No. DDH 86-11

|         | DIP TEST     |                                       |  |
|---------|--------------|---------------------------------------|--|
| Angle   |              |                                       |  |
| Footage | Reading      | Corrected                             |  |
|         | ļ            |                                       |  |
|         | <del> </del> | · · · · · · · · · · · · · · · · · · · |  |
|         |              | · · · · · · · · · · · · · · · · · · · |  |
|         |              |                                       |  |
|         |              | I                                     |  |

| Hole No        | 11s   | heet N | Je7  |
|----------------|-------|--------|------|
|                |       |        |      |
| Section        | Sont  | 23     | 1086 |
| Date Begun     | sept. | 23,    | 1300 |
| Date Finished_ | Sept. | 24.    | 1986 |
| Date Logged    | Sept. | 24,    | 1986 |
| DAIL FARRED    |       |        |      |

| Lat.         | Total Depth |    |
|--------------|-------------|----|
| LVI.         | Logged By   |    |
| Dep          | Logged By   |    |
| Bearing      | Claim       |    |
| Elev. Collar | Core Size   | B( |

| Total Depth |    |  |
|-------------|----|--|
| Logged By   |    |  |
| Claim       |    |  |
| Core Size   | BQ |  |

| DEF   | TO    | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM         | то         | WIDTH<br>OF SAMPLE |          |              |          |  |
|-------|-------|----------|--|------------|--------------|------------|--------------------|----------|--------------|----------|--|
| 17.54 | T8.77 | 1.23m    | Poorly dev. equigranular; m-c gr.; med.        |            |              |            |                    |          |              |          |  |
|       |       |          | grey to greenish grey                          |            |              |            |                    |          |              |          |  |
|       |       |          | - minor Fe staining locally                    |            |              |            |                    |          |              |          |  |
|       |       |          |  |            |              |            |                    |          |              |          |  |
|       |       |          | Feld. (greenish-buff) 50% Musc. 4-5%           |            |              | ļ <u>.</u> |                    |          | ļ            |          |  |
|       |       |          | Qtz. 40% Tourm. 2-3%                           | 1 2        |              | <b> </b>   |                    |          | ļ            |          |  |
|       |       |          | Py. (diss.) 0.5% Gt. (diss. pk) 1%             |            |              | ļ          |                    | ļ        |              |          |  |
|       |       |          | Pt. (diss.) 1% (appears to be replacing py)    |            |              |            |                    |          | ļ            |          |  |
|       |       |          |  |            | ļ            |            |                    | <u> </u> |              | ,        |  |
| 18.77 | 20.78 | 2.01     | Aplite: f.gr.; med. grey to rusty grey in last |            | ļ            |            |                    |          |              |          |  |
|       |       |          | 40 cm.   |            |              |            |                    |          | <u> </u>     |          |  |
|       |       |          | - green alteration of feld. common             |            |              |            |                    |          | <u> </u>     |          |  |
|       |       |          | - intense Fe and mn stain in bottom 40cm       |            | <del> </del> | <u> </u>   |                    |          | ļ            | <u> </u> |  |
|       |       |          |  |            | ļ            | ļ          |                    |          | ļ            | /        |  |
|       |       |          | Feld. 70-75% Musc. less than 1%                |            | <u> </u>     | ļ          |                    | <b> </b> | <del> </del> | <b></b>  |  |
|       |       |          | Qtz. 20% Tourm. (vf.g., feathe                 | ry)        | ļ            | ļ          |                    |          | ļ            |          |  |
|       |       | -        | Py. (along frac.) tr-0.5% up to 5%             | 5          | ļ            |            |                    |          | ļ            |          |  |
|       |       |          |  |            | ļ            | ļ          |                    |          | <b></b>      |          |  |
| 20.78 | 21.63 |          | Poorly dev. equigranular to block zone.        |            | <u> </u>     |            |                    | ļ        |              | ļ        |  |
|       |       |          | m-c gr.; rusty buff to grey                    |            | <u> </u>     |            |                    |          |              |          |  |
|       |       |          | Feld. 55% Musc. 3-2%                           |            |              |            |                    |          |              |          |  |

Qtz. 35-40% Tourm. (c.gr.) 1%

| PROPERTY HELEKOAKING CKEEK | PROPERTY | HELLROARING CREE | :K |
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HOLE No. DDH 86-11

| DIP TEST |              |          |  |  |  |  |  |
|----------|--------------|----------|--|--|--|--|--|
|          | Angle        |          |  |  |  |  |  |
| Footage  | Reading      | Correcte |  |  |  |  |  |
|          | <u> </u>     |          |  |  |  |  |  |
|          | <del> </del> |          |  |  |  |  |  |
|          | <u> </u>     |          |  |  |  |  |  |
|          |              |          |  |  |  |  |  |
|          |              |          |  |  |  |  |  |

| Hole No86-7   | ]Sh   | eet Ne | 8    |
|---------------|-------|--------|------|
| Section       |       |        |      |
| Date Begun    | Sept. | 23,    | 1986 |
| Date Finished | Sept. | 24,    | 1986 |
| Date Logged   | Sept. | 25,    | 1986 |

| Lat         | Total Depth 58.84 m |
|-------------|---------------------|
| Dep         | Logged By D.H.      |
| Bearing     | Claim               |
| Fley Collar | Core Size BQ        |

| FROM  | TO   | RECOVERY | DESCRIPTION                                     | SAMPLE N | FRON | то       | WIDTH<br>OF SAMPLE |  |   |          |
|-------|------|----------|---|----------|------|----------|--------------------|--|---|----------|
| 21.63 | 23.2 |          | Equigranular, lt.gry. some Fe staining          |          |      |          |                    |  |   |          |
|       |      |          | throughout with medium-fine crystalline tourm., |          |      |          |                    |  |   |          |
|       |      |          | crystalling throughout                          |          |      |          |                    |  |   |          |
|       |      |          |   |          |      | <u> </u> |                    |  |   |          |
| L     |      |          | Feldspar 60% Musc. tr.                          |          |      | <u> </u> |                    |  |   |          |
|       |      |          | Qtz. 32% Tourm. 3%                              | 1 2      |      |          |                    |  |   | <u> </u> |
| 23.2  | 26.8 | }        | Aplite grading up to block fcoarse              |          |      |          |                    |  |   |          |
|       |      |          | crystalline heavily contaminated with           |          |      |          |                    |  |   |          |
|       |      |          | disseminated and med. crystalline tourm.        |          |      |          |                    |  |   |          |
|       |      |          | Fe staining on fracture faces 25.4-26           |          |      |          |                    |  |   |          |
|       |      |          | Feldspar 55% Musc. 7%                           | f. med   |      |          |                    |  |   |          |
|       |      |          | Qtz. 30% Tourm. 8%                              | 3 5      |      |          |                    |  | , |          |
| 26.8  | 30.5 | <b>,</b> | Equigranular to block coarse-med. crystalline   |          |      |          |                    |  |   |          |
|       |      |          | lt. gygy. with med. crystalline tourm.          |          |      |          | ,                  |  |   |          |
|       |      |          | throughout some disseminated f. crystalline     |          |      |          |                    |  |   |          |
|       |      |          | tourm.  |          |      |          |                    |  |   |          |
|       |      |          | Feldspar 65% Musc. 4%                           | f. med   |      | <u> </u> |                    |  | 1 |          |

Qtz.

25%

Tourm. 6%

>

| PROPERTY    | HELLROARING CREEK |
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|         | DIP TEST     |           |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|
|         | Angle        |           |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |
|         | <del> </del> |           |  |  |  |  |  |  |  |
|         | ·            |           |  |  |  |  |  |  |  |
|         | <u> </u>     |           |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |

| Hole No. 86-11 Sheet No. 9 |              | Total Depth |
|----------------------------|--------------|-------------|
| Section  Date Begun        |              | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                | ·            |             |

| DEP<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                     | SAMPLE No | FROM         | то | WIDTH<br>OF SAMPLE |          |          |              |              |
|-------------|----------|----------|---|-----------|--------------|----|--------------------|----------|----------|--------------|--------------|
| 30.5        | 33.2     | }        | Equigranular lt. gygy. coarse-med.              |           |              |    |                    |          |          |              |              |
|             |          |          | crystalline, med. crystalline tourm. throughout |           |              |    |                    |          |          |              |              |
|             |          |          | light Fe staining throughout                    |           |              |    |                    |          |          |              |              |
|             |          |          |   |           | ļ            |    |                    |          | <u> </u> |              |              |
|             |          |          | Feldspar 60% Musc. 2%                           | f. med    | <u> </u>     | ļ  | ļ                  |          | <u> </u> | <u> </u>     | <u></u>      |
|             |          |          | Qtz. 31% Tourm. 7%                              | 2 5       |              | ļ  |                    |          | <u> </u> |              |              |
| 33.2        | 36.      | }        | Block lt. gy., gy. brn. some strong Fe staining |           |              |    |                    |          |          |              |              |
|             |          |          | scattered med. crystalline tourm., band of      |           |              |    |                    |          |          |              |              |
|             |          |          | garnet  |           | <u> </u>     | ļ  |                    |          | ļ        | <u> </u>     |              |
|             |          |          |   |           | <del> </del> | ļ  |                    |          | <u> </u> | <del> </del> | <u> </u>     |
| <b></b>     |          |          | Feldspar 65% Musc. 3%                           |           | <del> </del> | ļ  |                    |          | ļ        | <u> </u>     | ļ            |
| <b> </b>    |          |          | Qtz. 27% Tourm. 5%                              | <u> </u>  | ļ            | ļ  |                    |          | <b></b>  | <u> </u>     | <del> </del> |
|             |          | •        | Garnet tr.                                      |           |              | -  |                    |          | <u> </u> |              |              |
| 36.2        | 40.      | 2        | Equigranular gylt. gy. medf. crystalline        |           |              |    |                    |          |          |              |              |
|             |          | -        | medf. crystalline tourm. throughout             |           |              |    | ·                  |          |          |              |              |
|             |          |          | Feldspar 60% Musc. 4%                           |           | -            |    |                    |          |          |              |              |
|             |          |          | Qtz. 30% Tourm. 6%                              | 1 5       |              |    |                    |          |          |              |              |
|             |          |          |   |           |              |    |                    | <u> </u> |          |              |              |

| PROPERTY | HELLROARING | CREEK |
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HOLE No. DDH 86-11

Total Depth\_\_\_\_

Claim\_\_\_\_\_

Logged By\_\_\_\_\_

|         | DIP TEST |           |                             |              |
|---------|----------|-----------|-----------------------------|--------------|
|         | An       | gle       | 96_11 10                    |              |
| Footage | Reading  | Corrected | Hole No. 86-11 Sheet No. 10 | Lat          |
|         |          |           | Section                     | Dep          |
|         |          |           | Date Begun                  | Bearing      |
|         |          |           | Date Finished               | Elev. Collar |
|         | J        |           | Date Logged                 |              |

| TH<br>TO | RECOVERY |           |                                       | DESCRIPTION   | 5  | SAMPLE No   | FROM  | то  | WIDTH<br>OF SAMPLE  |  |   |  |                                       |
|----------|----------|-----------|---------------------------------------|---|--|---|---|---|---|--|---|--|---------------------------------------|
| 42       |          | Block gy. | gybrn.                                | bands of Fe staining  |  |   | <u> </u>  |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   | <del> </del>  |   |   |  |   |  |                                       |
|          |          | Feldspar  | 65%                                   | Musc. 5%  |  |   |   |   |   |  |   |  |                                       |
|          |          | Qtz.      | 30%                                   | Tourm. tr.  |  | tr. tr  |   |   |   |  |   |  |                                       |
|          |          |           | · · · · · · · · · · · · · · ·         |   |  |   |   |   |   |  |   |  |                                       |
|          |          |           | ,                                     |   |  |   |   |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   |   |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   |   |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   | <b>+</b>  |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   |   |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   | <del> </del>  |   |   |  |   | /                                      |                                       |
|          |          |           |                                       |   |  |   | <u> </u>  |   |   |  |   | -                                      |                                       |
|          | -        |           |                                       |   |  |   |   |   | ·   |  |   |  |                                       |
|          |          |           |                                       |   |  |   |   |   |   |  |   |  |                                       |
|          |          |           |                                       |   |  |   |   |   |   |  | ·   |  |                                       |
|          |          |           | · · · · · · · · · · · · · · · · · · · |   |  | <i></i>   |   |   |   |  |   |  |                                       |
|          |          | 42        | 42 Block gy. traces of Feldspar Qtz.  | 42 Block qy. qybrn. traces of tourm.  Feldspar 65% Qtz. 30% | Block gy. gybrn. bands of Fe staining traces of tourm.  Feldspar 65% Musc. 5%  Qtz. 30% Tourm. tr. | Block gy. gybrn. bands of Fe staining traces of tourm.  Feldspar 65% Musc. 5% Qtz. 30% Tourm. tr. | Block gy. gybrn. bands of Fe staining traces of tourm.  Feldspar 65% Musc. 5%  Qtz. 30% Tourm. tr. tr. tr | Block qy. qybrn. bands of Fe staining traces of tourm.  Feldspar 65% Musc. 5% Tourm. tr. tr. tr.  Qtz. 30% Tourm. tr. tr. tr. | 42       Block qy. qybrn. bands of Fe staining  < | ### ### ############################## | 42       Block gy, gybrn. bands of Fe staining          traces of tourm.          Feldspar 65%       Musc. 5%         Qtz. 30%       Tourm. tr. | ### ### ############################## | Block gy, gybrn. bands of Fe staining |

| PROPERTY_H | ELLROARING | CREEK |
|------------|------------|-------|
|------------|------------|-------|

HOLE No. DDH 86-11

|         | DIP TEST       |                  |                             |              |  |
|---------|----------------|------------------|-----------------------------|--------------|--|
| Footage | Ang<br>Reading | gie<br>Corrected | Hole No. 86-11 Sheet No. 11 | . Lat        |  |
|         |                |                  | Section                     | Dep          |  |
|         |                |                  | Date Begun                  | Bearing      |  |
|         |                |                  | Date Finished               | Elev. Collar |  |
|         | L              |                  | Date Logged                 |              |  |

| DE!  |      | RECOVERY | DESCRIPTION   | SAMPLE No | FROM   | то       | WIDTH<br>OF SAMPLE |              |   |  |
|------|------|----------|---|-----------|--|----------|--------------------|--------------|---|--|
| 42   | 44.5 |          | Equigranular lt. gy. heavily Fe stained in part,          |           |  |          |                    |              |   |  |
|      |      |          | medf. crystalline med. crystalline tourm.                 |           |  |          |                    |              |   |  |
|      |      |          | throughout  |           |  | <u> </u> |                    | <u> </u>     |   |  |
|      |      |          |   |           |  |          |                    |              |   |  |
|      |      |          | Feldspar 54% Musc. 4%                                     |           | <u> </u>   |          |                    | <br><u> </u> |   |  |
|      |      |          | Qtz. 35% Tourm. 7%  | 1 6       |  |          |                    |              |   |  |
| 44.5 | 48.1 |          | Block lt. gy., gy. brn. scattered Fe staining             |           |  |          |                    |              | , |  |
|      |      |          | throughout high angle fractures @ 45 <sup>0</sup> to core |           |  |          |                    |              |   |  |
|      |      |          | axis, medf. crystalline tourm. throughout.,               |           |  |          |                    |              |   |  |
|      |      |          | tr. of manganese  |           |  |          |                    |              |   |  |
|      |      |          | Feldspar 60% Musc. 8%                                     |           |  |          |                    |              |   |  |
|      |      |          | Qtz. 25% Tourm. 7%  | 2 5       | -  | ļ        |                    |              | , |  |
| 48.1 | 53.7 |          | Equigranular to block medcoarse crystalline               |           |  |          |                    |              |   |  |
|      |      |          | light brown Fe staining throughout scattered              | ļ         | ļ  | ļ        | ļ                  | <br>ļ        | ļ |  |
|      |      |          | med. crystalline tourm. with bands of f.                  | <u> </u>  | <del>              _     _  </del> |          | ļ                  | <u> </u>     |   |  |
|      |      |          | crystalline disseminated tourm. scattered areas           |           | <u> </u>   |          |                    | <u> </u>     |   |  |
|      |      |          | of manganese staining.                                    |           | <u> </u>   |          |                    |              |   |  |
|      |      |          | Feldspar 62% Musc. 3%                                     |           |  | <u> </u> | <u></u>            |              |   |  |

Qtz. 25%

Tourm. 10%

2 8

PROPERTY HELLROARING CREEK

Date Logged...

| HOLE | N.   | DDH  | 86- | 11 |   |
|------|------|------|-----|----|---|
| HULE | 110. | **** |     |    | _ |

|         | DIP TEST |           |  |  |
|---------|----------|-----------|--|--|
|         | An       | gle       |  |  |
| Footage | Reading  | Corrected |  |  |
|         |          |           |  |  |
|         | <u> </u> |           |  |  |
|         |          |           |  |  |
|         |          |           |  |  |

| Hole No. 86-11 Sheet No. 12 | Lat          | Total Depth          |
|-----------------------------|--------------|----------------------|
| Section                     | Dep          | Logged By            |
| Date Begun                  | Bearing      | Claim                |
| Date Finished               | Elev. Collar | Core Size 3.5cm (BQ) |

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                  | SAMPLE Na | FROM | то | WIDTH<br>OF SAMPLE |              | /        |  |
|-------------|----------|----------|--|-----------|------|----|--------------------|--------------|----------|--|
| 53.7        | 56.3     |          | Block gy. brn. lt. to heavy Fe staining      |           |      |    |                    |              |          |  |
|             |          |          | throughout coarse-med. crystalline scattered |           |      |    |                    |              |          |  |
|             |          |          | med. crystalline tourm. occasional manganese |           |      |    |                    |              |          |  |
|             |          |          | staining, fractured @45-50° to axis          |           |      |    |                    |              |          |  |
|             |          |          | · · · · · · · · · · · · · · · · · · ·        |           |      |    |                    |              |          |  |
|             |          |          | Feldspar 57% Muscovite 12%                   |           |      |    |                    |              |          |  |
|             |          |          | Qtz. 30% Tourm. tr1%                         | 11        |      |    |                    |              |          |  |
| 56.3        | 58.8     |          | Equigranular gy. brn., ltheavy Fe staining   |           |      |    |                    |              |          |  |
|             |          |          | throughout, med. crystalline scattered med.  |           |      |    |                    |              |          |  |
|             |          |          | crystalline tourm. throughout disseminated   |           |      |    |                    |              |          |  |
|             |          |          | pyrite from 58 to 58.8m T.D.                 |           |      |    |                    |              |          |  |
|             |          |          | ·  |           |      |    |                    |              |          |  |
|             |          |          | Feldspar 52% Musc. 4%                        |           |      |    |                    |              | 1        |  |
|             |          |          | Qtz. 40% Tourm. 4%                           | 4         |      |    |                    |              |          |  |
|             |          | -        |  |           |      |    |                    | <del> </del> | <u> </u> |  |
|             |          |          | E.O.H.                                       |           |      |    |                    |              |          |  |
|             |          |          |  |           |      |    |                    |              |          |  |
|             |          |          |  |           |      |    |                    |              |          |  |
|             |          |          |  |           |      |    |                    |              |          |  |

| PROPERTY  | HELLROARING CREEK |
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| , WALTER! |                   |

HOLE No. DDH 86-12

| DIP TEST    |              |             |  |  |  |  |
|-------------|--------------|-------------|--|--|--|--|
|             | An           | gle         |  |  |  |  |
| Footage     |              | Corrected   |  |  |  |  |
|             |              |             |  |  |  |  |
|             | <b>_</b>     |             |  |  |  |  |
|             | <del> </del> | <u> </u>    |  |  |  |  |
| <del></del> | <u> </u>     | <del></del> |  |  |  |  |
|             |              |             |  |  |  |  |

| Hole No. 86-   | 12 She  | est No.         |
|----------------|---------|-----------------|
|                |         | <u>'85 grid</u> |
| Date Begun     | Sept. 2 | 24, 1986        |
| Date Finished_ |         |                 |
| Date Logged    |         |                 |

 Total Depth 46.6m (150')
Logged By D.H

Claim
Core Size 3.5cm (BQ)

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manganese staining.

PROPERTY HELLROARING CREEK

|         | DIP TEST     |           |  |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|--|
|         | An           | gie       |  |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |  |
|         | <del> </del> |           |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |

| Hole No. 86-12 Sheet No. 2 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DEF | TO                                    | RECOVERY |  | DESCRIPTION                            |  |  | SAMPLE No.                              | FROM   | то           | WIDTH<br>OF SAMPLE |           |             |              |         |              |
|-----|---------------------------------------|----------|--|--|--|--|---|--|--------------|--------------------|-----------|-------------|--------------|---------|--------------|
|     |                                       |          | Feldspa                                | r 55%                                  | · · · · · · · · · · · · · · · · · · ·  | Musc.                                  | 2%                                      | 4 2  |              | -                  | OF SAMPLE |             |              |         |              |
|     |                                       |          | Qtz.                                   |  |  | Tourm.                                 | <del></del>                             |  | <b> </b>     |                    |           |             |              |         |              |
|     |                                       |          | Garnet                                 |  |  |  |   |  |              |                    |           |             |              |         |              |
|     |                                       |          |  |  |  |  |   |  |              |                    |           |             |              |         |              |
|     |                                       |          |  |  |  |  |   |  |              |                    |           |             |              |         |              |
|     |                                       |          |  |  |  |  | *************************************** |  | <b></b>      |                    |           |             |              |         |              |
|     |                                       |          |  |  |  |  | <del></del>                             | <del>                                     </del> |              |                    |           |             |              |         |              |
|     |                                       |          |  |  | ······································ |  |   |  |              |                    |           |             |              |         |              |
|     |                                       |          |  | · · · · · · · · · · · · · · · · · · ·  |  |  |   |  |              |                    |           |             |              |         |              |
|     |                                       |          |  | ······································ | ·····                                  |  | ······································  |  | <b>†</b>     |                    |           |             |              |         |              |
|     | · · · · · · · · · · · · · · · · · · · |          | <del></del>                            |  |  |  |   |  | ļ ·          |                    |           |             |              |         |              |
|     |                                       |          |  |  |  |  |   |  |              |                    |           |             |              |         |              |
|     | - <u></u>                             |          |  |  |  | ······································ |   |  |              |                    |           |             |              |         |              |
|     |                                       |          | ······································ | <del></del>                            | ······································ |  |   |  | <u> </u>     | <u> </u>           |           | <del></del> |              | ,       | <b> </b>     |
|     |                                       | •        |  |  |  |  |   |  |              | <u> </u>           |           |             |              |         |              |
|     |                                       |          | <del></del>                            | ······································ | <del></del>                            | <del></del>                            | . <u></u>                               |  | <u> </u>     |                    |           |             |              |         | <del> </del> |
|     |                                       |          |  |  |  |  |   | ļ  | <del> </del> | ļ                  |           |             |              | !<br>   | <del> </del> |
|     |                                       |          |  |  |  |  |   |  |              |                    |           |             |              | <b></b> |              |
|     |                                       |          |  | <del></del>                            |  |  |   |  |              |                    |           |             | <del> </del> |         |              |
|     |                                       |          |  |  |  |  |   |  |              |                    |           |             |              |         |              |
|     |                                       |          |  |  |  |  |   | <del>                                     </del> |              | ļ                  |           |             |              | ,       |              |
|     |                                       |          |  |  |  |  |   |  |              |                    |           |             |              |         |              |

### DIAMOND DR \_ RECORD

| PROPERTY | HOLE No. DDH 86-12 |
|----------|--------------------|
|----------|--------------------|

|         | DIP TEST |           |  |              | /           |
|---------|----------|-----------|--|--------------|-------------|
|         | An       | gle       | 00.10                                    |              |             |
| Footage | Reading  | Corrected | Hole No. <u>86-12</u> Sheet No. <u>3</u> | Lat          | Total Depth |
|         |          |           | Section                                  | Dep          | Logged By   |
|         |          |           | Date Begun                               | Bearing      | Claim       |
|         |          |           | Date Finished                            | Elev. Collar | Core Size   |
| L       | L        |           | Date Logged                              | ÷            |             |

| DEI  | TO   | RECOVERY | DESCRIPTION   | SAMPLE N | FROM     | то | WIDTH<br>OF SAMPLE |  |         |  |
|------|------|----------|---|----------|----------|----|--------------------|--|---------|--|
| 14.0 | 22.4 |          | Block gylt. gy. zones of Fe staining throughout     |          |          |    |                    | · · · · · · · · · · · · · · · · · · ·  |         |  |
|      |      |          | scattered occurrances of med. crystalline tourm.    |          |          |    |                    |  |         |  |
|      |      |          | with minor amounts of disseminated fine crystalline |          |          |    |                    |  | 1       |  |
|      |      |          | tourm.  |          |          |    |                    |  |         |  |
|      |      |          | Feldspar 60% Muscovite 3%                           |          |          |    |                    |  |         |  |
|      |      |          | Quartz 34% Tourm. 3%.                               | 1 2      |          |    |                    |  |         |  |
|      |      |          | Manganese Tr.                                       |          | -        | ļ  |                    |  |         |  |
| 22.4 | 26.3 |          | Aplite grading up to equigranular gywhite. v. f.    |          |          |    |                    |  |         |  |
|      |      |          | to med. crystalline occasional intervals of light   |          |          | ļ  |                    |  |         |  |
| ļ    |      |          | Fe staining. Fine crystalline disseminated tourm.   |          |          |    |                    |  |         |  |
| -    |      |          | with intervals of med. crystalline tourm.           |          |          | ļ  |                    |  |         |  |
|      |      |          | Feldspar 45% Muscovite 5%                           |          |          |    |                    |  |         |  |
|      |      |          | Quartz 30% Tourm. 15-20%                            | 15 3     |          |    |                    |  |         |  |
|      |      | -        | Garnet Tr 1%  |          |          |    | ·                  | ······································ |         |  |
|      |      |          |   |          |          |    |                    |  |         |  |
| 26.3 | 28.1 |          | Block, gy. v. coarse crystalline some light to      |          |          |    |                    |  |         |  |
|      |      |          | moderate Fe staining, occasional med.               |          | <u> </u> |    |                    |  |         |  |
|      |      |          |   |          |          |    |                    |  | <u></u> |  |

| PROPERTY_ | HELLROARING | CREEK |  |
|-----------|-------------|-------|--|
|           |             |       |  |

|         | DIP TEST                | ]                          |              |             |
|---------|-------------------------|----------------------------|--------------|-------------|
| Footage | Angle Reading Corrected | Hole No. 86-12 Sheet No. 4 | Lat          | Total Depth |
|         |                         | Section                    | Dep          | Logged By   |
|         |                         | Date Begun                 | Bearing      | Claim       |
|         |                         | Date Finished              | Elev. Collar | Core Size   |
| L       |                         | Date Logged                |              |             |

| DEF<br>FROM | TO | RECOVERY | DESCRIPTION                                | SAMPLE No. | FROM         | то      | WIDTH<br>OF SAMPLE |  |           |          |
|-------------|----|----------|--|------------|--------------|---------|--------------------|--|-----------|----------|
| 2           |    |          | crystalline tourm., tr. of manganese stain |            |              |         |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    |          | Feldspar 55% Musc. 4%                      |            |              |         |                    |  |           |          |
|             |    |          | Qtz. 40% Tourm. 1%                         | 1          |              |         |                    |  | <br>      |          |
|             |    |          |  |            | ļ            |         |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    |          |  |            | ļ            |         |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  | , , , , , | <u> </u> |
|             |    |          |  |            | <u> </u>     | <b></b> |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    |          |  |            | <u> </u>     |         |                    |  |           |          |
|             |    |          |  |            | <del> </del> |         |                    |  |           |          |
|             |    |          |  |            | <u> </u>     |         |                    |  | ,         |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    | Ì        |  |            |              |         |                    |  |           |          |
|             |    |          |  |            |              |         | ·                  |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |
|             |    |          |  |            |              |         |                    |  |           |          |

HELLROARING CREEK

|           | HEEEKOMKING CKEEK |  |
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| PROPERTY. |                   |  |

86-12

HOLE No.

|         | DIP TEST   |           |                  |   |
|---------|--|-----------|------------------|---|
|         | An   | gle       | 86-12            | 5 |
| Footage | Reading  | Corrected | Hole NoSheet No. |   |
|         | <del>                                     </del> |           | Section          |   |
|         |  |           | Date Begun       |   |
|         |  |           | Date Finished    |   |
|         | J  |           | Date Logged      |   |

 Lat.
 Total Depth

 Dep.
 Logged By

 Bearing
 Claim

 Elev. Collar
 Core Size

| DEI  | PTH       | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM         | то | WIDTH       |   | Ţ  |          |  |
|------|-----------|----------|--|------------|--------------|----|-------------|---|--|----------|--|
| FROM |           |          |  |            | <del> </del> | 10 | OF SAMPLE   |   | <del> </del>                                     | <u> </u> |  |
| 28.1 | 30.1      |          | Equigranular lt. gygy. brn. heavily Fe                 | f. m-c     |              |    |             |   | <del>                                     </del> |          |  |
|      |           |          | stained fractured vertically and at 45-50 <sup>0</sup> |            | ļ            |    |             |   |  |          |  |
|      |           |          | to core axis. Scattered med. crystalline               |            |              |    |             |   |  |          |  |
|      |           |          | tourm. with bands of f. crystalline disseminated       | 1          |              |    |             |   |  |          |  |
|      |           |          | f. gn. feathery tourm.                                 |            |              |    |             |   |  | /        |  |
|      |           |          | Feldspar 55% Musc. 3%                                  |            | <del> </del> |    |             | 1 |  |          |  |
|      |           |          | Qtz. 30% Tourm. 12%                                    | 7 5        |              |    |             |   |  |          |  |
| 30.1 | 30.1 34.6 |          | Block gygy. brn. heavily Fe stained in part,           |            |              |    |             |   |  |          |  |
|      |           |          | medcoarse crystalline coarse-med. tourm.               |            |              |    |             |   |  |          |  |
|      |           |          | crystals with bands of f. crystalline                  |            |              |    |             |   |  |          | -                                      |
|      |           |          | disseminated aplitic tourm.                            |            |              |    |             |   |  |          |  |
|      |           |          | Traces of pyrite and garnet                            |            |              |    |             |   |  | 1        |  |
|      |           |          |  |            | ļ            |    |             |   |  |          |  |
|      |           |          | Feldspar 65% Musc. 2%                                  |            |              |    |             |   | <u> </u>   |          |  |
|      |           | -        | Qtz. 25% Tourm. 8%                                     | 3 5        |              |    |             |   |  |          |  |
| 34.6 | 36        |          | Aplite gydk. gy. fmed. crystalline                     |            |              |    |             |   |  | ,        |  |
| 3    |           |          | disseminated tourm.                                    |            |              |    |             |   |  |          |  |
|      |           |          | Feldspar 53% Musc. 5%                                  |            |              |    |             |   |  |          |  |
|      |           | A_       | 0tz. 30% Tourm 12%                                     |            |              |    | <del></del> |   |  | ·        | L,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |

Qtz.

