

Drill Hole No. 8 Claim No. 73650-413

Location SAGUINE RIVER

Collar Elev. 2993.97 Direction VERT.

Coordinates 9+30E-24+18S to 9L+3

Depth 332' Angle 30°

Date start July 21/56 Finish Aug. 6/56

Casing Unrecovered Date of Report AUGUST 6/56

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D

CONAN TWP.

Sheet No. 1 of 15 Drillings

Drilled by W. J. G. G. G.

Type DD #2

Hole Size AX

Analyzed by                     

Classified by V. KALNINS

Stored 16 D

FT.

| DATE | Z of Hole From Horiz. | Hole Size | Z of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks   |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |  |
|      |                       |           | 70°                | 91-1           | 662   | 775   | QTZ. ROCK - GRAY.<br>THIN FLAKES OF Fe <sub>2</sub> O <sub>3</sub><br>DISSEMINATED THROUGHOUT.<br>VERY RARE SEAMS OF Fe <sub>2</sub> O <sub>3</sub> .<br>INFREQUENT SPOTTINGS<br>OF Fe <sub>2</sub> O <sub>3</sub> PRESENT<br>DISSEMINATED FLAKES +<br>BANDS OF MUSCOVITE<br>PRESENT  |          |                  | NO CORE RECOVERY<br>706.8' - 708.3' - 720' - 735'<br>766' - 766.4' - 767.2' - 770'<br>CRENULATED AT<br>715' - 717' - 727' - 738.5'<br>TREND 5° AXIAL<br>PLANE - 40°. |
|      |                       |           |                    | 5-1            | 775   | 780.6 | QTZ. ROCK WITH SEAMS<br>OF MUSCOVITE + OCCASIONAL<br>BAND OF Fe <sub>2</sub> O <sub>3</sub> .   |          |                  | CRENULATED, TREND<br>5°; AXIAL PLANE 45°   |
|      |                       |           |                    | 114-3          | 780.6 | 912.5 | I. F. - Fe 35%<br>SEAMS BANDS +<br>INFREQUENT MASSIVE Fe <sub>2</sub> O <sub>3</sub> .<br>RARE SPOTTINGS OF<br>Fe <sub>2</sub> O <sub>3</sub> ; Fe <sub>3</sub> O <sub>4</sub> DISSEMINATED<br>THROUGHOUT. Fe RUST<br>AT 890' & 845' (MAY<br>BE INDICATING EXTENSIVE<br>FAULTING ZONE.) 900' - 912' Fe<br>MOSTLY Fe <sub>2</sub> O <sub>3</sub> AS SEAMS, SPOTS<br>BANDS. |          |                  | NO CORE RECOVERY<br>797' - 797.8' - 828.5' - 836.8' - 840' - 843.3' - 845'<br>876.7' - 879.5' - 906.5' - 912.5'  |
|      |                       |           |                    |                |       |       |   |          |                  | WEATHERED CORE<br>AT 908.5 SUGGESTS<br>A FAULT ZONE  |

QUEBEC DEPARTMENT OF MINES  
MINERAL DEPOSITS BRANCH  
No G M. 6155-B

Drill Hole No. 8 Claim No. 73650-43

Location Terrence Lake

Collar Elev. 2995.97 Direction VERT.

Coordinates 9-90E-24+195 Ref. to EL 23

Depth 932' Angle 90

Date start Aug 3/56 Finish Aug 6/56

Casing Deepened Date of Report AUGUST 6/56

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 163

Sheet No. 2 of 154 DRILLING

Drilled by Li...

Type DD

Hole Size AX

Analyzed by ...

Classified by V. KALNINS

Stored 16 D

FT

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed from Axis | Inches of Core | DEPTH |     | CLASSIFICATION                                    | ANALYSES |                  | Drilling Remarks   |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|--------------------|
|      |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |                    |
|      |                       |           |                    | 150            | 912   | 932 | QTZ. ROCK - GRAY.                                 |          |                  | ORENULATED         |
|      |                       |           |                    |                |       |     | SPOTS & SEAMS OF Fe <sub>2</sub> O <sub>3</sub> . |          |                  |                    |
|      |                       |           |                    |                |       |     | FLAKES OF Fe <sub>2</sub> O <sub>3</sub> .        |          |                  | Feebly ...         |
|      |                       |           |                    |                |       |     | QTZ. ROCK APPROACHING                             |          |                  | Aug 5. 31'         |
|      |                       |           |                    |                |       |     | 932' EXTREMELY BARREN                             |          |                  | " 4 100'           |
|      |                       |           |                    |                |       |     | OF Fe.  |          |                  | " 5 123'           |
|      |                       |           |                    |                |       |     |   |          |                  | " 6 11'            |
|      |                       |           |                    |                |       |     | 87% CORE RECOVERY                                 |          |                  | Wip Test at 925-78 |
|      |                       |           |                    |                |       |     | IN Fe ZONE; VERY LOW                              |          |                  |                    |
|      |                       |           |                    |                |       |     | FIGURE DUE TO SEVERAL                             |          |                  |                    |
|      |                       |           |                    |                |       |     | FAULTING ZONES OR CAVITIES.                       |          |                  |                    |
|      |                       |           |                    |                |       |     | END OF HOLE                                       |          |                  |                    |

4551  
750  
824



Drill Hole No. 10 Claim No. 79650-C03

Location Jeanine Lake

Collar Elev. 2224.03 Direction VERT.

Coordinates G+60E-26+60S Ref. to BL#3

Depth 907' Angle 90°

Date start July 1, 1956 Finish July 10, 1956

Casing Deepened Date of Report July 8, 1956

REVISED

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 160.

Sheet No. 1 of 1 SHEET

Drilled by Bayles Bros.

Type QTZ #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by R. Longmore

Stored 160.

FT.

| DATE        | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                                    |
|-------------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|---|
|             |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |   |
|             |                       |           |                    |                |       |     |  |          |                  |   |
|             |                       |           |                    | CREN 432.8     | 432   | 907 | Iron Formation -   |          |                  | Core Picked at 515.5'                               |
|             |                       |           | 50°                |                |       |     | Narrow seams & bands of Fe <sub>2</sub> O <sub>3</sub>           |          |                  | No Core Recovery from                               |
| 512'-532'   | Trend                 | 50°       |                    |                |       |     | Heavy banding of Fe <sub>2</sub> O <sub>3</sub> from 452'-472'   |          |                  | 518'-522', 749.1'-752'                              |
| 572'-592'   | Trend                 | 90°       |                    |                |       |     | 552'-572', 612'-632', 632'-692', 804'-827'                       |          |                  | 752'-753', 765'-767', 769'-770.2', 815'-817', 844'- |
|             |                       |           | 50°                |                |       |     | Spotted Fe <sub>2</sub> O <sub>3</sub> from 432'-452', at        |          |                  | 844.5', 897.1'-898.1', 904.5'-                      |
|             |                       |           | 50°                |                |       |     | 469.5', 484.5'-507', 592'-572', 590.5'-                          |          |                  | 906.4'  |
| 652'-672'   | Trend                 | 90°       |                    |                |       |     | 592', 612'-682', 752'-772', 792'-857', 887'-907'                 |          |                  | Fines & pebbles only from                           |
|             |                       |           | 50°                |                |       |     | Fe Silicates - narrow seams (widely scattered)                   |          |                  | 527'-532', 610'-611'                                |
|             |                       |           | 50°                |                |       |     | from 552'-572', 572'-592'. Banded from                           |          |                  | Rust stains at 765', 842'                           |
|             |                       |           | 60°-90°            |                |       |     | 593'-594'. Infrequent seams & bands from                         |          |                  |   |
|             |                       |           | 70°-90°            |                |       |     | 612'-672'. Narrow seams 792'-847', 887'-                         |          |                  | Footage Summary                                     |
| 807'-808.5' | Trend                 | 70°       |                    |                |       |     | 907'   |          |                  | July 1, 2 & 3 Setup                                 |
| 827'-847'   | Trend                 | 70°       |                    |                |       |     | Banded Fe <sub>2</sub> O <sub>3</sub> from 593'-594'. Occasional |          |                  | " 4 24'   |
|             |                       |           | 70°                |                |       |     | banding of Fe <sub>2</sub> O <sub>3</sub> from 632'-652'         |          |                  | " 5 67'   |
|             |                       |           |                    |                |       |     | Muscovite bands (1" width) at 856' & 856.5'                      |          |                  | " 6 108'  |
|             |                       |           |                    |                |       |     | Pure SiO <sub>2</sub> bands (3" width) at 871' & 870.8'          |          |                  | " 7 46'   |
|             |                       |           |                    |                |       |     |  |          |                  | " 8 94'   |
|             |                       |           |                    |                |       |     | Core Recovery - 92.3%  |          |                  | " 9 118'  |
|             |                       |           |                    |                |       |     |  |          |                  | " 10 18'  |
| END OF HOLE |                       |           |                    |                |       |     |  |          |                  |   |

Drill Hole No. 16 Claim No. 79650-023  
 Location Jeanine Lake  
 Collar Elev. 2989.27 Direction \_\_\_\_\_  
 Coordinates 425W. - 2840S Ref. to BL33  
 Depth 650' Angle 90°  
 Date start Aug. 2/56 Finish Aug. 7/56  
 Casing Deepened Date of Report AUGUST 7/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 163

Sheet No. 1 of 50 SHEETS  
 Drilled by Boyles Bros.  
 Type DD#2  
 Hole Size 4x  
 Analyzed by \_\_\_\_\_  
 Classified by V. KALNINS  
 Stored 163

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |    | CLASSIFICATION                                     | ANALYSES |                  | Drilling Remarks         |
|------|-----------------------|-----------|--------------------|----------------|-------|----|--|----------|------------------|--------------------------|
|      |                       |           |                    |                | From  | To |  | Fe       | SiO <sub>2</sub> |                          |
|      |                       | 40°       | 90°                | 28.78924600    |       |    | GTZ. ROCK - GRAY.                                  |          |                  | LIGHT COLORED (WHITISH)  |
|      |                       |           |                    |                |       |    | THIN FLAKES OF Fe <sub>2</sub> O <sub>3</sub>      |          |                  | GTZ. ROCK: 407'-420'     |
|      |                       |           |                    |                |       |    | DISSEMINATED IN MINUTE                             |          |                  | 423'-427'; 442.5'-447.5' |
|      |                       |           |                    |                |       |    | AMOUNTS. VERY RARE, THIN                           |          |                  | 475'-478.5'              |
|      |                       |           |                    |                |       |    | SEAMS OF Fe <sub>2</sub> O <sub>3</sub> PRESENT AT |          |                  |                          |
|      |                       |           |                    |                |       |    | TIMES. LEAN 489.6'-489.8'                          |          |                  | ORNUCLATED IN            |
|      |                       |           |                    |                |       |    | 492.7'-493.1'                                      |          |                  | PART. MOST               |
|      |                       |           |                    |                |       |    | MUSCOVITE SEAMS +                                  |          |                  | EXTENSIVE IN             |
|      |                       |           |                    |                |       |    | BANDS 525'-562'. AT 582.5'                         |          |                  | MUSCOVITE ZONES          |
|      |                       |           |                    |                |       |    | EXIST 614'-615.5'                                  |          |                  | WHERE TREND              |
|      |                       |           |                    |                |       |    | NO CORE RECOVERY:                                  |          |                  | IS 30° AXIAL             |
|      |                       |           |                    |                |       |    | 438.5'-440'; 490.5'-492.7';                        |          |                  | PANE ALSO 30°.           |
|      |                       |           |                    |                |       |    | 498.2'-501'; 520'-5523.4';                         |          |                  |                          |
|      |                       |           |                    |                |       |    | 527'-532.2'; 578.8'-580';                          |          |                  |                          |
|      |                       |           |                    |                |       |    | 616.9'-618.2'.                                     |          |                  |                          |
|      |                       |           |                    |                |       |    |  |          |                  | Portage Summary          |
|      |                       |           |                    |                |       |    |  |          |                  | Aug. 2 - 4'              |
|      |                       |           |                    |                |       |    |  |          |                  | " 9 - 6'                 |
|      |                       |           |                    |                |       |    |  |          |                  | " 4 - 76'                |
|      |                       |           |                    |                |       |    |  |          |                  | " 5 - 87'                |
|      |                       |           |                    |                |       |    |  |          |                  | " 6 - 70'                |
|      |                       |           |                    |                |       |    |  |          |                  | " 7 - 15'                |
|      |                       |           |                    |                |       |    | END OF HOLE  |          |                  |                          |
|      |                       |           |                    |                |       |    |  |          |                  | Up Test at 650' - 87°    |



REVISED

Drill Hole No. 15 Claim No. 62050-03

Location Jeanine Lake

Collar Elev. 2991.00 Direction VERT.

Coordinates 13+00E-21+25S Ref. to B.L.#3

Depth 921' Angle 90°

Date start July 1, 1956 Finish July 30, 1956

Casing Deepened Date of Report July 6, 1956

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 16D

Sheet No. 1 of 5 SHEETS

Drilled by Bayles Bros.

Type A.O. #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 16D

FT.

| DATE      | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks  |
|-----------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|           |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
|           |                       |           |                    | 6.4            | 100   | 107   | Quartz Rock  |          |                  |   |
| 100'-650' | 50°                   |           |                    |                |       |       | In frequent thin bands of Muscovite  |          |                  | 107'-120.5' 10-15% Fe<br>129'-136.5' 10-15% Fe                              |
|           |                       |           |                    | 12.1           | 107   | 120.5 | Lean Iron Formation  |          |                  |   |
|           |                       |           |                    |                |       |       | Thin seams of Fe <sub>2</sub> O <sub>3</sub> (scattered)   |          |                  |   |
|           |                       |           |                    | 8.4            | 120.5 | 129   | Marble   |          |                  | Footage Summary<br>July 1 31'<br>" 2 88'<br>" 3 71'<br>" 4 112'<br>" 5 100' |
|           |                       |           |                    |                |       |       | Banded impurities present. Thin seams of Fe <sub>2</sub> O <sub>3</sub> from 127.5' - 128'   |          |                  |   |
|           |                       |           |                    | 7.2            | 129   | 136.5 | Lean Iron Formation  |          |                  |   |
|           |                       |           |                    |                |       |       | Narrow seams of Fe <sub>2</sub> O <sub>3</sub> (scattered)   |          |                  |   |
|           |                       |           |                    |                |       |       | Thin bands of Muscovite from 131' - 134.5'.<br>Marble impurities from 134.5' - 136.5'.   |          |                  |   |
|           |                       |           |                    | 12.7           | 136.5 | 150   | Marble   |          |                  | " 6 68'<br>" 7 82'<br>" 28 67'<br>" 29 107'<br>" 30 95'                     |
|           |                       |           |                    |                |       |       | Banded impurities throughout.<br>Limited stringers of Fe <sub>2</sub> O <sub>3</sub> from 136.5' - 138'  |          |                  |   |
|           |                       |           |                    | 14.3           | 150   | 165   | Quartz Rock  |          |                  |   |
|           |                       |           |                    |                |       |       | Scattered bands (narrow) of Muscovite from 150' - 155', 158.5' - 161'. Marble band from 156.8' - 158.5'.<br>Thin seams of Fe <sub>2</sub> O <sub>3</sub> |          |                  |   |

REVISED

Drill Hole No. 15 Claim No. 62050-03

Location Jeannine Lake

Collar Elev. 2991.00 Direction VERT.

Coordinates 13+00 E. - 21+25 S. Ref. to B.L. #3.

Depth 921' Angle 90°

Date start July, 1956 Finish July 30, 1956.

Casing Deepened Date of Report July 6, 1956.

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D

Sheet No. 2 of 5 SHEETS

Drilled by Boyles Bros.

Type DD #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 16 D

FT.

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks                                     |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |  |
|      |                       |           |                    | 6.7            | 165   | 172.5 | Lean Iron Formation<br>Narrow seams of Fe <sub>2</sub> O <sub>3</sub> with dense stringers at 170.3' & 171.4'. Narrow bands of muscovite from 167.5' - 171.                                   |          |                  | 165' - 172.5' 10-15% Fe<br>221.5' - 226.7' 20-25% Fe |
|      |                       |           |                    | 11.9           | 172.5 | 184.8 | Marble<br>Banded impurities throughout, including Fe <sub>2</sub> O <sub>3</sub> . Thin bands of Muscovite from 183' - 184'. Stringers of Fe <sub>2</sub> O <sub>3</sub> from 180.7' - 181.1. |          |                  |  |
|      |                       |           |                    | 33.1           | 184.8 | 221.5 | Quartz Rock<br>Banded Muscovite throughout. Pure quartz 'dike' from 212' - 213.5'.  |          |                  |  |
|      |                       |           |                    | 4.6            | 221.5 | 226.7 | Iron Formation<br>Dense narrow seams of Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |  |
|      |                       |           |                    | 9.5            | 226.7 | 236.9 | Quartz Rock<br>Much finely disseminated Muscovite from 226.7' - 231'. Narrow bands of Fe Silicate from 233.4' - 234.4'. Fe <sub>2</sub> O <sub>3</sub> at 233.4'. Pure quartz 'dike'          |          |                  |  |



Drill Hole No. 15 Claim No. 62050-023

Location Jeanine Lake

Collar Elev. 2991.00 Direction VERT.