30%

Tourm. 12%

12

| PROPERTY | <u>HELLROARING</u> | CREEK |
|----------|--------------------|-------|
|          |                    |       |

|           | DIP TEST |           |  |  |  |  |  |
|-----------|----------|-----------|--|--|--|--|--|
|           | Angle    |           |  |  |  |  |  |
| Footage . | Reading  | Corrected |  |  |  |  |  |
|           |          |           |  |  |  |  |  |
|           | ļ        |           |  |  |  |  |  |
|           | ļ        |           |  |  |  |  |  |
|           |          |           |  |  |  |  |  |
|           |          |           |  |  |  |  |  |

| 86-12 6          |              |             |
|------------------|--------------|-------------|
| Hole No Sheet No | Lat          | Total Depth |
| Section          | Dep          | Logged By   |
| Date Begun       | Bearing      | Claim       |
| Date Finished    | Elev. Collar | Core Size   |
| Date Logged      |              |             |

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                    | SAMPLE No | FROM     | то       | WIDTH<br>OF SAMPLE |       | ,        |          |
|-------------|----------|----------|--|-----------|----------|----------|--------------------|-------|----------|----------|
| 36          | 46.6     |          | Equigranular grading up to block, gygy.        | f. m-c    |          |          |                    |       |          |          |
|             | EOH      |          | brn. lightly Fe stained throughout. medcoarse  |           |          |          |                    |       |          |          |
|             |          |          | tourm. crystals throughout, scattered bands of |           | <u> </u> | <u> </u> |                    |       |          |          |
|             |          |          | garnet, zones of manganese staining.           |           |          |          |                    |       |          |          |
|             |          |          |  |           | <b>↓</b> |          |                    |       |          |          |
| <u> </u>    |          |          | Feldspar 55% Musc. 3%                          |           | ļ        |          |                    |       |          |          |
|             |          |          | Qtz. 30% Tourm. 12%                            | 2 10      |          | <u> </u> |                    |       | ,        |          |
|             |          |          | Е.О.Н.   |           | ļ        | ļ        | ļ                  | <br>  |          |          |
|             |          |          |  |           | ļ        |          |                    |       |          |          |
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| PROPERTY | HELLROARING C | REEK |
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HOLE No. DDH 86-13

| DIP TEST |         |           |  |  |  |  |  |
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| Footage  | Reading | Corrected |  |  |  |  |  |
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| Hole No    | 86-13    | Sheet l | -<br>الم |      |
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| Section    | 0+50\$/0 | )+10W   | 86       | grid |
| Date Begu  | ın       |         |          |      |
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Date Logged\_

| Lat         |        |
|-------------|--------|
| Dep         |        |
| Bearing Ver | tical  |
| Elev Collar | 1620 m |

| Total Depth_ | 180.6 |    |
|--------------|-------|----|
| Logged By    | D.H.  |    |
| Claim        |       |    |
|              | A F   | DΛ |

| DE FROM | TO   | RECOVERY | DESCRIPTION                                    | SAMPLE No.          | FROM   | то          | WIDTH<br>OF SAMPLE |         |                | <del>}\</del> |         |
|---------|------|----------|--|---------------------|--|-------------|--------------------|---------|----------------|---------------|---------|
| 1.7     | 5.1  |          | Equigranular gy. medcoarse crystalline         | TOURM %<br>y.ff.m-c |  | <del></del> |                    |         |                |               |         |
|         |      |          | traces of light brn. Fe staining disseminated  |                     |  |             |                    |         |                |               |         |
| ļ       |      |          | f. crystalline tourm. with some scattered med. |                     |  |             |                    |         |                |               |         |
|         |      |          | crystalline tourm.                             |                     |  |             |                    |         |                |               |         |
|         |      |          |  |                     |  |             |                    |         |                |               |         |
|         |      |          | Feldspar 60% Musc. 6%                          | ļ                   |  | <del></del> |                    |         |                |               |         |
|         |      |          | Qtz. 26% Tourm. 8%                             | 5 3                 |  |             |                    |         |                |               |         |
|         |      |          |  |                     |  |             |                    |         |                |               |         |
| 5.1     | 14.2 |          | Equigranular to block lt. gygy. medcoarse      | #2                  | 13.5   | -14.2       | Fe and ma          | inganes | staine         | d             |         |
| ļ       |      |          | crystalline, micaceous, with scattered traces  |                     | <u>.                                    </u> |             |                    |         |                |               |         |
|         |      |          | of med. crystalline tourm. scattered manganese |                     |  |             |                    |         |                |               |         |
|         |      |          | staining.                                      |                     |  |             |                    |         |                |               |         |
|         |      |          |  |                     |  | <del></del> |                    |         |                |               |         |
|         |      |          | Feldspar 60% Musc. 10%                         |                     |  |             |                    |         |                | 1             | <u></u> |
|         |      |          | Qtz. 30% Tourm. tr.                            | tr_                 |  |             |                    |         |                |               |         |
|         |      |          |  |                     |  |             |                    |         |                |               | <u></u> |
| 14.2    | 19.3 |          | Block, v. light gy. coarse crystalline         |                     |  |             |                    |         | i <del> </del> |               |         |
|         |      |          | micaceous, traces of f. crystalline tourm.     |                     |  |             |                    |         |                |               |         |
|         |      |          | coarse tourm. crystals at 16 m, scattered      |                     |  |             |                    |         |                | /             |         |
|         |      |          | manganese staining.                            |                     |  |             |                    |         |                |               |         |
|         |      |          | Feldspar 70% Musc. 5%                          |                     |  |             |                    |         |                |               |         |
|         |      |          | 0+- 20%  |                     |  |             |                    |         |                |               |         |

Qtz. 25%

Tourm. tr.

tr

| PROPERTY_ | HELLROARING CREEK |
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| DIP TEST     |                     |  |  |  |  |  |
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| Hole No. 86-13 Sheet No. 2 | Lat          | Total Depth     |  |
|----------------------------|--------------|-----------------|--|
| Section                    | Dep          | Logged By       |  |
| Date Begun                 | Bearing      | Claim           |  |
| Date Finished              | Elev. Collar | Core Size 3.5cm |  |
| Date Logged                |              |                 |  |

| DEF<br>FROM | TH<br>TO | RECOVERY |   |            | DESCRIPTION                   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |     |   |
|-------------|----------|----------|---|------------|-------------------------------|------------|------|----|--------------------|--|-----|---|
| 19.3        | 21.0     | )        | Equigranular gygy. brn. lt. Fe staining |            |                               |            |      |    |                    |  |     |   |
|             |          |          | grading to                              | block.,    | medcoarse crystalline,        |            |      |    |                    |  |     |   |
|             |          |          | scattered                               | dissemina  | ted tourm. crystals,          |            |      |    |                    |  |     |   |
|             |          |          | increasing                              | Fe and m   | anganese staining.            |            | ļ    |    |                    |  |     | ļ |
|             |          |          | Feldspar                                | 51%        | Musc. 2%                      | f med      |      |    |                    |  |     |   |
|             |          |          | Qtz.                                    | 45%        | Tourm. 2%                     | 2 0        |      |    |                    |  |     |   |
| 21.0        | 28.      | 2        | Block lt.                               | gygy. c    | oarse crystalline qtz. musc., |            |      |    |                    |  |     |   |
|             |          |          | scattered                               | light Fe   | staining, traces of           |            |      |    |                    |  |     |   |
|             |          |          | manganese                               | staining   |                               |            |      |    |                    |  |     |   |
|             |          |          | Feldspar                                | 50%        | Musc. 5%                      |            |      |    |                    |  |     |   |
|             |          |          | Qtz.                                    | 45%        |                               |            |      |    |                    |  | , / |   |
| 28.2        | 42.      | 3        | Block to e                              | equigranul | ar v. lt. gywht. coarse-med.  |            |      |    |                    |  |     |   |
|             |          | -        | crystallin                              | ne f. crys | talline tourm. disseminated   |            |      |    |                    |  |     |   |
|             |          |          | throughout                              | t, occasio | nal light Fe staining some    |            |      |    |                    |  |     |   |
|             |          |          | manganese                               | staining   |                               |            |      |    |                    |  |     |   |
|             |          |          | Feldspar                                | 50%        | Musc. 4%                      | f med      |      |    |                    |  |     |   |
|             |          |          | Qtz.                                    | 38%        | Tourm. 8%                     | 7 1        |      |    |                    |  |     |   |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |           |  |  |  |  |  |  |
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| Footage | Reading      | Corrected |  |  |  |  |  |  |
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| Hole No. 86-13 Sheet No. 3 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Beoring      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

| FROM | TO   | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM         | то       | WIDTH<br>OF SAMPLE |   |   |  |
|------|------|----------|--|------------|--------------|----------|--------------------|---|---|--|
| 42.3 |      |          | Equigranular light gygy. brn. medf.              |            | <del> </del> |          | OI OAMILE          |   |   |  |
|      |      |          | crystalline with minor bands of light colored    |            |              | <u> </u> |                    |   |   |  |
|      |      |          | block pegmatite. Badly contaminated with fine    |            |              |          |                    |   |   |  |
|      |      |          | crystalline disseminated tourm., some light      |            |              |          |                    |   |   |  |
|      |      |          | Fe staining throughout, some manganese staining, |            |              |          |                    |   |   |  |
|      |      |          | bands of garnet.                                 |            |              | <u> </u> |                    |   |   |  |
|      |      |          |  |            | ļ            |          |                    |   |   |  |
|      |      |          | Feldspar 50% Musc. 3%                            |            | ļ            | ļ<br>    |                    | <br>                                      |   |  |
|      |      |          | Qtz. 30% Tourm. 5%                               | 5          |              |          |                    | <br>                                      |   |  |
|      |      |          | Garnet 2%  |            | <u> </u>     |          |                    |   |   |  |
|      |      |          |  |            |              |          |                    | <br>· · · · · · · · · · · · · · · · · · · |   |  |
| 50.3 | 54.0 |          | Block, gy. coarse-med. crystalline, some f.      |            | ļ            | ļ        |                    |   |   |  |
|      |      |          | crystalline disseminated tourm., bands of garnet |            | ļ            |          |                    |   |   |  |
|      |      | ·        | Feldspar 60% Musc. 4%                            |            |              |          |                    |   | / |  |
|      |      |          | Otz. 33% Tourm. 1%                               | 1          |              |          |                    |   |   |  |
|      |      | -        | Garnet 2%  |            |              |          |                    |   | , |  |
|      | İ    |          |  |            |              |          |                    |   |   |  |
| 54.0 | 57.0 |          | Equigranular grading up to block gylight gy.     |            |              |          |                    | ,   |   |  |
|      |      |          | medcoarse crystalline med. crystalline and f.    |            |              |          |                    |   |   |  |
|      |      |          | disseminated tourm. throughout. Bands of garnet  |            |              |          |                    |   |   |  |

| PROPERTY                               | HELLROARING CREEK |
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|         | DIP TEST |           |  |  |  |  |  |  |
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| Hole No. 86-13 Sheet No. 4 | Lot          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                | ,            |             |

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|-------------|----|----------|----------|-----|--|--------|----|------------|------|---------|--------------------|---|---------------------------------------|---|---|
| DEF<br>FROM | ТО | RECOVERY |          |     | DESCRIPT                               | ION    |    | SAMPLE No. | FROM | TO      | WIDTH<br>OF SAMPLE |   |                                       |   |   |
|             |    |          | Feldspar | 60% |  | Musc.  | 2% | f. med.    |      |         |                    |   |                                       |   |   |
|             |    |          | Qtz.     | 30% |  | Tourm. |    | 5 1        |      |         |                    |   |                                       |   |   |
|             |    |          | Garnet   | 2%  |  |        |    |            |      |         |                    |   |                                       |   |   |
|             |    |          |          |     |  |        |    |            |      |         |                    | - |                                       |   |   |
|             |    |          |          |     |  |        |    |            |      |         |                    |   |                                       |   |   |
|             |    |          |          |     |  |        |    |            |      |         |                    |   |                                       | , |   |
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|             |    |          |          |     |  |        |    |            |      |         |                    |   |                                       |   |   |
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|             |    | •        |          |     |  |        |    |            |      |         |                    |   |                                       | , |   |
|             |    |          |          |     |  |        |    |            | ·    |         |                    |   |                                       |   |   |
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|             |    | -        |          |     |  |        |    |            |      |         |                    |   |                                       |   |   |
|             |    |          |          |     |  |        |    |            |      |         |                    |   |                                       |   |   |
|             |    |          |          |     |  |        |    |            |      |         |                    |   |                                       |   |   |
|             |    |          |          |     |  |        |    |            |      |         |                    |   |                                       |   |   |
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| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |           |  |  |  |  |  |  |
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| Hole No. 86-13 Sheet No. 5 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM    | TO TO | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |      | <u> </u> |   |  |
|---------|-------|----------|---|------------|------|----|--------------------|------|----------|---|--|
| 57.0    | 63.8  |          | Block to equigranular light gygy. coarse-med.     |            |      |    |                    |      |          |   |  |
| <u></u> |       |          | crystalline with med. crystalline and disseminate | đ          |      |    |                    |      |          |   |  |
| ļ       |       |          | tourm. throughout, minor amounts of light Fe      |            |      |    |                    |      |          |   |  |
|         |       |          | staining and manganese staining                   |            |      |    |                    |      |          |   |  |
|         |       |          | Feldspar 60% Musc. 10%                            |            |      |    |                    |      | ·        |   |  |
|         |       |          | Qtz. 26% Tourm. 4%                                | 2 2        |      |    |                    |      |          |   |  |
| 63.8    | 66.4  |          | Block gy. coarse-med. crystalline fractured with  |            |      |    |                    |      |          |   |  |
|         |       |          | light to med. Fe staining, scattered traces of    |            |      |    |                    |      |          |   |  |
|         |       |          | tourm.  |            |      |    |                    |      |          |   |  |
|         |       |          | Feldspar 68% Musc. 4%                             |            |      |    |                    |      |          |   |  |
|         |       | ·        | Qtz. 28%  | tr.        |      |    |                    | ···· |          | / |  |
| 66.4    | 68.6  | 5        | Equigranular gygy. grn. some aplitic material     |            |      |    |                    |      |          |   |  |
|         |       | -        | with f. crystalline disseminated tourm., traces   |            |      |    |                    |      |          |   |  |
|         |       |          | of garnet and sulphide minerals                   |            |      |    |                    |      |          |   |  |
|         |       |          |   |            |      |    |                    |      |          |   |  |
|         |       |          | Feldspar 55% Musc. 5%                             |            |      |    |                    |      |          |   |  |
|         |       |          | Qtz. 31% Tourm. 9%                                | 9 0        |      |    |                    |      |          |   |  |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |           |
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| Footage | Reading      | Corrected |
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| Hole No. 86-13 Sheet No. 6 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              | ,           |

| DE F | TH<br>TO | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |       |   |  |
|------|----------|----------|--|------------|----------|----------|--------------------|-------|---|--|
| 68.6 | 84.8     | }        | Block whtv. light gy., coarse crystalline bands  | S          |          |          |                    |       |   |  |
|      |          |          | of f. crystalline disseminated tourm. and med.   |            |          |          | <u>.</u>           |       |   |  |
|      |          |          | crystalline tourm., traces of garnet. Thin zones | 5          |          |          |                    |       |   |  |
|      |          |          | (.lm) of aplitic rock                            |            |          | <u> </u> |                    |       |   |  |
|      |          |          |  |            | <u> </u> |          |                    | <br>ļ |   |  |
|      |          |          | Feldspar 60% Musc. 8%                            |            |          | ļ        |                    | <br>ļ |   |  |
|      |          |          | Qtz. 29% Tourm. 3%                               | 2 1        | -        |          |                    | <br>ļ |   |  |
| 84.8 | 86.      | 3        | Equigranular gy. fmed. crystalline with          |            |          |          |                    |       |   |  |
|      |          |          | disseminated f. crystalline tourm. throughout    |            |          |          |                    |       |   |  |
|      |          |          |  |            | <u> </u> |          |                    |       |   |  |
|      |          |          | Feldspar 60% Musc. 4%                            |            | <u> </u> |          |                    |       |   |  |
|      |          |          | Qtz. 30% Tourm. 6%                               | 7 0        | <u> </u> |          |                    |       |   |  |
|      |          |          |  |            |          | ļ        |                    |       | / |  |
| 86.8 | 91.      | 3        | Block light gy. coarse crystalline grading to    |            | <u> </u> |          |                    | <br>  |   |  |
|      |          |          | graphic in part. Traces of med. to fine          |            | <u> </u> |          |                    |       |   |  |
|      |          | -        | crystalline tourm.                               |            | ļ        |          |                    | <br>  |   |  |
|      |          |          |  |            | <u> </u> |          |                    | <br>  |   |  |
|      |          |          | Feldspar 65% Musc. 4%                            |            |          |          |                    |       |   |  |
|      |          |          | Qtz. 30% Tourm. tr1%                             | 1 tr       |          |          |                    | <br>  |   |  |
|      |          |          |  |            |          |          |                    |       |   |  |

| PROPERTY | HELLROARING CREEK |
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|         | DIP TEST |           |
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| Hole No. 86-13 Sheet No. 7 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM | PTH<br>TO | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |  |   |  |
|------|-----------|----------|--|------------|----------|----|--------------------|--|---|--|
| 91.8 | 93.7      | ,        | Equigranular gy. medf. crystalline, f.   |            |          |    |                    |  |   |  |
|      |           |          | crystalline disseminated tourm., scattered garnet  |            |          |    |                    |  |   |  |
|      |           |          | Feldspar 60% Musc. 8%  |            |          |    |                    |  |   |  |
|      |           |          | Qtz. 24% Tourm 2% Garnet 6%  | 2 0        |          |    |                    |  |   |  |
| 93.7 | 98.1      |          | Block gylight gy. coarse crystalline with scattered fmed. crystalline tourm.                                   |            |          |    |                    |  |   |  |
|      |           |          |  |            |          |    |                    |  |   |  |
|      |           |          | Feldspar 70% Musc. 5%  Qtz. 25% Tourm. tr.   | tr.        |          |    |                    |  |   |  |
| 98.1 | 102.      | 0.       | Equigranular light gy. fmed. crystalline with minor amounts of disseminated tourm., traces of garnet.          |            |          |    |                    |  | / |  |
|      |           |          | Feldspar       60%       Musc.       4%         Qtz.       35%       Tourm.       1%         Garnet       tr1% | 1          |          |    |                    |  |   |  |
|      |           |          |  |            | <u> </u> |    | <b>.</b>           |  |   |  |

| PROPERTY   | HELLROARING CREEK |
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| DIP TEST |         |             |  |  |  |  |
|----------|---------|-------------|--|--|--|--|
|          | Angle   |             |  |  |  |  |
| Footage  | Reading | Corrected   |  |  |  |  |
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| Hole No. 86-13 Sheet No. 8 | Lat          | Total Depth     |
|----------------------------|--------------|-----------------|
| Date Begun                 | Bearing      | Claim           |
| Date Finished              | Elev. Collar | core size 3.5cm |
| Date I                     |              |                 |

| DEF       | TO TO    | RECOVERY                              | DESCRIPTION                                    | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE | <u> </u> |   |  |
|-----------|----------|---------------------------------------|--|------------|------|----|--------------------|----------|---|--|
| 102.0     | 109      | .9                                    | Block light gy. coarse-med. crystalline traces |            |      |    |                    |          |   |  |
|           |          |                                       | of disseminated tourm. with occasional med.    |            |      |    |                    |          |   |  |
|           |          |                                       | crystalline tourm., tr. of pyrite              |            |      |    |                    |          | , |  |
|           |          |                                       | Feldspar 65% Musc. 4%                          |            |      |    |                    |          |   |  |
|           |          |                                       | Qtz. 30% Tourm. tr1%                           | tr1        |      |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |
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|           | ļ        |                                       |  |            |      |    |                    |          |   |  |
|           | <u> </u> |                                       |  |            | ļ    |    |                    | <br>     |   |  |
| <u> </u>  |          | •                                     |  |            |      |    |                    |          | , |  |
| <b>  </b> |          | · · · · · · · · · · · · · · · · · · · |  |            | ·    |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    | <br>ļ    |   |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    | ,        | , |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |
|           |          |                                       |  |            |      |    |                    |          |   |  |

Bearing\_\_\_\_

Elev. Collar\_\_\_\_\_

| PROPERTY | HELLROARING CREEK | HOLE No. |
|----------|-------------------|----------|
|          |                   |          |

|         | DIP TEST     |           |                          |
|---------|--------------|-----------|--------------------------|
|         | An           | gie       | 06.13                    |
| Footage | Reading      | Corrected | Hole No. 86-13 Sheet No. |
|         | <del> </del> |           | Section                  |
|         |              |           | Date Begun               |
|         |              |           | Date Finished            |
|         | <u> </u>     |           | Date Looped              |

| Total Depth |  |
|-------------|--|
| Logged By   |  |
| Claim       |  |

DDH 86-13

| DE F<br>FROM | TH<br>TO | RECOVERY  | DESCRIPTION   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |   |  |
|--------------|----------|-----------|---|------------|------|----|--------------------|--|---|--|
| 109.9        | 115      | .4 5.5 m  | Block gy. brn. gy. grn. fracture zone heavily-              |            |      |    |                    |  |   |  |
|              |          |           | moderately Fe stained, some manganese staining,             |            |      |    |                    |  |   |  |
|              |          |           | fractures generally @45 <sup>0</sup> but varying, traces of |            |      |    |                    |  |   |  |
| ļ            |          |           | disseminated tourm., traces of garnet                       |            |      |    |                    |  |   |  |
|              |          |           | Feldspar 65% Musc. 5%                                       |            |      |    |                    |  |   |  |
|              |          |           | Qtz. 30% Tourm. tr.   | tr.        |      |    |                    |  |   |  |
|              |          |           | Garnet tr.  |            |      |    |                    |  | , |  |
| 15.4         | 120.     | 6 5.2 m   | Aldridge meta sediment gy. v. f. crystalline                |            |      |    |                    |  |   |  |
|              |          |           | qtz. biotite foliation at 40-50° to core axis,              |            |      |    |                    |  |   |  |
|              |          |           | traces of phlogopite and pyrrhotite                         |            |      |    |                    |  |   |  |
| 120.         | 5 134    | .3 13.7 r | Block to equigranular gygreen, medcoarse                    |            |      |    |                    |  | 1 |  |
|              |          |           | crystalline, Fe and manganese staining on                   |            |      |    |                    |  |   |  |
|              |          |           | fracture faces near contact with Aldridge traces            |            |      |    |                    |  |   |  |
|              | ĺ        | -         | of disseminated v. f. tourm., traces of                     |            |      |    |                    |  |   |  |
|              |          |           | pyrrhotite and traces of garnet, fracture zone @            |            |      |    |                    |  |   |  |
|              |          |           | 128.7m (minor faulting?)                                    |            |      |    |                    |  |   |  |
|              |          |           | Feldspar 65% Musc. 4%                                       |            |      |    |                    |  |   |  |
|              | l        |           | Qtz. 30% Tourm. tr. Pyrrhotit                               | 1% tr.     |      |    |                    |  |   |  |

Garnet tr.

| PROPERTY_      | HELLROARING CREEK |
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|         | DIP TEST     |           |
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|         | An           | gle       |
| Footage | Reading      | Corrected |
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| Hole No. 86-13 Sheet No. 10 | Lat          | Total Depth |
|-----------------------------|--------------|-------------|
| Section                     | Dep          | Logged By   |
| Date Begun                  | Bearing      | Claim       |
| Date Finished               | Elev. Collar | Core Size   |
| Date Logged                 | •            |             |

| DE F  | TH<br>TO | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |              |  |
|-------|----------|----------|--|------------|------|----|--------------------|---|--------------|--|
| 134.3 | 136      | 2 1.9 m  | Aldridge gydk. gy. v.f. crystalline clean dense    |            |      |    |                    |   |              |  |
|       |          |          | traces of disseminated pyrite no detectable qtz.   |            |      |    |                    |   |              |  |
|       |          |          | N.B. possibly a diorite contact metamorphic        |            |      |    |                    |   |              |  |
|       |          |          |  |            |      |    |                    |   |              |  |
|       |          |          | Feldspar 86% Pyrite 1%                             |            |      |    |                    | · | <br><u> </u> |  |
| ļ     |          |          | Mafic 5% Musc. 8%                                  |            | ļ    |    |                    |   |              |  |
| 136.2 | 137      | .4 1.2 n | Block light gy. grn. v. coarse-coarse crystalline. |            |      |    |                    |   |              |  |
|       |          |          | Feldspar 30% Qtz. 70%                              | 0 0        |      |    |                    |   |              |  |
|       |          |          | 707d Qt2. 70%                                      | 0 0        |      |    |                    |   |              |  |
| 137.4 | 138      | .3 .9 m  | Aldridge dark gy. v. f. crystalline, clean dense   |            |      |    |                    |   |              |  |
|       |          |          | N.B. possibly a diorite, contact metamorphic       |            |      |    |                    |   | / 1          |  |
|       |          |          | Feldspar 55% Mafics & Biotite 37%                  |            |      |    |                    |   |              |  |
|       |          |          | Pyrite 8%  |            |      |    |                    |   | <br>         |  |
| 138.  | 139      | .2 .9 m  | Block light gy., coarse-med. crystalline           |            |      |    |                    |   |              |  |
|       |          |          | Feldspar 65% Musc. 10%                             | 0 0        |      |    |                    |   |              |  |
|       |          |          | Qtz. 25%   |            |      |    |                    |   |              |  |

| PROPERTY | HELLROARING CREEK | HOLE No. DDH 86-13 |  |
|----------|-------------------|--------------------|--|
|          |                   | 77044 770.         |  |

|         | DIP TEST |           |                             |              |             |
|---------|----------|-----------|-----------------------------|--------------|-------------|
|         | An       | gle       | 86-13 11                    |              |             |
| Footage | Reading  | Corrected | Hole No. 86-13 Sheet No. 11 | Lat          | Total Depth |
|         |          |           | Section                     | Dep.         | Logged By   |
|         |          |           |                             | •            |             |
|         |          |           | Date Begun                  | Bearing      | Claim       |
|         |          |           | Date Finished               | Elev. Collar | Core Size   |
| L       | L        | L         | Date Logged                 |              |             |

| DE<br>FROM | PTH<br>TO    | RECOVERY | DESCRIPTION                         | SAMPLE No. | FROM         | то | WIDTH<br>OF SAMPLE |              |   |  |
|------------|--------------|----------|-------------------------------------|------------|--------------|----|--------------------|--------------|---|--|
| 139.       | 2 140        | .9 1.7 m | Aldridge dark gy. v. f. crystalline |            |              |    |                    |              |   |  |
| <b> </b>   | ļ            |          |                                     |            |              |    |                    |              |   |  |
| ļ          | ļ            |          | Feldspar 65% Mafics & Biotite 35%   |            | ļ            |    |                    |              |   |  |
|            |              |          |                                     |            | <b> </b>     |    |                    |              |   |  |
|            | <del> </del> |          |                                     |            | <b></b>      |    |                    |              |   |  |
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## DIAMOND LL RECORD

| PROPERTY | HELLROARING | CREEK |
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|           | DIP TEST |     |  |  |  |  |
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|           |          | gie |  |  |  |  |
| Footage . |          |     |  |  |  |  |
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| Hole No. 86-13 Sheet No. 12 | Lot.         | Total Depth |
|-----------------------------|--------------|-------------|
| Section                     | Dep          | Logged By   |
| Date Begun                  | Bearing      | Claim       |
| Date Finished               | Elev. Collar | Core Size   |
| Date Logged                 |              |             |

| FROM  | TO TO | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |  |
|-------|-------|----------|--|------------|------|----|--------------------|---|--|
| 140.9 | 160.  | 4 19.5 m | Block to equigranular, light grey-white coarse   |            |      |    |                    |   |  |
|       |       |          | to medium crystalline, intervals of f. crystalline   |            |      |    |                    |   |  |
|       |       |          | disseminated tourm, throughout, traces of pyrite   |            |      |    |                    |   |  |
|       |       |          | Feldspar 70% Musc. 9%  |            |      |    |                    |   |  |
|       |       |          | Otz. 21% Tourm. tr1%   | tr-1       |      |    |                    |   |  |
| 160.4 | 168.  | 7 8.3 m  | Block light grey grey coarse-v. coarse crystalline quartz muscovite intervals of garnet traces                                 |            |      |    |                    |   |  |
|       |       |          | Feldspar       45%       Musc.       10%         Qtz.       45%       Tourm.       0%  |            |      |    |                    |   |  |
|       |       |          | Garnet tr.   |            |      |    |                    | 7 |  |
| 68.7  | 170.  | 0 1.3 m  | Equigranular to aplitic fmed. crystalline scattered tourm. throughout, f. crystalline disseminated and med. crystalline bands. |            |      |    |                    |   |  |
|       |       |          | Feldspar         60%         Musc.         7%           Qtz.         25%         Tourm.         8%                             | 2 6        |      |    |                    |   |  |
|       |       |          |  |            |      |    |                    |   |  |

| PROPERTY   | HELLROARING | CREEK |
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|         | DIP TEST |           |                             |              |             |
|---------|----------|-----------|-----------------------------|--------------|-------------|
|         | An       | gle       |                             |              |             |
| Footage | Reading  | Corrected | Hole No. 86-13 Sheet No. 13 | Lat          | Total Depth |
|         |          |           | Section                     | Dep          | Logged By   |
|         |          |           | Date Begun                  | Bearing      | Claim       |
|         |          |           | Date Finished               | Elev. Collar | Core Size   |
|         | <u> </u> |           | Date Logged                 |              |             |

| DEI   | TH    | RECOVERY | DESCRIPTION                                    | SAMPLE No.  | FROM | то | WIDTH<br>OF SAMPLE |  |          |   |  |
|-------|-------|----------|--|-------------|------|----|--------------------|--|----------|---|--|
| 170.0 | 170.8 | 0.8 m    | Block grey coarse crystalline minaceous quartz |             |      |    |                    |  |          |   |  |
|       |       |          | muscovite                                      |             |      |    |                    |  |          |   |  |
|       |       |          |  |             |      |    |                    |  |          |   |  |
| L     |       |          | Feldspar 65% Musc. 10%                         |             |      |    |                    |  |          |   |  |
|       |       |          | Otz. 25%                                       | 0 0         |      |    |                    |  |          |   |  |
| 170.8 | 172.3 | 0.5 m    | Aldridge metasediment grey v.f. gr.            |             |      |    |                    |  |          |   |  |
|       |       |          | micaceous biotite.                             |             |      |    |                    | ······································ |          |   |  |
| 172.3 | 173.3 | 1.0 m    | Equigranular grey - light grey medcoarse       |             |      |    |                    |  |          |   |  |
|       |       |          | crystalline with f. crystalline disseminated   | <del></del> |      |    |                    |  | <u> </u> |   |  |
|       |       |          | tourm. throughout, traces of pyrite            |             |      |    |                    |  |          |   |  |
|       |       |          | Feldspar 65% Musc. 11%                         |             |      |    |                    |  |          |   |  |
|       |       |          | Qtz. 20% Tourm. 4%                             | 4 0         |      |    |                    | ·                                      |          |   |  |
|       |       | -        | Pyrite tr.                                     |             |      |    |                    |  |          | ļ |  |
|       |       |          |  |             |      |    |                    |  |          |   |  |
| 173.3 | 175.0 | 1.7 m    | Aldridge metasediments grey v. f. gr. biotite  |             |      |    |                    |  |          |   |  |
|       |       |          | micaceous with foliation relict bedding places |             |      |    |                    |  |          |   |  |
|       |       |          | 040 <sup>0</sup> to core axis                  |             |      |    |                    |  |          |   |  |
|       |       |          |  |             |      |    |                    |  |          |   |  |

| PROPERTYH | ELLROARING CREEK |  |
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| DIP TEST |              |           |  |  |  |  |  |
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|          | Angle        |           |  |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |  |
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|          | <del> </del> |           |  |  |  |  |  |
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| Hole No. 86-13 Sheet No. 14 | Lat          | Total Depth             |
|-----------------------------|--------------|-------------------------|
| Section                     | Dep          | Logged By               |
| Date Begun                  | Bearing      | Core Size 3.5 cm (B.Q.) |
| Date Finished               | Elev. Collar | Core Size 3.5 CM (B.U.) |
| Date Logged                 |              |                         |

| FROM  | TO    | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM     | то       | WIDTH<br>OF SAMPLE |       |      |
|-------|-------|----------|--|------------|----------|----------|--------------------|-------|------|
| 175.0 | 176 D | 1.0 m    | Block to equigranular light grey coarse to med.              |            |          |          |                    |       |      |
|       |       |          | crystalline, traces of med. crystalline garnet               |            |          |          |                    |       |      |
|       |       |          |  |            | ļ        |          |                    |       |      |
|       |       |          | Feldspar 60% Musc. 15%                                       |            | ļ        |          |                    |       |      |
|       |       |          | Otz. 25% Garnet tr.  | 0 0        |          |          |                    |       |      |
| 176.0 | 180.6 | 4.6 m    | Aldridge metasediments grey-dark grey v. f. gr.              |            |          |          |                    |       |      |
|       |       |          | biotite micaceous heavily iron Fe stained on                 |            | ļ        | ļ        |                    |       |      |
|       |       |          | some fracture faces, relic bedding plane 040 <sup>0</sup> to |            |          | <b>-</b> |                    |       |      |
| -     |       |          | core axis  |            | <u> </u> |          |                    |       |      |
|       |       |          | E.O.H.   |            |          |          |                    |       |      |
|       |       |          |  |            |          |          |                    |       |      |
|       |       |          |  |            | <u> </u> |          |                    |       |      |
|       |       |          |  |            | ļ.       |          |                    |       |      |
|       |       |          |  |            | ļ        |          |                    | <br>  |      |
|       |       |          |  |            |          |          |                    |       | <br> |
|       |       |          |  |            |          |          |                    |       | -    |
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|       |       |          |  |            |          |          |                    |       |      |
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| PROPERTY HELLROARIN | NG CREEK |
|---------------------|----------|
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HOLE No. DDH 86-14

| DIP TEST |              |           |  |  |  |  |  |  |  |
|----------|--------------|-----------|--|--|--|--|--|--|--|
|          | Angle        |           |  |  |  |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |  |
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| Hole No. 86    | -14  | _ She | et No1_      |  |
|----------------|------|-------|--------------|--|
| Section 0+25   |      |       |              |  |
| Date Begun     | Oct. | 1,    | 198 <u>6</u> |  |
| Date Finished. | Oct. | 2,    | 1986         |  |
| Date Logged    |      |       |              |  |

| Lat                 |
|---------------------|
| Dep                 |
| Bearing Vertical    |
| Elev. Collar 1670 m |

Total Depth 39.0 m
Logged By D.H.
Claim Core Size 3.5 cm (B.Q.)

| DEF  | TO   | RECOVERY |                                | DESCR  | IPTION       |             | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |          |   |  |
|------|------|----------|--------------------------------|--|--------------|-------------|------------|----------|----|--------------------|----------|---|--|
| 2.0  | 9.8  |          | Block grey-li                  | ght grey coa   | rse crystall | ine, clean  | v.f.f. m~  |          |    |                    |          |   |  |
|      |      |          | micaceous, fr                  | ractured thro  | ughout, trac | es of med.  |            |          |    |                    |          |   |  |
|      |      |          | crystalline t                  | ourm., trace   | s of light F | e staining. |            |          |    |                    |          |   |  |
|      |      |          |                                |  |              |             |            |          |    |                    |          |   |  |
|      |      |          | Feldspar                       | 52%  | Musc.        | 8%          |            |          |    |                    |          |   |  |
|      |      |          | Qtz.                           | 40%  | Tourm.       | tr.         | tr.        |          |    |                    |          |   |  |
| 9.8  | 14.7 |          | Block equigra<br>moderate Fe s | Block equigranular grey-light grey light to moderate Fe staining with f. crystalline |              |             |            |          |    |                    |          |   |  |
|      |      |          | disseminated                   | tourm. throu   | ghout and oc | casional    |            |          |    |                    |          | / |  |
|      |      |          | med. crystall                  | ine tourm.   |              |             |            |          |    |                    |          |   |  |
|      |      |          | Feldspar                       | 60%  | Musc.        | 10%         |            |          |    |                    | -        |   |  |
|      |      |          | Qtz.                           | 25%  | Tourm.       | 5%          | 5 tr.      |          |    |                    |          | / |  |
| 14.7 | 19.4 |          | Block grey, g                  | se   |              |             |            |          |    |                    |          |   |  |
|      |      |          | staining coar                  | se crystalli   | ne fractured | throughout  | <u> </u>   | <u> </u> |    |                    | <br>ļ    |   |  |
|      |      |          | v. coarse cry                  | stalline tou   | rm. from 16. | 6-16.9 m    |            |          |    |                    | <br>     |   |  |
|      |      |          | traces of dis                  | seminated to   | urm.         |             |            |          |    |                    |          |   |  |
|      |      |          | Feldspar                       | 50%  | Musc.        | 12%         |            |          |    |                    | <u> </u> |   |  |
|      |      |          | Qtz.                           | 37%  | Tourm.       | tr-1%       | tr. tr.    |          |    |                    |          |   |  |

| PROPERTY_ | HELLROARING | CREEK |
|-----------|-------------|-------|
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| HOLE |     | DDH 86-14 |
|------|-----|-----------|
| NULE | Mo. |           |

|         | DIP TEST      |  |  |  |  |  |  |  |  |  |  |
|---------|---------------|--|--|--|--|--|--|--|--|--|--|
|         | Angle         |  |  |  |  |  |  |  |  |  |  |
| Footage | otage Reading |  |  |  |  |  |  |  |  |  |  |
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| Hole No. 86-14 Sheet No. 2 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE!  | TO   | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то       | WIDTH<br>OF SAMPLE |       |          |   |
|------|------|----------|---|------------|------|----------|--------------------|-------|----------|---|
| 19.4 | 20.9 |          | Equigranular grey-grey brown light manganese        |            |      |          |                    |       |          |   |
|      |      |          | staining med., coarse crystalline with f            |            |      |          |                    |       |          |   |
|      |      |          | v.f. crystalline disseminated tourm.                |            |      |          |                    |       |          |   |
|      |      |          |   |            |      |          |                    |       | ļ        |   |
|      |      |          | Feldspar 55% Musc. 5%                               |            |      |          | ļ                  | <br>ļ | <u> </u> |   |
|      |      |          | Qtz. 37% Tourm. 3%                                  | 3          |      |          |                    |       | ļ        |   |
| 00.0 | 00.0 |          |   |            | ļ    |          |                    |       |          |   |
| 20.9 | 22.3 |          | Equigranular to block light grey-grey coarse-       | <u> </u>   |      |          |                    | ļ     |          | ļ |
|      |      |          | med. crystalline, some light manganese              |            |      | ļ        |                    |       |          |   |
|      |      |          | staining, micaceous coarse crystalline tourm.       |            |      |          |                    |       |          |   |
|      |      |          | from 22.1 to 22.3 m                                 |            | ļ    | <u> </u> |                    |       |          |   |
|      |      |          | Feldspar Musc.                                      |            |      |          |                    |       |          |   |
|      |      |          | Qtz. Tourm. tr.                                     | tr.        |      |          |                    |       | ,        |   |
|      |      |          |   |            | ·    |          | <b></b>            | <br>ļ |          |   |
| 22.3 | 23.3 |          | Aplite light grey fmed. crystalline, scattered      | 1          |      |          |                    |       | <u> </u> |   |
|      |      | -        | Fe stain, fractured, fv.f. disseminated             |            |      |          |                    |       | <u> </u> |   |
|      |      |          | tourm. throughout scattered med. crystalline tourm. |            |      |          |                    | <br>  |          |   |
|      |      |          |   |            |      |          |                    |       |          |   |
|      |      |          | Feldspar 60% Musc. 3%                               |            |      |          |                    |       |          |   |
|      |      |          | Qtz. 29% Tourm. 8%                                  | 7 1        |      |          |                    |       |          |   |

| PROPERTY. | HELLROARING | CREEK |
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|         | DIP TEST     |           |  |  |  |
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|         |              | gle       |  |  |  |
| Footage | Reading      | Corrected |  |  |  |
|         | ļ            |           |  |  |  |
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|         |              |           |  |  |  |
|         |              |           |  |  |  |

| Hole No. 86-14 Sheet No. 3 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM     | TO TO | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM       | то      | WIDTH<br>OF SAMPLE |   |          |  |
|----------|-------|----------|--|------------|------------|---------|--------------------|---|----------|--|
| 23.3     | 27.2  |          | Block grey-light grey scattered Fe staining    |            |            |         |                    |   |          |  |
|          |       |          | throughout, coarse crystalline fractured       |            |            |         |                    |   |          |  |
|          |       |          | throughout, traces of medcoarse crystalline    |            | ļ          |         |                    |   |          |  |
| <u></u>  |       |          | tourm traces of manganese staining.            |            |            |         |                    |   |          |  |
| <u> </u> |       |          |  | <b>.</b>   | ļ          |         | ·                  |   |          |  |
|          |       |          | Feldspar 55% Musc. 10%                         |            | <u> </u>   |         |                    |   |          |  |
| <u> </u> |       |          | Qtz. 35% Tourm. tr.                            | tr.        |            |         |                    | ļ |          |  |
| -        |       |          |  |            | ļ          |         |                    |   |          |  |
| 27.2     | 28.5  | ?        | Aplite light grey-grey brown fv.f. crystalline | <u> </u>   | ļ <u>.</u> |         |                    |   | <u> </u> |  |
|          |       | Fault    | with fine crystalline tourm. disseminated      |            | ļ          |         |                    |   | <u> </u> |  |
|          |       | 028.5-   | throughout, traces of manganese stain.         |            |            |         |                    |   |          |  |
|          |       | 28.8     |  |            | <u> </u>   | <u></u> |                    |   |          |  |
|          |       |          | Feldspar 58% Musc. 4%                          | ļ.,        |            |         |                    |   |          |  |
|          |       |          | Qtz. 30% Tourm. 8%                             | 8          |            |         |                    |   | ,        |  |
| 28.5     | 30.5  | ?        | Block grey-light grey coarse crystalline with  |            |            | ļ<br>!  |                    |   |          |  |
|          |       | Fault    | occasional coarse-med. tourm. crystals         |            |            |         |                    |   |          |  |
|          |       | 028.5    | fractured throughout quartz muscovite.         |            |            |         |                    | 1 |          |  |
|          |       | @20.J    | Tractured throughout quartz muscovice.         |            |            |         |                    | · |          |  |
|          |       |          | Feldspar 43% Musc. 12%                         |            |            |         | ·                  |   |          |  |
|          |       |          | Qtz. 45% Tourm. tr1%                           | tr.        |            |         |                    |   |          |  |

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| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |                  |  |  |  |
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|         | An           | gle<br>Corrected |  |  |  |
| Footage | tage Reading |                  |  |  |  |
|         |              |                  |  |  |  |
|         |              |                  |  |  |  |
|         |              |                  |  |  |  |
|         |              |                  |  |  |  |
|         |              |                  |  |  |  |
|         | <u> </u>     |                  |  |  |  |

| Hole No. 86-14 Sheet No. 4 | Lat.         | Total Depth             |
|----------------------------|--------------|-------------------------|
| Section                    | Dep          | Logged By               |
| Date Begun                 | Bearing      | Claim                   |
| Date Begun Oct. 2, 1986    | Elev. Collar | Core Size 3.5 cm (B.Q.) |
| Date Logged                |              |                         |

| FROM | PTH<br>TO | RECOVERY                              | DESCRIPTION                                      | SAMPLE No. | FROM | то          | WIDTH<br>OF SAMPLE |         |        |         |        |
|------|-----------|---------------------------------------|--|------------|------|-------------|--------------------|---------|--------|---------|--------|
| 30.5 | 32.9      | · · · · · · · · · · · · · · · · · · · | Equigranular v. light grey med. crystalline with |            |      |             |                    |         |        |         |        |
| ļ    | ļ         |                                       | minor amounts of med. crystalline tourm. with    |            |      |             |                    |         |        |         |        |
|      |           |                                       | v.f. disseminated tourm. throughout, scattered   |            |      |             |                    |         |        |         |        |
| -    |           |                                       | Fe staining.                                     |            |      |             |                    |         |        |         |        |
|      |           |                                       | Feldspar 63% Musc. 2%                            |            |      |             |                    |         |        |         |        |
|      |           |                                       | Qtz. 25% Tourm. 9%                               | 6 3        |      |             |                    |         |        |         |        |
| 32.9 | 37.0      |                                       | Block light grey-grey coarse-med. crystalline    |            |      |             |                    |         |        |         |        |
|      |           |                                       | shear zones, intervals of v.f. crystalline       |            |      |             |                    |         |        |         |        |
|      |           |                                       | disseminated tourm. scattered Fe staining.       |            |      |             |                    |         |        |         |        |
|      |           |                                       | Feldspar 55% Musc. 7%                            |            |      | <del></del> |                    |         |        | 1       |        |
|      |           |                                       | Qtz. 33% Tourm. 5%                               | 5          |      |             |                    |         |        |         |        |
|      |           |                                       |  | #3         | 38.1 | -38.        | 25                 |         |        |         |        |
| 37.0 | 39.0      |                                       | Aplite white, fmed. crystalline light Fe         | #4         | 38.2 | 38.         | 35 f. crys         | talline | disser | ninated | tourm. |
|      |           |                                       | staining, f. crystalline disseminated tourm.     | #4         | 38.4 | )<br>       | f. crys            | talline | dissen | ninated | tourm. |
|      |           |                                       | throughout.                                      |            |      |             |                    |         |        |         |        |
|      |           |                                       | Feldspar 70% Musc. 5%                            |            |      |             |                    |         |        |         |        |
|      |           |                                       | Qtz. 20% Tourm. 5%                               | 5 0        |      |             |                    |         |        |         |        |

| PROPERTY_ | HELLROARING | CREEK |
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|         | DIP TEST                       |  |  |  |  |  |
|---------|--------------------------------|--|--|--|--|--|
|         | Angle Footage Reading Corrects |  |  |  |  |  |
| Footage |                                |  |  |  |  |  |
|         |                                |  |  |  |  |  |
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| Hole No. 86-15 Sheet No. 1  | Lat                 |
|-----------------------------|---------------------|
| DI (OLOFNI                  |                     |
| Date Begun Oct. 8, 1986     | Dep                 |
| Date Finished Oct. 11, 1986 | Elev. Collar 1719 m |
| Date Logged                 | •                   |

| Total Depth | 84  | 4.5 | m      |
|-------------|-----|-----|--------|
| Logged By_  | D.  | н.  |        |
| Claim       |     |     |        |
| Core Size   | 3.5 | cm  | (B.Q.) |

| FROM | TO TO | RECOVERY | DESCRIPTION                                   | SAMPLE No. | FROM  | то  | WIDTH<br>OF SAMPLE |              |          |   |  |
|------|-------|----------|---|------------|-------|-----|--------------------|--------------|----------|---|--|
| 2.2  | 23.7  |          | Block grey-red brown heavy-med. Fe staining   | TOURM %    | C     |     |                    |              |          |   |  |
|      |       |          | coarse crystalline with massive quartz zones, | #2         | 3.4   | 3.7 | Fe staine          | d            |          |   |  |
|      |       |          | fractured throughout, traces of manganese     |            |       |     |                    |              |          |   |  |
|      |       |          | staining. Shear zone 3.5-4 m.                 |            |       |     |                    |              |          |   |  |
|      |       |          | Feldspar 60% Musc. 7%                         |            |       |     |                    |              | <u> </u> |   |  |
|      |       |          | Qtz. 33%                                      | 0 0        |       |     |                    |              |          |   |  |
| 23.7 | 28.7  |          | Equigranular v. light grey-white medf.        |            |       |     |                    |              |          |   |  |
|      |       |          | crystalline fractured in part with scattered  |            |       |     |                    |              |          |   |  |
|      |       |          | heavy to moderate Fe staining, manganese      |            |       |     |                    |              |          |   |  |
|      |       |          | staining on fracture faces. Shear zone        |            |       |     |                    |              |          |   |  |
|      |       |          | 23.4-23.7 m, graphic granite 28.2-28.5 m.     | <u> </u>   |       |     |                    |              | <u> </u> |   |  |
|      |       | ,        | Feldspar 52% Musc. 7%                         |            |       |     |                    |              |          | / |  |
|      |       | -        | Qtz. 41% Manganese tr.                        | 0 0        |       |     |                    | <del> </del> |          |   |  |
| 28.7 | 37.9  |          | Equigranular to graphic white-v. light grey   | #2         | 34.83 | 34. | 9                  |              |          |   |  |
|      |       |          | fmed. crystalline, intervals of v.f.          |            |       |     |                    |              |          |   |  |
|      |       |          | crystalline, disseminated tourm. light Fe     |            |       |     |                    |              |          |   |  |
|      |       |          | staining with areas of manganese staining     |            |       |     |                    |              |          |   |  |

|  | PROPERTY | HELLROARING CREEK |  |
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|         | DIP TEST     |           |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|
| Angle   |              |           |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |
|         | 1            |           |  |  |  |  |  |  |  |
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|         | <b></b>      |           |  |  |  |  |  |  |  |
|         | 1            | l         |  |  |  |  |  |  |  |

| Hole No Sheet No 2 | Lat          | Total Depth |
|--------------------|--------------|-------------|
| Section            | Dep          | Logged By   |
| Date Begun         | Bearing      | Claim       |
| Date Finished      | Elev. Collar | Core Size   |
| Onto Longod        |              |             |

| DEPTH RECOVERY |       |          |  | ······································ |                                       |                                       |  |              |              | WIOTH              | <br>r |             |          |
|----------------|-------|----------|--|--|---------------------------------------|---------------------------------------|--|--------------|--------------|--------------------|-------|-------------|----------|
| FROM           | ТО    | RECOVERY |  | DESCR                                  | IPTION                                |                                       | SAMPLE No.                                       | FROM         | то           | WIDTH<br>OF SAMPLE |       |             |          |
|                |       |          | Feldspar   | 47%                                    | Muscovite                             | 9%                                    |  |              |              |                    |       |             |          |
|                |       |          | Qtz.   | 39%                                    | Tourm.                                |                                       | 4 0  |              |              |                    |       |             |          |
|                |       |          | Manganese  | tr-1%                                  |                                       |                                       |  |              |              |                    |       |             |          |
|                |       |          |  |  |                                       |                                       |  |              |              |                    |       |             |          |
|                |       |          |  | ······································ |                                       |                                       |  |              | ·            |                    |       |             |          |
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|                |       |          |  |  |                                       | · · · · · · · · · · · · · · · · · · · |  | 1            |              |                    |       |             |          |
|                |       |          |  |  | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |  |              |              | <b>†</b>           |       | ,           |          |
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|                |       |          | Control of the contro |  |                                       |                                       | <del>                                     </del> | -            |              |                    |       |             |          |
|                |       | `        | A  |  |                                       |                                       |  | <b> </b>     |              |                    |       |             |          |
|                |       |          |  |  |                                       |                                       |  |              |              |                    |       |             |          |
|                |       |          |  |  |                                       |                                       |  |              |              |                    |       |             |          |
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|                | لحيصت | LL       |  | ···.                                   |                                       |                                       | <u> </u>   | L            | L            | <u>L</u>           | <br>L |             | <u> </u> |

| PROPERIT | PROPERTY_ | HELLROARING CREEK |  |
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| HOLE No.    | DDH | 86-15 |  |
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|         | DIP TEST     |           |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|
|         | Angle        |           |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |
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| Hole No. 86-15 Sheet No. 3 | Lat.                      | Total Depth             |
|----------------------------|---------------------------|-------------------------|
| Section                    | Dep                       | Logged By               |
| Date Begun                 | Bearing                   | Claim                   |
| Date Finished              | Elev. Collar_1719_m/5640! | Core Size 3.5 cm (B.Q.) |
| Date Logged                |                           |                         |