Coordinates 13+00 E. - 21+25 S. Ref. to B.L. 3

Depth 921' Angle 90°

Date start July 1, 1956 Finish July 30, 1956

Casing Deepened Date of Report July 6, 1956

REVISED

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 160

Sheet No. 3 of 5 SHEETS  
Drilled by Byles Bros.  
Type O.D. #2  
Hole Size AH  
Analyzed by \_\_\_\_\_  
Classified by B. Langmore  
Stored 160

PT.

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Rod From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|      |                       |           |                    | 4.8            | 236.9 | 241.9 | Iron Formation  |          |                  | 236.9'-241.9' 20-25% Fe<br>241.9'-252' 10-15% Fe                          |
|      |                       |           |                    |                |       |       | Narrow seams & occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Band of Fe Silicate c. 7" wide at 237.8'.<br>Minute amounts of FeS <sub>2</sub> at 236.9'.  |          |                  | No Core Recovery from 253.7'-255', 269.5'-272', 275.5'-277.5', 297'-298'. |
|      |                       |           |                    | 7.9            | 241.9 | 252   | Lean Iron Formation.  |          |                  |   |
|      |                       |           |                    |                |       |       | Narrow seams & bands of Fe <sub>2</sub> O <sub>3</sub> . Fe <sub>3</sub> O <sub>4</sub> & Fe Silicates present.   |          |                  |   |
|      |                       |           |                    | 11.5           | 252   | 265.5 | Quartz - Muscovite - Schist.  |          |                  |   |
|      |                       |           |                    | 52.9           | 265.5 | 335   | Quartz Rock   |          |                  |   |
|      |                       |           |                    |                |       |       | Occasional narrow seams & bands of Fe <sub>2</sub> O <sub>3</sub> . Fe <sub>3</sub> O <sub>4</sub> from 265.5' - 266'. Pure quartz 'dike' from 272.5' - 273.5'. Narrow bands of Muscovite & Marble from 300' - 308' with banded Muscovite from 311' - 312'. |          |                  |   |
|      |                       |           |                    | 3.0            | 335   | 338.5 | Quartz - Muscovite - Schist.  |          |                  |   |
|      |                       |           |                    |                |       |       | Seam & bands of Fe <sub>2</sub> O <sub>3</sub> from 336.5' - 337'. Small amounts of Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> present to 338.5'.  |          |                  |   |
|      |                       |           |                    |                | 338.5 | 345   | No Core Recovery.   |          |                  |   |

Drill Hole No. 15 Claim No. 62050-03

Location Jeannine Lake

Collar Elev. 2991.00 Direction VERT.

Coordinates 13+00 E. - 21+25 S. Ref. to Q.L. #3

Depth 921' Angle 90°

Date start July 1, 1956 Finish July 30, 1956

Casing Deepened Date of Report July 6, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D

Sheet No. 4 of 5 SHEETS

Drilled by Hayles Bros.

Type D.D. #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. Longmore

Stored 16 D.

FT.

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks           |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|----------------------------|
|      |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |                            |
|      |                       |           |                    | 216.9          | 345   | 601 | Iron Formation  |          | 2                | No Core Recovery From      |
|      |                       |           |                    |                |       |     | Narrow seams & banding of Fe <sub>2</sub> O <sub>3</sub>  |          |                  | 380.5' - 383', 436.5' -    |
|      |                       |           |                    |                |       |     | Narrow bands of Muscovite at 346', from   |          |                  | 437', 498.5' - 499.5',     |
|      |                       |           |                    |                |       |     | 350' - 351', 369.5' - 370', 375' - 375.5', 414.5' -   |          |                  | 513' - 515', 535' - 538.5' |
|      |                       |           |                    |                |       |     | 415', 433' - 434.5', 435' - 435.5', banding from  |          |                  |                            |
|      |                       |           |                    |                |       |     | 540' - 545'.  |          |                  | 345' - 376' 20-25% Fe      |
|      |                       |           |                    |                |       |     | Disseminated bands of Fe <sub>2</sub> O <sub>3</sub> from 346' - 347'                           |          |                  | 376' - 540' 25-30% Fe      |
|      |                       |           |                    |                |       |     | Spotted Fe <sub>2</sub> O <sub>3</sub> at 412', 440.5', from 445' -                             |          |                  | 540' - 550' 15-20% Fe      |
|      |                       |           |                    |                |       |     | 446.5', at 457.5', 461' - 463', 475' - 477',  |          |                  | 550' - 601' 25-30% Fe      |
|      |                       |           |                    |                |       |     | 485' - 491', 500' - 512', 550' - 561' 565' - 585'   |          |                  |                            |
|      |                       |           |                    |                |       |     | 585' - 591'. Seams of Fe <sub>2</sub> O <sub>3</sub> from 561' - 565',                          |          |                  | No Core Recovery From      |
|      |                       |           |                    |                |       |     | banded from 591' - 601'.  |          |                  | 612.5' - 613.5', 650' -    |
|      |                       |           |                    |                |       |     | Fe Silicates present at 422', 543.5' -  |          |                  | 651.6'.                    |
|      |                       |           |                    |                |       |     | 546', 550' - 561', 572' - 578', 585' - 601'.  |          |                  |                            |
|      |                       |           |                    |                |       |     | Magnetite Silicates from 544' - 545',   |          |                  |                            |
|      |                       |           |                    |                |       |     | 550' - 561', 572' - 576'.   |          |                  |                            |
|      |                       |           |                    |                |       |     | Pure Quartz 'dike' from 374.5' - 375'.  |          |                  |                            |
|      |                       |           |                    | 83.5           | 601   | 690 | Fe Silicates.   |          |                  |                            |
|      |                       |           |                    |                |       |     | Irregular banding from 601' - 650'. Spotted   |          |                  |                            |
|      |                       |           |                    |                |       |     | Fe <sub>2</sub> O <sub>3</sub> throughout. Banded Fe <sub>2</sub> O <sub>3</sub> at 623', 627', |          |                  |                            |
|      |                       |           |                    |                |       |     | 628', 632' & from 650' - 690'. Traces of FeS <sub>2</sub>                                       |          |                  |                            |
|      |                       |           |                    |                |       |     | & garnets from 650' - 690'.   |          |                  |                            |



Drill Hole No. 15 Claim No. 62050-013  
 Location Jeanine Lake  
 Collar Elev. 2991.00 Direction VERT.  
 Coordinates 13+00 E. - 21+25 S. Ref. to R.L. #3  
 Depth 921' Angle 90°  
 Date start July, 1956 Finish July 30, 1956  
 Casing Deepened Date of Report Aug. 2, 1956

REVISED

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D.

Sheet No. 5 of 5 SHEETS  
 Drilled by Boyles Bros.  
 Type DD #2  
 Hole Size AA  
 Analyzed by \_\_\_\_\_  
 Classified by B. Longmore  
 Stored 16 D.

FT.

| DATE            | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks      |
|-----------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|-----------------------|
|                 |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |                       |
| 650'-710'       | 25°                   |           |                    | 53.6           | 690   | 746.8 | Iron Formation   |          |                  | 690'-710' 20-25% F    |
| 710'-717.5'     | 35°                   |           |                    |                |       |       | Seams, bands, & spotting of Fe <sub>2</sub> O <sub>3</sub>                                       |          |                  | 710'-746.8' 25-30% F  |
| 717.5'-735'     | 25°                   |           |                    |                |       |       | from 690'-717.5'. Traces of Fe Silicates,  |          |                  |                       |
| 735'-746.8'     | 35°                   |           |                    |                |       |       | garnets & FeS <sub>2</sub> from 690'-710'.   |          |                  | No Core Recovery from |
| CREN. at 743.3' |                       |           |                    |                |       |       | From 717.5' - seams & bands of Fe <sub>2</sub> O <sub>3</sub> .                                  |          |                  | 742.9' - 743'         |
| 746.5'          |                       |           |                    |                |       |       | Spotted Fe <sub>2</sub> O <sub>3</sub> throughout with seams                                     |          |                  |                       |
| 746.8'-805'     | 30°                   |           |                    |                |       |       | & bands from 744'-746.8'. Fe Silicates   |          |                  | 773'-782.7' 10-15% F  |
| 805'-825'       | 35°                   |           |                    |                |       |       | presents at 746.7'.  |          |                  |                       |
| 825'-921'       | 30°                   |           |                    |                |       |       |  |          |                  | No Core Recovery from |
|                 |                       |           |                    | 24.8           | 746.8 | 773   | Quartz Rock  |          |                  | 789'-790.4', 805.8'   |
|                 |                       |           |                    |                |       |       | Finally disseminated Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>2</sub> O <sub>4</sub> throughout. |          |                  | 806.8'                |
|                 |                       |           |                    |                |       |       | Banded Fe <sub>2</sub> O <sub>3</sub> 757.7'-761.4'. Fe Silicates                                |          |                  |                       |
|                 |                       |           |                    |                |       |       | 770'-773'.   |          |                  | 782.7'-805' 25-30% F  |
|                 |                       |           |                    | 9.2            | 773   | 782.7 | Fe Silicates   |          |                  | 805'-885' 35-40% F    |
|                 |                       |           |                    |                |       |       | Spotted Fe <sub>2</sub> O <sub>3</sub> throughout - banded from                                  |          |                  | 885'-921' 35-40% F    |
|                 |                       |           |                    |                |       |       | 778.7'-780', 781.5'-782.7'.  |          |                  |                       |
|                 |                       |           |                    | 130.9          | 782.7 | 921   | Iron Formation   |          |                  | Core Recovery in Iron |
|                 |                       |           |                    |                |       |       | Narrow seams & bands of Fe <sub>2</sub> O <sub>3</sub> . Spotted                                 |          |                  | Formation - 89%       |
|                 |                       |           |                    |                |       |       | Fe <sub>2</sub> O <sub>4</sub> from 782.7'-921'. Bands & seams                                   |          |                  |                       |
|                 |                       |           |                    |                |       |       | of Fe <sub>2</sub> O <sub>4</sub> from 782.7'-825', 869'-921'.                                   |          |                  | Dip Test at 920'-73°  |
| END OF HOLE     |                       |           |                    |                |       |       |  |          |                  |                       |

Drill No. 21 Claim No. #5-62051

Oliver Iron Mining Division

Sheet No. / of \_\_\_\_\_

Location Jeanine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Boyle's Bros

Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_

Type P.D. #2

Collar Elev. ? Direction \_\_\_\_\_

AREA 16D

Hole Size AN

Depth \_\_\_\_\_ Angle 90°

Analyzed By \_\_\_\_\_

Date Start Sept 14/54 Finish Sept 22/54

Classified By E. DeBlack

Casing 44' Date of Report 2/16/65

Stored 16D

| DATE   | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Lashes of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|--------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|---|
|        |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |   |
| 2/9/56 |                       |           | 45°                | 17             | 83    | 0   | Diat. - qtz - felds. porphyrios.<br>Granite 39.3' - 39.7' - 42.5'<br>Musk band 40' - 40.7'   |          |                  |   |
|        |                       |           | 45°                | 25             | 90    | 75  | Diat - qtz - felds. - porphyrios.<br>Diat rich 58' - 63'<br>Low in diat. 63' - 66.5'<br>Granitic 66' - 75' (Rich in K-feldspar)  |          |                  |   |
|        |                       |           | 55°                | 25             | 98    | 100 | Diat - qtz - felds. porphyrios.<br>Rich in K-felds 98' - 99'<br>Cocostibocans 98.2' - 98.9'  |          |                  | No core - 112 - 112.8<br>118 - 118.8                      |
|        |                       |           | 50°                | 23.4           | 100   | 105 | Diat - qtz - felds. porphyrios.<br>Low in diat. 101' - 104'<br>Diat. rich 104' - 124.5'  |          |                  |   |
|        |                       |           | 75°                | 22.7           | 125   | 141 | Diat. - qtz - felds. porphyrios.<br>Granitic comp 140' - 146.2'  |          |                  | No core - 130' - 131.3'                                   |
|        |                       |           | 70°                | 4.0            | 149   | 153 | Diat - qtz - felds. porphyrios.<br>Band of musc. - qtz - K-felds. 150' - 151'  |          |                  |   |
|        |                       |           | 60°                | 3.4            | 153   | 176 | Diat - qtz - felds. porphyrios.<br>Biot. - garnet - felds. porphyrios. Musc<br>not porphyriosity and is a Musk<br>and white musc pattern with<br>little or no banding.<br>Biot - garnet - felds. porphyrios. 210 - 218 + 224 - 225.5 |          |                  | No core - 165.5' - 166'<br>- 177' - 177.6'<br>216.5 - 211 |









REVISED

Drill Hole No. 22 Claim No. 62050-025

Location Jeanine Lake

Collar Elev. 3091.65 Direction \_\_\_\_\_

Coordinates S+15W. -12+98E Ref. to R.L.#3

Depth 960' Angle 90°

Date start July 24, 1956 Finish Aug. 6, 1956

Casing 6' Date of Report July 28, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 160.

Sheet No. 2 of 4 SHEETS

Drilled by Boyles Bros.

Type Q.D. #2

Hole Size 8X

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 160.

| DATE                   | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Lashes of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks          |
|------------------------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|---------------------------|
|                        |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |                           |
| 196'-210'              | 70°-80°               |           |                    | 11.4           | 184   | 196 | Quartz-Muscovite-Schist   |          |                  | 196'-224' 15-20% Fe       |
| 210'-224'              | 50°                   |           |                    |                |       |     | Widely scattered narrow seams of Fe <sub>2</sub> O <sub>3</sub> .                                   |          |                  |                           |
| CREN. 196'-210'        | Trend 30° &           |           |                    |                |       |     |   |          |                  | No Core Recovery from     |
| Ax. plane 45°-50° from |                       |           |                    | 24.7           | 196   | 224 | Iron Formation  |          |                  | 370'-372.2'               |
| 196'-210'              |                       |           |                    |                |       |     | Narrow seams & occasional banding of Fe <sub>2</sub> O <sub>3</sub> .                               |          |                  | Fines recovered only from |
| 224'-235'              | 70°                   |           |                    |                |       |     | Spotted Fe <sub>2</sub> O <sub>3</sub> throughout, disseminated                                     |          |                  | 387'-390'.                |
| CREN. 224'-226.5'      | Trend 50° &           |           |                    |                |       |     | banding & spotting of Fe Silicates.   |          |                  |                           |
| Ax. plane 50°          |                       |           |                    |                |       |     |   |          |                  | 235'-295' 15-20%          |
| CREN. 226.5'-235'      | Trend                 |           |                    | 9.9            | 224   | 235 | Quartz-Muscovite-Schist   |          |                  | 295'-520' 20-25%          |
| 0° & Ax. plane 60°     |                       |           |                    |                |       |     | Bands of biotite from 224'-225'. Spotted  |          |                  | 520'-585' 25-30%          |
| 235'-250'              | 60°                   |           |                    |                |       |     | Fe <sub>2</sub> O <sub>3</sub> & occasional narrow seams of Fe <sub>2</sub> O <sub>3</sub> present. |          |                  |                           |
| CREN. 235'-280'        | Ax. plane 50°         |           |                    |                |       |     |   |          |                  |                           |
| CREN. 280'-325'        |                       |           |                    | 312.1          | 235   | 585 | Iron Formation  |          |                  |                           |
| 295'-310'              | 60°-70°               |           |                    |                |       |     | Narrow seams & banding of Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |                           |
| CREN. 325'-340'        | Ax. plane 40°-50°     |           |                    |                |       |     | Spotted Fe <sub>2</sub> O <sub>3</sub> from 235'-295', 333'-334',                                   |          |                  |                           |
| 340'-370'              | 30°-40°               |           |                    |                |       |     | 452'-454', 460'-505', 540'-585'. Occasional   |          |                  |                           |
| CREN. 340'-355'        | Ax. plane 70°         |           |                    |                |       |     | band of Fe <sub>2</sub> O <sub>3</sub> from 250'-265'.  |          |                  |                           |
| CREN. 355'-370'        | Trend 10° &           |           |                    |                |       |     | Fe Silicates present from 333'-334', 452'-  |          |                  |                           |
| Ax. plane 80°          |                       |           |                    |                |       |     | 454', 462.5-464.5', 475'-505', 550'-  |          |                  |                           |
| 370'-385'              | 40°-50°               |           |                    |                |       |     | 580'. Muscovite seams from 250'-280', 286.5'  |          |                  |                           |
| CREN. 370'-385'        | Trend 0° &            |           |                    |                |       |     | -289.5', 535'-540', 580'-585'. Core   |          |                  |                           |
| Ax. plane 50°          |                       |           |                    |                |       |     | quartz 'dike' from 522'-523.7'.   |          |                  |                           |