| DE F<br>FROM |      | RECOVERY | DESCRIPTION   | SAMPLE I | la FROI | то       | WIDTH<br>OF SAMPLE |         |   |   |
|--------------|------|----------|---|----------|---------|----------|--------------------|---------|---|---|
| 37.9         | 40.0 |          | Block to equigranular, v. light grey to light   |          |         | <u> </u> |                    |         |   |   |
|              |      |          | Grey brown scattered light Fe staining, intervals of v.f. crystalline disseminated tourm. aplitic |          |         |          |                    |         |   |   |
|              |      |          | intervals @ 38.6-38.8, 39.4 & 39.7 m.   |          |         |          |                    |         |   |   |
|              |      |          | Feldspar 55% Musc. 12%  |          |         |          |                    |         |   |   |
|              |      |          | Qtz. 30% Tourm. 3%  | 3 0      |         |          |                    |         |   |   |
|              |      |          | Manganese tr.   |          |         |          |                    |         |   |   |
| 40.0         | 54.9 |          | Block to equigranular, light grey-grey brown  |          |         |          |                    |         |   |   |
|              |      |          | coarse-med. crystalline, traces of f.   |          |         |          |                    |         |   |   |
|              |      |          | crystalline tourm., scattered moderate manganese  |          |         |          |                    |         |   |   |
|              |      |          | staining occasional med. crystalline tourm.,  |          |         |          |                    |         |   |   |
|              |      |          | traces of Fe staining, manganese staining and   |          |         |          |                    | <u></u> | , | ļ |
|              |      |          | pyrrhotite.   |          |         | <u> </u> |                    |         |   |   |
|              |      |          | Feldspar 60% Musc. 12%  |          |         |          | ·                  |         |   |   |
|              |      |          | Otz. 27% Tourm. tr-1% Garnet tr. Manganese tr.  | 1 tr     | •       |          |                    |         |   |   |
|              |      |          |   |          |         |          |                    |         |   |   |
|              | į    | ļ        |   |          |         |          |                    |         |   |   |

| PROPERTY | HELLROARING CREEK |
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|         | DIP TEST |           |                                   |                     |                    |
|---------|----------|-----------|-----------------------------------|---------------------|--------------------|
|         | An       | gle       |                                   |                     |                    |
| Footoge | Reading  | Corrected | Hole No. <u>86-15</u> Sheet No. 4 | Lot                 | Total Depth        |
|         |          |           | Section                           | Dep                 | Logged By          |
|         |          |           | Date Begun                        | •                   | •                  |
|         |          |           | Date Finished                     | Bearing1719 m/5640' | Core Size 3.5 CM ( |
|         |          |           | Date Logged                       |                     |                    |

|              |          |          |   | Date                                   | Logged         |  | <del>-</del> |      |    |                    |      |   |  |
|--------------|----------|----------|---|--|----------------|--|--------------|------|----|--------------------|------|---|--|
| DE!          | TH<br>TO | RECOVERY |   | DESCR                                  | PTION          |  | SAMPLE No.   | FROM | TO | WIDTH<br>OF SAMPLE |      |   |  |
| 5 <b>4.9</b> | 57.4     |          | Equigranular                            | · v. light gre                         | y medf. crys   | talline                                |              |      |    |                    |      |   |  |
| :            |          |          |   |  | e staining int |  |              |      |    |                    |      |   |  |
|              |          | ′        |   |  | feldspar trace |  |              |      |    |                    |      |   |  |
|              |          |          |   | disseminated                           |                |  |              |      |    |                    |      |   |  |
|              |          |          |   |  | ·              |  |              |      |    |                    |      |   |  |
|              |          |          | Feldspar                                | 68%                                    | Musc.          | 7%                                     |              |      |    |                    | _    |   |  |
|              |          |          | Qtz.                                    | 25%                                    | Tourm.         | tr.                                    | tr.          |      |    |                    |      |   |  |
|              |          |          |   |  |                |  |              |      |    |                    |      |   |  |
|              |          |          |   |  |                |  |              |      |    |                    |      |   |  |
|              |          |          |   |  |                |  | <u> </u>     |      |    | -                  |      |   |  |
|              |          |          |   | ······································ |                |  |              |      |    |                    |      |   |  |
|              |          |          |   |  |                |  |              |      |    |                    |      |   |  |
|              |          |          |   |  |                | ······································ |              |      |    |                    |      |   |  |
|              |          |          |   |  |                |  |              |      |    |                    |      | 1 |  |
|              |          |          |   | ····                                   | <del></del>    |  | <u> </u>     |      |    |                    | <br> |   |  |
|              |          |          |   |  |                | ······································ | <b> </b>     |      |    |                    |      |   |  |
|              |          |          |   |  |                |  |              |      |    |                    |      |   |  |
|              |          |          |   |  |                | <del></del>                            |              |      |    |                    | <br> | , |  |
|              |          |          | ···                                     |  |                |  |              |      |    |                    |      |   |  |
|              |          |          | *************************************** | ······································ |                | · · · · · · · · · · · · · · · · · · ·  |              |      |    |                    |      |   |  |
|              |          |          |   |  |                |  |              |      |    |                    |      |   |  |

| PROPERTY HELLROARING CREEK |
|----------------------------|
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| DIP TEST     |           |  |  |  |  |  |  |  |
|--------------|-----------|--|--|--|--|--|--|--|
| Angle        |           |  |  |  |  |  |  |  |
| Reading      | Corrected |  |  |  |  |  |  |  |
|              |           |  |  |  |  |  |  |  |
|              |           |  |  |  |  |  |  |  |
|              |           |  |  |  |  |  |  |  |
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|              | An        |  |  |  |  |  |  |  |

| Hole No. 86-15 Sheet No. 5 | Lat          | Total Depth             |
|----------------------------|--------------|-------------------------|
| Section                    | Dep          | Logged By               |
| Date Begun                 | Bearing      | Claim 2 5 cm (P.O.)     |
| Date Finished              | Elev. Collar | Core Size 3.5 cm (B.Q.) |
| Date Logged                |              |                         |

| FROM | TO   | RECOVERY | DESCRIPTION   | AMPLE No.                             | FROM | то | WIDTH<br>OF SAMPLE |   |          |              |  |
|------|------|----------|---|---------------------------------------|------|----|--------------------|---|----------|--------------|--|
|      | 65.5 |          | Equigranular to block light grey-v. light grey  |                                       |      |    |                    |   |          |              |  |
|      |      |          | med. to coarse crystalline, intervals of f.   |                                       |      |    |                    |   |          |              |  |
|      |      |          | crystalline aplite, v.f. crystalline tourm.   |                                       |      |    |                    |   |          |              |  |
|      |      |          | disseminated throughout, scattered light to   |                                       |      |    |                    | <del> </del>                            |          |              |  |
|      |      |          | moderate Fe staining and manganese staining   |                                       |      |    |                    |   |          |              |  |
|      |      |          | fractured in part.  |                                       |      |    |                    |   |          |              |  |
|      |      |          |   |                                       |      |    |                    |   |          |              |  |
|      |      |          | Feldspar 60% Musc. 5%   |                                       |      |    |                    |   |          |              |  |
|      |      |          | Qtz. 29% Tourm. 6% 6  | 6 0                                   |      |    |                    | *************************************** |          | <u> </u><br> |  |
| 65.5 | 72.2 |          | Block, white light Fe staining throughout   |                                       | ·    |    |                    |   |          |              |  |
|      |      |          | coarse crystalline with intervals of aplitic type rock with disseminated v.f. crystalline |                                       |      |    |                    |   |          |              |  |
|      |      |          | tourm., minor amounts of coarse crystalline   |                                       |      |    |                    |   |          | <i>'</i>     |  |
|      |      |          | tourm. from 69.8-70 m. Fractured throughout   |                                       |      |    |                    |   |          |              |  |
|      |      | -        | scattered manganese staining.   | · · · · · · · · · · · · · · · · · · · |      |    |                    |   |          |              |  |
|      |      |          | Feldspar 55% Musc. 8%   |                                       |      |    |                    |   |          |              |  |
|      |      |          | Qtz. 34% Tourm. 3%  | 3 tr.                                 |      |    | !                  |   | <u> </u> | ļ            |  |
| 72.2 | 73.6 |          | Shear zone, block zone quartz, feldspar   |                                       |      |    |                    |   |          |              |  |
|      |      |          | rubble, heavily Fe stained.   |                                       |      |    |                    |   |          |              |  |

| PROPERTY_ | HELLROARING | CREEK |
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|         | DIP TEST |           |  |  |  |  |  |
|---------|----------|-----------|--|--|--|--|--|
|         | Angle    |           |  |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         | <b></b>  |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |
|         |          |           |  |  |  |  |  |

| Hole No. 86-15 Sheet No. 6 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                | •            |             |

| DE FROM |      | RECOVERY |  | DESCR   | IPTION       |            | SAMPLE I | FROM | то       | WIDTH<br>OF SAMPLE |          |              |          |    |
|---------|------|----------|--|---|--------------|------------|----------|------|----------|--------------------|----------|--------------|----------|----|
| 73.6    | 76.0 |          | Equigranular                                 | grey brown h                                    | neavily Fe s | tained.med |          |      |          |                    |          |              |          |    |
|         |      |          |  | . crystalline highly fractured brecciated?      |              |            |          |      |          |                    |          |              |          |    |
|         |      |          | v.f. crystal                                 | v.f. crystalline disseminated tourm., scattered |              |            |          |      |          |                    |          | ļ            |          |    |
|         |      |          | manganese st                                 | aining.   |              |            |          | _    |          |                    |          |              |          |    |
|         |      |          | Feldspar                                     | 50%   | Musc.        | 20%        |          |      |          |                    |          |              |          |    |
|         |      | ,        | Qtz.   | 28%   | Tourm.       | 2%         | 2 0      |      |          |                    |          |              |          |    |
|         |      |          |  | ······································          |              |            |          |      | ļ        |                    | t<br>    | <u> </u>     | <u> </u> | ļi |
| 76.0    | 77.9 |          | Equigranular                                 | v. light gre                                    | ey medf. c   | rystalline | <b> </b> | _    |          | <u> </u>           | <u> </u> | <del> </del> | <u> </u> | -  |
|         |      |          | with v.f. cr                                 | ystalline tou                                   | urm. dissemi | nated      |          |      | ļ        |                    | ļ        |              | <u> </u> | ļ  |
|         |      |          | throughout a                                 | nd intervals                                    | of med. cry  | stalline   |          |      | <u> </u> |                    |          |              |          |    |
|         |      |          | tourm., trace                                | es of garnet.                                   |              |            |          | _    | <u> </u> |                    |          |              |          |    |
|         |      |          | Feldspar                                     | 45%   | Musc.        | 8%         |          |      |          |                    |          |              | ,        |    |
| -       |      |          | Qtz.   | 41%   | Tourm.       | 6%         | 5 1      |      |          |                    |          |              |          |    |
| 77.9    | 78.5 | -        | Equigranular                                 | Equigranular grey brown heavily Fe stained      |              |            |          |      |          |                    |          |              |          |    |
|         |      |          | med. crystalline, traces of v.f. crystalline |   |              |            |          |      |          |                    |          |              |          |    |
|         |      |          | disseminated                                 | tourm.  |              |            |          |      | <b> </b> | ļ                  |          | <u> </u>     | ļ        | ļ  |
|         |      |          | Feldspar                                     | 45%   | Musc.        | 12%        |          |      |          |                    |          |              |          |    |
|         |      |          | Qtz.   | 40%   | Tourm.       | 3%         | 2 1      |      |          |                    |          |              |          |    |

| PROPERTY | HELLROARING                             | CREFK    |  |
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|         | DIP TEST     |           |                            |              |             |
|---------|--------------|-----------|----------------------------|--------------|-------------|
|         | An           | gle       | 200.15                     |              |             |
| Footage | Reading      | Corrected | Hole No. 86-15 Sheet No. 7 | Lot          | Total Depth |
|         | <del> </del> |           | Section                    | Dep          | Logged By   |
|         |              |           | Date Begun                 | Bearing      | Claim       |
|         |              |           | Date Finished              | Elev. Collar | Core Size   |
| L       | <u></u>      | l         | Date Logged                |              |             |

| DE!     | PTH<br>TO | RECOVERY | DESCRIPTION            | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |          | ,    |  |
|---------|-----------|----------|------------------------|------------|------|----|--------------------|---|----------|------|--|
| 78.5    | 81.2      |          | Aldridge metasediments |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
| <b></b> |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    | - |          |      |  |
|         |           |          |                        |            | ļ    |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         | <u> </u>  |          |                        |            |      |    |                    |   | <u> </u> |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
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|         |           |          |                        |            |      |    |                    |   |          | <br> |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      |    |                    |   | ,        |      |  |
|         |           |          |                        |            |      |    |                    |   |          |      |  |
|         |           |          |                        | <u> </u>   |      |    |                    |   |          |      |  |
|         |           |          |                        |            |      | L  |                    |   |          |      |  |

| HELLROARING CREEK               | HOLE N       | DDH 86-15        |
|---------------------------------|--------------|------------------|
|                                 |              |                  |
| cted Hole Ne. 86-15 Sheet Ne. 8 | Lat          | Total Depth 84.5 |
| Section                         | Dep          | Logged By        |
| Date Begun                      | Bearing      | Claim            |
| Date Finished                   | Elev. Collar | Core Size        |
| _                               | Section      |                  |

|              | Date Logged |          |                       |               |                                       |  |              |              |                    |             |              |             |   |
|--------------|-------------|----------|-----------------------|---------------|---------------------------------------|--|--------------|--------------|--------------------|-------------|--------------|-------------|---|
| DE I<br>FROM | TO          | RECOVERY |                       | DESCRIPTION   |                                       | SAMPLE No.                                       | FROM         | то           | WIDTH<br>OF SAMPLE |             |              |             |   |
|              | 83.1        |          | Block white coarse-v. | coarse crysta | lline quartz                          |  |              |              |                    |             |              |             |   |
|              |             |          | muscovite light Fe st |               |                                       |  |              |              |                    |             |              |             |   |
|              |             |          |                       |               |                                       |  |              |              |                    |             |              |             |   |
| ····         |             |          | Feldspar 23%          | Musc.         | 12%                                   |  |              |              |                    |             |              |             |   |
|              |             |          | Qtz. 65%              | Tourm.        | tr.                                   | tr.  |              |              |                    | ·           |              |             |   |
|              |             |          |                       |               |                                       |  |              | <br>         |                    |             |              |             |   |
| 1            | 84.5        |          | Aldridge metasedimen  | ts            |                                       | ļ  |              |              |                    | <u> </u>    | <b></b>      |             |   |
|              | ЕОН         |          |                       |               |                                       |  | ļ            | <b></b>      |                    |             | ļ            | ,           |   |
|              |             |          |                       |               | E.O.H.                                |  | ļ            | <u> </u>     |                    |             |              |             |   |
|              |             |          |                       |               |                                       |  | <b> </b>     | <u> </u>     |                    |             | <del> </del> |             |   |
|              |             |          |                       |               |                                       |  | -            |              |                    |             |              |             |   |
|              |             |          |                       |               |                                       |  | 1            |              |                    |             |              |             |   |
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|              |             |          |                       | <del></del>   | · · · · · · · · · · · · · · · · · · · | <del>                                     </del> |              |              |                    |             |              |             |   |
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|              |             | ·        |                       |               |                                       |  | <u> </u>     |              |                    |             | ·            |             |   |
|              |             |          |                       |               |                                       |  | <b></b>      |              |                    |             |              |             |   |
|              |             |          |                       |               |                                       |  |              |              |                    |             |              |             |   |
|              |             |          |                       |               |                                       |  |              |              |                    |             |              |             |   |
|              |             |          |                       |               |                                       | <u> </u>   | L            | L            |                    |             | <u> </u>     | I           | L |

| PROPERTY | <u>HELLROARING</u> | CREEK |
|----------|--------------------|-------|
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HOLE No. DDH 86-16

|         | DIP TEST  |           |  |  |  |
|---------|-----------|-----------|--|--|--|
|         | Angle     |           |  |  |  |
| Footage | Reading   | Corrected |  |  |  |
|         |           |           |  |  |  |
|         |           |           |  |  |  |
|         | ļ <u></u> |           |  |  |  |
|         |           |           |  |  |  |
|         |           |           |  |  |  |
|         | L         |           |  |  |  |

| Hole No. 86-16        | Sheet No1 |
|-----------------------|-----------|
| Section BL/0+25N Oct. | '85 grid  |
| Date Begun Oct.       | 11, 1986  |
|                       | 16, 1986  |
| Date Longed           | •         |

| Lat                 |             |
|---------------------|-------------|
| Dep                 |             |
|                     | <del></del> |
| Elev. Collar 1719 m |             |

Total Depth B4.7 m

Logged By D.H.

Claim Core Size 3.5 cm (B.Q.)

| DEPTH RECOVERY WIDTH |      |          |   |                      |      |    | WIOTH     |             | Υ        | <del>,                                      </del> | T        |
|----------------------|------|----------|---|----------------------|------|----|-----------|-------------|----------|--|----------|
| FROM                 | ТО   | RECOVERY | DESCRIPTION                                       | SAMPLE No.           | FROM | TO | OF SAMPLE |             |          |  |          |
| 2.3                  | 8.5  |          | Equigranular poorly developed white, brown        | TOURM %<br>V.f.f. m- | c    |    |           |             |          |  |          |
|                      |      |          | tint from light Fe staining throughout, med       |                      |      |    |           |             |          | ·  |          |
|                      |      |          | coarse crystalline intervals of f. crystalline    |                      |      |    |           |             |          |  |          |
|                      |      |          | disseminated tourm., scattered manganese staining | 9.                   |      |    |           |             |          |  |          |
|                      |      |          | Feldspar 55% Musc. 8%                             |                      |      |    |           |             |          |  |          |
|                      |      |          | Qtz. 35% Tourm. 1-2%                              | 1-2 0                |      |    |           |             |          |  |          |
| 8.5                  | 17.5 |          | Block white red brown tint from light Fe          |                      |      |    |           |             |          |  |          |
|                      |      |          | staining, coarse crystalline, occasional med.     |                      |      |    |           |             |          |  |          |
|                      |      |          | crystalline tourm., traces of garnet,             |                      |      |    |           |             |          |  |          |
|                      |      |          | scattered manganese staining, fractured in        |                      | i    |    |           |             |          |  |          |
|                      |      |          | part.   |                      |      |    |           |             | ļ        | <u> </u>   | <u> </u> |
|                      |      |          | Feldspar 55% Musc. 9%                             |                      |      |    |           |             |          | /  |          |
|                      |      |          | Otz. 36% Tourm. tr.                               | 0 tr.                |      |    |           |             |          |  |          |
|                      |      |          | Garnet tr.  |                      |      |    | ·         |             |          |  |          |
|                      |      |          |   |                      |      |    |           |             |          |  |          |
|                      |      |          |   |                      |      |    |           | <del></del> | <u> </u> |  |          |
|                      |      |          |   |                      |      |    |           |             |          |  |          |
|                      |      |          |   |                      |      |    |           |             | <u> </u> |  |          |

| PROPERTY_ | HELLROARING | CREEK |
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|         | DIP TEST        |           |                            |              |          |
|---------|-----------------|-----------|----------------------------|--------------|----------|
|         | An              | gle       | 0.6.4.6                    |              |          |
| Footage | Reading         | Corrected | Hole No. 86-16 Sheet No. 1 | Lot          | Total De |
|         | 1 .             |           | Section                    | Dep          | Logged   |
|         |                 |           | Date Begun                 | Bearing      | Claim_   |
|         |                 |           | Date Finished              | Elev. Collar | Core Si  |
|         | <u>لـــــــ</u> |           | Date Logged                |              |          |

| DEP<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |                                       |                                       |   |  |
|-------------|----------|----------|--|------------|----------|----|--------------------|---------------------------------------|---------------------------------------|---|--|
| 17.5        | 24_0     |          | Equigranular poorly developed grading to block |            |          |    |                    |                                       |                                       |   |  |
|             |          |          | medcoarse crystalline grey some light brown    |            |          |    |                    |                                       |                                       |   |  |
|             |          |          | Fe staining, scattered manganese staining med  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          | coarse crystalline tourm. from 18.4 to 18.8 m, |            |          |    |                    |                                       |                                       |   |  |
|             |          |          | traces of f. crystalline tourm., traces of     |            |          |    |                    | ÷.,                                   |                                       |   |  |
|             |          |          | pyrite.  | tr tr      |          | ļ  |                    |                                       |                                       |   |  |
| 1           |          |          |  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          | Feldspar 58% Musc. 12%                         |            |          |    |                    |                                       | · · · · · · · · · · · · · · · · · · · |   |  |
|             |          |          | Qtz. 30% Tourm. tr-1%                          |            |          | ļ  |                    |                                       |                                       |   |  |
|             |          |          |  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          |  |            | <u> </u> |    |                    |                                       |                                       | , |  |
|             |          |          |  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          |  |            | <u> </u> |    |                    |                                       |                                       |   |  |
|             |          |          |  |            |          |    |                    | · · · · · · · · · · · · · · · · · · · |                                       | 1 |  |
|             |          |          |  | ļ          |          |    |                    |                                       | -                                     |   |  |
|             |          |          |  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          |  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          |  |            | ļ        |    |                    |                                       |                                       |   |  |
|             |          |          |  |            | ļ        |    |                    |                                       |                                       |   |  |
|             |          |          |  |            |          |    |                    |                                       |                                       |   |  |
|             |          |          |  |            |          |    |                    |                                       |                                       |   |  |

| PROPERTY_ | HELLROARING | CREEK |
|-----------|-------------|-------|
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|  | DIP TEST     |             |  |  |  |  |  |  |  |
|--|--------------|-------------|--|--|--|--|--|--|--|
|  | Angle        |             |  |  |  |  |  |  |  |
| Footag •                               | Reading      | Corrected   |  |  |  |  |  |  |  |
|  |              |             |  |  |  |  |  |  |  |
| ······································ | ļ            |             |  |  |  |  |  |  |  |
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| Hole No. 86-16 Sheet No. 2 | Lot          | Total Depth             |
|----------------------------|--------------|-------------------------|
| Section                    | Dep          | Logged By               |
| Date Begun                 | Bearing      | Claim                   |
| Date Finished              | Elev. Collar | Core Size 3.5 cm (B.Q.) |
| Date Logged                |              |                         |

| FROM | TO  | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |          |          |          |
|------|-----|----------|--|------------|------|----|--------------------|----------|----------|----------|
| 24.0 | 24. | ?        | Shear zone, block, poorly developed. Coarse      |            |      |    |                    |          |          |          |
|      |     |          | -med. crystalline, micaceous, fractured with     |            |      |    |                    | -        |          |          |
|      |     |          | heavy manganese and Fe staining.                 |            | ļ    |    |                    |          | ļ        |          |
|      |     |          |  |            | ļ    |    |                    |          |          | <u> </u> |
| 24.7 | 30. |          | Equigranular grading to block in some intervals, |            |      |    |                    |          |          |          |
|      |     |          | white-v. light grey, medcoarse crystalline,      |            |      |    |                    |          |          |          |
|      |     |          | some med. crystalline tourm. intervals with      |            |      |    |                    |          |          |          |
|      |     |          | f. crystalline disseminated tourm. throughout,   |            |      |    |                    |          |          |          |
|      |     |          | scattered Fe and manganese staining, traces      |            |      |    |                    |          |          |          |
|      |     |          | of garnet.                                       |            |      |    |                    |          |          |          |
|      |     |          |  |            |      |    |                    |          |          |          |
|      |     |          | Feldspar 55% Musc. 8%                            |            |      |    |                    |          |          |          |
|      |     |          | Qtz. 32% Tourm. 5%                               | 4 1        |      |    |                    |          |          |          |
|      |     |          |  |            |      |    |                    |          | 1        |          |
| 30.7 | 34. |          | Block light grey-v. light grey coarse            |            |      |    |                    |          | <u> </u> |          |
|      |     |          | crystalline massive quartz, micaceous fractured  |            |      |    |                    |          |          |          |
|      |     |          | in part.   |            |      |    |                    | <br>     |          |          |
|      |     |          |  |            |      |    |                    | <b> </b> |          |          |
|      |     |          | Feldspar 45% Musc. 8%                            | 0 0        |      |    |                    | <br>     | /        |          |
|      |     |          | Qtz. 43%   |            |      |    |                    |          |          |          |
| ļ    | l   |          |  |            |      |    |                    |          |          | ļ        |

| PROPERTY        | HELLROARING CREEK |
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|              | DIP TEST |           |
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|              | An       | gle       |
| Footag e     | Reading  | Corrected |
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| Hole No. 86-16 Sheet No. 3 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE!       | TO   | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM  | то  | WIDTH<br>OF SAMPLE |       |         |   |  |
|-----------|------|----------|---|------------|-------|-----|--------------------|-------|---------|---|--|
| 34.1      | 35.1 |          | Equigranular white some light to moderate Fe  |            |       |     |                    |       |         |   |  |
|           |      |          | staining, medcoarse crystalline, scattered  |            |       |     |                    |       |         |   |  |
|           |      |          | traces of med. to f. crystalline tourm., minor  |            |       |     |                    |       |         |   |  |
|           |      |          | amounts of garnet.  |            |       |     |                    |       |         |   |  |
|           |      |          | Feldspar 60% Musc. 5%   |            |       |     |                    |       |         |   |  |
|           |      |          | Qtz. 33% Tourm. tr.   | tr. tr.    |       |     |                    |       |         |   |  |
|           |      |          | Garnet 2%   |            |       |     |                    |       |         |   |  |
| 35.1 37.2 |      |          | Block, white-light grey, coarse-med, crystalline scattered Fe and manganese staining. |            |       |     |                    |       |         | , |  |
|           |      |          | Feldspar 70% Musc. 12%<br>Qtz. 18% Garnet tr.   |            |       |     |                    |       |         | , |  |
| 37.2      | 38.8 | _        | Equigranular light grey, grey green med.  |            |       |     |                    |       |         |   |  |
|           |      |          | crystalline, minor amounts of pyrrhotite  |            |       |     |                    |       |         |   |  |
|           |      |          | (38.5).   |            |       |     |                    |       |         | ! |  |
|           |      |          | Feldspar 70% Musc. 4%   | #2         | 038.5 | iro | n and mang         | anese | tained. |   |  |
|           |      |          | Qtz. 25% Pyrrhotite tr-1%   |            |       |     |                    |       |         |   |  |

| PROPERTY | HELLROARING | CREEK |
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DDH 86-16

|         | DIP TEST     |           |               |
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| Footage | Reading      | Corrected | Hole No86-1   |
|         | <del> </del> |           | Section       |
|         |              |           | Date Begun    |
|         |              |           | Date Finished |
|         | 1            |           | 0-4-1         |

| Hole No. 86-16 Sheet No. 3 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

| DEF  | TO | RECOVERY |              | DES         | CRIPTION     |          | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |          |  |
|------|----|----------|--------------|-------------|--------------|----------|------------|------|----|--------------------|--|----------|--|
| 38.8 |    |          | Block to equ | igranular v | vhite coarse | e - med. |            |      |    | OF SAMPLE          |  |          |  |
|      |    |          | crystalline, | scattered   | light iron   | staining |            |      |    |                    |  |          |  |
|      |    |          | some mangane | se staining | , traces of  | garnet   |            |      |    |                    |  |          |  |
|      |    |          | and med.cry  |             |              |          |            |      |    |                    |  |          |  |
|      |    |          | of v.f. crys |             |              |          |            |      |    |                    |  |          |  |
|      |    |          | Feldspar     | 70%         | Musc.        | 9%       |            |      |    |                    |  |          |  |
|      |    |          | Qtz.         | 21%         | Tourm.       | tr.      | tr. tr.    |      |    |                    |  |          |  |
|      |    |          | Garnet       | tr.         |              |          |            |      |    |                    |  |          |  |
|      |    |          |              |             |              |          |            |      |    |                    |  |          |  |
|      |    |          |              |             |              |          |            |      |    |                    |  |          |  |
|      |    |          |              |             |              |          |            |      |    |                    |  |          |  |
|      |    |          |              |             |              |          |            |      |    |                    |  |          |  |
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|      |    |          |              |             |              |          |            |      |    |                    |  |          |  |
|      |    |          |              |             |              |          |            |      |    |                    |  |          |  |
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| PROPERTY HELLKOARING CREEK | PROPERTY | HELLROARING CRE | FFK |
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Date Logged....