REVISED

Drill Hole No. 22 Claim No. 62050-05  
 Location Jeanine Lake  
 Collar Elev. 3091.65 Direction \_\_\_\_\_  
 Coordinates 5+15W.-12+88S. Ref. to AL#3  
 Depth 960' Angle 90°  
 Date start July 24, 1956 Finish Aug. 6, 1956  
 Casing 6' Date of Report Aug. 1, 1956

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 160

Sheet No. 3 of 4 SHEETS  
 Drilled by Boyles Bros.  
 Type D.P. #2  
 Hole Size BA  
 Analyzed by \_\_\_\_\_  
 Classified by B. Longmore  
 Stored 160

| DATE                     | ∠ of Hole From Horiz. | Hole Size | ∠ of Rod From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks  |
|--------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|                          |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
| 385'-400'                | 50°-60°               |           |                    | 17.1           | 585   | 607   | Quartz-Muscovite-Schist  |          |                  | Change from BA to AX at 626.5'                                |
| CREN. 385'-400'          | Trend 0°              |           |                    |                |       |       | Sparse narrow seams & spotting of Fe <sub>2</sub> O <sub>3</sub>   |          |                  |   |
| AX. plane varies 60°-80° |                       |           |                    |                |       |       |  |          |                  |   |
| CREN. 400'-415'          |                       |           |                    | 13.2           | 607   | 621.5 | Iron Formation   |          |                  | 607'-621.5' 15-20% Fe   |
| CREN. 415'-430'          | AX. plane 60°         |           |                    |                |       |       | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> & spotted Fe <sub>2</sub> O <sub>4</sub> throughout.  |          |                  | 621.5'-625' 10-15% Fe   |
| CREN. 430'-445'          | AX. plane 70°         |           |                    |                |       |       |  |          |                  | 625'-665' 15-20% Fe   |
| 445'-460'                | 70°                   |           |                    |                |       |       |  |          |                  | 665'-670' 20-25% Fe   |
| CREN. 445'-460'          | Trend 0° &            |           |                    | 3.4            | 621.5 | 625   | Lean Iron Formation  |          |                  | 670'-685' 10-15% Fe   |
| AX. plane 60°            |                       |           |                    |                |       |       | Widely dispersed seams & bands of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>4</sub> .   |          |                  | 685'-713.5' 15-20% Fe   |
| CREN. 460'-475'          | AX. plane 60°         |           |                    |                |       |       |  |          |                  | 713.5'-725' 20-25% Fe   |
| CREN. 475'-490'          | Trend 30° &           |           |                    |                |       |       |  |          |                  | 725'-749' 25-30% Fe   |
| AX. plane 60°            |                       |           |                    |                |       |       |  |          |                  |   |
| CREN. 490'-520'          | Trend 0°-10°          |           |                    | 40.4           | 625   | 670   | Iron Formation   |          |                  | No Core Recovery from 733'-734.3', 738.2' - 739', 742'-742.5' |
| & AX. plane 50°-60°      |                       |           |                    |                |       |       | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> , Spotted Fe <sub>2</sub> O <sub>4</sub> from 625'-645'. Trace of Fe Silicates from 625'-640'. Spotted Fe <sub>2</sub> O <sub>4</sub> from 650'-670'. |          |                  |   |
| 520'-535'                | 30°                   |           |                    |                |       |       |  |          |                  |   |
| CREN. 520'-535'          | Trend 0°-10°          |           |                    |                |       |       |  |          |                  |   |
| & AX. plane 40°          |                       |           |                    |                |       |       |  |          |                  |   |
| CREN. 535'-550'          | Trend 0°-10°          |           |                    | 13.2           | 670   | 685   | Lean Iron Formation  |          |                  |   |
| & AX. plane 50°          |                       |           |                    |                |       |       | Widespread narrow seams & occasional band of Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |   |
| 550'-565'                | 40°                   |           |                    |                |       |       |  |          |                  |   |
| CREN. 550'-580'          | Trend 0°-10°          |           |                    |                |       |       |  |          |                  |   |
| 580'-600'                | 50°-60°               |           |                    | 58.2           | 685   | 749   | Iron Formation   |          |                  |   |

REVISED

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

Drill Hole No. 22 Claim No. 62050-085

Location Jeanine Lake

Coordinates 3091.65 Ref. to \_\_\_\_\_

Collar Elev. 5+15W. -12+955 Direction BL #3

Depth 960' Angle 90°

Date Start July 24, 1956 Finish Aug. 6, 1956.

Casing 6" Date of Report Aug 2, 1956.

Sheet No. 4 of 4 SHEETS

Drilled By Hayles Bros.

Type RT #2

Hole Size AX

Analyzed By \_\_\_\_\_

Classified By B. Longmore

Stored 160.

| DATE              | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inch of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS |  |
|-------------------|-----------------------|-----------|--------------------|--------------|-------|-------|---|----------|------------------|------------------|--|
|                   |                       |           |                    |              | From  | To    |   | Fe       | SiO <sub>2</sub> |                  |  |
| 585'-607'         | 45°                   |           |                    |              |       |       | Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>3</sub> O <sub>4</sub> throughout   |          |                  | Trace            |  |
| CREN. 585'-607'   | Trend 0°              |           |                    |              |       |       | Fe Silicates from 744.5'-746'   |          |                  | Banded           | No Core Recovery from 757.5'-760'.     |
| 607'-621.5'       | 50°                   |           |                    |              |       |       | Muscovite from 748'-749'  |          |                  |                  |  |
| CREN. 607'-621.5' | Trend 0°              |           |                    |              |       |       |   |          |                  |                  |  |
| CREN. 621.5'-625' |                       |           |                    | 7.4          | 749   | 757.5 | Quartz Flack  |          |                  |                  | 760'-805' 20-25% Fe                    |
| 625'-640'         | 70°                   |           |                    |              |       |       | Occasional narrow seam & band of Fe <sub>2</sub> O <sub>3</sub>                         |          |                  |                  | 805'-855' 25-30% Fe                    |
| CREN. 625'-640'   | Trend 0°              |           |                    |              |       |       | Banded Muscovite from 756.3'-756.8'   |          |                  |                  | 855'-920 30-35% Fe                     |
| 640'-641'         | 50°                   |           |                    |              |       |       |   |          |                  |                  | 920'-960' 25-30% Fe                    |
| CREN. 641'-670'   | Trend 0°-10°          |           |                    | 181.9        | 760   | 960   | Iron Formation  |          |                  |                  |  |
| & Ax. plane       | 50°-60°               |           |                    |              |       |       | Narrow seams with banding of Fe <sub>2</sub> O <sub>3</sub>                             |          |                  |                  | Core Recovery in Iron Formation - 91%. |
| CREN. 670'-685'   | Trend 20°             |           |                    |              |       |       | Spotted Fe <sub>2</sub> O <sub>3</sub> from 765'-776', 820'-845', 853'-865', 936'-960'. |          |                  |                  |  |
| 720'-720'         | 50°                   |           |                    |              |       |       |   |          |                  |                  |  |
| CREN. 685'-749'   | Trend 0°-10°          |           |                    |              |       |       | Fe Silicates from 765'-776', 853'-865', 957.5'-960'.                                    |          |                  |                  | Dip Test at 960' - 85°.                |
| & Ax. plane       | 50°                   |           |                    |              |       |       |   |          |                  |                  |  |
| 749'-757.5'       | 50°-60°               |           |                    |              |       |       | Seams & scattered bands of Muscovite from 783'-788.5'.                                  |          |                  |                  |  |
| 779'-797'         | 50°-60°               |           |                    |              |       |       |   |          |                  |                  |  |
| CREN. 760'-960'   | Trend 0°-10°          |           |                    |              |       |       |   |          |                  |                  |  |
| Axial plane       | 50°                   |           |                    |              |       |       |   |          |                  |                  |  |
| END OF HOLE       |                       |           |                    |              |       |       |   |          |                  |                  |  |







REVISED

Drill Hole No. 33 Claim No. G2051-CL.1  
 Location Jeanine Lake  
 Collar Elev. 3325.95 Direction SOUTH  
 Coordinates 36+10W. - 3+80S. Ref. to B.L. #3.  
 Depth 734' Angle 45°  
 Date start July 18, 1956 Finish July 25, 1956.  
 Casing 7' Date of Report July 24, 1956

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. 3 of 3 SHEETS  
 Drilled by Boyles Bros  
 Type A.P. #2.  
 Hole Size AX  
 Analyzed by \_\_\_\_\_  
 Classified by B. Longmore  
 Stored 16 D

FT.

| DATE          | ∠ of Hole From Horiz.                      | Hole Size | ∠ of Rod From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                            |
|---------------|--|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|               |  |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
| 537'-542'     | 60°  |           |                    | 4.9            | 537   | 542   | Quartz - Muscovite - Schist  |          |                  |   |
| 542'-575.5'   | 80°  |           |                    |                |       |       | Narrow seams of Fe <sub>2</sub> O <sub>3</sub>   |          |                  | No Core Recovery from 720' - 720.9'         |
| 575.5'-618.3' | 60°-70°                                    |           |                    |                |       |       |  |          |                  |   |
| 626.5'-647'   | 80°  |           |                    | 19.2           | 542   | 561.7 | Quartz Rock  |          |                  |   |
| 647'-682'     | varies at irregular intervals from 40°-80° |           |                    |                |       |       | Very widespread & few narrow seams of Fe <sub>2</sub> O <sub>3</sub>   |          |                  |   |
| 682'-734'     | 80°  |           |                    | 13.5           | 561.7 | 575.5 | Marble   |          |                  | Core Recovery in Iron Formation - 95%       |
|               |  |           |                    |                |       |       | Bands of impurities throughout.  |          |                  |   |
|               |  |           |                    | 40.5           | 575.5 | 618.3 | Quartz Rock  |          |                  |   |
|               |  |           |                    |                |       |       | Narrow seams of Fe <sub>2</sub> O <sub>3</sub> from 584.1' - 586.5', 589' - 592'. Fe Silicates from 609.2' - 611'  |          |                  | Dip Tests at 250' - 47°<br>" " " 734' - 45° |
|               |  |           |                    | 7.8            | 618.3 | 626.5 | Marble   |          |                  |   |
|               |  |           |                    |                |       |       | Bands of impurities throughout   |          |                  |   |
|               |  |           |                    | 19.6           | 626.5 | 647   | Quartz Rock  |          |                  |   |
|               |  |           |                    | 82.4           | 647   | 734   | Marble   |          |                  |   |
|               |  |           |                    |                |       |       | Bands of impurities from 647' - 682', 707' - 734'. Band of Fe <sub>2</sub> O <sub>3</sub> at 711.8' & occasional narrow seams from 727' - 732'. Widespread & |          |                  |   |



REVISED

Drill Hole 34 Claim No. 62051-01

THE CARTIER MINING COMPANY LIMITED

Location Jeanine Lake

Coordinates 28° 55' W. - 84° 55' S. Ref. to 51.53

**EXPLORATION DRILL HOLE DATA SHEET**

Collar Elev. 3200.59 Direction SOUTH

AREA 16 D.

Depth 427' Angle 45°

Date Start July 27, 1956 Finish July 29, 1956

Casing 7' Date of Report July 30, 1956

Sheet No. 1 of 2 SHEETS

Drilled By Boyles Bros.

Type D.D. #2

Hole Size A1

Analyzed By \_\_\_\_\_

Classified By B. Langner

Stored 16 D.

| DATE              | L of Hole From Horiz. | Hole Size | L of Rod From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS               |
|-------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--------------------------------|
|                   |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |                                |
| 7'-51.4'          | 60°                   |           |                    | 23.5           | 7     | 51.4  | Lean Iron Formation  |          |                  | No Core Recovery from          |
| CREN. 51.4'-72'   |                       |           |                    |                |       |       | Occasional thin seams of Fe <sub>2</sub> O <sub>3</sub>            |          |                  | 10.6'-12', 17.8'-18.6', 21.3'- |
| 51.4'-72'         | Changes constantly    |           |                    |                |       |       | Muscovite seams throughout.  |          |                  | 24.5', 24.7'-29.5', 30'-33',   |
| From 30°-70°      |                       |           |                    |                |       |       |  |          |                  | 99.5'-101.5', 104.3'-106.4',   |
| 72'-92'           | 40°                   |           |                    | 45.1           | 51.4  | 99.5  | Iron Formation   |          |                  | 119.2'-120.5', 123.5'-126',    |
| CREN. 72'-92'     | Trend 40° &           |           |                    |                |       |       | Seams & narrow bands of Fe <sub>2</sub> O <sub>3</sub>             | Spotted  |                  | 150'-152', 169'-172'           |
| As plane 50°      |                       |           |                    |                |       |       | Fe <sub>2</sub> O <sub>3</sub> throughout.                         |          |                  |                                |
| 92'-99.5'         | 70°                   |           |                    |                |       |       |  |          |                  |                                |
| 99.5'-115'        | 60°                   |           |                    | 14.0           | 99.5  | 126   | Quartz Rock  |          |                  |                                |
| 115'-117'         | 50°                   |           |                    |                |       |       | Occasional narrow seams & finely disseminated                      |          |                  |                                |
| 117'-126'         | 60°                   |           |                    |                |       |       | Fe <sub>2</sub> O <sub>3</sub> Band of Fe Silicates from           |          |                  | 115'-117'                      |
| 126'-128.7'       | 40°-70°               |           |                    |                |       |       |  |          |                  | 7'-51.4' 10-15% Fe             |
| CREN. 126'-128.7' |                       |           |                    | 2.4            | 126   | 128.7 | Iron Formation   |          |                  | 51.4'-99.5' 15-20% Fe          |
| 128.7'-169'       | 50°-70°               |           |                    |                |       |       | Stringers of Fe <sub>2</sub> O <sub>3</sub>                        |          |                  | 126'-128.7' 15-20% Fe          |
| CREN. at 169'     | Trend 35°             |           |                    |                |       |       |  |          |                  | 211'-214' 10-15% Fe            |
| As plane 55°      |                       |           |                    | 36.2           | 128.7 | 169   | Quartz Rock  |          |                  |                                |
| CREN. 169'-182'   |                       |           |                    |                |       |       | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> with occasional |          |                  | Footage Summary                |
| 182'-211'         | 50°-70°               |           |                    |                |       |       | seam.  |          |                  | July 27 49'                    |
|                   |                       |           |                    |                |       |       |  |          |                  | " 28 194'                      |
|                   |                       |           |                    | 9.7            | 169   | 182   | Quartz Muscovite Schists   |          |                  | " 29 184'                      |
|                   |                       |           |                    | 28.0           | 182   | 211   | Quartz Rock  |          |                  |                                |
|                   |                       |           |                    |                |       |       | Occasional band of Muscovite & Fe <sub>2</sub> O <sub>3</sub>      |          |                  |                                |







Drill Hole No. 35 Claim No. 62051-01.1.

Location Jeanine Lake

Collar Elev. 3283.58 Direction SOUTH

Coordinates 41° 9' 5W. - 0° 48' 5N Ref. to B.L. #3.

Depth 815' Angle 45°

Date start July 5, 1956 Finish July 16, 1956.

Casing 7' Date of Report July 12, 1956.

REVISED

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 160

Sheet No. 2 of 4 SHEETS

Drilled by Bayles Bros.

Type O.D. #2

Hole Size BX

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 160.