| HOLE No. | DDH | 86-16 |  |
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|           | DIP TEST |           |  |  |  |  |  |
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|           | Angle    |           |  |  |  |  |  |
| Footage . | Reading  | Corrected |  |  |  |  |  |
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| Hole No. 86-16 Sheet No. 4 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |

| FROM | TO   | RECOVERY | DESCRIPTION                            |              | SAMPLE N | FROM   | то | WIDTH<br>OF SAMPLE |   |   |          |
|------|------|----------|--|--------------|----------|--|----|--------------------|---|---|----------|
| 44.7 | 48.5 |          | Graphic, white med. crystalline some   | light Fe     |          |  |    |                    |   |   |          |
|      |      |          | staining. v.f. crystalline tourm. dis  | seminated    |          |  |    |                    |   | , |          |
|      |      |          | throughout, traces of pyrite.          |              |          |  |    |                    |   |   |          |
|      |      |          |  |              |          |  |    |                    |   |   |          |
|      |      |          | Feldspar 70% Musc.                     | 3%           |          |  |    |                    |   |   |          |
|      |      |          | Qtz. 23% Tourm.                        | 4%           | 4 0      |  |    |                    |   |   |          |
|      |      |          |  |              |          | <del>                                     </del> |    |                    |   |   | <u> </u> |
| 48.5 | 56.7 |          | Equigranular to graphic white-v. light | grey         |          |  |    |                    |   |   |          |
|      |      |          | medcoarse crystalline, scattered mar   | nganese      |          |  |    |                    |   |   |          |
|      |      |          | staining with intervals of v.f. crysta | alline       |          |  |    |                    |   |   |          |
|      |      |          | disseminated tourm., tr. of garnet.    |              |          |  |    |                    |   |   |          |
|      |      |          | Feldspar 67% Musc.                     | 4%           |          |  |    |                    |   | , |          |
|      |      |          | Qtz. 27% Tourm.                        | 2%           | 2 0      |  |    |                    |   |   |          |
| 56.7 | 75.4 | -        | Equigranular poorly developed in inter | rvals        |          |  |    |                    |   |   |          |
|      |      |          | white-light grey medcoarse crystalli   | ine grading  |          |  |    |                    |   |   |          |
|      |      |          | to block in minor amounts, intervals o | contaminated |          |  |    |                    | · |   |          |
|      |      |          | with v.ff. crystalline disseminated    | tourm.       |          |  |    |                    |   |   |          |
|      |      |          | scattered light Fe staining with some  |              |          |  |    |                    |   |   |          |

| PROPERTY | HELLROARING | CREEK |
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Date Logged\_\_\_

|         | DIP TEST     |           |  |  |  |  |  |  |  |  |  |
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|         | Angle        |           |  |  |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |  |  |
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| Hole No. 86-15 Sheet No. 5 | Lat          | Total Depth             |
|----------------------------|--------------|-------------------------|
| Section                    | Dep          | Logged By               |
| Date Begun                 | Bearing      | Core Size 3.5 cm (B.Q.) |
| Date Finished              | Elev. Collar | Core Size 3.5 CM (B.U.) |

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |                                       |          |   |  |
|-------------|----------|----------|--|------------|------|----|--------------------|---------------------------------------|----------|---|--|
|             |          |          | stain, traces of med. crystalline tourm. and |            |      |    |                    |                                       |          |   |  |
|             |          |          | pyrrhotite.                                  |            |      |    |                    |                                       |          |   |  |
|             |          |          |  |            | ļ    |    |                    |                                       |          |   |  |
| -           |          |          | Feldspar 60% Musc. 8%                        |            | ļ    |    |                    | · · · · · · · · · · · · · · · · · · · | <u> </u> |   |  |
|             |          |          | Otz. 30% Tourm. 2%                           | 2 tr.      | ļ    |    |                    |                                       | <u></u>  |   |  |
| 75.4        | 84.7     |          | Aldridge metasediments                       |            |      |    |                    |                                       |          |   |  |
|             |          |          | .1 m of equigranular pegmatite white med.    |            |      |    |                    |                                       |          |   |  |
|             |          |          | crystalline                                  |            |      |    |                    |                                       |          |   |  |
|             |          |          | Foliations:                                  |            |      |    |                    |                                       |          |   |  |
|             |          |          | 75.7 25-30 <sup>0</sup>                      |            |      |    |                    |                                       |          |   |  |
|             |          |          | 76.4 35-40 <sup>0</sup>                      |            |      |    |                    |                                       |          |   |  |
|             |          |          | 77.2 30 <sup>0</sup>                         |            |      |    |                    |                                       |          |   |  |
|             |          | ·        | 78.8 25-30 <sup>0</sup>                      |            |      |    |                    |                                       |          | , |  |
|             |          |          | 80.9 30-35 <sup>o</sup>                      |            |      |    |                    |                                       |          |   |  |
|             |          |          | 84.5 25-30 <sup>0</sup>                      |            |      |    |                    |                                       |          |   |  |
|             |          |          |  |            |      |    |                    |                                       |          |   |  |
|             |          |          | Е.О.Н.                                       |            |      |    |                    |                                       |          |   |  |
|             |          |          |  |            |      |    |                    |                                       | ·        |   |  |
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| PROPERTY | HELLR | OARING | CREEK |
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HOLE No. DDH 86-17

|         | DIP TEST    |           |
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| Footage | Reading     | Corrected |
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| Hole No.    | -17     | neet No |
|-------------|---------|---------|
| Section BL  | /0+25S  |         |
| Date Beaun  | Oct. 17 | , 1986  |
| Date Begun  | oct. 18 | 3, 1986 |
| Date Logged |         |         |

| Lat       |                  | Total |
|-----------|------------------|-------|
| Dep       | -60 <sup>0</sup> | Logg  |
| Regring   | 090 <sup>0</sup> | Clair |
| Class Cal | 5660'/1725 m     | . 0   |

Total Depth 80.5 m

Logged By D.H.

Claim

Core Size 3.5 cm B.Q.

| DE!  | PTH<br>TO | RECOVERY | DESCRIPTION                                      | SAMPLE No.         |          | то                                    | WIDTH<br>OF SAMPLE |                  |     |  |
|------|-----------|----------|--|--------------------|----------|---------------------------------------|--------------------|------------------|-----|--|
| 1.6  | 5.4       |          | Block white v. light grey coarse - med.          | TOURM %<br>V.ff.m- | ·r       |                                       |                    |                  |     |  |
|      |           |          | crystalline with minor graphic interval 2.7 -    |                    |          |                                       |                    |                  |     |  |
|      |           |          | 3.0 m clean                                      |                    |          |                                       |                    |                  |     |  |
|      |           |          |  |                    |          |                                       |                    |                  |     |  |
|      |           |          | Feldspar 67% Musc. 8%                            |                    |          |                                       |                    |                  |     |  |
|      |           |          | Qtz. 25%   | 0 0                | ļ        |                                       |                    |                  |     |  |
| 5.4  | 11.3      |          | Equigranular white-v. light grey, med.           |                    |          | · · · · · · · · · · · · · · · · · · · |                    |                  |     |  |
|      |           |          | crystalline fv.f. disseminated tourm., light     |                    |          |                                       |                    |                  |     |  |
|      |           |          | Fe staining scattered manganese staining, traces |                    |          |                                       |                    |                  |     |  |
|      |           |          | of garnet.                                       |                    | <u> </u> |                                       |                    |                  |     |  |
|      |           |          | Feldspar 64% Musc. 4%                            |                    |          |                                       |                    |                  |     |  |
|      |           |          | Otz. 30% Tourm. 2%                               | 2 0                |          |                                       |                    |                  | , , |  |
| 11.3 | 15.3      |          | Block to equigranular white-light grey light Fe  |                    |          |                                       |                    |                  |     |  |
|      |           | -        | staining, manganese staining, traces of v.f.     |                    |          |                                       |                    |                  |     |  |
|      |           |          | crystalline tourm.                               |                    |          |                                       |                    | <br><del> </del> |     |  |
|      |           |          | Feldspar 65% Musc. 5%                            |                    |          |                                       |                    |                  |     |  |
|      |           |          | Qtz. 30% Tourm. tr.                              | tr. o              |          |                                       |                    |                  |     |  |

| 20000000 | HELLROARING | CREEK |  |
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| Hole No. 86-17 Sheet No. 2 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Leaned                |              |             |

| DEF  | DEPTH RECOVERY |  | DESCRIPTION                            | SAMPLE No.  | FROM | то             | WIDTH<br>OF SAMPLE |      |   |          |
|------|----------------|--|--|-------------|------|----------------|--------------------|------|---|----------|
| 15.3 |                |  | Aldridge metasediment traces of pyrite |             |      |                | OI OAMI EE         | <br> |   |          |
|      |                |  | 15.4 25-30°,                           |             |      |                |                    |      |   |          |
|      |                |  | 15.7 25-30°                            |             |      |                |                    |      |   |          |
|      |                |  |  |             |      |                |                    |      |   |          |
|      |                |  |  |             |      |                |                    |      |   |          |
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| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST     |           |  |  |  |  |
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| Hole No. 86-17 Sheet No. 3 |                   | Total Depth           |
|----------------------------|-------------------|-----------------------|
| Date Begun                 | Bearing           | Claim                 |
| Date Finished              | Elev. Collar5640' | core Size 3.5 cm B.Q. |
| Date Logged                |                   |                       |

| DE!     | PTH<br>TO | RECOVERY | DESCRIPTION  | SAMPLE Na                               | FROM     | то | WIDTH<br>OF SAMPLE |          |   |   |  |
|---------|-----------|----------|--|---|----------|----|--------------------|----------|---|---|--|
| 16.3    | 21.3      |          | Block white to brown light to heavy Fe staining,   |   |          |    |                    |          |   |   |  |
|         |           |          | coarse-med. crystalline minor intervals of         |   |          |    |                    |          |   |   |  |
|         |           |          | fv.f. crystalline tourm traces of garnet           |   |          |    |                    | <u> </u> |   |   |  |
|         |           |          | and pyrite. Minor Aldridge inclusion 0 19.2 m.     |   |          |    |                    |          |   |   |  |
|         |           |          | Feldspar 65% Musc. 7%                              |   |          |    |                    |          |   |   |  |
|         |           |          | Qtz. 27% Tourm. tr-1%                              | 1 0                                     |          |    |                    |          |   | / |  |
| 21.3    | 29.3      |          | Equigranular white, some light Fe staining         |   |          |    |                    |          |   |   |  |
|         |           |          | medcoarse crystalline scattered med. crystalline   |   | <u>.</u> |    |                    |          |   |   |  |
|         |           |          | tourm. with some disseminated f. crystalline       |   |          |    |                    |          |   |   |  |
|         |           |          | tourm., scattered manganese stain, traces of       |   |          |    |                    |          |   |   |  |
|         |           |          | garnet.  |   |          |    |                    |          |   |   |  |
|         |           |          |  |   |          |    |                    |          | ļ | / |  |
| <u></u> |           |          | Feldspar 70% Musc. 3%                              | *************************************** |          |    |                    |          |   |   |  |
|         |           |          | Qtz. 25% Tourm. 2%                                 | 1 1                                     | <u> </u> |    |                    |          |   |   |  |
|         |           |          | Garnet tr.   |   | ]        |    | ·                  |          |   |   |  |
| 29.3    | 41.9      |          | Equigranular poorly developed in some intervals.   |   |          |    |                    |          |   |   |  |
|         |           |          | white medcoarse crystallime, scattered light       |   |          |    |                    |          |   |   |  |
|         |           |          | to moderate Fe staining, traces of med. crystallin | е                                       |          |    |                    |          |   |   |  |

| DOODEDTY  | HELLROARING CREEK |
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| PROPERTY_ |                   |

|         | DIP TEST     | _         |                            |              |             |
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|         | An           | gie       | 00.47                      |              |             |
| Footage | Reading      | Corrected | Hole No. 86-17 Sheet No. 4 | Lat          | Total Depth |
|         | ļ            |           | Section                    | Dep          | Logged By   |
| <b></b> | <del> </del> |           |                            |              |             |
|         | †            |           | Date Begun                 | Bearing      | Claim       |
|         |              |           | Date Finished              | Elev. Collar | Core Size   |
|         | L            |           | Date Logged                |              |             |

| DE F | TO                                     | RECOVERY                              |          | DESC | RIPTION                                       |   | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |      |   |   |
|------|--|---------------------------------------|----------|------|---|---|------------|----------|----|--------------------|------|---|---|
|      |  |                                       | tourm.   |      |   |   |            |          |    | OF SAMPLE          | <br> |   |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      |   |   |
|      |  |                                       | Feldspar | 71%  | Musc.   | 4%                                      |            |          |    |                    |      |   |   |
|      |  |                                       | Otz.     | 25%  | Tourm.  | tr.                                     | 0 tr.      |          |    |                    |      |   |   |
|      |  |                                       |          |      |   |   |            |          |    | ***                |      |   |   |
|      |  |                                       |          |      | <u> </u>                                      |   |            |          |    |                    |      |   |   |
|      |  |                                       |          |      |   | ·                                       |            |          |    |                    |      |   |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      |   |   |
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|      |  |                                       |          |      |   |   |            |          |    |                    |      | , |   |
|      |  |                                       |          |      | <u>, , , , , , , , , , , , , , , , , , , </u> |   |            | <u> </u> |    |                    |      |   |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      | , |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      |   |   |
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|      |  | -                                     |          |      |   | _                                       |            |          |    | ·                  |      |   |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      |   |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      |   |   |
|      |  |                                       |          |      |   |   |            |          |    |                    |      |   |   |
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| L1   |  |                                       |          |      |   |   | ł          | l        | L  |                    |      |   | L |

| PROPERTY | HELLROARING CREEK |
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| HAI | _   | M   | DDH | 86-17 |  |
|-----|-----|-----|-----|-------|--|
| HOL | . = | No. |     |       |  |

|         | DIP TEST     |           |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|
|         | An           | gle       |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |
|         | <del> </del> |           |  |  |  |  |  |  |  |
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| Hole No. 86-17 Sheet No. 5 | Lat.         | Total Depth           |
|----------------------------|--------------|-----------------------|
| Section                    | Dep          | Logged By             |
| Date Begun                 | Bearing      | Claim                 |
| Date Finished              | Elev. Collar | core Size 3.5 cm B.Q. |
| Date Logged                |              |                       |

| FROM |      | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |   |  |
|------|------|----------|---|------------|------|----|--------------------|---|---|--|
| 41.9 | 59.5 |          | Block poorly developed to equigranular white,   |            |      |    |                    |   | , |  |
|      |      |          | medcoarse crystalline, light to moderate Fe   |            |      |    |                    |   |   |  |
|      |      |          | staining throughout, scattered manganese  |            |      |    |                    |   |   |  |
|      |      |          | staining.   |            |      |    |                    |   |   |  |
|      |      |          | Feldspar 65% Musc. 7%   |            |      |    |                    |   |   |  |
|      |      |          | Qtz. 28% Tourm. 0-tr.   | tr.        |      |    |                    |   |   |  |
| 59.5 | 71.9 |          | Equigranular to block, white, red brown with moderate Fe staining medcoarse crystalline |            |      |    |                    |   |   |  |
|      |      |          | of v.f. crystalline tourm. scattered manganese staining. Some med. to coarse            |            |      |    |                    |   |   |  |
|      |      |          | crystalline tourm.  |            |      |    |                    |   | 1 |  |
|      |      |          | Feldspar 65% Musc. 10%  |            |      |    |                    |   |   |  |
|      |      | -        | Qtz. 24% Tourm. tr-1%   | 1 tr.      |      |    |                    |   | / |  |
| 71.9 | 72.5 |          | Diorite contact, metamorphic, heavily Fe stained, v.f. gr. evidence of rounded feldspar |            |      |    |                    | · |   |  |
|      |      |          | grains micaceous partings.  |            |      |    |                    |   |   |  |

| PROPERTY    | HELLROARING CREEK |  |
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|         | DIP TEST |           |                            |              |                     |
|---------|----------|-----------|----------------------------|--------------|---------------------|
|         | An       | gle       | 86_17 6                    |              |                     |
| Footage | Reading  | Corrected | Hole No. 86-17 Sheet No. 6 | Lat          | Total Depth         |
|         |          |           | Section                    | Dep          | Logged By           |
|         |          |           | Date Begun                 | Bearing      | Claim               |
|         |          |           | Date Finished              | Elev. Collar | core Size 3.5 cm B. |
|         |          |           | Date Logged                |              |                     |

| DE!      | TH   | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM   | то             | WIDTH<br>OF SAMPLE |              |   |          |
|----------|------|----------|---|------------|--|----------------|--------------------|--------------|---|----------|
| 72.5     |      | L        | Diorite grey v.f. crystalline feldspar and      |            |  |                | OF SAMPLE          |              |   |          |
|          | 33.3 |          | sericite, blk. mafics, traces of qtz., cleavage |            | <u> </u>   |                |                    | <br><u> </u> |   |          |
| <u> </u> |      |          | at 35 to 40° to core axis.                      |            |  | <del> </del> - |                    |              |   |          |
|          |      |          | at 35 to 40 to core axis.                       |            |  |                |                    |              |   |          |
|          |      |          | F 0 II  |            |  |                |                    |              |   |          |
|          |      |          | E.O.H.  |            |  |                |                    |              |   |          |
|          |      |          |   |            | ļ  |                |                    | <br>         |   |          |
|          |      |          |   |            | ļ  | ļ              |                    |              |   |          |
| ·        |      |          |   |            |  | ļ              |                    |              |   |          |
|          |      |          |   |            |  | <b> </b>       |                    |              |   |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      |          |   |            |  |                |                    |              | / |          |
|          |      |          |   |            |  |                |                    |              | 1 |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      | -        |   |            |  |                | ·                  |              |   |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      |          |   |            | <u> </u>   |                |                    |              |   |          |
|          |      |          |   |            |  |                |                    |              |   |          |
|          |      |          |   |            | <del>                                     </del> | <b></b>        |                    |              |   |          |
|          |      |          |   | 1          |  | <u> </u>       |                    | L            |   | <u>L</u> |

| PROPERTY | <b>HELLROARING</b> | CREEK |  |
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HOLE No. DDH 86-18

| DIP TEST |    |     |  |  |  |  |
|----------|----|-----|--|--|--|--|
|          | An | gle |  |  |  |  |
| Footage  |    |     |  |  |  |  |
|          |    |     |  |  |  |  |
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|          |    |     |  |  |  |  |
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|          |    |     |  |  |  |  |

| Hole No. —  | 6-18   |     |      | 1 |
|-------------|--------|-----|------|---|
| Section B   | L/0+25 | S   |      |   |
| Date Regun  | Oct.   | 18, | 1986 |   |
| Date Begun  | Oct.   | 20, | 1986 |   |
| Date Logged |        |     |      |   |

| DE   | PTH_ | RECOVERY | DESCRIPTION                                    | SAMPLE N | FROM   | -  | WIDTH     | İ | l            |   |
|------|------|----------|--|----------|--|----|-----------|---|--------------|---|
| FROM |      |          |  | TOURM %  | FRUM   | 10 | OF SAMPLE |   |              |   |
| 2.4  | 10.1 |          | Block to equigranular grey coarse crystalline, | v.ff.m   | -Ł   |    |           |   |              |   |
|      |      |          | scattered Fe staining; grading to graphic over |          |  |    |           |   |              |   |
|      |      |          | minor intervals, traces of v.f. disseminated   |          |  |    |           |   |              |   |
|      |      |          | tourm. @ 7.1-7.3, 8.1, 9.0 m                   |          |  |    |           |   |              |   |
|      |      |          | Feldspar 75% Musc. 3%                          |          | 1  |    |           |   |              |   |
|      |      |          | Qtz. 22% Tourm. tr                             | tr.      |  |    |           |   |              |   |
| 10.1 | 12.8 |          | Equigranular to block poorly developed grey    |          |  |    |           |   |              |   |
|      |      |          | red brown with scattered light to moderate Fe  |          |  |    |           |   | ′            |   |
|      |      |          | staining, minor amounts of manganese staining, |          |  |    |           |   |              |   |
|      |      |          | fractured in part                              | ļ        | -  |    |           |   |              |   |
|      |      |          | Feldspar 64% Musc. 8%                          |          | <del>                                     </del> |    |           |   | <del>-</del> |   |
|      |      |          | Qt <sub>z</sub> . 28%                          | 0 0      |  |    |           |   |              |   |
| 12.8 | 21.0 | -        | Equigranular grey, red brown with moderate to  |          |  |    |           |   |              |   |
|      |      |          | heavy Fe staining, minor manganese staining    |          |  |    |           |   |              |   |
|      |      |          | v.f. tourm. disseminated throughout            |          | <del> </del>                                     | ļ  |           |   |              | ļ |
|      |      |          | Feldspar 57% Musc. 10%                         |          | <u> </u>   | ļ  |           |   |              |   |
|      |      |          | Qtz. 28% Tourm. 5%                             | 5 0      |  |    |           |   |              |   |

| PROPERTY     | HELLROARING | CREEK |
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|         | DIP TEST |           |  |  |  |
|---------|----------|-----------|--|--|--|
|         | Angle    |           |  |  |  |
| Footage | Reading  | Corrected |  |  |  |
|         |          |           |  |  |  |
|         | <u> </u> |           |  |  |  |
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|         |          |           |  |  |  |
|         | 1        |           |  |  |  |

| Hole No. 86-18 Sheet No. 2 | Lat          | Total Depth 86.3 m |
|----------------------------|--------------|--------------------|
|                            | Dep          | Logged By          |
| Date Begun                 | Bearing      | ClaimB.Q.          |
| Date Finished              | Elev. Collar | Core Size          |
| Date Logged                |              |                    |

| FROM      | TO   | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM        | то | WIDTH<br>OF SAMPLE |          |   |  |
|-----------|------|----------|---|------------|-------------|----|--------------------|----------|---|--|
| 21.0 44.1 |      |          | Block light grey-white coarse-v. coarse         |            |             |    |                    |          |   |  |
|           |      |          | crystalline scattered light Fe staining, tr. of |            |             |    |                    |          |   |  |
|           |      |          | manganese staining, v.f. disseminated tourm.    |            | <u> </u>    |    |                    |          |   |  |
|           |      |          | @ 24.7-24.9 scattered med. crystalline tourm. @ |            |             |    |                    | <u> </u> |   |  |
|           |      |          | 36.9 + 42.9                                     | -          | ļ <u></u> - |    |                    |          |   |  |
|           |      |          | Feldspar 63% Musc. 12%                          |            |             |    |                    |          | , |  |
|           |      |          | Qtz. 25% Tourm. 0%                              | tr. tr.    | ļ           |    |                    |          |   |  |
| 44.1      | 49.5 |          | Equigranular to block poorly developed white-   |            |             |    |                    |          |   |  |
|           |      |          | light grey, medcoarse crystalline, v.f.         |            |             |    |                    |          |   |  |
|           |      |          | crystalline tourm. disseminated throughout      |            |             |    |                    |          |   |  |
|           |      |          | traces of garnet, scattered light Fe staining   |            |             |    |                    |          |   |  |
|           |      | ·        | traces of manganese stain, Shear zone @ 48 m    |            |             |    |                    |          | , |  |
|           |      |          | Feldspar 55% Musc. 9%                           |            |             |    |                    |          |   |  |
|           |      | -        | Qtz. 29% Tourm. 7%                              | 7 0        |             |    |                    |          |   |  |
| 49.5      | 53.0 |          | Equigranular to block poorly developed white    |            |             |    |                    |          |   |  |
|           |      |          | -v. light grey, medcoarse crystalline v.f.      |            |             |    |                    | <u> </u> |   |  |
|           |      |          | crystalline disseminated tourm. from 50.1 to    |            |             |    |                    |          |   |  |

| 20022     | HELLROARING | CREEK |  |
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| PROPERTY_ |             |       |  |

|           | DIP TEST |           |  |  |  |  |  |  |
|-----------|----------|-----------|--|--|--|--|--|--|
|           | Angle    |           |  |  |  |  |  |  |
| Footage . | Reading  | Corrected |  |  |  |  |  |  |
|           |          |           |  |  |  |  |  |  |
|           |          |           |  |  |  |  |  |  |
|           |          |           |  |  |  |  |  |  |
|           |          |           |  |  |  |  |  |  |

| Hole No. 86-18 Sheet No. 3 |              | Total Depth |
|----------------------------|--------------|-------------|
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DEF | TH | RECOVERY |   | DESC                                  | RIPTION                                |  | SAMPLE No. | FROM | то         | WIDTH<br>OF SAMPLE |          |   |          |
|-----|----|----------|---|---------------------------------------|--|--|------------|------|------------|--------------------|----------|---|----------|
|     |    |          | 50.4 with traces of v.f. crystalline tourm. |                                       | tourm.                                 |  |            |      | O. OAM. EE |                    | <u> </u> |   |          |
|     |    |          | throughout, t                               |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          | Feldspar                                    | 65%                                   | Musc.                                  | 11%                                    |            |      |            |                    | ·        |   |          |
|     |    |          | Otz.  | 23%                                   | Tourm.                                 | tr1%                                   | tr. 0      |      |            |                    |          |   |          |
|     |    |          |   |                                       |  | ************************************** |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   | ļ        |
|     |    | •        |   | <del></del>                           |  |  |            |      |            |                    |          | / |          |
|     |    |          |   | · · · · · · · · · · · · · · · · · · · |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            | ·                  |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          |   |          |
|     |    |          |   |                                       |  |  |            |      |            |                    |          | / |          |
|     |    |          |   |                                       | ······································ | ****                                   |            |      |            |                    | ļ        |   |          |
|     |    |          | · · · · · · · · · · · · · · · · · · ·       |                                       |  |  | 1          |      | L          | <u> </u>           |          |   | <u>L</u> |