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                                   |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
|      |                       |           |                    | 29.7           | 308.7 | 399   | Iron Formation<br>Narrow seams & occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>4</sub> throughout  |          |                  | Rust stains at 313'<br>308.7' - 399' 20-25% Fe     |
|      |                       |           |                    | 28.0           | 339   | 368   | Quartz Rock<br>Banded Muscovite from 349' - 350'.<br>Banded Fe <sub>2</sub> O <sub>3</sub> at 366'.  |          |                  | No Core Recovery from 368.5' - 371.8'.             |
|      |                       |           |                    | 1.5            | 360   | 373.5 | Quartz - Muscovite - Schist  |          |                  | Change from BX to AX at 402.7                      |
|      |                       |           |                    | 70.5           | 373.5 | 447.3 | Iron Formation<br>Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>4</sub> from 395' - 440'.<br>Muscovite banding from 424.5' - 436.5'.<br>Banded Fe <sub>2</sub> O <sub>4</sub> at 441.9'. |          |                  | 373.5' - 447.3' 20-25% Fe<br>455' - 470' 10-15% Fe |
|      |                       |           |                    | 7.5            | 447.3 | 455   | Quartz Rock<br>Scattered narrow seams of Fe <sub>2</sub> O <sub>3</sub> from 447.3' - 448.4'.  |          |                  |  |
|      |                       |           |                    | 14.7           | 455   | 470   | Lean Iron Formation<br>Scattered narrow seams of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>4</sub> . Occasional band of Muscovite.  |          |                  |  |

Drill Hole No. 35 Chain No. 62051-02.1

Location Jeanine Lake

Collar Elev. 3885.58 Direction SOUTH

Coordinates 41° 35' W. - 046° 08' N. Ref. to U.L.#2

Depth 915' Angle 45°

Date start July 5, 1956 Finish July 16, 1956

Casing 7' Date of Report July 14, 1956

REVISED

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16D.

Sheet No. 3 of 4 SHEETS

Drilled by Bayles Bros.

Type D.D.#2

Hole Size AI

Analyzed by \_\_\_\_\_

Classified by R. Longmore

Stored 16D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks   |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
|      |                       |           |                    | 62.1           | 570   | 580   | Quartz Rock<br>Beds of Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> at 535.5'   |          |                  | No Core Recovery from<br>526.8' - 529.7', 530' -<br>531.2', 536.2' - 538.4',<br>539.5' - 540', 540.7' -<br>543.1', 574.3' - 575' |
|      |                       |           |                    | 18.0           | 548   | 568   | Lean Iron Formation<br>Occasional banding & narrow seams<br>of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>3</sub> O <sub>4</sub> . Narrow<br>seams of Muscovite scattered throughout.   |          |                  | 548' - 568' 10-15% Fe.<br>568' - 575' 25-30% Fe  |
|      |                       |           |                    | 5.8            | 568   | 575   | Iron Formation<br>Narrow seams & banding of Fe <sub>2</sub> O <sub>3</sub> with<br>spotted Fe <sub>3</sub> O <sub>4</sub> throughout.  |          |                  | No Core Recovery from<br>575' - 576.5', 578.3' -<br>580', 602' - 610', 686.4' -<br>688.8', 701' - 702.5', 712' -<br>713'         |
|      |                       |           |                    | 140.4          | 575   | 732.2 | Quartz Rock<br>Occasional seam & band of Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> .<br>Disseminated Fe <sub>2</sub> O <sub>3</sub> & spotted Fe <sub>3</sub> O <sub>4</sub> .<br>High muscovite contents from 575' - 644',<br>688.8' - 692.3', 715' - 725' & 725.5' - 732.2'.<br>Pure qtz. dike from 601' - 602.5'. |          |                  | Rust stains at 644'.<br>732.2' - 735.9' 20-25% Fe  |
|      |                       |           |                    | 3.6            | 732.2 | 735.8 | Iron Formation<br>Seams of Fe <sub>2</sub> O <sub>3</sub> with occasional band of<br>Fe <sub>3</sub> O <sub>4</sub> & spotted Fe <sub>3</sub> O <sub>4</sub> .   |          |                  |  |





Drill Hole No. 42 Claim No. 62050-CL.4.

Location 3.0 mine lake

Collar Elev. 3015.12 Direction \_\_\_\_\_

Coordinates 535E 124° Ref. to PL. #3

Depth 724' Angle 90°

Date start Aug 24 Finish Aug 27/56

Casing 52' Date of Report Aug 27/56

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16D.

Sheet No. 1 of 4 SHEETS

Drilled by Boyer Bros.

Type 1.0 #2

Hole Size 1.0

Analyzed by \_\_\_\_\_

Classified by Boyer Bros.

Stored 16D.

| DATE                         | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|                              |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|                              |                       |           |                    | 1.5            | 52    | 54    | Qbz - Marble Seams.   |          |                  | Marble from 54'-55'   |
| 179'-183'                    | 40°                   |           |                    | 43.8           | 54    | 118   | Marble<br>Occasional light bands of impurities but relatively pure. Banding of Fe <sub>2</sub> O <sub>3</sub> at 118.   |          |                  | appears as though it may be well water-worn.<br>No Core Recovery taken 55'-65'. |
| Aug 21 - 25' up.<br>25 - 43' |                       |           |                    |                |       |       |   |          |                  |   |
| 26 - 37'                     |                       |           |                    |                |       |       |   |          |                  |   |
| 27 - 206'                    |                       |           |                    | 58.8           | 118   | 179   | Quartz Rock.  |          |                  |   |
| 28 - 155'                    |                       |           |                    |                |       |       | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> present with occasional spotting of Fe Silicates. Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> from 134'-141' (occasional). |          |                  | 179'-183' 20-25% Fe   |
| 29 - 137'                    |                       |           |                    |                |       |       | Muscovite seams present from 156'-162', 166'-168'.  |          |                  |   |
| 30 - 101'                    |                       |           |                    |                |       |       |   |          |                  |   |
| 31 - 51'                     |                       |           |                    |                |       |       |   |          |                  |   |
|                              |                       |           |                    | 3.9            | 179   | 183   | Iron Formation<br>Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |   |
|                              |                       |           |                    | 4.9            | 183   | 188   | Quartz Rock.<br>Muscovite Seams from 186'-188'.   |          |                  |   |
|                              |                       |           |                    | 18.7           | 188   | 207.5 | Marble<br>Banded impurities throughout.   |          |                  | dip test.<br>angle at 200' - 36°  |

Drill Hole No. 42 Claim No. 62050-0.4

Location Tammine Lake

Collar Elev. 3015.12 Direction \_\_\_\_\_

Coordinates S 25 E 12 Ref. to R.L.M. 3

Depth 724 Angle 90°

Date start Aug 24 Finish Aug 31

Casing 52 Date of Report Aug 29/56

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 160.

Sheet No. 2 of 4 SHEETS  
Drilled by Boyer Bros.  
Type D.P. # 2  
Hole Size 2 1/2  
Analyzed by \_\_\_\_\_  
Classified by Chapman  
Stored 160.

ET

| DATE               | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION | ANALYSES |   | Drilling Remarks |  |
|--------------------|-----------------------|-----------|--------------------|----------------|-------|-------|----------------|----------|---|------------------|--|
|                    |                       |           |                    |                | From  | To    |                | Fe       | SiO <sub>2</sub>  |                  |  |
|                    |                       |           |                    |                | 37.6  | 207.5 | 246.5          | 5        | Quartz Rock   |                  |  |
| <u>246.5'-304'</u> | <u>40°</u>            |           |                    |                |       |       |                |          | Occasional seams & stringers of Fe <sub>2</sub> O <sub>3</sub> & muscovite. Dense seams of Fe <sub>2</sub> O <sub>3</sub> at 207.5' & from 219'-220'. Dense seams of muscovite from 242.5'-246.5'       |                  | <u>246.5'-249' 20-25% Fe.</u><br><u>253.5'-280' 25-30% Fe.</u> |
|                    |                       |           |                    |                | 2.3   | 246.5 | 249            | 2        | Iron Formation  |                  |  |
|                    |                       |           |                    |                |       |       |                |          | Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>3</sub> .   |                  |  |
|                    |                       |           |                    |                | 4.3   | 249   | 253            | 5        | Quartz-Muscovite schist.  |                  |  |
|                    |                       |           |                    |                |       |       |                |          | Fine disseminated Fe <sub>2</sub> O <sub>3</sub> precipitate.   |                  |  |
|                    |                       |           |                    |                | 24.5  | 253.5 | 280            | 2        | Iron formation  |                  |  |
|                    |                       |           |                    |                |       |       |                |          | Narrow seams, stringers & occasional band of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>3</sub> from 253.5' - 255'. Spotted Fe <sub>2</sub> O <sub>3</sub> & Fe silicates at 279'. |                  |  |
|                    |                       |           |                    |                | 23.6  | 280   | 304            | 2        | Quartz Rock   |                  |  |
|                    |                       |           |                    |                |       |       |                |          | Occasional seams & bands of Fe <sub>2</sub> O <sub>3</sub> & muscovite.   |                  |  |

Drill Hole No. 42 Claim No. 62050-104

THE CARTIER MINING COMPANY LIMITED

Sheet No. 3 of 4 SHEETS

Location Jeanine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Hayes Bros.

Coordinates 2-45E. 12-45N Ref. to R.L. #3

Type U.D. #2

Collar Elev. 3015.12 Direction \_\_\_\_\_

AREA 16 A.

Hole Size PK

Depth 724' Angle 90°

Analyzed By \_\_\_\_\_

Date Start Aug 24 Finish Aug 31

Classified By B. Langmaid

Casing 52' Date of Report Aug. 30 1956

Stored 16 A.

FT.

| DATE          | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|---------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|               |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|               |                       |           |                    | 11.9           | 304   | 316   | Quartz Muscovite Schist.<br>Finely disseminated Fe <sub>2</sub> O <sub>3</sub> present.   |          |                  |   |
| 376.5' - 450' | 40°                   |           |                    |                |       |       |   |          |                  | Core heavily pitted at 320'   |
| 450' - 485'   | 30°                   |           |                    | 54.4           | 316   | 371.5 | Quartz Rock.  |          |                  |   |
| 485' - 491'   | 40°                   |           |                    |                |       |       | Occasional seams & bands of Muscovite.  |          |                  | No Core Recovery from 372' - 375'   |
| 491' - 501'   | 30°                   |           |                    |                |       |       | Thin narrow seams of Fe <sub>2</sub> O <sub>3</sub> from 337' - 340'  |          |                  |   |
| 501' - 516'   | 30° - 40°             |           |                    |                |       |       | Stringers of Fe <sub>2</sub> O <sub>3</sub> throughout with some of Fe <sub>2</sub> O <sub>3</sub> at 354' - 355'. Heavy banding of Muscovite from 375.5' - 376.5'  |          |                  |   |
| 526' - 533'   | OPEN.                 |           |                    |                |       |       |   |          |                  | Fracture zone from 385' - 388'. Pitted calcite vein with pyrite cement on walls. This at about 80° from 385' - 385.5' & reappears at 388'. Width of vein - 1/8" |
|               |                       |           |                    | 128.6          | 371.5 | 516   | Iron Formation<br>Seams, stringers & occasional bands of Fe <sub>2</sub> O <sub>3</sub> . Trace of FeS <sub>2</sub> at 379'. Spotted Fe <sub>2</sub> O <sub>3</sub> from 444' - 468'. Fe Silicates present from 454' - 462'. Spotted Fe <sub>2</sub> O <sub>3</sub> from 480' - 516'. |          |                  | 376.5' - 429' 15-20% Fe<br>429' - 438' 20-25% Fe<br>438' - 516' 25-30% Fe   |
|               |                       |           |                    | 9.8            | 516   | 526   | Quartz Rock<br>Seams of Muscovite with wide, flat stringers of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |   |
|               |                       |           |                    | 128.9          | 526   | 539   | Quartz Muscovite Schist<br>Very finely disseminated Fe <sub>2</sub> O <sub>3</sub>  |          |                  |   |



Drill Hole 42 Claim No. 62450-04 THE CARTIER MINING COMPANY LIMITED  
 Location Jeanine hole  
 Coordinates 2135E 1245S Ref. to R 3  
 Collar Elev. 3015.12 Direction \_\_\_\_\_ AREA 1613  
 Depth 724' Angle 30°  
 Date Start Aug 24 Finish Aug 31  
 Casing 52' Date of Report Aug 31/52

Sheet No. 4 of 4 SHEETS  
 Drilled By Wayles H. H. H.  
 Type H. D. #2  
 Hole Size 1 1/2"  
 Analyzed By \_\_\_\_\_  
 Classified By F. Langmore  
 Stored 1613

| DATE              | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS        |
|-------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|-------------------------|
|                   |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |                         |
|                   |                       |           |                    | 8.2            | 539   | 548.5 | Quartz Rock  |          |                  |                         |
|                   |                       |           |                    |                |       |       | Stringers & disseminated Fe <sub>2</sub> O <sub>3</sub> present with narrow seams of Magnetite.  |          |                  |                         |
| 548.5' - 635' 35" |                       |           |                    |                |       |       |  |          |                  | 548.5' - 619' 25-30% Fe |
| 635' - 637'       |                       |           |                    |                |       |       |  |          |                  | 619' - 633' 20-25% Fe   |
| 675' - 724' 30"   |                       |           |                    | 16.1           | 548.5 | 724'  | Iron Formation   |          |                  |                         |
|                   |                       |           |                    |                |       |       | Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> with occasional banding. Magnetite which from 637' - 638' Fe Silicate & spotted Fe <sub>2</sub> O <sub>3</sub> from 641' - 724' 638' - 4.5" band |          |                  | 635 - 660' 15-20% Fe    |
|                   |                       |           |                    |                |       |       | Fe silicate also 700.5' to 701.5'  |          |                  | 660' - 700' 25-30% Fe   |
|                   |                       |           |                    |                |       |       | From 700' increasing number of Fe Silicate bands. occasional seams of Magnetite.   |          |                  | 700' - 724' 20-25% Fe   |
|                   |                       |           |                    |                |       |       |  |          |                  | Core pitted at 655'     |

Drill Hole 43 Claim No. 62050 #2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 1 sheet.

Location Juanine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Douglas Bees

Coordinates 49° 19' 55" N Ref. to 2103

Type DDH

Collar Elev. 3053.91 Direction \_\_\_\_\_

AREA 16 D

Hole Size 8 1/2

Depth 212' Angle 90

Analyzed By \_\_\_\_\_

Date Start Sept 2 Finish Sept 6/56

Classified By Peter W. Gross

Casing 26' Date of Report Sept 4/56

Stored 16 D

| DATE                 | L of Hole From Horiz.          | Hole Size | L of Bed From Axis | Feet of Core | DEPTH |      | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS                                 |
|----------------------|--------------------------------|-----------|--------------------|--------------|-------|------|---|----------|------------------|--|
|                      |                                |           |                    |              | From  | To   |   | Fe       | SiO <sub>2</sub> |  |
|                      |                                |           |                    | 14.8         | 26'   | 41'  | Fine Franciscan - in patches disseminated, in patches barren Fe <sub>2</sub> O <sub>3</sub>   |          |                  | 26-41' 15-26% Fe                                 |
|                      | 50° generally                  |           |                    |              |       |      | 22.5'-30.5' qtz muscovite schist - abundant muscovite mass at Fe <sub>2</sub> O <sub>3</sub> accumulation muscovite scattered throughout. |          |                  |  |
|                      | trend 0-10° axial plane 50°    |           |                    |              |       |      | 41' 50' qtz muscovite schist  |          |                  | muscovite 4.6'-50' 4.7'-4.5'                     |
| Daily Summary        |                                |           |                    | 3.9          | 50'   | 54'  | qtz rock - disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.  |          |                  |  |
| Sept 2, 3, 4 Set up. |                                |           |                    |              |       |      | spotted Fe <sub>2</sub> O <sub>3</sub>  |          |                  |  |
|                      |                                |           |                    |              |       |      | abundant muscovite bands  |          |                  |  |
|                      |                                |           |                    | 22.8         | 54'   | 77'  | qtz muscovite schist.   |          |                  |  |
|                      |                                |           |                    |              |       |      | qtz rock 73'-94'  |          |                  |  |
|                      |                                |           |                    |              |       |      | qtz <sup>disseminated</sup> at 77' with a little massive Fe <sub>2</sub> O <sub>3</sub> in a single stringer.                             |          |                  |  |
|                      |                                |           |                    | 17.1         | 75'   | 210' | qtz rock disseminated Fe <sub>2</sub> O <sub>3</sub>  |          |                  | dip test at 210° - 85°                           |
|                      | 16.7° axial plane              |           |                    |              |       |      | hard Fe <sub>2</sub> O <sub>3</sub> at 89'  |          |                  | - mostly massive and no angle could be obtained. |
|                      | trend D-10° axial plane 30-35° |           |                    |              |       |      | 2 small <sup>stringers</sup> at 81' of Fe <sub>2</sub> O <sub>3</sub> in qtz rock.  |          |                  |  |
|                      |                                |           |                    |              |       |      | muscovite disseminated & scattered  |          |                  |  |
|                      |                                |           |                    |              |       |      | plane of fine spots of Fe <sub>2</sub> O <sub>3</sub> angle 50°   |          |                  |  |





REVISED

Drill Hole No. 4 Claim No. 62050-Cl.3.

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 4 SHEETS

Location Jeanine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Boyles Bros.

Coordinates 11+15 E. - 18+40 S. Ref. to B.L.#3.

Type DD #2

Collar Elev. 3007.45 Direction \_\_\_\_\_

AREA 160

Hole Size AX

Depth 850' Angle 90°

Analyzed By \_\_\_\_\_

Date Start July 20, 1956 Finish July 26, 1956

Classified By B. Langmore

Casing 50 Date of Report July 23, 1956

Stored 160

FT.

| DATE      | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS |
|-----------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|------------------|
|           |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |                  |
| 490'-497' | 30°-40°               |           |                    | 47.4           | 395.3 | 444   | Quartz Rock   |          |                  |                  |
| 497'-520' | 40°                   |           |                    |                |       |       | Occasional seams & finely disseminated Fe <sub>2</sub> O <sub>3</sub>   |          |                  |                  |
| 520'-525' | 30°-40°               |           |                    |                |       |       | Band of marble (with impurities) from 401.5' - 402.5', seams of marble from 434'-444', Muscovite seams throughout. Spotted Fe <sub>2</sub> O <sub>3</sub> from 438.3' - 440.4'.                     |          |                  |                  |
|           |                       |           |                    | 29.6           | 444   | 476.7 | Iron Formation  |          |                  |                  |
|           |                       |           |                    |                |       |       | Dense narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>3</sub> throughout; seams from 444' - 445'. Trace of Fe Silicates at 466.5' & 476.7'. |          |                  |                  |
|           |                       |           |                    | 12.8           | 476.7 | 490   | Quartz Rock   |          |                  |                  |
|           |                       |           |                    |                |       |       | Heavy band of Fe <sub>2</sub> O <sub>3</sub> at 477.5' with widespread narrow seams & finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout. Muscovite seams throughout.                    |          |                  |                  |
|           |                       |           |                    | 6.7            | 490   | 497   | Quartz - Muscovite Schist.  |          |                  |                  |
|           |                       |           |                    | 22.0           | 497   | 520   | Quartz Rock   |          |                  |                  |
|           |                       |           |                    | 4.5            | 520   | 525   | Iron Formation  |          |                  |                  |

REVISED

Drill Hole No. 44 Claim No. G2050-013

THE CARTIER MINING COMPANY LIMITED

Sheet No. 3 of 4 SHEETS

Location Jeanine Lake

Drilled By Bayles Bros.

Coordinates 11+15 E. - 15+40 S. Ref. to BL # 3.

EXPLORATION DRILL HOLE DATA SHEET

Type D.D. # 2

Collar Elev. 3007.45 Direction \_\_\_\_\_

AREA 160

Hole Size AX

Depth 850' Angle 90°

Analyzed By \_\_\_\_\_

Date Start July 20, 1956 Finish July 26, 1956.

Classified By F. Langmore

Casing 50' Date of Report July 25, 1956.

Stored 160.

| DATE          | L of Hole From Horiz. | Hole Size | L of Bed From Axis | FT. Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS                                 |
|---------------|-----------------------|-----------|--------------------|--------------------|-------|-------|--|----------|------------------|--|
|               |                       |           |                    |                    | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
| 525'-551.6'   | 30°                   |           |                    | 27.5               | 525   | 558   | Quartz Rock  |          |                  | No Core Recovery from 532.5' - 537', 706' - 707' |
| 551.6' - 558' | 35°                   |           |                    |                    |       |       | Widespread seams of Fe <sub>2</sub> O <sub>3</sub> , Marble & Fe Silicates at 538.5'               |          |                  |  |
| 558' - 561.5' | 40°                   |           |                    |                    |       |       |  |          |                  |  |
| 561.5' - 687' | 30°                   |           |                    |                    |       |       |  |          |                  |  |
| 687' - 695'   | 40°                   |           |                    | 3.3                | 558   | 561.5 | Quartz - Muscovite Schist.   |          |                  |  |
| 695' - 714'   | 30°                   |           |                    |                    |       |       |  |          |                  |  |
| 714' - 730'   | 35°                   |           |                    | 10.6               | 561.5 | 677   | Iron Formation   |          |                  |  |
|               |                       |           |                    |                    |       |       | Narrow seams & occasional band of Fe <sub>2</sub> O <sub>3</sub> .                                 |          |                  |  |
|               |                       |           |                    | 2.5                | 677   | 680   | Quartz Rock  |          |                  |  |
|               |                       |           |                    |                    |       |       | Highly disseminated Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  |  |
|               |                       |           |                    | 6.0                | 680   | 687   | Quartz - Muscovite Schist  |          |                  |  |
|               |                       |           |                    | 7.7                | 687   | 695   | Quartz Rock  |          |                  |  |
|               |                       |           |                    |                    |       |       | Highly disseminated Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> throughout.    |          |                  |  |
|               |                       |           |                    | 17.2               | 695   | 714   | Lean Iron Formation  |          |                  |  |
|               |                       |           |                    |                    |       |       | Narrow seams & occasional banding of Fe <sub>2</sub> O <sub>3</sub> .                              |          |                  |  |
|               |                       |           |                    |                    |       |       | Spotted Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> throughout.                |          |                  |  |
|               |                       |           |                    | 14.9               | 714   | 730   | Iron Formation   |          |                  |  |
|               |                       |           |                    |                    |       |       | Dense narrow seams of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>3</sub> O <sub>4</sub> . |          |                  |  |
|               |                       |           |                    |                    |       |       | High Muscovite content from 725' - 730'  |          |                  |  |

REVISED

Drill Hole No. 44 Claim No. 62050-023

THE CARTIER MINING COMPANY LIMITED

Sheet No. 4 of 4 SHEETS

Location Jeanine Lake

Drilled By Boyles Bros.

Coordinates 11+15E. - 15+40S. Ref. to B.L.#9.

**EXPLORATION DRILL HOLE DATA SHEET**

Type D.D. #2

Collar Elev. 3007.15 Direction \_\_\_\_\_

AREA 160.

Hole Size AX

Depth 850' Angle 90°

Analyzed By \_\_\_\_\_

Date Start July 20, 1956 Finish July 26, 1956.

Classified By B. Langmore

Casing 50' Date of Report July 27, 1956.

Stored 16 D.

FT.

| DATE             | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS      |
|------------------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|-----------------------|
|                  |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |                       |
| 730'-744'        | 30°-35°               |           |                    | 13.1           | 730   | 744 | Quartz Rock  |          |                  |                       |
| 744'-765'        | 30°                   |           |                    |                |       |     | Widespread narrow seams of Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |                       |
| 765'-785'        | 30°-35°               |           |                    |                |       |     |  |          |                  |                       |
| 785'-850'        | 30°                   |           |                    | 102.1          | 744   | 850 | Iron Formation   |          |                  | Core Recovery in Iron |
| COREN. 849'-850' |                       |           |                    |                |       |     | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>4</sub> from 744'-765', 820'-850'. Trace of Fe Silicates from 837'-839'. |          |                  | Formation - 95%       |
|                  |                       |           |                    |                |       |     |  |          |                  | Dip Test at 850'-79°  |
|                  |                       |           |                    |                |       |     | END OF HOLE  |          |                  |                       |



Drill Hole No. 45 Claim No. 62050-023Location Jeannine LakeCollar Elev. 3013.28 Direction \_\_\_\_\_Coordinates 4+55 E. - 12+60 S Ref. to R.L. #3Depth 730' Angle 90°Date start July 11, 1956 Finish July 17, 1956Casing 24' Date of Report July 14, 1956REVISED

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D.Sheet No. 1 of 3 SHEETSDrilled by Hayles Bros.Type D.D. #2Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. LongmoreStored 16 D.

FT

| DATE                              | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks            |
|-----------------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|-----------------------------|
|                                   |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |                             |
| 11'-13'                           | 80°                   |           |                    | 1.9            | 11    | 13    | Quartz - Muscovite - Schist   |          |                  | No Core Recovery from       |
| 13'-50'                           | 60°                   |           |                    |                |       |       | Dense narrow seams of Fe <sub>2</sub> O <sub>3</sub> from 11.3'-11.8'   |          |                  | 136.5'-139', 201'-202.8',   |
| 50'-150'                          | 70°                   |           |                    |                |       |       |   |          |                  | 241.2'-244.2', 245'-248.2', |
| CREN. 120'-130'                   | Trend 80°             |           |                    | 277.5          | 13    | 319.5 | Iron Formation  |          |                  | 264.4'-270', 270'-273',     |
| CREN. 150'-170'                   | Trend 90°-60°         |           |                    |                |       |       | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>3</sub> from 13'-33', 80'       |          |                  | 345'-348.2'                 |
| 170'-210'                         | 60°                   |           |                    |                |       |       | -200', 273'-274.5', 310'-319.5'. Banding of Fe <sub>2</sub> O <sub>3</sub> from 13'-33' (occasional), at 79.5',                         |          |                  | 13'-55' 15-20% Fe           |
| CREN. 170'-172'                   |                       |           |                    |                |       |       |   |          |                  | 55'-195' 20-25% Fe          |
| CREN. 208.5'-210'                 | Trend 60°             |           |                    |                |       |       | 273'-274.5', 310'-319.5'. Banded Fe   |          |                  | 195'-251' 25-30% Fe         |
| 210'-250'                         | 70°                   |           |                    |                |       |       | Silicates from 273'-274.5'. Magnetite Silicate seams from 312'-316'. Muscovite banding from   |          |                  | 251'-279' 20-25% Fe         |
| CREN. 224'-230'                   |                       |           |                    |                |       |       |   |          |                  | 279'-319.5' 25-30% Fe       |
| 250'-270'                         | 60°                   |           |                    |                |       |       | 257.5'-261.2', 276.3'-278.6', seams from 310'-319.5'.   |          |                  | 319.5'-359' 10-15% Fe       |
| CREN. 250'-251.5' & 261.5'-264.4' | 60°-70°               |           |                    |                |       |       |   |          |                  | 359'-375' 15-20% Fe         |
| 270'-290'                         |                       |           |                    |                |       |       |   |          |                  | 375'-400' 10-15% Fe         |
| CREN. 290'-290'                   |                       |           |                    |                |       |       |   |          |                  | 400'-458' 25-30% Fe         |
| 290'-310'                         | 70°                   |           |                    | 358            | 319.5 | 359   | Lean Iron Formation   |          |                  | 458'-475' 20-25% Fe         |
| CREN. 310'-330'                   |                       |           |                    |                |       |       | Widespread narrow seams & bands of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>3</sub> from 350'-359', 319.5'-330', |          |                  | 475'-485.7' 10-15% Fe       |
| 330'-350'                         | 60°-70°               |           |                    |                |       |       | banded from 319.5'-330'. Muscovite seams from 319.5'-321.5'.  |          |                  | 541.7'-671.5' 10-15% Fe     |
| CREN. at 391'                     | Trend 0°              |           |                    |                |       |       |   |          |                  | 671.5'-703.5' 15-20% Fe     |
| 350'-370'                         | 50°                   |           |                    |                |       |       |   |          |                  |                             |
| CREN. 350'-370'                   |                       |           |                    |                |       |       |   |          |                  |                             |
| 370'-390'                         | 50°-70°               |           |                    | 13.3           | 359   | 375   | Iron Formation  |          |                  |                             |
|                                   |                       |           |                    |                |       |       | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>3</sub> from 370'-375'          |          |                  |                             |

REVISED

Drill Hole No. 45 Claim No. 62050-103

Location Jeanine Lake

Collar Elev. 4+55 E. - 12+60 S Direction D.L.#3

Coordinates 301328 Ref. to                     

Depth 730' Angle 90°

Date start July 11, 1956 Finish July 17, 1956

Casing 24' Date of Report July 17, 1956

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Sheet No. 2 of 3 SHEETS

Drilled by Bayles Bros

Type D.O. #2

Hole Size AX

Analyzed by                     

Classified by B. Langmore

Stored 16 D

FT.

| DATE                          | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks              |
|-------------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|-------------------------------|
|                               |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |                               |
| 390' - 400'                   | 70°                   |           |                    | 23.8           | 375   | 400   | Lean Iron Formation  |          |                  | No Core Recovery from         |
| 400' - 420'                   | 60°                   |           |                    |                |       |       | Narrow seams & infrequent banding of Fe <sub>2</sub> O <sub>3</sub>                          |          |                  | 372.5' - 374', 400' - 402',   |
| CREM. 400' - 420'             | As plane              |           | 60°                |                |       |       | from 375' - 390'. Finely disseminated Fe <sub>2</sub> O <sub>3</sub>                         |          |                  | 421' - 423.3', 437.8' - 440', |
| 420' - 440'                   | 60° - 70°             |           |                    |                |       |       | from 390' - 400'. Spotted Fe <sub>2</sub> O <sub>4</sub> throughout                          |          |                  | 440' - 441.5', 473' - 475',   |
| CREM. 425' - 437.8'           | Trend                 |           | 30° &              |                |       |       | with occasional banding of Fe <sub>2</sub> O <sub>4</sub> from                               |          |                  | 485.7' - 487.4', 492' -       |
| As plane                      | 50°                   |           |                    |                |       |       | 381' - 382' & 390' - 400'. Muscovite seams   |          |                  | 493.5', 500' - 504.8', 535.8' |
| 440' - 460'                   | 70°                   |           |                    |                |       |       | from 382' - 398'. Trace of Fe Silicates from 390' -  |          |                  | 538.8'.                       |
| CREM. 440' - 671.5'           |                       |           |                    |                |       |       |  |          |                  |                               |
| 485.7' - 541.7'               | 60°                   |           |                    | 60.3           | 400   | 475   | Iron Formation   |          |                  |                               |
| 550' - 703.5'                 | 70°                   |           |                    |                |       |       | Dense narrow seams with occasional   |          |                  | Footage Summary               |
| CREM. 592' - 593.5'           | Here the              |           |                    |                |       |       | banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>4</sub> from      |          |                  | July 11 & 12 Set up           |
| ∠ of bed from axis is 70°. As |                       |           |                    |                |       |       | 402' - 410', 420' - 440', 460' - 475'. Fe Silicates  |          |                  | " 13 186'                     |
| plane 70°. Estimated ∠ of bed |                       |           |                    |                |       |       | at 404', from 460' - 475'.   |          |                  | " 14 153'                     |
| 50°                           |                       |           |                    |                |       |       |  |          |                  | " 15 154'                     |
| CREM. 671.5' - 685'           |                       |           |                    | 9.8            | 475   | 485.7 | Lean Iron Formation  |          |                  | " 16 129'                     |
| Trend 80° As plane 80°        |                       |           |                    |                |       |       | Narrow seams of Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>2</sub> O <sub>4</sub> with spotted |          |                  | " 17 108'                     |
| CREM. 685' - 703.5'           | Trend                 |           |                    |                |       |       | Fe <sub>2</sub> O <sub>4</sub> . Banding of Fe <sub>2</sub> O <sub>3</sub> from 482' - 483'  |          |                  |                               |
| 60° As plane 90°              |                       |           |                    |                |       |       | Muscovite seams scattered throughout   |          |                  |                               |
| 703.5' - 730'                 | 60°                   |           |                    |                |       |       |  |          |                  |                               |
| CREM. 703.5' - 730'           |                       |           |                    | 43.4           | 485.7 | 541.7 | Quartz - Muscovite - Schists   |          |                  |                               |
| Trend 0°                      |                       |           |                    |                |       |       | Very widespread stringer of Fe <sub>2</sub> O <sub>3</sub>                                   |          |                  |                               |

REVISED

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Drill Hole No. 45 Claim No. 62050-003

Location Jeannine Lake

Collar Elev. 3013.28 Direction \_\_\_\_\_

Coordinates 4755 E - 12+60 S Ref. to B.L. #3

Depth 730' Angle 90°

Date start July 11, 1956 Finish July 17, 1956

Casing 24' Date of Report July 17, 1956

Sheet No. 3 of 3 PTS

Drilled by Bayles Bros.