#### PROPERTY HELLROARING CREEK

|         | DIP TEST     |           |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|
|         | Angle        |           |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |
|         | <del> </del> |           |  |  |  |  |  |  |
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|         |              |           |  |  |  |  |  |  |

| Hole No. 86-18 Sheet No. 4 | Lat          | Total Depth 86.3 |
|----------------------------|--------------|------------------|
|                            |              | Logged By        |
| Date Begun                 | Bearing      | Claim            |
| Date Finished              | Elev. Collar | Core Size B.Q.   |
| Date Logged                |              |                  |

| DE FROM | TO   | RECOVERY | DESCRIPTION  | SAMPLE N | FROM | то | WIDTH<br>OF SAMPLE |  |   |          |
|---------|------|----------|--|----------|------|----|--------------------|--|---|----------|
| 53.0    | 57.6 |          | Equigranular white, med. crystalline with v.f.   |          |      |    |                    |  |   |          |
|         |      |          | crystalline disseminated tourm. in upper intervals   |          |      |    |                    |  |   |          |
|         |      |          | thinning to traces of v.f. crystalline tourm.  |          |      |    |                    |  |   |          |
|         |      |          | throughout. Minor amounts of manganese staining,   |          |      |    |                    |  |   |          |
|         |      |          | traces of garnet.  |          |      |    |                    |  |   |          |
|         |      |          | Feldspar 67% Musc. 7%  |          |      |    |                    |  |   |          |
|         |      |          | Qtz. 25% Tourm. 1%   | 1 0      |      |    |                    |  |   | <u> </u> |
| 57.6    | 62.0 |          | Equigranular white-grey, medcoarse crystalline with v.f. crystalline tourm. disseminated     |          |      |    |                    |  |   |          |
|         |      |          | throughout and intervals of highly contaminated  |          |      |    |                    |  |   |          |
|         |      |          | aplitic-like rock. Minor amounts of manganese staining.                                      |          |      |    |                    |  | 1 |          |
|         |      |          | Feldspar 45% Musc. 10%   |          |      |    |                    |  | , |          |
|         |      | -        | Qtz. 34% Tourm. 11%  | 11 0     |      |    |                    |  |   |          |
| 62.0    | 65.2 |          | Equigranular to block light grey-white, coarse-  |          |      |    |                    |  |   |          |
|         |      |          | med. crystalline with traces of v.f. crystalline tourm., minor amounts of light Fe staining. |          |      |    |                    |  |   |          |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST |           |
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|         | An       | gle       |
| Footage | Reading  | Corrected |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |

| Hole No Sheet No 5 | Lat          | Total Depth |
|--------------------|--------------|-------------|
| Section            |              | Logged By   |
| Date Begun         | Bearing      | Claim       |
| Date Finished      | Elev. Collar | Core Size   |
| Date Logged        |              |             |

| FROM  | TO | RECOVERY |          | DESCR    | IPTION |                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |      |  |
|-------|----|----------|----------|----------|--------|---------------------------------------|------------|------|----|--------------------|---|------|--|
| T NOM |    |          | Feldspar | 49%      | Musc.  | 11%                                   |            |      |    | OF SAMPLE          |   |      |  |
|       |    |          | Qtz.     | 38%      | Tourm. | 2%                                    | 2 tr.      |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   | ,    |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   | <br> |  |
|       |    |          |          |          | ·      |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   | <br> |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        | · · · · · · · · · · · · · · · · · · · |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          | <u> </u> |        |                                       |            |      |    |                    | · |      |  |
|       |    |          |          |          |        |                                       |            |      |    |                    |   |      |  |
|       |    |          |          |          |        |                                       | _          |      |    |                    |   | <br> |  |
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| PROPERTY  | HELLROARING    | CREEK |  |
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| HOLE N. | DDH 86-18 |
|---------|-----------|
| NULE NO |           |

|         | DIP TEST     |  |  |  |  |  |
|---------|--------------|--|--|--|--|--|
|         | Angle        |  |  |  |  |  |
| Footage | Reading      | Corrected                              |  |  |  |  |
|         | <del> </del> |  |  |  |  |  |
|         |              |  |  |  |  |  |
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| Hole No. 86-18 Sheet No. 6 | Lat          | Total Depth 86.3 m |
|----------------------------|--------------|--------------------|
| Section                    | Dep          | Logged By          |
| Date Begun                 | Bearing      | Claim              |
| Date Finished              | Elev. Collar | Core SizeB.Q.      |
| Date Logged                |              |                    |

| DE F | TO TO | RECOVERY | DESCRIPTION   | SAMPLE N | FROM | то           | WIDTH<br>OF SAMPLE |             |          |          |  |
|------|-------|----------|---|----------|------|--------------|--------------------|-------------|----------|----------|--|
| 65.2 | 79.7  |          | Equigranular white red brown with moderate to   |          |      | <u> </u>     |                    |             |          |          |  |
|      |       |          | heavy Fe staining, highly fractured with shear zones at 69 and 70 m. v.f. crystalline |          | -    |              |                    |             |          | /        |  |
|      |       |          | disseminated tourm. throughout with medcoarse   |          |      |              |                    |             |          |          |  |
|      |       |          | crystalline tourm. from 68.3 to 68.5 m scattered                                      |          |      |              |                    |             |          |          |  |
|      |       |          | manganese staining.   |          |      |              |                    |             |          |          |  |
|      |       |          | Feldspar 50% Musc. 11%  |          |      |              |                    |             |          |          |  |
|      |       |          | Qtz. 34% Tourm. 5%  | 4 1      |      |              |                    |             |          |          |  |
| 79.7 | 85.8  |          | Equigranular to block, poorly developed light   |          |      |              |                    | :<br>       |          |          |  |
|      |       |          | grey-white, medcoarse crystalline, v.f.   |          |      |              |                    |             |          |          |  |
|      |       |          | crystalline tourm. disseminated throughout  |          |      |              |                    |             |          |          |  |
|      |       |          | scattered garnet, light Fe and manganese  |          |      |              |                    |             |          | /        |  |
|      |       |          | staining1 m inclusion of metasediment?  |          |      | <u> </u>     |                    |             | ļ        | <u> </u> |  |
|      |       | -        | at 81.4 m. Traces of pyrrhotite at 82.8 m.  | <u> </u> | -    | <del> </del> |                    | <del></del> | -        |          |  |
|      |       |          | Feldspar 52% Musc. 10%  |          |      |              |                    |             |          |          |  |
|      |       |          | Qtz. 34% Tourm. 3%  | 3        | -    | -            |                    |             | <u> </u> |          |  |
|      |       |          |   |          |      | <del> </del> |                    |             |          |          |  |

| PROPERTY | HELLROARING  | CREEK    |
|----------|--------------|----------|
|          | TIELLINOTHIA | <u> </u> |

|           | DIP TEST                               |           |                    |              |             |
|-----------|--|-----------|--------------------|--------------|-------------|
|           | An                                     | gle       | Hole No Sheet No 7 |              |             |
| Footage . | Reading                                | Corrected | Hole No Sheet No   | Lat          | Total Depth |
|           | -                                      |           | Section            | Dep          | Logged By   |
|           |  |           |                    | •            |             |
|           |  |           | Date Begun         | Bearing      | Claim       |
|           |  |           | Date finished      | Elev. Collar | Core Size   |
| L         | ئـــــــــــــــــــــــــــــــــــــ |           | Date Logged        |              | ,           |

| FROM | TO       | RECOVERY |  | SAMPLE No. | FROM    | то | WIDTH<br>OF SAMPLE |   |          |          |          |
|------|----------|----------|--|------------|---------|----|--------------------|---|----------|----------|----------|
| 85.8 | 86.3     |          | Diorite, grey, v.f. crystalline serecite and           |            |         |    |                    |   |          |          |          |
|      |          |          | feldspar, micaceous, foliation or cleavage             |            |         |    |                    |   |          |          |          |
|      |          |          | 35-40 <sup>0</sup> to core axis, traces of pyrrhotite. |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          | E.O.H.   |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            | ļ       | L  |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          | /        |          |
| ļ    |          |          |  |            |         | ļ  |                    |   | ļ        |          |          |
|      |          |          |  |            | <b></b> |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   |          |          |          |
|      |          |          |  |            |         |    |                    |   | }        |          |          |
|      | لــــــا | L        |  | <u> </u>   | L       | L  | L                  | L | <u> </u> | <u> </u> | <u> </u> |

#### PROPERTY HELLROARING CREEK

|  | DIP TEST     |           |
|--|--------------|-----------|
|  | An           | gle       |
| Footage                                | Reading      | Corrected |
|  |              |           |
|  | <del> </del> |           |
|  |              |           |
| ······································ |              |           |
| <u></u>                                |              |           |

| Hole No. 86.  | -19 sh  | eet No | 1    |  |
|---------------|---------|--------|------|--|
| SectionC-     |         |        |      |  |
| Date Begun    | •       |        |      |  |
| Date Finished | October | 22,    | 1986 |  |
| Date Logged   | October | 22,    | 1986 |  |
|               |         |        |      |  |

| Lat               | Total Depth |
|-------------------|-------------|
| Dep               | Logged By   |
| Bearing Vertical  | Claim       |
| 51au Cauge 1696 m | Como Cimo   |

Total Depth 81.70 m (268')
Logged By S.M.P.

Claim \_\_\_\_\_\_
Core Size B.Q.

| FROM | TO TO | RECOVERY      | DESCRIPTION   | SAMPLE No.        | FROM | то | WIDTH<br>OF SAMPLE |        |          |   |  |
|------|-------|---------------|---|-------------------|------|----|--------------------|--------|----------|---|--|
| 0    | 2.44  |               | Overburden - bldrs. of m. gr. rusty equigranular  | TOURM%<br>v.ff.m- | С    |    |                    |        |          |   |  |
|      |       |               | pegmatite with 2-3% f. g. tourm.  | 3                 |      |    |                    |        |          |   |  |
| 2.44 | 8.73  | (8:73)<br>92% | (KO.50m)  F.g. Aplite with small local bands of c.g. equigranular rock; rusty grey; moderate to heavy  Fe stain throughout core; Mn and Fe stain along fractures. |                   |      |    |                    |        |          |   |  |
|      |       |               | Feldspar       60%       Musc.       8.5%         Otz.       25%  |                   |      |    |                    |        |          |   |  |
|      |       |               | 5% Tourm f. gr. feathery dissem. (average)  1% Garnet f. gr. pink   | 5 0               |      |    |                    |        |          |   |  |
|      |       |               | tr. f. gr. green Apatite  |                   |      |    | ·                  |        |          |   |  |
|      |       |               | tr. f. fr. dissem. Pyrite  Fractures: 2.60m @ 25 <sup>0</sup> to core axis  |                   |      |    |                    |        |          | , |  |
|      |       |               | 3.66m @ 0° to core axis  Equigranular bands @ 2.78 - 3.10 m   |                   |      |    |                    |        |          |   |  |
|      |       |               | 5.80 - 6.26 m<br>6.60 - 7.28 m  |                   |      |    |                    |        |          |   |  |
|      |       |               | Feldspar 50% Musc 20%   |                   |      |    |                    |        |          |   |  |
|      |       |               | Qtz. 30% Tourm. f. gr. tr.  |                   |      |    |                    | ······ | <u> </u> |   |  |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
|----------|-------------------|

HOLE No. DDH 86-19

|         | DIP TEST     |             |  |  |  |  |  |
|---------|--------------|-------------|--|--|--|--|--|
|         | Angle        |             |  |  |  |  |  |
| Footage | Reading      | Corrected   |  |  |  |  |  |
|         |              |             |  |  |  |  |  |
|         | <del> </del> | <del></del> |  |  |  |  |  |
|         |              |             |  |  |  |  |  |
|         |              |             |  |  |  |  |  |
|         |              |             |  |  |  |  |  |

| Hole No8           | 6 <b>-</b> 19 | _ Shee | It No | 2 | Lat         |
|--------------------|---------------|--------|-------|---|-------------|
| Section            |               |        |       |   | Dep         |
| Section Date Begun | Oct.          | 21,    | 1986  |   | Bearing_    |
| Date Finished.     | Oct.          | 22,    | 1986  |   | Elev. Collo |
| Date Logged        | Oct.          | 22,    | 1986  |   |             |
| Date Follow        |               |        |       |   |             |

Total Depth 81.70 Claim\_ Core Size\_\_\_BQ \_\_\_\_

| DE F  | TH<br>TO      | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |         |          |          |            |
|-------|---------------|----------|---|------------|------|----|--------------------|---------|----------|----------|------------|
| 8.23  | 21 <i>2</i> 0 | 11.80    | Blocky - c. gr. equigranular; whitish grey; v.    |            |      |    |                    |         |          |          |            |
|       |               | (12.97m) | light Fe stain predom. as haloes around sulfide   |            |      |    |                    |         |          |          |            |
|       |               | 91%      | grains and along fractures                        |            |      |    |                    |         |          |          |            |
|       |               |          | - monomineralic zones of pred. feld. & qtz.       |            |      |    |                    |         |          |          |            |
|       |               |          | grading into poorly dev. graphic near bottom      |            |      |    |                    |         |          |          |            |
| ·     |               |          | of section  |            |      |    |                    |         |          |          |            |
| -     |               |          |   |            |      |    | <br>               |         | <b></b>  | -        |            |
|       |               |          | Feldspar 80%                                      |            |      |    |                    |         | <u> </u> | <u> </u> | ļ          |
|       |               |          | Otz. 25% Oxidized sulfide tr. 0                   | 0          |      |    |                    |         | <u> </u> |          |            |
|       |               |          | 5% musc(occurs pred. in top 0.70m and bottom      |            |      |    |                    | <u></u> |          |          | <u> </u>   |
|       |               |          | 2.Om)   |            |      |    |                    |         |          | ļ        | ļ <u>.</u> |
|       |               |          | N.B. 15.90 -20.72m Heavy Fe stain through core    |            |      |    |                    |         |          | <u> </u> | 1          |
|       |               |          | 20.72 -21.20m Moderate Mn stain pred.             |            | ļ    |    |                    |         | <u> </u> |          |            |
|       |               |          | along fractures                                   |            |      |    |                    |         |          |          | <u> </u>   |
|       |               |          | Fractures: 10.0 m 0 100 to core axis              |            |      |    |                    |         |          | ļ        |            |
|       |               |          | 15.55 m @ 25 <sup>0</sup> to core axis            |            |      |    |                    |         |          | ļ        | ļ          |
|       |               |          | 16.55 m @ 15 <sup>0</sup> to core axis            |            |      |    |                    |         | ļ        | <b> </b> |            |
|       |               |          | 19.95-20.20 m @ 5-0 <sup>0</sup> to core axis     |            |      |    |                    |         |          |          | ļ          |
|       |               |          |   |            |      |    |                    |         |          | ļ        | <b></b>    |
| 21.20 | 29.88         |          | Equigranular to predom aplitic; dark green due to |            |      |    |                    |         | ļ        | <u> </u> | <b></b>    |
|       | İ             | (8.68)   | f.g. tourm. content, minor small rusty zones      |            |      |    |                    |         |          |          |            |

#### PROPERTY HELLROARING CREEK

HOLE No. DDH 86-19

| DIP TEST     |             |  |  |  |
|--------------|-------------|--|--|--|
| Angle        |             |  |  |  |
| Reading      | Corrected   |  |  |  |
|              |             |  |  |  |
|              |             |  |  |  |
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| ļ            | <del></del> |  |  |  |
| <del> </del> |             |  |  |  |
|              | An          |  |  |  |

| Hole No. 86.19 Sheet No. 3  |              | Total Depth   |
|-----------------------------|--------------|---------------|
| Section                     | Dep          | Logged By SMP |
| Date Begun Oct. 21, 1986    | Bearing      | Claim         |
| Date Finished Oct. 22, 1986 | Elev. Collar | Core Size BO  |
| Date Logged Oct. 22, 1986   |              |               |

| FROM   | то    | RECOVERY | DESCRIPTION  | SAMPLE N | FRO      | м то           | WIDTH<br>OF SAMPLE                    |              |          |  |
|--------|-------|----------|--|----------|----------|----------------|---------------------------------------|--------------|----------|--|
| 21.20  | 29.88 | cont.    | Feldspar 50% Musc. 15-10%                          | ļ        |          |                |                                       |              |          |  |
|        |       |          | Qtz. 20% Tourm. 15-10%                             | 12 tr    | •.       |                |                                       |              |          |  |
|        |       |          | Garnet 1-2% Apatite tr. 0.5%                       |          |          | <u> </u>       |                                       |              |          |  |
| ****** |       |          | tourm - v.f. gr. feathery; tr. m-c g.              |          |          |                |                                       |              |          |  |
|        |       |          | Clusters and dissem.                               |          |          |                |                                       | <br><u> </u> |          |  |
|        |       |          | garnet - pink f.g.                                 |          |          |                |                                       |              |          |  |
|        |       |          | apatite - f. gr. light apple green (more abundant  |          |          |                |                                       |              |          |  |
|        |       |          | in top lm of section)                              |          |          |                |                                       |              |          |  |
|        |       |          | N.B. 22.44m-23.44; c. qr. equigranular             | tr. tr   | <u> </u> | <u> </u>       |                                       | <br><u> </u> |          |  |
|        |       |          | Feldspar 55% Musc. 15-10%                          |          | _   .    |                | -                                     |              |          |  |
|        |       |          | 0tz. 30-35% Tourm. tr. 0.5%                        |          |          |                |                                       |              |          |  |
|        |       |          | tourm f. gr. and m. gr. dissem. med. to light      |          |          |                |                                       |              |          |  |
|        |       |          | Mn & Fe stain                                      |          |          | -              |                                       |              | <u> </u> |  |
| 29.88  | 30.88 | ·<br>lm  | Equigranular; m-f.gr. approaching aplitic texture; |          |          | <del>  -</del> |                                       |              | ;        |  |
|        |       | 100%     | med. grey with light Fe stain                      |          |          |                |                                       |              |          |  |
|        |       |          | Feldspar 65% Musc. 5%                              |          |          | <u> </u>       |                                       | -            |          |  |
|        |       |          | Qtz. 25% Tourm. 3-2%                               | 2        |          |                |                                       |              |          |  |
|        |       |          | Py. tr.  |          |          | <u> </u>       |                                       |              |          |  |
|        |       |          | tourm v.f.gr.                                      |          |          |                |                                       |              |          |  |
|        |       |          | discome unla clara functiona                       |          |          |                | · · · · · · · · · · · · · · · · · · · | <br>         |          |  |

py. - dissem. xyls along fractures

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|          |             |       |

|         | DIP TEST     |           |  |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|--|
|         | Angle        |           |  |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |  |
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|         |              |           |  |  |  |  |  |  |  |  |

| Hole No. 86-19 Sheet No. 4  | Lat.         | Total Depth | ,    |
|-----------------------------|--------------|-------------|------|
| Section                     |              |             | SMP  |
| Date Begun                  | Bearing      | Claim       | - 50 |
| Date Finished Oct. 22, 1986 | Elev. Collar | Core Size   | BQ   |
| Date Logged Oct. 22, 1986   |              |             |      |

| DE F<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                      | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |      |   |  |
|--------------|----------|----------|--|------------|------|----|--------------------|------|---|--|
| 30.8         | 8 36     | 25 5.37m | Aplite; predom. f. gr.; meddk. grey due          |            |      |    |                    |      |   |  |
|              |          | 100%     | to tourm, content; light to mod. Mn & Fe         |            |      |    |                    |      |   |  |
|              |          |          | stain in fractures & scattered through core;     |            |      |    |                    |      |   |  |
|              |          |          | 80 cm section of block to c. gr. pegm.           |            |      |    |                    |      |   |  |
|              |          |          | Feldspar 60% Musc.<br>Qtz. 25% Tourm. 5-8%       | 6          |      |    |                    |      |   |  |
|              |          |          | 5-8% tourm v.f.g. clusters and bands             | О          |      |    |                    | <br> |   |  |
|              |          |          | musc. 8% - m-f. gr.                              |            |      |    |                    | <br> |   |  |
|              |          |          | Garnet 1-2%                                      |            |      |    |                    |      |   |  |
|              |          |          | garnet - f.g. dissem. pink                       |            |      |    |                    |      |   |  |
|              |          |          | N.B. 34.75 -35.55 m; c. gr. equigranular         |            |      |    |                    |      |   |  |
|              |          |          | tr. flour-apatite and diss. py.                  |            |      |    |                    |      |   |  |
|              |          |          | Feldspar 65% Musc. 10%                           |            |      |    |                    |      | 1 |  |
|              |          |          | Qtz. 25% Tourm. tr. v.f.q                        | . tr.      | ·    |    |                    |      |   |  |
|              |          | -        | Fractures: 35.0 m @ 20 <sup>0</sup> to core axis |            |      |    | ·                  |      | į |  |
| <b> </b>     |          |          | 35.85 m 0 0 to core axis                         |            |      |    |                    |      |   |  |
|              |          |          |  | <u> </u>   |      |    |                    |      |   |  |
|              |          |          |  |            |      |    |                    |      |   |  |

# DIAMOND DR \_ RECORD

| PROPERTY_ | HELLROARING | CREEK |
|-----------|-------------|-------|
|           |             |       |

|         | DIP TEST |           |
|---------|----------|-----------|
|         | An       | gle       |
| Footage | Reading  | Corrected |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |
|         | J        | <u></u>   |

| Hole No86     | 5-19 Sheet No |               |
|---------------|---------------|---------------|
|               |               |               |
| Date Beaun    | Oct. 21, 1986 | Bearing       |
| Date Finished | Oct. 22, 198  | 6 Flay Colles |
| Date Logged   | 1104 22 109   | 6             |

| Total Donah  |     |
|--------------|-----|
| Total Depth_ | SMP |
| Logged By    |     |
| Claim        |     |
| Core Site    | BQ  |

| DE FROM | TO  | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |          |          |   |
|---------|---|----------|--|------------|------|----|--------------------|--|----------|----------|---|
| 36.2    | 538.1   | 1.85 m   | Equigranular - aplite: m-c gr.; dk. grey due                           |            |      |    |                    |  |          |          |   |
|         |   | 100%     | to tourm. content to rusty and greenish hues;                          |            |      |    |                    |  |          |          |   |
|         |   |          | heavy to light Fe and Mn stain along                                   |            |      |    |                    |  |          |          |   |
|         |   |          | fractures and through small zones in core:                             |            |      |    |                    | ······································ |          |          |   |
|         |   |          | Feldspar 65% Musc. 3-5%  |            |      |    |                    |  |          |          |   |
|         |   |          | Qtz. 20-15% Tourm. 8-10%   | 6 3        |      |    |                    |  |          |          | ļ |
|         |   |          | Garnet 2%  |            |      |    |                    |  | <u> </u> | ļ        |   |
|         |   |          | tourm f.g. feathery, bottom 1 m is c-m g.                              |            |      |    |                    | · · · · · · · · · · · · · · · · · · ·  |          |          |   |
|         |   |          | tr. Py; flour - Apatite  |            |      |    |                    |  |          | <u> </u> |   |
| 38.1    | 3.1339.67 1.57 m Equigranular: m-c gr.; medlight grey negl. |          | Equigranular: m-c gr.; medlight grey negl. to v. light Fe, Mn Ma stain |            |      |    |                    |  |          |          |   |
|         |   |          |  |            |      |    |                    |  |          | ,        |   |
|         |   |          | Feldspar 55% Musc. 3-4%  |            |      |    |                    |  |          |          |   |
|         |   |          | Qtz. 40%   |            |      |    |                    |  |          |          |   |
|         |   |          | Autunite tr.   |            |      |    | ·                  |  |          |          |   |
|         |   |          | tourm. tr v.f. gr.   | tr.        |      |    |                    |  |          |          |   |
|         |   |          | autunite tr bright apple green @ 38.85 m                               |            |      |    |                    |  |          |          |   |
|         |   |          |  |            |      |    |                    |  |          |          |   |
|         |   |          |  |            |      | i  |                    |  |          |          |   |

| PROPERTY | HELLROARING | CREEK |
|----------|-------------|-------|
|          |             |       |

|         | DIP TEST     |           |  |  |  |  |  |  |  |
|---------|--------------|-----------|--|--|--|--|--|--|--|
|         |              | gle       |  |  |  |  |  |  |  |
| Footage | Reading      | Corrected |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |
|         | <del> </del> |           |  |  |  |  |  |  |  |
|         |              |           |  |  |  |  |  |  |  |
|         | 1.           |           |  |  |  |  |  |  |  |

| Hole No. 86-19 Sheet No. 6 | Lat          | Total Depth   |
|----------------------------|--------------|---------------|
| Section                    | Dep          | Logged By SMP |
| Date Begun                 | Bearing      | Claim         |
| Date Finished              | Elev. Collar | Core SizeBQ   |
| Date Logged Oct. 23, 1986  |              |               |

| DE<br>FROM     | TO             | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |                                       |   |  |
|----------------|----------------|----------|---|------------|------|----|--------------------|---------------------------------------|---|--|
| 39 <b>.6</b> 7 | 42,07          | 2.4      | Aplite: f. gr.; dark grey due to tourm.; light  |            |      |    |                    |                                       |   |  |
|                |                | 100%     | Fe stain to heavy Fe, Mn stain along fractures  |            |      |    |                    |                                       |   |  |
|                |                |          | Feldspar         45%         Musc.         2-3%           Qtz.         35%                              | 7 1        |      |    |                    |                                       |   |  |
|                |                |          | Garnet 0.5% Tourm. 8%   |            |      |    |                    | · · · · · · · · · · · · · · · · · · · |   |  |
|                |                |          | tourm pred.in v.f. gr. clusters  Fractures: 42.0m @ 5 <sup>0</sup> to core axis                         |            |      |    |                    |                                       | • |  |
| 42.07          | 45 <b>.2</b> 5 | 3.8      | Equigranular: m-c gr.; med. to slightly rusty grey  |            |      |    |                    |                                       |   |  |
|                |                | 100%     | light to med. Fe stain; light Mn stain  |            |      |    |                    |                                       | - |  |
|                |                |          | Feldspar 50% Musc. 12-10%   |            |      |    |                    |                                       | , |  |
|                |                | -        | Qtz. 35-30% (m-f.g.)  3% tourm scattered  | 2 1        |      |    |                    |                                       |   |  |
| 15. 25         | 46.32          | 1.07     | Aplite: f.g.; dark grey; megl. to lt. Fe stain  |            |      |    |                    |                                       |   |  |
|                |                | 100%     | Feldspar         50%         Musc.         5%           Qtz.         30-35%         Tourm.         8.6% | 7 tr.      |      |    |                    |                                       |   |  |
|                |                |          | Garnet 1%   | ,          |      |    |                    |                                       |   |  |

| DOODEDTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
| PROPERTY | DELLKUAKING | CKEEN |  |

|         | DIP TEST |           |                      |      |
|---------|----------|-----------|----------------------|------|
|         | Ап       | gle       | 0.0                  |      |
| Footage | Reading  | Corrected | Hole No. 86-19 Sheet | No   |
|         |          |           | Section              |      |
|         |          |           | Date Begun           |      |
|         |          |           | Date Finished        |      |
|         |          |           | Date Longed Oct. 23. | 1986 |

| Hole No. 86-19 Sheet No. 7 | Lat          | Total Depth   |
|----------------------------|--------------|---------------|
| Section                    | Dep          | Logged By SMP |
| Date Begun                 | Bearing      | Claim         |
| Date Finished              | Elev. Collar | Core SizeBQ   |
|                            |              | •             |

| DEF  | TH.  | RECOVERY  |  | nes-        | CRIPTION    | · · · · · · · · · · · · · · · · · · · | 6448, 54   | 5004 |    | WIDTH     |             | T |      |
|------|------|-----------|--|-------------|-------------|---------------------------------------|------------|------|----|-----------|-------------|---|------|
| FROM |      |           |  |             |             |                                       | SAMPLE No. | FROM | то | OF SAMPLE | <del></del> | ļ | <br> |
| 46.2 | 47.5 | 1.18 m    | Equigranular   | : m-c gr.;  | med. grey w | with rusty zones                      |            |      |    |           |             |   |      |
|      |      |           | due to light   | : Fe and Mn | stain thro  | ugh core                              |            |      |    |           |             |   |      |
|      |      |           |  |             |             |                                       |            |      |    |           |             |   |      |
|      |      |           | Feldspar   | 50%         | Musc.       | 5-8%                                  |            |      |    |           |             |   |      |
|      |      |           | Qtz.   | 35-40%      | Tourm       | trace (v.f.gr                         | .) tr.     |      |    |           |             |   |      |
| 47.5 | 57.7 | 5 10.26 m | Aplite: f. g   | ır.; light  | to med. gre | y; "peppered"                         |            |      |    |           |             |   |      |
|      |      | 100%      | with v.f. g.   | tourm and   | gt.; tr. Fo | e stain:                              |            |      |    |           |             |   |      |
|      |      |           | 1.2 m band o   | f m. g. in  | equigranula | r rock with                           |            |      |    |           |             |   |      |
|      |      |           | c. gr. tourm   | 1           |             |                                       |            |      |    |           |             |   |      |
|      |      |           |  |             |             |                                       |            |      |    |           |             |   |      |
|      |      |           | Feldspar   | 60%         | Musc.       | 4%                                    |            |      |    |           |             |   |      |
|      |      |           | Qtz.   | 30%         | Tourm       | 5%                                    | 5          |      |    |           |             |   |      |
|      |      |           | Tourm - v.f.   | gr. disse   | m.          |                                       |            |      |    |           |             |   |      |
|      |      | N.B.      | 52.6 <sup>0</sup> - 53.8   | 0 m Equigr  | anular - ap | litic;                                |            |      |    |           |             |   |      |
|      |      |           | Feldspar   | 60%         | Musc.       | 5%                                    |            |      |    |           |             |   |      |
|      |      |           | Qtz.   | 30%         | Tourm       | 5%(c.g.&m-f.g                         | ) 3 2      |      |    | ,         |             |   |      |
|      |      |           | Garnet   | 3-2%        |             |                                       |            |      |    |           |             |   |      |
|      |      |           | The state of the s |             | ·           |                                       |            |      |    |           |             |   |      |
|      |      |           |  |             |             |                                       |            |      |    |           |             |   |      |
|      |      |           |  |             |             |                                       |            |      |    |           |             |   |      |

| PROPERTY | HELLROARING CREEK |
|----------|-------------------|
| PROPERTI |                   |

|         | DIP TEST |           |
|---------|----------|-----------|
|         | An       | gle       |
| Footage | Reading  | Corrected |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |
|         |          |           |

| Hole No. 86-19 Sheet No. 8  | Lat          | Total Depth   |
|-----------------------------|--------------|---------------|
| Section                     |              | Logged By SMP |
| Date Begun                  | Bearing      | Claim         |
| Date Finished Oct. 22, 1986 | Elev. Collar | ClaimBQ       |
| Oct. 23, 1986               |              |               |