Type D.O. #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. Longmore

Stored 16 D

| DATE        | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks   |
|-------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|--|
|             |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |  |
| 17-1        |                       |           |                    | 541            | 541   | 671.5 | Lean Iron Formation   |          |                  | Core pitted at 585.5'  |
|             |                       |           |                    |                |       |       | Occasional narrow seams of Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub>  |          |                  |  |
|             |                       |           |                    |                |       |       | Banding of Fe <sub>2</sub> O <sub>3</sub> at 587.5' with spotted Fe <sub>3</sub> O <sub>4</sub> from 592' - 593.5'. Fe Silicates in small amounts from 550' - 671.5'. Banded Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>3</sub> O <sub>4</sub> from 610' - 610.5'. |          |                  | No Core Recovery from 557.3' - 557.7', 586' - 589', 625' - 628.4', 631.0' - 632', 729' - 730'. |
| 29-6        |                       |           |                    | 671.5          | 671.5 | 703.5 | Iron Formation  |          |                  | Core Recovery in Iron Formation - 89%  |
|             |                       |           |                    |                |       |       | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>3</sub> O <sub>4</sub> throughout with occasional seams from 671.5' - 685'. Banded Fe Silicates at 691.5'. Muscovite seams from 685' - 690'.                                       |          |                  | Dip Tests at 730' - 82°  |
| 23-6        |                       |           |                    | 703.5          | 703.5 | 730   | Quartz - Muscovite - Schist.  |          |                  |  |
|             |                       |           |                    |                |       |       | Occasional narrow seams of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>3</sub> O <sub>4</sub> . Fe Silicates from 725' - 729'.  |          |                  |  |
| END OF HOLE |                       |           |                    |                |       |       |   |          |                  |  |



Drill Hole No. 46 Claim No. 62250-43

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D

Sheet No. 1 of 1  
Drilled by Walter Lee  
Type DD  
Hole Size AX  
Analyzed by \_\_\_\_\_  
Classified by VKALNINS  
Stored 16 D

Location St. Lawrence  
Collar Elev. 3021.43 Direction \_\_\_\_\_  
Coordinates 2-90E-29-60 Ref. to B.L.#3  
Depth 70 Angle 30  
Date start Aug 15 Finish Aug 15  
Casing 23 Date of Report AUGUST 20/56

FT.

| DATE                      | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis    | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|---------------------------|-----------------------|-----------|-----------------------|----------------|-------|-------|---|----------|------------------|---|
|                           |                       |           |                       |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|                           |                       |           | <del>90°</del><br>70° | 43.8           | 22    | 53.2  | QTZ. ROCK -<br>MARBLE IMPURITIES<br>22'-24' RARE, THIN<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub><br>DISSEMINATED THROUGHOUT.<br>VERY MINOR MUSCOVITE<br>IMPURITIES.   |          |                  | PEBBLES 22'-24'.<br>NO CORE: 25'-47.3'  |
|                           |                       |           | <del>90°</del><br>75° | 15.8           | 93.2  | 103.5 | SCHIST - MUSCOVITE<br>- WITH QTZ. IMPURITIES  |          |                  |   |
|                           |                       |           | 80°                   | 102            | 103.5 | 223   | i.f. -<br>BEAMS + OCCASIONAL<br>BANDS OF Fe <sub>2</sub> O <sub>3</sub> .<br>Fe <sub>3</sub> O <sub>4</sub> DISSEMINATED<br>THROUGHOUT.<br>MUSCOVITE SCHIST:<br>125'-137' - 142.5'-143.8'<br>Fe RUST AT 193'.<br>100'-150' Fe 17%<br>150'-175' Fe 22%<br>175'-223' Fe 25% |          |                  | CRENULATED IN<br>SPOTS (PATTERN<br>INDEFINITE).<br><br>NO CORE: 120'-123.8'<br>120.2'-132.3' 176.3'<br>177' 208.4-209.2'<br>210'-212.4' |
| 89% CORE RECOVERY IN I.F. |                       |           |                       |                |       |       |   |          |                  |   |

Drill Hole No. 1 Claim No. 79650-C.2

Location Jeanine Lake

Coordinates 17+60E. - 24+60S. Ref. to BL # 2

Collar Elev. 2971.36 Direction S.W.

Depth 448' Angle 45°

Date Start July 10, 1956 Finish July 17, 1956

Casing 40' Date of Report July 16, 1956

REVISED

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 160

Sheet No. 1 of 2 SHEETS

Drilled By Boyles Bros

Type D.C. #2

Hole Size BX

Analyzed By \_\_\_\_\_

Classified By R. Langmore

Stored 160

| DATE            | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|-----------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|                 |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
| At 50'          | 90°                   |           |                    | 180            | 40    | 242.5 | Quartz - Biotite Gneiss   |          |                  |   |
| " 150'          | 70°                   |           |                    |                |       |       | Garnet & feldspar presents with trace of Fe Silicate at 239' & pyrite at 242.5'   |          |                  | No Core Recovery from 130'-133', 175'-176.5', 178.5'-184.5', 381.2'-385'  |
| CREG 40'-242.5' | Trend 0°              |           |                    |                |       |       |   |          |                  |   |
| 245'-350'       | 70°                   |           |                    |                |       |       |   |          |                  |   |
| 350'-448'       | 60°-70°               |           |                    | 1.0            | 242.5 | 244   | Marble  |          |                  |   |
|                 |                       |           |                    | 0.4            | 244   | 245   | Quartz - Biotite Gneiss<br>Rich in garnet.  |          |                  | Footage Summary<br>July 10 25'<br>" 11 45'<br>" 12 37'<br>" 13 77'<br>" 14 101'<br>" 15 38'<br>" 16 82'<br>" 17 43' |
|                 |                       |           |                    | 53             | 245   | 300.5 | Marble<br>Occasional ptz impurities from 290'   |          |                  |   |
|                 |                       |           |                    | 21.6           | 300.5 | 323   | Quartz Rock<br>Very occasional seam of Fe <sub>2</sub> O <sub>3</sub> , Biotite & muscovite present.  |          |                  |   |
|                 |                       |           |                    | 2.4            | 323   | 326.2 | Marble  |          |                  |   |
|                 |                       |           |                    | 69.8           | 326.2 | 409   | Quartz Rock<br>Occasional seam of Fe <sub>2</sub> O <sub>3</sub> . Marble bands throughout. Marble bands from 350'-366.5'. Narrow seams of Muscovite from 385'-405'. Spotted Fe <sub>2</sub> O <sub>3</sub> at 408.5' |          |                  |   |

REVISED

Drill Hole No. 47 Claim No. 79650-02

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 2 SHEETS

Location Seannine Lake

**EXPLORATION DRILL HOLE DATA SHEET**

Drilled By Bayles Bros.

Coordinates 17+60E.-24+60S. Ref. to R.L.#3.

Type D.D. #2.

Collar Elev. 3971.36 Direction S.W.

AREA 160

Hole Size BX

Depth 448' Angle 45°

Analyzed By \_\_\_\_\_

Date Start July 16, 1956 Finish July 17, 1956

Classified By B. Lingmore

Casing 40' Date of Report July 19, 1956

Stored 160

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS                      |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|---------------------------------------|
|      |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |                                       |
|      |                       |           |                    | 2.9            | 409   | 424 | Lean Iron Formation<br>Narrow seams of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  | 409' - 424' 10-15% Fe                 |
|      |                       |           |                    | 35.5           | 424   | 448 | Quartz Rock<br>Narrow muscovite seams from 425' - 431'.<br>Occasional seams of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>3</sub> from 436.5' - 438'. |          |                  | Core Recovery in Iron Formation - 85% |
|      |                       |           |                    |                |       |     | END OF HOLE   |          |                  |                                       |



REVISED

Drill Hole No. 28 Claim No. 79650-022

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 2 SHEETS

Location Jeanine Lake

Drilled By Rayles Bros.

Coordinates 134502. - 28+955. Nor. to BL #3

**EXPLORATION DRILL HOLE DATA SHEET**

Type C.D. #2

Collar Elev. 8872.90 Direction S.W.

AREA 160.

Hole Size FX

Depth 437' Angle 45°

Analyzed By \_\_\_\_\_

Date Start July 20, 1956 Finish July 25, 1956

Classified By B. Langmore

Casing 39' Date of Report July 22, 1956

Stored 160

FT.

| DATE       | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS        |
|------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|-------------------------|
|            |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |                         |
|            |                       |           |                    | 0.6            | 39    | 39.7  | Quartz - Epidote Gneiss   |          |                  | No Core Recovery from   |
| 39'-39.7'  | 40°                   |           |                    | 68.6           | 39.7  | 116   | Marble  |          |                  | 40'-42', 106.2'-108.7', |
| 39.7'-116' | 45°                   |           |                    |                |       |       | Very finely disseminated Fe <sub>2</sub> O <sub>3</sub> from 80'-100'   |          |                  | 122.5'-124', 165'-167'. |
| 116'-139'  | 40°                   |           |                    |                |       |       |   |          |                  |                         |
| 139'-437'  | 45°                   |           |                    | 19.8           | 116   | 139   | Quartz Rock   |          |                  |                         |
|            |                       |           |                    |                |       |       | Widespread stringers of Fe <sub>2</sub> O <sub>3</sub> . Small amounts of Muscovite present.                                      |          |                  | Footage Summary         |
|            |                       |           |                    |                |       |       |   |          |                  | July 20 55'             |
|            |                       |           |                    |                |       |       |   |          |                  | " 21 155'               |
|            |                       |           |                    | 12.2           | 139   | 152.8 | Marble  |          |                  | " 22 75'                |
|            |                       |           |                    |                |       |       | Very finely disseminated Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  | " 23 83'                |
|            |                       |           |                    |                |       |       |   |          |                  | " 24 57'                |
|            |                       |           |                    | 8.6            | 152.8 | 169   | Quartz Rock   |          |                  | " 25 12'                |
|            |                       |           |                    |                |       |       | Occasional stringer of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |                         |
|            |                       |           |                    | 28.3           | 163   | 196   | Marble  |          |                  |                         |
|            |                       |           |                    |                |       |       | Traces of Fe <sub>2</sub> O <sub>3</sub> & Fe Silicate. Quartz Rock bands from 167.2'-168.2', 189'-190' Marble partially altered. |          |                  |                         |
|            |                       |           |                    | 17.8           | 196   | 215   | Quartz Rock   |          |                  |                         |
|            |                       |           |                    |                |       |       | Occasional stringer of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |                         |

REVISED

Drill Hole No. 10 Claim No. 78650-C0.2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 2 SHEETS.

Location Jeanine Lake

Coordinates 13+60 E. - 28+95 S. Ref. to A.L.S.

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Boyles Bros.

Collar Elev. 2972.90 Direction S.W.

Type D.O. #2

Depth 437' Angle 45°

Hole Size 8X

Date Start July 20, 1956 Finish July 25, 1956

Analyzed By \_\_\_\_\_

Casing 39' Date of Report July 25, 1956

Classified By B. Langmore

Stored 16 D.

FT.

| DATE        | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Length of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|-------------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|---|
|             |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |   |
|             |                       |           |                    | 18.8           | 215   | 235 | Marble<br>Banded impurities throughout.  |          |                  | No Core Recovery from<br>282'-285', 407'-408',<br>417.5' - 418.5' |
|             |                       |           |                    | 80.8           | 235   | 327 | Quartz Rock<br>Finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.<br>Muscovite seams from 324'-325'  |          |                  | Rebble recovery only from<br>285' - 290'                          |
|             |                       |           |                    | 2.9            | 327   | 330 | Lean Iron Formation<br>Seams of Fe <sub>2</sub> O <sub>3</sub> with muscovite seams<br>from 328.3' - 329.5'  |          |                  | 327' - 330' 10-15% Fe   |
|             |                       |           |                    | 76.3           | 330   | 414 | Quartz Rock<br>Muscovite seams from 388'-395', 330.5'<br>- 332', 357' - 358.5' Marble bands from<br>370' - 375', 380 - 385', & at 348.5'   |          |                  | Core Recovery in Iron<br>Formation - 97%                          |
|             |                       |           |                    | 194            | 414   | 437 | Quartz-Muscovite Schist<br>Narrow seams of Fe <sub>2</sub> O <sub>3</sub> at 419.5'. Narrow<br>seams of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>3</sub> from<br>434' - 436' |          |                  | Dip Test at 250' - 51°<br>" " " 437' - 51°                        |
| END OF HOLE |                       |           |                    |                |       |     |  |          |                  |   |

REVISED

Drill Hole No. 49 Claim No. 79650-0.3

Location Jeannine Lake

Collar Elev. 3000.13 Direction \_\_\_\_\_

Coordinates 8+40E. - 32+85 S Ref. to BL #3

Depth 439.2' Angle 90°

Date start July 27, 1956 Finish July 31, 1956

Casing 30' Date of Report July 30, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D.

Sheet No. 1 of 35 SETS.

Drilled by Boyles Bros.

Type O.D. #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 16 D.

FT.

| DATE                | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Laches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES   |                  | Drilling Remarks  |
|---------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|--|------------------|---|
|                     |                       |           |                    |                | From  | To    |  | Fe   | SiO <sub>2</sub> |   |
| CHEN. 30' - 30.7'   |                       |           |                    | 0.6            | 30    | 30.7  | Quartz - Biotite Gneiss  |  |                  | No Core Recovery From<br>90' - 93.8', 137.3' - 148.2',<br>141.7' - 142.6', 149' - 152.5',<br>232' - 233.2', 241.1' - 244',<br>246.2' - 249.3', 260 - 265' |
| 30.7' - 35.7'       | 70°                   |           |                    |                |       |       | Rich in feldspar.  |  |                  |   |
| 35.7' - 134.6'      | 65°                   |           |                    |                |       |       |  |  |                  |   |
| CHEN. 134.6' - 136' |                       |           |                    | 91.9           | 30.7  | 136   | Marble   |  |                  | Fe <sub>2</sub> O <sub>3</sub> from 35.7' - 136'.<br>Very widespread seams & finely disseminated  |
| 136' - 175.4'       | 60°                   |           |                    |                |       |       | Biotite, Muscovite & Green Mica impurities from 30.7' - 35.7'. Banded impurities from 35.7' - 134.6'. Altered from 134.6' - 136'.  |  |                  |   |
| 175.4' - 235'       | 40° - 70°             |           |                    |                |       |       |  |  |                  |   |
| CHEN. 175.4' - 235' |                       |           |                    |                |       |       |  |  |                  |   |
| 235' - 266.3'       | 60°                   |           |                    |                |       |       |  |  |                  |   |
| CHEN. at 266.3'     | 50°                   |           |                    |                |       |       |  |  |                  | Fe <sub>2</sub> O <sub>3</sub> from 35.7' - 136'.   |
|                     |                       |           |                    |                | 136   | 143.5 | Quartz Rock  |  |                  | Footage Summary<br>July 27 12'<br>" 28 141'<br>" 29 114'<br>" 30 114'<br>" 31 58'   |
|                     |                       |           |                    |                |       |       | Occasional narrow seam of Fe <sub>2</sub> O <sub>3</sub>   |  |                  |   |
|                     |                       |           |                    | 83.0           | 143.5 | 235   | Marble   |  |                  |   |
|                     |                       |           |                    |                |       |       | Banded impurities throughout. Widespread seams of Fe <sub>2</sub> O <sub>3</sub> from 143.5' - 166.8' & 175.4' - 235'. Disseminated Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>2</sub> O <sub>4</sub> from 175.4' - 235'. Banded Fe Silicates from 143.5' - 166.8', 175.4' - 235'. |  |                  |   |
|                     |                       |           |                    |                | 24.0  | 235   | 276.3  | Quartz Rock  |                  |   |
|                     |                       |           |                    |                |       |       |  | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> presents. |                  |   |
|                     |                       |           |                    |                |       |       |  | Band of Marble with Fe Silicates from 266.3' - 269'.         |                  |   |



# REVISED

 Drill Hole No. 49 Claim No. 79650-0.3

 Location Jeannine Lake

 Collar Elev. 3000.49 Direction \_\_\_\_\_

 Coordinates 9+40 E. - 32+85 S. Ref. to R.L. #3.

 Depth 439.2' Angle 90°

 Date start July 27, 1956 Finish July 31, 1956

 Casing 30' Date of Report Aug. 1, 1956

Cartier Mining Company

## EXPLORATION DRILL HOLE DATA SHEET

 AREA 160

 Sheet No. 2 of 3 SHEETS

 Drilled by Boyles Bros.

 Type D.D. #2

 Hole Size AX

Analyzed by \_\_\_\_\_

 Classified by P. Longmore

 Stored 160

FT.

| DATE                | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks            |
|---------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|-----------------------------|
|                     |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |                             |
| 275.3'-320'         | 60°                   |           |                    | 5.0            | 275.3 | 285.7 | Marble   |          |                  | No Core Recovery from       |
| CREN. 275.3'-285.7' |                       |           |                    |                |       |       | Disseminated impurities & banded silicates.  |          |                  | 275.6'-277.8', 286'-288.3', |
| 320'-335'           | 50°                   |           |                    |                |       |       | Widespread seams & spotting of Fe <sub>2</sub> O <sub>3</sub> with trace of Fe <sub>3</sub> O <sub>4</sub> . |          |                  | 285.9'-291', 304.2'-305',   |
| CREN. at 325.5'     |                       |           |                    |                |       |       |  |          |                  | 315'-320', 333.3'-334.5',   |
| 335'-354.7'         | 70°                   |           |                    | 20.0           | 285.7 | 320   | Quartz Rock  |          |                  | 365.3'-365.8'               |
| 354.7'-360.4'       | 60°                   |           |                    |                |       |       | Occasional seam & finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.                             |          |                  |                             |
|                     |                       |           |                    |                |       |       |  |          |                  | 354.7'-360.4' 15-20% Fe     |
|                     |                       |           |                    | 18.2           | 320   | 335   | Marble   |          |                  |                             |
|                     |                       |           |                    |                |       |       | Banded impurities, Fe Silicates present at 320.3' & 334.8'.  |          |                  |                             |
|                     |                       |           |                    | 19.5           | 335   | 354.7 | Quartz Rock  |          |                  |                             |
|                     |                       |           |                    |                |       |       | Occasional narrow seam of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |                             |
|                     |                       |           |                    | 5.4            | 354.7 | 360.4 | Iron Formation   |          |                  |                             |
|                     |                       |           |                    |                |       |       | Occasional seams & banding of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |                             |
|                     |                       |           |                    | 6.0            | 360.4 | 367   | Quartz Rock  |          |                  |                             |
|                     |                       |           |                    |                |       |       | Occasional seam of Fe <sub>2</sub> O <sub>3</sub> . Marble bands at 365.2' & 365.9'.                         |          |                  |                             |

REVISED

Drill Hole No. 49 Claim No. 79650-003

THE CARTIER MINING COMPANY LIMITED

Location Jeannine Lake

Coordinates 9+40 E. - 32+85 S. Ref. to R.L. #3

EXPLORATION DRILL HOLE DATA SHEET

Collar Elev. 3000.49 Direction \_\_\_\_\_

AREA 16 D.

Depth 439.2' Angle 90°

Date Start July 27, 1956 Finish July 31, 1956

Casing 30' Date of Report Aug 3, 1956

Sheet No. 3 of 3 SHEETS

Drilled By Boyles Bros.

Type D.D. #2

Hole Size AX

Analyzed By \_\_\_\_\_

Classified By B. Longmore

Stored 16 D.

| DATE          | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS   |
|---------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|--|
|               |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |  |
| 367' - 410'   | 60°                   |           |                    | 37.8           | 367   | 410   | Marble  |          |                  |  |
| 410' - 439.2' | 90°                   |           |                    |                |       |       | Occasional band of Fe Silicates. Impurities disseminated throughout. Band of qtz. rock from 392' - 393.4' |          |                  | No Core Recovery from 380.2' - 381', 393.4' - 394.8', 408.2' - 410', 437.6' - 439.2' |
|               |                       |           |                    | 26.8           | 410   | 439.2 | Quartz Rock<br>Disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.                                    |          |                  | Core Recovery in Iron Formations - 95%.  |
|               |                       |           |                    |                |       |       | END OF HOLE   |          |                  | Ap Test at 439' - 89°  |

Drill Hole No. 50 Claim No. 79650 C.S.  
 Location Jeanne Lake  
 Collar Elev. 2988.59 Direction NE.  
 Coordinates 430 E. - 28 + 30 Ref. to EL 33  
 Depth 425' Angle 70°  
 Date start Aug. 8/56 Finish Aug. 12/56  
 Casing 11' Date of Report AUGUST 10/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. 1 of \_\_\_\_\_  
 Drilled by Boyer Bros.  
 Type DD #2  
 Hole Size AX  
 Analyzed by \_\_\_\_\_  
 Classified by V. KALNINS  
 Stored 16 D

FT

| DATE            | Z of Hole From Horiz. | Hole Size | Z of Bed From Axle | Inches of Core | DEPTH |     | CLASSIFICATION                                       | ANALYSES |                  | Drilling Remarks              |                   |
|-----------------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|-------------------------------|-------------------|
|                 |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |                               |                   |
|                 |                       |           | 60°                | 58.7           | 11    | 95  | QZ. ROCK - GRAY.                                     |          |                  | MARBLE AT 46'                 |                   |
| Fortage Summary |                       |           |                    |                |       |     |  |          |                  |                               | 48.7' - 50' 57.5' |
|                 |                       |           |                    |                |       |     | DISSEMINATED THROUGHOUT.                             |          |                  | 82.2' - 82.8' - 85.5' - 86.   |                   |
| Aug. 8          | -                     | 50'       |                    |                |       |     | INFREQUENT, THIN SEAM OF                             |          |                  |                               |                   |
| " 9             | -                     | 111'      |                    |                |       |     | F <sub>2</sub> O <sub>3</sub> PRESENT                |          |                  | NO CORE RECOVERY              |                   |
| " 10            | -                     | 138'      |                    |                |       |     | INFREQUENT BANDS OF                                  |          |                  | 25.8' - 27' 35' - 37.7'       |                   |
| " 11            | -                     | 131'      |                    |                |       |     | M SILICATES WHICH                                    |          |                  | 46' - 48.8' - 63.8' - 65.7'   |                   |
| " 12            | -                     | 45'       |                    |                |       |     | USUALLY ALSO CONTAIN                                 |          |                  | 72' - 75.5' - 79.3' - 80'     |                   |
|                 |                       |           |                    |                |       |     | SOME F <sub>2</sub> O <sub>3</sub> .                 |          |                  | 93.5' - 95'                   |                   |
|                 |                       |           |                    |                |       |     | MUSCOVITE SEAMS 25' - 28'                            |          |                  |                               |                   |
|                 |                       |           | 60°                | 5.8            | 95    | 101 | QZ. MUSCOVITE SCHIST.                                |          |                  |                               |                   |
|                 |                       |           | 60°                | 15.3           | 101   | 117 | QZ. ROCK   |          |                  | NO CORE RECOVERY              |                   |
|                 |                       |           |                    |                |       |     | WITH THIN FLAKES OF                                  |          |                  | 103.1' - 106.5' - 108.3' -    |                   |
|                 |                       |           |                    |                |       |     | F <sub>2</sub> O <sub>3</sub> DISSEMINATED           |          |                  | 111.0' - 115.7' - 117.4'      |                   |
|                 |                       |           |                    |                |       |     | THROUGHOUT. SOME THIN                                |          |                  | 118.5' - 120' - 125.5'        |                   |
|                 |                       |           |                    |                |       |     | SEAMS OF F <sub>2</sub> O <sub>3</sub> PRESENT       |          |                  | 127.5'                        |                   |
|                 |                       |           | 70°                | 16.7           | 127   | 145 | MARBLE   |          |                  |                               |                   |
|                 |                       |           |                    |                |       |     | WITH BANDS OF  |          |                  |                               |                   |
|                 |                       |           |                    |                |       |     | GREEN M SILICATES.                                   |          |                  |                               |                   |
|                 |                       |           |                    |                |       |     |  |          |                  |                               |                   |
|                 |                       |           | 60-50°             | 38.7           | 145   | 208 | QZ. ROCK WITH SOME SEAMS                             |          |                  | NO CORE! 147.3' - 154.        |                   |
|                 |                       |           |                    |                |       |     | OF F <sub>2</sub> O <sub>3</sub> DISSEMINATED FLAKES |          |                  | 160' - 161.5' - 166' - 173.2' |                   |
|                 |                       |           |                    |                |       |     | OF F <sub>2</sub> O <sub>3</sub> MUSCOVITE BANDS     |          |                  | 176' - 180.4' - 184' - 187.2' |                   |



Drill Hole No. 50 Claim No. 2253  
 Location Jeanine Lake  
 Collar Elev. 2388.49 Direction N.E.  
 Coordinates 4730 E. - 28430 S Ref. to 6273  
 Depth 425' Angle 70'  
 Date start Aug 8/56 Finish Aug 12/56  
 Casing 11 Date of Report AUGUST 14/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16D

Sheet No. 2 of 2  
 Drilled by Boyle's Bros.  
 Type 33 #2  
 Hole Size AB  
 Analyzed by   
 Classified by V. KALNINS  
 Stored 16D

FT.

| DATE                                  | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks   |
|---------------------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|                                       |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
|                                       |                       |           | 70°                | 313            | 207.8 | 246.8 | MARBLE WITH MANY WIDE BANDS OF GREEN IMPURITIES.   |          |                  | QTZ. ROCK 220.3'-222.3' FEW OTHER, NARROW BANDS OF QTZ. ROCK PRESENT. NO CORE RECOVERY 234.3'-236.7' 245.8'-246.8' |
| Dip Tests<br>210' - 68°<br>425' - 70° |                       |           |                    |                |       |       |  |          |                  |  |
|                                       |                       |           | 70°                | 217            | 246.8 | 290   | QTZ. ROCK WITH FEW DISSEMINATED FLAKES OF Fe <sub>2</sub> O <sub>3</sub> .   |          |                  | NO CORE RECOVERY 245'-248.8'; 261.3'-263.5'; 268.1'-273'; 285'-287.5'  |
|                                       |                       |           | 70°                | 315            | 280   | 318   | QTZ. ROCK WITH SCATTERED NARROW SEAMS OF Fe <sub>2</sub> O <sub>3</sub> . SOME SEAMS & BANDS OF MUSCOVITE 301'-318'. |          |                  | NO CORE RECOVERY 297'-299.2'; 304'-308.4'-410'   |
|                                       |                       |           | 65°                | 103            | 348   | 425   | i.F. SEAMS & RARE BANDS OF Fe <sub>2</sub> O <sub>3</sub> . Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED THROUGHOUT.  |          |                  | CRENULATED IN PART. TREND 25° AXIAL PLANE 49°  |
|                                       |                       |           |                    |                |       |       | 318'-350' Fe 15% · 380'-375' Fe 20% · 375'-425' Fe 25% · 96% CORE RECOVERY IN i.F.                                   |          |                  | NO CORE RECOVERY 351.6'-352.4' 410'-410.3'   |

Drill Hole 51 Claim No. 62050-02  
 Location Jessamine Lake  
 Collar Elev. 3091.17 Direction \_\_\_\_\_  
 Coordinates 6720 W - 1570 S Ref. to U.S.G.S.  
 Depth 637' Angle 90°  
 Date start Aug 8/56 Finish Aug 15/56  
 Casing 10" Date of Report AUGUST 10/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16D

Sheet No. 1 of 2  
 Drilled by ROYCE WOOD  
 Type DD #1  
 Hole Size AX  
 Analyzed by \_\_\_\_\_  
 Classified by V. KALVINS  
 Stored 16D

F.T.

| DATE   | Z of Hole From Horiz. | Hole Size | Z of Bed from Axis | Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks   |
|--|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|--|
|  |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |  |
|  |                       |           |                    | 380            | 10    | 405 | I.F. Fe  |          |                  | CRENULATED.  |
| Fatigue Summary<br>Aug. 8 - 146'<br>" 9 - 146'<br>" 10 - 155'<br>" 11 - 125'<br>" 12 - 87'<br>" 13 - 67'<br>" 14 - 32'<br>" 15 - 42' |                       |           |                    |                |       |     |  |          |                  |  |
|  |                       |           |                    |                |       |     | MASSIVE Fe <sub>2</sub> O <sub>3</sub> . OCCASIONAL SPOTS, VERY RARE SEAMTS OF Fe <sub>2</sub> O <sub>3</sub> PRESENT DISSEMINATED THROUGHOUT. |          |                  | TREND 0°, AXIAL PLANE 90°.   |
|  |                       |           |                    |                |       |     | Fe - 35% AT 11'-175'   |          |                  | AXIS 30° AT 26';   |
|  |                       |           |                    |                |       |     | - 25% 175'-250'  |          |                  | 70° AT 35', 45', 54';  |
|  |                       |           |                    |                |       |     | 25% - 20% 250'-405'  |          |                  | 80° - 91', 50°, 91'  |
|  |                       |           |                    |                |       |     | SOME BANDS OF MUSCOVITE SCHIST 342'-385'.  |          |                  | 30° - 105' + 110° - 40° - 420';  |
|  |                       |           |                    |                |       |     |  |          |                  | 50° - 130', 50° - 180';  |
|  |                       |           |                    |                |       |     |  |          |                  | 60° - 208', 30° - 20';   |
|  |                       |           |                    |                |       |     |  |          |                  | 40° - 250' - 274';   |
|  |                       |           |                    |                |       |     |  |          |                  | 50° - 27', 40° - 30';  |
|  |                       |           |                    |                |       |     |  |          |                  | 50° - 342';  |
|  |                       |           |                    | 60             | 17    | 405 | 4235 I.F. - LEAN SEAMTS OF Fe <sub>2</sub> O <sub>3</sub>  |          |                  | CRENULATIONS FOUND ONLY IN FEW, SHORT SECTIONS OF CORE WHERE THEY FOLLOW THE PATTERN SET BY THE CREN IN ABOVE I.F. |

Drill Hole No. 01 Claim No. 6200-0-1  
 Location Severn Lake  
 Collar Elev. 3051.7 Direction \_\_\_\_\_  
 Coordinates 67° 10' N - 131° 10' W Ref. to ALTA  
 Depth 697' Angle 36°  
 Date start Aug 8 '56 Finish Aug 15 '56  
 Casing 10' Date of Report AUGUST 13/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. 3 of 3  
 Drilled by Exp. Serv.  
 Type DDH  
 Hole Size AX  
 Analyzed by \_\_\_\_\_  
 Classified by W. KALNINS  
 Stored 16 D

FT

| DATE               | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks           |
|--------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|----------------------------|
|                    |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |                            |
|                    |                       |           |                    |                | 160.2 | 423.5 | 513.5 I.F.  |          |                  | 423.5'-445' EXTREMELY      |
|                    |                       |           |                    |                |       |       | SEAMS, BANDS - INFREQUENT                             |          |                  | LARGE ORENULATIONS         |
|                    |                       |           |                    |                |       |       | MASSIVE Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED   |          |                  | (UP TO 2' BETWEEN          |
| <u>Top hole</u>    |                       |           |                    |                |       |       | Fe <sub>2</sub> O <sub>4</sub> PRESENT THROUGHOUT.    |          |                  | LINES OF FOLDS).           |
| <u>690' - 600'</u> |                       |           |                    |                |       |       | TRACES OF Fe SILICATES                                |          |                  | TREND 0°; AXIAL            |
|                    |                       |           |                    |                |       |       | 565' - 575' - Fe 20%                                  |          |                  | PLANE 30°.                 |
|                    |                       |           |                    |                |       |       | 525' - 550' - Fe 25%                                  |          |                  | NO ORENULATIONS            |
|                    |                       |           |                    |                |       |       | 550' - 575' - Fe 30%                                  |          |                  | 445' - 455' ∠ OF BED       |
|                    |                       |           |                    |                |       |       | 575' - 593.5' - Fe 37%                                |          |                  | FROM AXIS 80°.             |
|                    |                       |           |                    |                |       |       | Fe RUST AT 530', 532', 536'                           |          |                  | 445' - 500' ORENULATED,    |
|                    |                       |           |                    |                |       |       | 548', 550.7', 551.9', 556',                           |          |                  | TREND 30°; AXIAL           |
|                    |                       |           |                    |                |       |       | 557', 559', 573'.                                     |          |                  | PLANE 10°.                 |
|                    |                       |           |                    |                |       |       | NO CORE 550.8' - 553'; 560' - 562.1'.                 |          |                  | 500' - 593.5' - TREND      |
|                    |                       |           |                    |                |       |       |   |          |                  | 40°; AXIAL PLANE 50°       |
|                    |                       |           | 70°                | 86             | 593.5 | 602.3 | ATZ. ROCK   |          |                  |                            |
|                    |                       |           |                    |                |       |       | DISSEMINATED, THIN FLAKES                             |          |                  |                            |
|                    |                       |           |                    |                |       |       | OF Fe <sub>2</sub> O <sub>3</sub> ; SEAMS & BANDS     |          |                  |                            |
|                    |                       |           |                    |                |       |       | OF MUSCOVITE 593.5' - 597'.                           |          |                  |                            |
|                    |                       |           |                    | 88             | 603.6 | 697   | I.F. - Fe 35%   |          |                  | NO CORE 606.5' - 608'.     |
|                    |                       |           |                    |                |       |       | SEAMS, BANDS & INFREQUENT                             |          |                  | 624.3' - 625'; 640' - 642' |
|                    |                       |           |                    |                |       |       | MASSIVE Fe <sub>2</sub> O <sub>3</sub> ; DISSEMINATED |          |                  | ORENULATED IN              |
|                    |                       |           |                    |                |       |       | Fe <sub>2</sub> O <sub>4</sub> THROUGHOUT.            |          |                  | PART - NO DEFINITE         |
|                    |                       |           |                    |                |       |       |   |          |                  | PATTERN OBSERVED           |
|                    |                       |           |                    |                |       |       | 95% CORE RECOVERY IN I.F.                             |          |                  |                            |











Drill Hole No. 57 Claim No. 79650 cl-1

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 4

Location JENNINGS LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYLES BROS

Coordinates 070W 51755 Ref. to BL 3

Type DD #2

Collar Elev. 3019.07 Direction N.E.