| DE   | PTH<br>TO | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |              |          |   |  |
|------|-----------|----------|---|------------|------|----|--------------------|--------------|----------|---|--|
|      |           | 15.42 m  | Aplite: f.g.; med. to light grey; greenish        |            |      |    |                    |              |          |   |  |
|      |           | 100%     | hue; moderate Fe stain and light Mn stain         |            |      |    |                    |              |          | - |  |
|      |           |          | along and within fractures                        |            |      |    |                    |              |          |   |  |
|      |           |          | Feldspar 55% Musc. 8% f. gr. w                    | minor cg   |      |    |                    |              |          |   |  |
|      |           |          | Qtz. 30% Tourm. 2% v.f. gr.                       | dissem.2   |      |    |                    |              |          |   |  |
|      |           |          | Garnet 4-3% tr. sulphides oxidized                |            |      |    |                    |              |          |   |  |
|      |           |          | garnet - in clusters & bands; dissem.             |            |      |    |                    |              |          |   |  |
|      |           |          | Fractures: 59.80 m @ 35 <sup>0</sup> to core axis |            |      |    |                    |              |          |   |  |
|      |           |          | 64.15 m @ 15 <sup>0</sup> to core axis            |            |      |    |                    |              |          |   |  |
|      |           |          | 67.00 m @ 60 <sup>0</sup> to core axis            |            |      |    |                    |              |          |   |  |
|      |           |          |   |            |      |    |                    |              |          |   |  |
| 71.4 | 772.8     | 7 1.47   | Similar to above alternating with meta-           |            |      |    | ļ                  | <del> </del> |          |   |  |
|      |           | · 100%   | aldridge: f.g. Aldridge is composed pred.         | ļ          |      |    |                    |              | <u> </u> |   |  |
|      |           |          | of 50% qtz.; 25% musc.; 25% tourm.                |            |      |    |                    |              |          |   |  |
|      |           |          | contacts vary and are contorted                   |            |      |    |                    |              |          |   |  |
|      |           | -        | Foliation: @ 72 m is 86 <sup>0</sup> to core axis |            |      |    |                    |              |          |   |  |
|      |           |          |   |            |      |    |                    | <u> </u>     | ļ        |   |  |
|      |           |          |   |            |      |    |                    |              |          |   |  |
|      |           |          |   |            |      |    |                    |              |          |   |  |
|      |           |          |   |            |      |    |                    |              |          |   |  |

| PROPERTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
|          |             |       |  |

|         | DIP TEST     |           |
|---------|--------------|-----------|
|         |              | gle       |
| Footage | Reading      | Corrected |
|         | <del> </del> |           |
|         | †            |           |
|         |              |           |
|         | ·            |           |
|         |              |           |

| Hole No. 86-19 Sheet No. 9  | Lat          | Total Depth 81.70 m Logged By SMP |
|-----------------------------|--------------|-----------------------------------|
| Date Begun                  | Bearing      | ClaimBQ                           |
| Date Finished Oct. 23, 1986 | Elev. Collar | Core Size = -4                    |

| DE!   | TO TO | RECOVERY | DESCRIPTION  | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |  |   |  |
|-------|-------|----------|--|------------|------|----|--------------------|--|---|--|
| 72.87 | 74.12 | 1.25 m   | Equigranular; mc. g.; medlt. grey;                       |            |      |    |                    |  |   |  |
|       |       | 100%     |  |            |      |    |                    |  |   |  |
|       |       |          | Feldspar 50% Musc. 8-10%                                 |            |      |    |                    |  |   |  |
|       |       |          | Qtz. 40% Tourm. tr. (f. gr.)                             | tr.        |      |    |                    |  |   |  |
|       |       |          | tr. py; diss. xyl. f. g.                                 |            |      |    |                    |  |   |  |
|       |       |          |  |            |      |    |                    |  |   |  |
| 74.12 | 77.12 |          | Similar to above alternating with meta-                  |            |      |    |                    |  |   |  |
|       |       | 100%     | Aldridge:  |            |      |    |                    |  |   |  |
|       |       |          | Foliation: @ 75.95 m is 25 to core axis                  |            |      |    |                    |  |   |  |
|       |       |          | Contact with lower Aldridge 75 <sup>0</sup> to core axis |            |      |    |                    |  | , |  |
|       |       |          |  |            |      |    |                    |  |   |  |
| 77.12 | 81.7  | 4.58 m   | Meta-Aldridge: m. gr. to fine gr. at bottom              |            |      |    |                    |  |   |  |
|       |       | 100%     | fractures parallel to foliation:                         |            |      |    |                    |  |   |  |
|       | EOH   |          | 0 77.92 m 30° to core axis                               |            |      |    |                    |  | , |  |
|       |       |          | 78.80 m 20° to core axis                                 |            |      |    |                    |  |   |  |
|       |       |          | 80.44 m 30 <sup>0</sup> to core axis                     |            |      |    |                    |  |   |  |
|       |       |          |  |            |      |    | ·                  |  |   |  |
|       |       |          |  |            |      |    |                    |  |   |  |
|       |       |          |  |            |      |    |                    |  |   |  |
|       |       |          |  |            |      |    |                    |  |   |  |
|       |       |          | E.O.H.   |            |      |    |                    |  |   |  |

### DIAMOND DRI ( RECORD

PROPERTY HELLROARING CREEK

HOLE No. DDH 86-20

| DIP TEST |              |           |  |  |  |  |  |  |
|----------|--------------|-----------|--|--|--|--|--|--|
| Angle    |              |           |  |  |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |  |  |
|          | <del> </del> |           |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |
|          |              |           |  |  |  |  |  |  |
|          | <del> </del> |           |  |  |  |  |  |  |
|          | 1            |           |  |  |  |  |  |  |

Lat.

Dep. Vertical

Bearing

Elev. Collar 1643 m.

Total Depth 104.6 m

Logged By D.H.

Claim

Core Size 3.5 cm (B.Q.)

| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                     | SAMPLE         |  | FROM | то | WIDTH<br>OF SAMPLE |       |   |  |
|-------------|----------|----------|---|----------------|--|------|----|--------------------|-------|---|--|
| 1:1         | 11.9     |          | Block, poorly developed, to equigranular        | TOURM<br>v.ff. |  | -C   |    |                    |       |   |  |
|             |          |          | Light gy., fcoarse crystalline with med. coarse |                |  |      |    |                    |       |   |  |
|             |          |          | tourm. crystals and f. crystalline disseminated |                |  |      |    |                    |       |   |  |
|             |          |          | tourm. throughout, scattered light Fe staining, |                |  |      |    |                    |       |   |  |
|             |          |          | traces of manganese staining minor intervals of |                |  |      |    |                    |       |   |  |
|             |          |          | aplitic material                                |                |  |      |    |                    |       |   |  |
|             |          |          |   |                |  |      |    |                    |       |   |  |
|             |          |          | Feldspar 60% Musc. 9%                           |                |  |      |    |                    | <br>  |   |  |
|             |          |          | Qtz. 27% Tourm 4%                               | 2 2            |  |      | ·  |                    |       |   |  |
|             |          |          |   |                |  |      |    |                    | <br>  |   |  |
| 11.9        | 74.7     |          | Block, quartz massive, light gy., coarse-v.     |                |  |      |    |                    |       |   |  |
|             |          |          | coarse crystalline scattered light Fe staining. |                |  |      |    |                    | <br>  | / |  |
|             |          |          | Quartz 100%                                     |                |  |      |    |                    | <br>ļ |   |  |
|             |          |          |   |                |  |      |    |                    | <br>  |   |  |
| 14.7        | 15.5     | <u> </u> | Block v. light gylt. gy., coarse crystalline,   |                |  |      |    |                    |       |   |  |
|             |          |          | fractured throughout                            |                |  |      |    |                    | <br>  |   |  |
|             |          |          |   |                |  |      |    |                    | <br>  |   |  |
|             |          |          | Feldspar 75% Musc. 3%                           |                |  |      |    |                    |       |   |  |
|             |          |          | Qtz. 22%  | 0 0            |  |      |    |                    | <br>  |   |  |
|             |          |          |   |                |  |      |    |                    |       |   |  |
|             | į        | į        |   |                |  | ļ    |    |                    |       |   |  |

| PROPERTY_ | HELLROARING CREEK |   |
|-----------|-------------------|---|
|           |                   | _ |

|         | DIP TEST |           |                            |              |             |
|---------|----------|-----------|----------------------------|--------------|-------------|
|         | An       | gle       |                            |              |             |
| Footage | Reading  | Corrected | Hole No. 86-20 Sheet No. 2 | _ Lat        | Total Depth |
|         |          |           | Section                    | Dep          | Logged By   |
|         |          |           | Date Begun                 | Bearing      | Claim       |
|         |          |           | Date Finished              | Elev. Collar | Core Size   |
|         | J1       |           | Date Logged                |              |             |

| DEF<br>FROM | TH   | RECOVERY       |              | DESC  | RIPTION     |  | T            | . Т  | T        | WIDTH     | I | T            | T  | <u> </u> |
|-------------|------|----------------|--------------|---|-------------|--|--------------|--|----------|-----------|---|--------------|--|----------|
| FROM        | то   | , and a second |              | DESC  | RIPTION     |  | SAMPLE I     | A FROM   | то       | OF SAMPLE |   | <u> </u>     | ļ  |          |
| 15.5        | 18.5 |                | Equigranular | Equigranular v. light gy., f. crystalline aplitic |             |  |              |  |          |           |   |              |  |          |
| ·           |      |                | in part fm   | ed. crystall                                      | ine tourm.  | disseminated                           |              |  |          |           |   |              |  |          |
|             |      |                | throughout,  | scattered li                                      | ght Fe stai | ning and traces                        |              |  |          |           |   |              |  |          |
|             |      |                | of manganese | staining  |             |  |              |  |          |           |   |              |  |          |
|             |      |                |              |   |             |  |              |  |          |           |   |              |  |          |
|             |      |                | Feldspar 60  | %   | Musc.       | 4%                                     |              |  |          |           |   |              |  |          |
|             |      |                | Qtz. 28      | %   | Tourm.      | 8%                                     | 5 3          |  |          |           |   |              |  |          |
|             |      |                |              |   |             |  |              |  |          |           |   |              |  |          |
|             |      |                |              |   |             |  |              |  |          |           |   |              |  |          |
| ļ           |      |                |              |   |             |  |              |  |          |           |   |              |  |          |
|             |      |                |              |   |             |  |              |  | <b>†</b> |           |   |              |  |          |
|             |      |                |              |   |             |  |              |  |          |           |   |              | <u> </u>   |          |
|             |      |                |              |   |             | · · · · · · · · · · · · · · · · · · ·  |              | 1  |          |           |   |              |  |          |
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|             |      |                | ·            | · · · · · · · · · · · · · · · · · · ·             |             |  |              |  |          |           |   |              |  | ļ — — —  |
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|             |      |                |              |   |             |  |              | 1  |          |           |   | <del> </del> |  |          |
|             |      |                |              |   |             |  |              |  | -        |           |   | <u> </u>     |  |          |
|             |      |                |              |   |             | ************************************** |              |  |          |           |   |              | <del>                                     </del> |          |
| -           |      |                |              | <del></del>                                       |             |  |              | <del>                                     </del> |          |           |   |              | <b></b>  |          |
|             |      |                |              |   |             |  |              |  |          |           |   | l            |  |          |

| PROPERTY HELLROAL | RING CREEK |
|-------------------|------------|
|-------------------|------------|

|         | DIP TEST |           |               |         |              |          |
|---------|----------|-----------|---------------|---------|--------------|----------|
|         | An       | gie       | 86-20         | 3       |              |          |
| Footage | Reading  | Corrected | Hole No S     | heet No | Lat          | Total De |
|         | -        |           | Section       |         | Dep          | Logged   |
|         |          |           | Date Begun    |         | Bearing      | Claim    |
|         |          |           | Date Finished |         | Elev. Collar | Core Siz |
| L       |          |           | Date Logged   |         |              |          |

| DEF  |      | RECOVERY | DESCRIPTION                                     | SAMPLE No | SPON     | то       | WIDTH     |          |          |          |
|------|------|----------|---|-----------|----------|----------|-----------|----------|----------|----------|
| FROM |      |          |   | SAMPLE NO | FROM     | 10       | OF SAMPLE |          |          |          |
| 18.5 | 20.1 |          | Block v. light gy. coarse crystalline, clean.   |           |          | <u> </u> |           | <u> </u> | ļ        | ļ        |
|      |      |          |   |           |          |          |           |          |          |          |
|      |      |          | Feldspar 75% Musc. 5%                           |           |          |          |           |          |          |          |
|      |      |          | Qtz. 20%  | 0 0       |          |          |           |          | <u> </u> |          |
|      |      |          |   |           |          |          |           |          |          |          |
| 20.1 | 25.8 |          | Equigranular light gy., gy. brn. with scattered |           |          |          |           |          |          |          |
|      |      |          | manganese staining med. crystalline scattered   |           |          |          |           |          |          | <u> </u> |
|      |      |          | f. crystalline disseminated tourm., light to    |           |          |          |           |          |          |          |
|      |      |          | heavy Fe staining, fractured in part, med.      |           |          |          |           |          |          |          |
|      |      |          | crystalline tourm. toward base.                 |           |          |          |           |          |          |          |
|      |      |          |   |           |          |          |           |          |          |          |
|      |      |          | Feldspar 55% Musc. 7%                           |           |          |          |           |          |          |          |
|      |      |          | Qtz. 29% Tourm. 9%                              | 7 2       |          |          |           |          |          |          |
|      |      |          |   |           |          |          |           |          | 1        |          |
| 25.8 | 27.7 |          | Block light gygy. coarse crystalline, traces    |           | <u> </u> |          |           |          |          |          |
|      |      |          | of f. crystalline tourm. scattered light Fe     |           |          |          |           |          |          | <u> </u> |
|      |      | -        | staining, some manganese staining. Med.         |           |          |          |           |          |          |          |
|      |      |          | crystalline tourm. toward base                  |           |          |          |           |          |          |          |
|      |      |          |   |           |          |          |           |          |          |          |
|      |      |          | Feldspar 60% Musc. 15%                          |           |          |          |           |          |          |          |
|      |      |          | Q <sub>tz</sub> . 23% Tourm. 1-2%               | 1 .5      |          |          |           |          |          |          |

# DIAMOND DR . RECORD

### PROPERTY HELLROARING CREEK

|         | DIP TEST |           |
|---------|----------|-----------|
|         | Ang      | ie        |
| Footage | Reading  | Corrected |
|         | +        |           |
|         |          |           |
|         |          |           |
|         | 11       |           |

| DEF  | TH<br>TO | RECOVERY |             |             | DESCRIPT                              | ION                                    |                                       | SAMPLE No.                                       | FROM     | то | WIDTH<br>OF SAMPLE |                                       |   |   |   |
|------|----------|----------|-------------|-------------|---------------------------------------|--|---------------------------------------|--|----------|----|--------------------|---------------------------------------|---|---|---|
| 27.7 | 31.8     |          | Equigranu   | lar ligh    | t gygy.                               | fmed.                                  | crystalline                           |  |          |    |                    |                                       |   |   |   |
|      |          |          | f. crysta   | lline to    | urm. disse                            | minated                                | throughout                            |  |          |    |                    |                                       |   |   |   |
|      |          |          | scattered   | Fe and i    | manganese                             | staining                               |                                       |  |          |    |                    |                                       |   |   |   |
|      |          |          | ·           |             |                                       |  |                                       |  |          |    |                    |                                       |   |   |   |
|      |          |          | Feldspar    | 55%         | ·····                                 | Musc.                                  | 3%                                    |  |          |    |                    |                                       |   |   |   |
|      |          |          | Qtz.        | 37%         |                                       | Tourm.                                 | 5%                                    | 5 0  |          |    |                    |                                       |   |   |   |
|      |          |          |             |             |                                       |  |                                       | <u> </u>   | ļ        |    |                    |                                       |   |   |   |
|      |          |          |             |             |                                       |  |                                       |  |          |    |                    |                                       |   |   |   |
|      |          |          |             |             | ·····                                 |  |                                       |  |          |    |                    |                                       |   |   |   |
|      |          |          |             | ******      | · · · · · · · · · · · · · · · · · · · |  | · · · · · · · · · · · · · · · · · · · |  | ļ        |    |                    |                                       |   |   |   |
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| -    |          | -        |             |             |                                       | ······································ |                                       |  |          |    |                    | <br>                                  |   |   |   |
|      |          |          |             |             |                                       |  |                                       | <del>                                     </del> |          | ,  |                    |                                       |   |   |   |
|      |          |          |             |             | ····                                  |  |                                       |  | 1        |    |                    |                                       |   |   |   |
|      |          |          |             |             |                                       | <del></del>                            |                                       |  |          |    |                    |                                       |   |   |   |
|      |          |          | <del></del> |             |                                       |  |                                       |  | <b></b>  |    |                    | · · · · · · · · · · · · · · · · · · · |   |   |   |
|      | l        | 1        |             |             |                                       |  |                                       | <u> </u>   | <u> </u> |    |                    | ·                                     | L | L | L |

# DIAMOND DR ( . RECORD

| PROPERTY | HELLROARING | CREEK |  |
|----------|-------------|-------|--|
|          |             |       |  |

|         | DIP TEST     |           |  |  |  |
|---------|--------------|-----------|--|--|--|
|         | Angle        |           |  |  |  |
| Footage | Reading      | Corrected |  |  |  |
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|         | 1            |           |  |  |  |

| Hole No. 86-20 Sheet No. 5 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 |              | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM | TO   | RECOVERY | DESCRIPTION                                     | SAMPLE No.   | FROM     | то       | WIDTH<br>OF SAMPLE |                  |               | 1            |
|------|------|----------|---|--------------|----------|----------|--------------------|------------------|---------------|--------------|
| 31.8 | 33.0 | )        | Diorite highly altered, shear zone?,            |              |          |          |                    |                  |               |              |
|      |      |          | heavily Fe stained, rounded feldspar grains.    |              |          |          |                    |                  |               |              |
|      |      |          |   |              |          |          |                    |                  |               |              |
| 33.d | 36.7 | 7        | Equigranular, gy. brn. med. crystalline heavily |              |          |          |                    |                  |               |              |
|      |      |          | Fe and manganese stained with medf. tourm.      |              |          |          |                    | <br>             | <u> </u>      |              |
|      |      |          | crystals disseminated throughout and fractured  |              |          |          |                    |                  |               |              |
|      |      |          | throughout Fe & Mn stain                        |              |          |          |                    | ļ <u>.</u>       | ļ             |              |
|      |      |          |   |              | ļ        | <u> </u> |                    | <br><del> </del> |               |              |
|      |      |          | Feldspar 60% Musc. 5%                           |              | <u> </u> |          | <u> </u>           | <br><del> </del> | -             | <del> </del> |
|      |      |          | Qtz. 31% Tourm. 4%                              | 2 2          |          |          |                    | -                | ļ             |              |
| 36.7 | 40.  | 4.       | Block, poorly developed to equigranular gy.,    |              |          |          |                    |                  |               |              |
|      |      |          | gy. brn. moderate to heavy Fe staining, med. to | ļ            |          |          |                    | <br><del> </del> | -             |              |
|      |      |          | coarse crystalline, some scattered manganese    | <del> </del> | <u> </u> |          |                    | <br><del> </del> | <del> '</del> | <del> </del> |
|      |      |          | staining, intervals of f. crystalline           | <del> </del> |          |          |                    | <br><del> </del> | -             | <del> </del> |
|      |      | -        | disseminated tourm.                             |              |          |          |                    | <br>             | <del> </del>  |              |
|      |      |          | Feldspar 55% Musc. 12%                          |              |          |          |                    |                  |               |              |
|      |      |          | Qtz. 30% Tourm. 3%                              | 3 0          |          |          |                    | <br><u> </u>     |               |              |
|      |      |          |   |              |          |          |                    | <br><del> </del> |               |              |
|      |      |          |   |              |          |          |                    |                  |               |              |

| PROPERTY_     | HELLROARING | CREEK |
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| DIP TEST |              |           |  |  |  |  |
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|          | Angle        |           |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |
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|          | <del> </del> |           |  |  |  |  |

| Hole No Sheet No6 | Lat          | Total Depth        |
|-------------------|--------------|--------------------|
| Section           | Dep          | Logged By          |
| Date Begun        | Bearing      | Claim              |
| Date Finished     | Elev. Collar | Core Size 3.5cm BQ |
| Date Lagged       |              |                    |

| DE!  | TH<br>TO | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |         |  |
|------|----------|----------|--|------------|------|----|--------------------|---|---------|--|
| 40.4 | 41.9     |          | Equigranular, gy. gy. brn., light-moderate     |            |      |    |                    |   |         |  |
|      |          |          | Fe staining, med. crystalline, f. crystalline  |            |      |    |                    |   |         |  |
|      |          |          | disseminated tourm. throughout, scattered      |            |      |    |                    |   |         |  |
|      |          |          | manganese staining                             |            |      |    | ·                  | · |         |  |
|      |          |          | Feldspar 58% Musc. 5%                          |            |      |    |                    |   |         |  |
|      |          |          | Otz. 33% Tourm. 4%                             | 4 0        |      |    |                    |   | <u></u> |  |
| 41.9 | 42.9     |          | Diorite, highly altered shear zone?            |            |      |    |                    |   |         |  |
|      |          |          | heavily Fe stained                             |            |      |    |                    |   |         |  |
| 42.9 | 44.9     |          | Equigranular red brn., dk. brn. heavily Fe and |            |      |    |                    |   |         |  |
|      |          |          | manganese stained, disseminated medf.          |            |      |    |                    |   |         |  |
|      |          |          | crystalline tourm. throughout, traces of       |            |      |    |                    |   | <br>    |  |
|      |          |          | sericite                                       |            |      |    |                    |   |         |  |
|      |          | -        | Feldspar 50% Musc. 10%                         |            |      |    |                    |   |         |  |
|      |          |          | Qtz. 28% Tourm. 12%                            | 6 6        |      |    |                    |   |         |  |
|      |          |          |  |            |      |    |                    |   |         |  |
|      |          |          |  |            |      |    |                    |   | ·       |  |

| PROPERTY | HELLROARING | CREEK |
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|         | DIP TEST |           |                |
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|         | An       | gle       | 96 20          |
| Footage | Reading  | Corrected | Hole No. 86-20 |
|         |          |           | Section        |
|         |          |           | Date Begun     |
|         |          |           | Date Finished  |
|         |          |           | Date Looned    |

| Hole No. 86-20 Sheet No. 7 | Lot          | Total Depth        |
|----------------------------|--------------|--------------------|
| Section                    | Dep          | Logged By          |
| Date Begun                 | Bearing      | Claim              |
| Date Finished              | Elev. Collar | Core Size 3.5cm BQ |
|                            |              |                    |

| DEI  | TO                                | RECOVERY |                                       |                                       | DESCRIPTION                            | an amin'ny sort-transportation of the second | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |      |         |  |
|------|-----------------------------------|----------|---------------------------------------|---------------------------------------|--|--|------------|----------|----|--------------------|------|---------|--|
| 44.9 |                                   |          | Block, gy                             | light gy.                             | some light Fe                          | e staining   |            |          |    |                    |      |         |  |
|      |                                   |          | coarse cr                             | ystalline,                            | scattered mode                         | erate to heavy   |            |          |    |                    |      |         |  |
|      |                                   |          | Fe staini                             | ng with sca                           | ittered mangand                        | ese staining   |            |          |    |                    |      |         |  |
|      |                                   |          | Feldspar                              | 50%                                   | Musc                                   | . 10%  |            |          |    |                    |      |         |  |
|      | · · · · · · · · · · · · · · · · · |          | Qtz.                                  | 40%                                   | Tour                                   | m. tr.   | tr. tr     |          |    |                    |      |         |  |
|      |                                   |          |                                       |                                       | ······································ |  |            |          |    |                    |      |         |  |
|      |                                   |          |                                       |                                       |  |  |            |          |    |                    |      |         |  |
|      |                                   |          |                                       | · · · · · · · · · · · · · · · · · · · |  |  |            |          |    |                    |      |         |  |
|      |                                   |          |                                       |                                       |  |  |            | <u> </u> |    |                    |      |         |  |
|      |                                   |          |                                       |                                       |  |  |            | ļ        |    |                    |      |         |  |
|      |                                   |          | ····                                  |                                       |  |  | ļ          | ļ        |    |                    |      |         |  |
|      |                                   |          |                                       |                                       |  |  |            | <u> </u> |    |                    |      |         |  |
|      |                                   |          |                                       |                                       |  |  |            |          |    |                    | <br> | <u></u> |  |
|      |                                   | -        |                                       |                                       |  |  |            | ļ        |    |                    | <br> | ļ       |  |
|      |                                   |          |                                       |                                       |  |  |            | <u> </u> |    |                    | <br> |         |  |
|      |                                   |          |                                       |                                       |  |  |            | ļ        |    |                    | <br> |         |  |
|      |                                   |          | · · · · · · · · · · · · · · · · · · · |                                       |  |  |            |          |    |                    |      |         |  |
|      | ···                               |          |                                       |                                       |  |  |            | ļ        |    |                    |      |         |  |
|      |                                   |          |                                       |                                       |  |  |            |          |    |                    |      |         |  |

# DIAMOND OF LL RECORD

| PROPERTY | HELLROARING CREEK |  |
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| DIP TEST |              |           |  |  |  |  |  |
|----------|--------------|-----------|--|--|--|--|--|
|          | Angle        |           |  |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |  |
|          |              |           |  |  |  |  |  |
|          | <u> </u>     |           |  |  |  |  |  |
|          | <del> </del> |           |  |  |  |  |  |
|          |              |           |  |  |  |  |  |
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| Hole No. 86-20 Sheet No8 | Lat.         | Total Depth |
|--------------------------|--------------|-------------|
|                          | Dep          | Logged By   |
| Date Begun               | Bearing      | Claim       |
| Date Finished            | Elev. Collar | Core Size   |
| Onto Laura d             |              |             |

| FROM |             | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то                                     | WIDTH<br>OF SAMPLE |   |   | <del> </del>                          |
|------|-------------|----------|---|------------|------|--|--------------------|---|---|---------------------------------------|
| 52.1 | 55.5        |          | Equigranular to block, poorly developed grey - red                                      |            |      | ······································ |                    |   | 1 |                                       |
|      |             |          | brown moderate to heavy Fe staining throughout,   |            |      |  |                    |   |   |                                       |
|      |             |          | med-coarse crystalline v.f. crystalline   |            |      |  |                    |   |   |                                       |
|      |             |          | disseminated tourm, fractured   |            |      |  |                    |   |   |                                       |
|      |             |          | Feldspar 60% Musc. 9%   |            |      |  |                    |   |   |                                       |
|      |             |          | Qtz. 25% Tourm 7%   | 7 0        |      |  |                    | - |   |                                       |
| 55.5 | 58.8        |          | Block gy light gy. Fe stained throughout scattered manganese staining                   |            |      |  |                    |   |   |                                       |
|      |             |          | Feldspar 62% Musc. 8%   |            |      |  |                    |   |   |                                       |
|      |             |          | Qtz. 30%  | 0 0        |      |  |                    |   |   |                                       |
| 58.8 | Fe staining |          | Equigranular light gy. brn., light - moderate  Fe staining throughout, med. crystalline |            |      |  |                    |   |   |                                       |
|      |             |          | with intervals of v.f. crystalline disseminated tourm                                   |            |      |  |                    |   |   |                                       |
|      |             |          | Feldspar 65% Musc. 7%   |            |      |  |                    |   |   | · · · · · · · · · · · · · · · · · · · |
|      |             |          | Qtz. 25% Tourm 3%   | 3 0        |      |  |                    |   |   |                                       |

# DIAMOND O LL RECORD

| PROPERTY | HELL ROARING CREEK |
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|         | DIP TEST | •         |
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|         | An       | gie       |
| Footage | Reading  | Corrected |
|         |          |           |
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| Hole No. 86-20 Sheet No. 9 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    |              | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DE F<br>FROM | TO   | RECOVERY | DESCRIPTION   | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |   |          |  |
|--------------|------|----------|---|------------|------|----|--------------------|---|----------|--|
| 60.8         | 103. | 5        | Equigranular to block poorly developed grey                       |            |      |    |                    |   |          |  |
|              |      |          | gry brown moderate to heavy Fe staining heavy                     |            |      |    |                    |   |          |  |
|              |      |          | manganese staining, fractured throughout, interval                | s          |      |    |                    |   |          |  |
|              |      |          | of highly contaminated rock with v.f f.                           |            |      |    |                    |   |          |  |
|              |      |          | crystalline tourm and minor amounts of coarse                     |            |      |    |                    |   | <u>'</u> |  |
|              |      |          | crystalline tourm traces of pyrite 80.9 - 81.4 m                  |            |      |    |                    |   |          |  |
|              |      |          | Feldspar 60% Musc. 11%  |            |      |    |                    |   |          |  |
|              |      |          | Qtz. 22% Tourm 7%   | 6 ]        |      |    |                    |   |          |  |
| 103.6        | 104. | 6        | Diorite dark gy. fv.f. crystalline cleavage @ 30-35° to core axis |            |      |    |                    |   |          |  |
|              |      |          | feldspar and blk. mafics (tourm)                                  |            |      |    |                    |   |          |  |
|              |      |          | Е.О.Н.  |            |      |    |                    |   |          |  |
|              |      | -        |   |            |      |    |                    |   |          |  |
|              |      |          |   |            |      |    |                    | • |          |  |
|              |      |          |   |            |      |    |                    |   |          |  |
|              |      |          |   |            |      |    |                    |   |          |  |
|              |      |          |   |            |      |    |                    |   |          |  |

| PROPERTY HELLROARING CREEK |
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|         | DIP TEST |           |  |  |  |  |
|---------|----------|-----------|--|--|--|--|
|         | Angle    |           |  |  |  |  |
| Footage | Reading  | Corrected |  |  |  |  |
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| Hole No8              | 6-21 | _ She | et No | 1 |
|-----------------------|------|-------|-------|---|
| Section               |      |       | 1006  |   |
| Section<br>Date Begun | Nov. | 2,    | 1986  |   |
| Date Finished.        | Nov. | 5,    | 1986  |   |
| Date Looged           |      |       |       |   |

| Lat           |          |    |   | <br> |
|---------------|----------|----|---|------|
| Dep6          | 50       |    |   |      |
| -             | 70       | M  |   | <br> |
| Bearing       | <u> </u> | 11 |   | <br> |
| Elev. Collar. |          | 21 | m |      |

| Total Depth 159.4 m/523' F.T.D                   |
|--|
| Total Depth 159.4 m/523' F.T.D<br>Logged By D.H. |
| Claim  |
| Core Size  |

| TH   | RECOVERY |                 | DESCR  | PTION   |  | SAME  | H F M.  | FPOM   | TO   | WIDTH  |  |   |  |   |
|------|----------|-----------------|--|---|--|---|---|--|--|--|--|---|--|---|
|      |          |                 |  |   |  | TOU   | <del>\M</del> %   | 770  | -10  | OF SAMPLE  | <u> </u>   |   |  | <b> </b> -  |
| 5.1  |          | Graphic light   | grey, med.   | crystalline   | light  | v.f-  | f. m-   | <u> </u>   |  |  |  |   |  |   |
|      |          | Fe staining.    |  |   |  | ļ   |   |  |  |  |  |   |  |   |
|      |          | i.              |  |   |  | <u> </u>  |   |  |  |  |  |   |  |   |
|      |          | <del></del>     |  | Musc.   | 6%   |   |   |  |  |  |  |   |  |   |
|      |          | Qtz.            | 25%  |   |  | 0   | 0   |  |  |  |  |   |  |   |
|      |          |                 |  |   |  |   |   |  |  |  |  |   |  |   |
| 8.6  |          | Block to equig  | ranular, l   | ight grey-gr  | ey med   |   |   |  |  |  |  |   |  |   |
|      |          | coarse crystal  | line scatt   | ered light F  | e staining   |   |   |  |  |  |  |   |  |   |
|      |          | intervals of f  | med. cry   | stalline tou  | rm.  |   |   |  |  |  |  |   |  |   |
|      |          |                 |  |   |  |   |   |  |  |  |  |   | ,  |   |
|      |          | Feldspar        | 65%  | Musc.   | 4%   |   |   |  |  |  |  |   |  |   |
|      |          | Qtz.            | 28%  | Tourm.  | 3%   | 2   | 1   |  |  |  |  |   |  |   |
|      |          |                 |  |   |  |   |   |  |  |  |  |   |  |   |
| 16.3 |          | Equigranular to | o block po   | orly develop  | ed light   |   |   |  |  |  |  |   | 1  |   |
|      |          | grey medcoar    | se crystal   | line traces   | of f   |   |   |  |  |  |  |   |  |   |
|      |          | med. tourm.     |  |   |  |   |   |  |  |  |  |   |  |   |
|      |          |                 |  |   |  |   |   |  |  | ·  |  |   |  |   |
|      |          | Feldspar        | 70%  | Musc.   | 8%   |   |   |  |  |  |  |   |  |   |
|      |          | Otz.            | 22%  | Tourm.  | tr.  | tr.   | tr.   |  |  |  |  |   |  |   |
|      |          |                 |  |   |  | <u> </u>  |   |  |  |  |  |   |  |   |
|      |          |                 |  |   |  |   |   |  |  |  |  |   |  |   |
|      | 8.6      | 8.6             | 5.1 Graphic light of Fe staining.  Feldspar Qtz.  8.6 Block to equigous coarse crystal intervals of for Feldspar Qtz.  6.3 Equigranular to grey medcoarse med. tourm.  Feldspar Feldspar | Feldspar 65% Qtz. 28%  Feldspar 65% Qtz. 28%  Feldspar 65% Qtz. 28%  Feldspar 65% Qtz. 28%  Feldspar 65% Qtz. 28% | Graphic light grey, med. crystalline Fe staining.  Feldspar 69% Musc. Qtz. 25%  Block to equigranular, light grey-gr coarse crystalline scattered light F intervals of fmed. crystalline tou  Feldspar 65% Musc. Qtz. 28% Tourm.  Feldspar account of the company develops grey medcoarse crystalline traces med. tourm.  Feldspar 70% Musc. | Graphic light grey, med. crystalline light  Fe staining.  Feldspar 69% Musc. 6%  Qtz. 25%  Block to equigranular, light grey-grey med coarse crystalline scattered light Fe staining intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4%  Qtz. 28% Tourm. 3%  6.3 Equigranular to block poorly developed light grey medcoarse crystalline traces of f med. tourm.  Feldspar 70% Musc. 8% | SAME  5.1 Graphic light grey, med. crystalline light v.f.  Fe staining.  Feldspar 69% Musc. 6%  Qtz. 25%  O  8.6 Block to equigranular, light grey-grey med coarse crystalline scattered light Fe staining intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4%  Qtz. 28% Tourm. 3% 2  6.3 Equigranular to block poorly developed light grey medcoarse crystalline traces of f med. tourm.  Feldspar 70% Musc. 8% | Graphic light grey, med. crystalline light Fe staining.  Feldspar 69% Musc. 6% Qtz. 25%  Block to equigranular, light grey-grey med coarse crystalline scattered light Fe staining intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4% Qtz. 28% Tourm. 3% 2 1  6.3 Equigranular to block poorly developed light grey medcoarse crystalline traces of f med. tourm.  Feldspar 70% Musc. 8% | TO RECOVERY  SAMPLE N. FROM TOURN %  Fe staining.  Feldspar 69% Musc. 6%  Qtz. 25%  Block to equigranular, light grey-grey med coarse crystalline scattered light Fe staining intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4%  Qtz. 28% Tourm. 3% 2 1  6.3 Equigranular to block poorly developed light grey medcoarse crystalline traces of f med. tourm.  Feldspar 70% Musc. 8% | TO RECOVERY DESCRIPTION SAMPLE N. FROM TO TOURM % V.f.f. m | TO RECOVERT SAMPLE FROM TO OF SAMPLE  5.1 Graphic Light grey, med. crystalline light v.f.ff. m-:  Fe staining.  Feldspar 69% Musc. 6%  Qtz. 25%  0 0 0  8.6 Block to equigranular, light grey-grey med  coarse crystalline scattered light Fe staining  intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4%  Qtz. 28% Tourm. 3% 2 1  6.3 Equigranular to block poorly developed light  grey medcoarse crystalline traces of f  med. tourm.  Feldspar 70% Musc. 8% | TO RECOVERY DESCRIPTION SAMPLE N. FROM TO OF SAMPLE S.1 Graphic Light grey, med. crystalline light v.f.f. m-c  Fe staining.  Feldspar 69% Musc. 6%  Qtz. 25%  0 0 0  8.6 Block to equigranular, light grey-grey med coarse crystalline scattered light Fe staining intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4%  Qtz. 28% Tourm. 3% 2 1  6.3 Equigranular to block poorly developed light grey med med. tourm.  Feldspar 70% Musc. 8% | TO RECOVER   SAMPLE NA FROM TO OF SAMPLE   5.1 Graphic light grey, med. crystalline light   V.f.f. m-c   Fe staining.   Feldspar 69% Musc. 6%   Qtz. 25%   O O   8.6 Block to equigranular, light grey-grey med   coarse crystalline scattered light Fe staining     intervals of fmed. crystalline tourm. | TO RECOVERY  Graphic light grey, med. crystalline light  Fe staining.  Feldspar 69% Musc. 6%  Qtz. 25%  O O  Block to equigranular, light grey-grey med coarse crystalline scattered light Fe staining intervals of fmed. crystalline tourm.  Feldspar 65% Musc. 4%  Qtz. 28% Tourm. 3% 2 1  6.3 Equigranular to block poorly developed light grey medcoarse crystalline traces of f med. tourm.  Feldspar 70% Musc. 8% |

| P       | ROPERTY  | HELL!     | ROARING CREEK |                   | HOLE N       | •. DDH 86-21 |
|---------|----------|-----------|---------------|-------------------|--------------|--------------|
|         | DIP TEST | gle .     |               |                   |              |              |
| Footage | Reading  | Corrected | Hole No       | 86-21 Sheet No. 2 | Lat          | Total Depth  |
|         |          |           | Section       |                   | Dep          | Logged By    |
|         |          |           | Date Begun    |                   | Bearing      | Claim        |
|         |          |           | Date Finish   | ned               | Elev. Collar | Core Size    |

| L           |          |          | Date Logged                                    |            |          |    |                    |   |              | ,            |              |
|-------------|----------|----------|--|------------|----------|----|--------------------|---|--------------|--------------|--------------|
| DEF<br>FROM | TH<br>TO | RECOVERY | DESCRIPTION                                    | SAMPLE No. | FROM     | то | WIDTH<br>OF SAMPLE |   |              |              |              |
| 16.3        | 25.      |          | Equigranular to block poorly developed         |            |          |    |                    |   |              |              |              |
|             |          |          | scattered light Fe staining with some          |            |          |    |                    |   |              |              |              |
|             |          |          | manganese staining, traces of med, crystalline |            |          |    |                    |   |              |              |              |
|             |          |          | tourm.   |            |          |    |                    |   |              |              |              |
|             |          |          |  |            | <u> </u> |    | ļ                  |   |              |              |              |
|             |          |          | Feldspar 70% Musc. 8%                          |            | ļ        |    |                    |   |              |              |              |
|             |          |          | Qtz. 22% Tourm. tr.                            | tr.        |          |    |                    |   | <u> </u>     |              | <b> </b>     |
|             |          |          | Fe, Mn tr. +                                   |            |          |    |                    |   | ļ            | ļ            | <u> </u>     |
|             |          |          |  |            |          |    |                    |   |              | <u> </u>     |              |
|             |          |          | ·  |            | ·        |    |                    |   |              |              |              |
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|             |          | <u></u>  |  |            | ļ        |    |                    |   | ļ            |              |              |
|             |          |          |  |            |          |    |                    |   |              | ,            |              |
|             |          | •        |  |            |          |    |                    |   | <b></b>      | <u>'</u>     | <del> </del> |
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|             |          |          |  |            |          |    |                    |   |              |              |              |
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| PROPERTY_       | HELLROARING | CREEK |  |
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| Hole No. 86-21 Sheet No. 3 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| DEF  | TO   | RECOVERY | DESCRIPTION   | SAMPLE | a FROM | то           | WIDTH<br>OF SAMPLE |              |   |   |
|------|------|----------|---|--------|--------|--------------|--------------------|--------------|---|---|
| 25.6 | 51.6 |          | Equigranular to block, poorly developed light   |        |        |              |                    |              |   |   |
|      |      |          | grey, coarse-med. crystalline with intervals  |        |        |              |                    |              |   |   |
|      |      |          | of f. crystalline tourm. clusters, scattered  |        |        |              |                    |              |   |   |
|      |      |          | light Fe stain, occasional intervals of med.  |        |        |              |                    |              |   |   |
|      |      |          | crystalline tourm.  |        |        |              |                    |              |   |   |
|      |      |          | Feldspar         60%         Musc.         11%           Qtz.         27%         Tourm.         2% | 2 tr   | •      |              |                    |              |   |   |
| 51.6 | 61.4 |          | Equigranular, light grey, medcoarse crystalline   |        |        |              |                    |              |   |   |
|      |      |          | occasional intervals of v.f. crystalline  |        |        | <u> </u>     |                    | <br>         |   |   |
|      |      |          | aplitic, tourm. (T.E. 55.4-56.7) traces of coarse crystalline tourm., manganese staining.           |        | _      | <del> </del> |                    | <br>         |   |   |
|      |      |          | Course Crystalline tourns, manganese staining.  |        |        |              |                    |              | , |   |
|      |      |          | Feldspar 60% Musc. 7%   |        |        |              |                    |              |   | ļ |
|      |      |          | Qtz. 32% Tourm. tr1%  | 1 tr   | •      |              |                    | <br>         |   |   |
|      |      |          |   |        |        |              |                    | <br>         |   |   |
| 61.4 | 66.3 |          | Block, v. light grey, coarse crystalline, traces  |        |        |              |                    |              |   |   |
|      |      |          | of Fe and manganese staining.   |        |        |              |                    | <br><u> </u> |   |   |
|      |      |          | Feldspar 71% Musc. 9%   |        |        |              | _                  |              |   |   |
|      |      |          | Qtz. 20%  | 0 0    |        |              |                    |              |   |   |

### DIAMOND DR RECORD

| PROPERTY      | HELLROARING | CREEK |  |
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HOLE No. DDH 86-21

| DIP TEST |              |           |  |  |  |  |
|----------|--------------|-----------|--|--|--|--|
|          | Angle        |           |  |  |  |  |
| Footage  | Reading      | Corrected |  |  |  |  |
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| Hole No. 86-21 Sheet No. 4 | L.at         | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM | TO  | RECOVERY | DESCRIPTION                                     | SAMPLE No | FROM     | то | WIDTH<br>OF SAMPLE |       |          |          |          |
|------|-----|----------|---|-----------|----------|----|--------------------|-------|----------|----------|----------|
| 66.3 | 70. | 7        | Equigranular v. light grey-light grey med       |           |          |    |                    |       |          |          |          |
|      |     |          | coarse crystalline, traces of med. crystalline  |           |          |    |                    |       |          |          |          |
| ļ    |     |          | tourm. minor intervals of graphic granite       |           |          |    |                    |       |          |          |          |
| ļ    |     |          |   |           |          |    |                    |       |          |          |          |
|      |     |          | Feldspar 70% Musc. 2%                           |           | <u> </u> |    |                    |       |          |          |          |
|      |     |          | Qtz. 28% Tourm. tr.                             | 0 tr.     | ļ        |    |                    |       |          |          | <u></u>  |
|      |     |          |   |           | ļ        |    |                    |       |          | <u> </u> |          |
| 70.7 | 77. | 5        | Equigranular to block poorly developed light    |           | -        |    |                    |       |          |          |          |
|      |     |          | grey-v. light grey med -coarse crystalline      |           | <b> </b> |    | <u> </u>           |       | <u> </u> |          | <b> </b> |
|      |     |          | traces of medf. crystalline tourm. traces of    |           |          |    |                    |       |          |          |          |
|      |     |          | garnet, scattered traces of manganese staining  |           |          |    |                    |       |          |          |          |
|      |     |          | Feldspar 59% Musc. 6%                           |           |          |    |                    |       |          |          |          |
|      |     |          | Qtz. 35% Tourm. tr.                             | tr. tr.   |          |    |                    |       |          | ,        |          |
|      |     |          | Garnet tr.                                      |           | <u> </u> |    |                    |       |          |          |          |
|      |     |          |   |           |          |    |                    |       |          |          |          |
| 77.  | 81. | 5        | Block to equigranular poorly developed v. light |           |          |    |                    | ·<br> |          |          |          |
|      |     |          | grey-light grey, medcoarse crystalline          |           | ļ        |    |                    |       |          |          |          |
|      |     |          | scattered intervals of medf. crystalline tour   | ١.        |          |    |                    |       |          |          |          |
|      |     |          | some manganese staining, traces of Fe staining  |           |          |    |                    |       |          |          |          |
|      |     |          | Feldspar 64% Musc. 5%                           |           |          |    |                    |       |          |          |          |

Qtz.

30%

Tourm.

1% tr. 1

| PROPERTY | HELLROARING | CREEK |
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HOLE No. DDH 86-21

| DIP TEST |              |           |  |  |  |  |  |
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|          | Angle        |           |  |  |  |  |  |
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| Hole No. 86-21 Sheet No. 5 | Lat.         | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM     | TO      | RECOVERY | DESCRIPTION                                       | SAMPLE No. | FROM           | то          | WIDTH<br>OF SAMPLE |              |              |               |
|----------|---------|----------|---|------------|----------------|-------------|--------------------|--------------|--------------|---------------|
|          | 92.8    |          | Block light grey coarse crystalline scattered     |            | <del> </del>   |             | OF SAMPLE          | <b></b>      | <del> </del> |               |
| <u> </u> |         |          | light Fe staining and manganese staining, minor   |            | <del> </del>   | <del></del> |                    | <del> </del> |              |               |
| <b></b>  |         |          | intervals of graphic granite, traces of garnet    |            | <del> </del> - |             |                    | <u> </u>     |              | <del>  </del> |
|          | <b></b> |          | modification of graphic grantee, traces of garnet |            | -              |             |                    |              |              |               |
|          |         |          | Feldspar 76% Musc. 4%                             |            |                |             |                    |              |              |               |
|          |         |          | Qtz. 20% Garnet tr.                               |            |                |             |                    |              |              |               |
|          |         |          |   |            |                | <b></b>     |                    | <br>         |              |               |
| 92.8     | 103.    |          | Block light grey-grey coarse crystalline          |            |                |             |                    |              | ,            |               |
|          |         |          | manganese staining, scattered light Fe staining   |            |                |             |                    |              |              |               |
|          |         |          | scattered traces of pyrrhotite and pyrite,        |            |                |             |                    |              |              |               |
|          |         |          | traces of garnet and traces of v.f. crystalline   |            |                |             |                    |              |              |               |
|          |         |          | tourm.  |            |                |             |                    |              |              |               |
|          |         |          | Feldspar 70% Musc. 5%                             | tr. 0      |                | <u> </u>    |                    |              | ,            |               |
|          |         |          | Qtz. 25% Traces of minor cons                     |            |                |             |                    |              |              |               |
| 103.     | 5108.   | 25       | Graphic, poorly developed, light grey-y, light    |            |                |             |                    |              |              |               |
|          |         |          | grey, coarse-med. crystalline, scattered coarse   |            | <b>↓</b>       |             |                    | <br>         |              |               |
| ļ!       |         |          | f. crystalline tourm. traces of garnet, traces    |            | ļ              |             |                    |              |              |               |
|          |         |          | of pyrrhotite and pyrite                          |            |                |             |                    |              |              |               |
|          |         |          | Feldspar 70% Musc. 4%                             |            |                |             |                    |              |              |               |

Qtz.

24%

Tourm.

1%

1 tr.

Garnet

tr-1%

| PROPERTY | HELLROARING | CREEK |  |
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| OIP TEST |              |           |  |  |  |  |  |
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| Hole No. 86-21 Sheet No. 6 | Lat          | Total Depth |
|----------------------------|--------------|-------------|
| Section                    | Dep          | Logged By   |
| Date Begun                 | Bearing      | Claim       |
| Date Finished              | Elev. Collar | Core Size   |
| Date Logged                |              |             |

| FROM      | TO    | RECOVERY | DESCRIPTION                                     | SAMPLE No. | FROM | то | WIDTH<br>OF SAMPLE |       |   |  |
|-----------|-------|----------|---|------------|------|----|--------------------|-------|---|--|
| 108.25112 |       | 8        | Block grey-light grey coarse crystalline with   |            |      |    |                    |       |   |  |
|           |       |          | minor intervals of graphic granite, clusters    |            |      |    |                    |       |   |  |
|           |       |          | of coarse-med. crystalline tourm. and           |            |      |    |                    |       |   |  |
|           |       |          | occasional traces of fv.f. crystalline tourm.   |            |      |    |                    |       | / |  |
|           |       |          | Feldspar 66% Musc. 6%                           |            |      |    |                    |       |   |  |
|           |       |          | Qtz. 28% Tourm, tr.                             | tr. tr.    |      |    |                    |       |   |  |
|           |       |          | Garnet tr.                                      |            | ļ    |    |                    | <br>ļ |   |  |
| 112.8     | 123.  | 5        | Block v. light grey, light grey coarse          |            |      |    |                    |       |   |  |
|           |       |          | crystalline with intervals of fv.f. crystallin  | e          |      |    |                    |       |   |  |
|           |       | ·        | disseminated tourm., minor intervals of         |            |      |    |                    |       |   |  |
|           |       |          | equigranular IE. 122.9-123.4                    |            |      |    |                    |       |   |  |
|           |       |          |   |            |      |    |                    |       | , |  |
|           |       |          | Feldspar 75% Musc. 3%                           |            |      |    |                    |       |   |  |
|           |       |          | Qtz. 20% Tourm. 2%                              | 2 0        |      |    |                    |       |   |  |
| 123.5     | 127.4 |          | Block light grey coarse crystalline with        |            |      |    |                    |       |   |  |
|           |       |          | scattered traces of tourm. and traces of garnet |            |      |    |                    |       |   |  |
|           |       |          | Feldspar 70% Musc. 5%                           |            |      |    |                    |       |   |  |
|           |       |          | Qtz. 25% Tourm. tr.                             | tr. 0      |      |    |                    |       |   |  |

| PROPERTY. | HELLROARING CREEK | HOLE No. | DDH 86-21 |
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| Hole No86-21 Sheet No7 | Lat.         | Total Depth |
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| Section                |              | Logged By   |
| Date Begun             | Bearing      | Claim       |
| Date Finished          | Elev. Collar | Core Size   |
| Date Logged            |              |             |

| FROM | TO     | RECOVERY | DESCRIPTION                                     | SAMPLE       | Na FRO   | и то   | WIDTH<br>OF SAMPLE |              |   |          |   |
|------|--------|----------|---|--------------|----------|--|--------------------|--------------|---|----------|---|
| 27.4 | 142.0  |          | Block light grey coarse crystalline with minor  |              |          |  |                    |              |   |          |   |
|      |        |          | intervals of medcoarse crystalline tourm.       |              |          |  |                    |              |   |          |   |
|      |        |          | massive quartz interval at 131.4-132.1 traces   |              |          | <u> </u>   |                    |              |   |          |   |
|      |        |          | of pyrite at 132.2                              |              |          |  |                    |              |   |          |   |
| -    |        |          |   |              |          |  | ļ                  |              | ļ | <b></b>  |   |
| ļ    |        |          | Feldspar 70% Musc. 7%                           |              |          | <b>_</b>   |                    |              |   | ļ        |   |
|      |        |          | Qtz. 22% Tourm. tr1%                            | 0            |          | <del> </del>                                     |                    |              |   |          |   |
| 10.0 | 1.47   |          |   | <del> </del> |          |  | ļ                  |              |   |          |   |
| 42.0 | 147.6  |          | Equigranular light grey medcoarse crystalline   | <del> </del> |          | <del>                                     </del> |                    |              |   |          |   |
|      |        |          | intervals of v.f. crystalline disseminated      |              | <u> </u> | 1  |                    |              |   | ļ        | ļ |
|      |        |          | tourm., traces of garnet                        | <u> </u>     |          | 1  |                    |              |   |          |   |
|      |        |          |   |              |          |  |                    |              |   |          |   |
|      |        |          | Feldspar 66% Musc. 4%                           |              |          |  |                    |              |   |          |   |
|      |        |          | Qtz. 28% Tourm. 2%                              | 2 (          | )        |  |                    |              |   | 1        |   |
|      |        |          |   |              |          |  |                    |              |   |          |   |
| 47.6 | 158.4  |          | Block to equigranular light grey coarse med.    |              |          |  |                    |              |   |          |   |
|      |        |          | crystalline, with intervals of v.f. crystalline |              |          |  |                    |              |   | /        |   |
|      |        |          | disseminated tourm., minor amounts of scattered |              |          |  |                    |              |   |          |   |
|      |        |          | garnet, traces of pyrrhotite and pyrite some    |              |          |  |                    |              |   | /        |   |
|      |        |          | micas with green cast                           |              |          |  |                    |              |   |          |   |
|      |        |          | Feldspar 60% Musc. 8%                           |              |          |  |                    |              |   |          |   |
|      | البسيب |          | Qtz. 28% Tourm. 2%                              | 2 (          | )        |  |                    | <del> </del> |   | <u> </u> | · |

Garnet 1-2%

| PROPERTY | <u>HELLROARING</u> | CREEK |
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|         | DIP TEST    |           |                            |              |             |
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|         | An          | gle       | 00.01                      |              |             |
| Footage | Reading     | Corrected | Hole No. 86-21 Sheet No. 8 | Lot          | Total Depth |
|         | <del></del> |           | Section                    | Dep          | Logged By   |
|         |             |           | Date Begun                 | Bearing      | Claim       |
|         |             |           | Date Finished              | Elev. Collar | Core Size   |
|         | 11          |           | Date Logged                |              |             |

| DEPTH<br>FROM TO |     | RECOVERY  |  |     | SAMPLE      | Na. FROI | то       | WIDTH<br>OF SAMPLE |          | T T       |         |   |  |
|------------------|-----|-----------|--|-----|-------------|----------|----------|--------------------|----------|-----------|---------|---|--|
| 158.             |     | . 4       | Equigranular to block poorly developed light |     |             |          |          |                    | 1        | OF SAMPLE | 1       |   |  |
|                  |     |           | grey-grey me                                 |     |             | †        |          |                    |          |           |         |   |  |
|                  |     |           | garnets, disseminated medf. crystalline      |     |             |          |          |                    | 1        |           |         |   |  |
|                  |     |           | tourm. some                                  |     |             |          |          |                    |          |           |         |   |  |
|                  |     |           | Feldspar                                     | 55% | Musc.       | 11%      | <u> </u> |                    | -        |           |         |   |  |
|                  |     |           | Qtz.   | 20% | Tourm.      | 5%       | 3 2      |                    | 1        |           |         |   |  |
|                  |     |           | Garnet                                       | 9%  |             |          |          |                    | <b></b>  |           |         |   |  |
|                  |     |           |  |     |             | E.O.H.   |          |                    |          |           |         |   |  |
| 159.             | m/5 | 23' F.T.D |  |     |             |          |          |                    |          |           |         |   |  |
|                  |     |           |  |     |             |          |          |                    |          |           |         |   |  |
|                  |     |           |  |     |             |          |          |                    |          |           |         |   |  |
|                  |     |           |  |     |             |          |          |                    |          |           |         |   |  |
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|                  |     |           |  |     | <del></del> |          |          |                    |          | ,         | <br>:   |   |  |
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