AREA 16 D

Hole Size 82

Depth 785' Angle 50°

Analyzed By \_\_\_\_\_

Date Start Aug 19/56 Finish Sept 3/56

Classified By V. KALNINS

Casing 29 Date of Report AUGUST 25/56

Stored 16 D

FT

| DATE                | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|---------------------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|---|
|                     |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |   |
|                     |                       |           |                    | 16.5           | 28.7  | 43  | QTZ. ROCK -<br>FEW, THIN, DISSEMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub> PRESENT.<br>MARBLE 43.5' - 46.5'.                |          |                  |   |
| DAYLY SUMMARY:      |                       |           |                    |                |       |     |   |          |                  |   |
| AUG. 21-25'         |                       |           |                    |                |       |     |   |          |                  |   |
| 22-39'              |                       |           |                    |                |       |     |   |          |                  |   |
| 23-126'             |                       |           |                    |                |       |     |   |          |                  |   |
|                     |                       |           | 60°                | 13             | 43    | 424 | MARBLE -<br>EXTREMELY RARE<br>SPOTTINGS OF Fe <sub>2</sub> O <sub>3</sub> .<br>SOME QTZ. + GREEN Fe<br>SILICATE IMPURITIES PRESENT. |          |                  |   |
| 24-122'             |                       |           |                    |                |       |     |   |          |                  |   |
| 25-58'              |                       |           |                    |                |       |     |   |          |                  |   |
| 26-78               |                       |           |                    |                |       |     |   |          |                  |   |
| 27-87               |                       |           |                    |                |       |     |   |          |                  |   |
| 28-92               |                       |           |                    |                |       |     |   |          |                  |   |
| 29-81               |                       |           |                    |                |       |     |   |          |                  |   |
|                     |                       |           | 60°                | 46             | 424   | 116 | QTZ. ROCK -<br>FEW, THIN, DISSEMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub> PRESENT.   |          |                  | CRENULATED IN<br>PART.  |
| 30-38               |                       |           |                    |                |       |     |   |          |                  |   |
| 31-40               |                       |           |                    |                |       |     |   |          |                  |   |
| SEPT. 21-32         |                       |           |                    |                |       |     |   |          |                  |   |
|                     |                       |           | 70°                | 31.5           | 118   | 150 | MARBLE -<br>DISSEMINATED, GREEN Fe<br>SILICATE IMPURITIES.<br>MINOR QTZ. IMPURITIES.  |          |                  | CRENULATED IN<br>PART.  |
| ANGLE AT 300' - 46° |                       |           |                    |                |       |     |   |          |                  |   |
| 274' - 525' - 42°   |                       |           |                    |                |       |     |   |          |                  |   |
|                     |                       |           | 55°                | 83             | 190   | 245 | QTZ. ROCK -<br>SOME FLAKES OF Fe <sub>2</sub> O <sub>3</sub> .<br>MINOR MARBLE IMPURITIES<br>PRESENT.                               |          |                  | CRENULATED IN PART.<br>NO CORE! 157'-160'; 162-72<br>169.8; 190-191; 192-193. |

Drill Hole 5  
37 Claim No. 79650 CL  
 Location 25411112 42112  
 Coordinates 0 1111 25773 Ref. to BL 3  
 Collar Elev. 3013.07 Direction N.E.  
 Depth 788 Angle 50°  
 Date Start AUG. 13/56 Finish SEPT 3/56  
 Casing 29' Date of Report AUGUST 25/56

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Sheet No. 2 of 4  
 Drilled By BOYES BROS.  
 Type DD H 2  
 Hole Size 8X; AFTER 3 1/2" DIA  
 Analyzed By \_\_\_\_\_  
 Classified By V KALNINS  
 Stored 16 D

FT

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|---|
|      |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |   |
|      |                       |           | 60°                | 7.8            | 245   | 253 | MARBLE -<br>IMPURITIES OF GREEN<br>& SILICATES PRESENT.  |          |                  | CRENULATED IN<br>PART.  |
|      |                       |           |                    | 7              | 253   | 261 | QTZ. ROCK -<br>SOME DISSEMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub><br>PRESENT.   |          |                  |   |
|      |                       |           |                    | 10.4           | 261   | 368 | MARBLE -<br>VARYING AMOUNTS<br>OF GREEN IMPURITIES<br>PRESENT (DISSEMINATED<br>OR BANDED OR BOTH).<br>QTZ. AND MINOR<br>MUSCOVITE + BIOTITE<br>IMPURITIES 354'-360'. |          |                  | CRENULATED, TREND<br>0° TO 60° (AVERAGE<br>40°); AXIAL PLANE<br>TOO INDEFINITE.<br>L OF BED FROM<br>AXIS APPEARS<br>TO BE ABOUT 80°.<br>NO CORE: 355-356. |
|      |                       |           |                    | 19.5           | 368   | 400 | QTZ. ROCK -<br>SOME DISSEMINATED,<br>THIN FLAKES OF Fe <sub>2</sub> O <sub>3</sub> ;<br>VERY FEW, THIN SEAMS<br>OF Fe <sub>2</sub> O <sub>3</sub> .                  |          |                  | CRENULATED<br>(FOLLOWS PATTERN<br>OF MARBLE ABOVE).<br>NO CORE: 377-379.8;<br>386-389.5; 390.6-390.8;<br>393-395; 397-398.                                |

Drill Hole No. 57 Claim No. 79650 cl. 1  
 Location JEANNINE LAKE  
 Coordinates 0+70W 25+753 Ref. to 4L3  
 Collar Elev. 3019.07 Direction N.E.  
 Depth 788 Angle 50°  
 Date Start AUG. 19/56 Finish SEPT. 3/56  
 Casing R9 Date of Report AUGUST 27/56

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Sheet No. 3 of 4  
 Drilled By BOYLES GARD  
 Type DDH  
 Hole Size AX  
 Analyzed By \_\_\_\_\_  
 Classified By V. KALNINS  
 Stored 16 D

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
|      |                       |           |                    | 135            | 100   | 916   | i.f. -<br>BEAMS OF Fe <sub>2</sub> O <sub>3</sub> ;<br>DISSEMINATED Fe <sub>2</sub> O <sub>3</sub><br>PRESENT THROUGHOUT.  |          |                  | CRENULATED,<br>TREND 30°, AXIAL<br>PLANE 30°.<br>NO CORE 410-411.6.<br>R. RUST AT 401'.              |
|      |                       |           |                    | 106            | 416   | 531.8 | QZ: ROCK -<br>SOME DISSEMINATED<br>FLAKES & VERY RARE<br>THIN BEAMS OF Fe <sub>2</sub> O <sub>3</sub> PRESENT. ABOVE, BUT NOT<br>OCCASIONAL BEAMS OF<br>MUSCOVITE 485-531.8'.<br>NO CORE: 435-437.0; 442-444; 447.5-448;<br>459-460; 464-465; 498-498.8; 529.2-530.0'. |          |                  | CRENULATED, APPEARS<br>TO BE OF SAME<br>PATTERN AS i.f.<br>DEFINITE.                                 |
|      | 60°                   | 80°       | 62.5               | 538            | 535   |       | MARBLE -<br>WITH HEAVY DISSEMINATED<br>& BANDED GREEN IMPURITIES.  |          |                  | CRENULATED IN<br>PART (TREND NOT<br>DEFINITE)<br>NO CORE:<br>552.6-554.5.<br>QZ ROCK:<br>551.7-552.5 |



Drill Hole No. 17 Claim No. 79650 024

THE CARTIER MINING COMPANY LIMITED

Location SEANNINE LAKE

EXPLORATION DRILL HOLE DATA SHEET

Coordinates 0+70W 25+75S Ref. to 813

Collar Elev. 3019.07 Direction N.E.

AREA 16 D

Depth 788 Angle 50°

Date Start AUG. 19/56 Finish SEPT. 3/56

Casing 39 Date of Report SEPT. 6/56

Sheet No. 1 of 1

Drilled By COYLES BROS

Type DD # 2

Hole Size AX

Analyzed By \_\_\_\_\_

Classified By V. KALNINS

Stored 16 D

FT

| DATE | L of Hole From Horiz. | Hole Size        | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|------|-----------------------|------------------|--------------------|----------------|-------|-----|---|----------|------------------|---|
|      |                       |                  |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |   |
|      |                       | <del>80-80</del> |                    | 30.3599        | 700   | 700 | QZ. ROCK -<br>DISSEMINATED FLAKES<br>- SOME SEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>RARE SPOTTINGS OF<br>Fe <sub>2</sub> O <sub>3</sub><br>SENSE MUSCOVITE<br>SEAMS AT 648.4 & 692.5 |          |                  | CRENULATED<br>(PATTERN<br>INDEFINITE).<br>NO CORE:<br>638.4-640.6-642-643.2<br>672.5-674-685.3<br>687.2, 696.7-700'                       |
|      |                       | 55-80            |                    | 80             | 700   | 788 | IF. -<br>SEAMS & BANDS OF<br>Fe <sub>2</sub> O <sub>3</sub> - MINOR SPOTTED<br>Fe <sub>2</sub> O <sub>3</sub><br>Fe <sub>3</sub> O <sub>4</sub><br>Fe <sub>2</sub> RUST AT 784.5'       |          |                  | CRENULATED IN<br>PART (TREND<br>INDEFINITE).<br>NO CORE: 700-7018<br>716.2-717-730.8-731.9<br>741.5-742-786.5-788<br>751.3-752-768.2-769' |
|      |                       |                  |                    |                |       |     | 90% CORE RECOVERY IN IF.  |          |                  |   |

Drill No. 52 Core No. 62051-C-1

Location Jeanne Lake

Collar Elev. 3838.64 Direction \_\_\_\_\_

Coordinates 4156.4 - 4105.5 Ref. to CL 2

Depth 700' Angle 90°

Date start Aug. 15/56 Finish Aug. 7/56

Casing 21' Date of Report Aug. 3, 1956

Cartier Mining Company

EXPLORATION DRILL HOLE DATA SHEET

AREA 160.

Sheet No. 1 of 1956 Drilling

Drilled by Hayes Bros.

Type 1.0" #2

Hole Size 8"

Analyzed by \_\_\_\_\_

Classified by Changmore

Stored 160.

FT

| DATE    | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |      | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks       |
|---------|-----------------------|-----------|--------------------|----------------|-------|------|---|----------|------------------|------------------------|
|         |                       |           |                    |                | From  | To   |   | Fe       | SiO <sub>2</sub> |                        |
|         |                       |           |                    | 1.1            | 15    | 16.5 | Quartz - Muscovite - Schist   |          |                  | 15'-16.5' No Iron      |
| 15'-51' | 50°                   |           |                    | 30.6           | 16.5  | 51   | Iron Formation -  |          |                  |                        |
| 83'-88' | 50°                   |           |                    |                |       |      | Narrow seams with occasional limited banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>3</sub> O <sub>4</sub> throughout. |          |                  | Rust stains at 17'.    |
| 92'-94' | 50°                   |           |                    |                |       |      |   |          |                  |                        |
|         |                       |           |                    | 29.5           | 51    | 83   | Quartz Rock -   |          |                  | 16.5'-92' 20% - 25% Fe |
|         |                       |           |                    |                |       |      | Very widespread narrow seams and finely disseminated Fe <sub>2</sub> O <sub>3</sub> . Occasional seams of Muscovite.                |          |                  | 32' - 36' 25% - 30% Fe |
|         |                       |           |                    |                |       |      |   |          |                  | 35' - 39' 20% - 25% Fe |
|         |                       |           |                    |                |       |      |   |          |                  | 39' - 51' 25% - 30% Fe |
|         |                       |           |                    | 4.1            | 83    | 86   | Quartz - Muscovite Schist -   |          |                  |                        |
|         |                       |           |                    |                |       |      | Very finely disseminated Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  |                        |
|         |                       |           |                    | 3.3            | 88    | 92   | Quartz Rock -   |          |                  |                        |
|         |                       |           |                    |                |       |      | Occasional narrow seam & very limited stringers of Fe <sub>2</sub> O <sub>3</sub> . Narrow seams of Muscovite present.              |          |                  |                        |
|         |                       |           |                    | 1.2            | 92    | 94   | Iron Formation -  |          |                  | 92'-94' 25% - 30% Fe   |
|         |                       |           |                    |                |       |      | Dense narrow seams of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>3</sub> O <sub>4</sub> present.                              |          |                  |                        |

Drill Hole No. 52 Claim No. 62051-C1

Location SPANNING LAKE

Collar Elev. 3338.69 Direction \_\_\_\_\_

Coordinates N 76° W - 44055 Ref. to B.L. #3

Depth 700' Angle 30°

Date start Aug. 15/56 Finish Aug. 7/56

Casing 21' Date of Report Aug. 3, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 C.

Sheet No. 2 of D.M. 12

Drilled by Boyles Bros.

Type R.D. #2

Hole Size 8X

Analyzed by \_\_\_\_\_

Classified by B. Longmore

Stored 160

FT

| DATE | Z of Hole From Horiz. | Hole Size | Z of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks   |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |  |
|      |                       |           |                    | 5.2            | 94    | 100   | Quartz Rock -<br>Occasional narrow seams & stringers of Fe <sub>2</sub> O <sub>3</sub> . Narrow seams of Muscovite. Small amounts of spotted Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |  |
|      |                       |           |                    | 77.1           | 100   | 190   | Iron Formation -<br>Dense narrow seams with occasional bands of Fe <sub>2</sub> O <sub>3</sub> . Powder Magnetic. Spotted Fe <sub>2</sub> O <sub>3</sub> from 144' - 190'. Trace of Fe Silicates from 144' - 145'.                          |          |                  | Core heavily pitted at 103.5', 113', 143.5', 187'.<br>100' - 121' 25% - 30% Fe<br>144' -<br>121' - 124' 30% - 35% Fe<br>124' - 125' 25% - 30% Fe<br>125' - 128' 30% - 35% Fe<br>128' - 170' 25% - 30% Fe<br>170' - 175' 20% - 25% Fe<br>175' - 190' 25% - 30% Fe<br>193.5' - 211.5' 20% - 25% Fe<br>Core pitted from 166' - 167', 176' - 179', at 181' |
|      |                       |           |                    | 3.0            | 190   | 193.5 | Quartz Rock -<br>Widespread narrow seams of Fe <sub>2</sub> O <sub>3</sub> & Muscovite.   |          |                  |  |
|      |                       |           |                    | 16.1           | 193.5 | 211.5 | Iron Formation -<br>Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Finely disseminated spotted Fe <sub>2</sub> O <sub>3</sub> throughout. Seams of Muscovite at 211.5'. Trace of Fe Silicates from 193.5' - 196'. |          |                  | Fe Silicates at 163'.  |



Drill Hole No. 52 Claim No. G2051-CR1  
 Location Jennine Lake  
 Collar Elev. 3338.64 Direction \_\_\_\_\_  
 Coordinates 41° 6' W. - 4+055 Ref. to B.L. #2  
 Depth 700' Angle 90°  
 Date start Aug. 1/56 Finish Aug. 7/56  
 Casing 1 1/2" Date of Report Aug. 3, 1956

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 160.

Sheet No. 3 of D.M. 52  
 Drilled by Hayles, Eras.  
 Type B.P. #2  
 Hole Size BK  
 Analyzed by \_\_\_\_\_  
 Classified by Blengmore  
 Stored 160.

FT.

| DATE                 | ∠ of Hole From Horiz. | Hole Size | ∠ of Rod From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                   |
|----------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|------------------------------------|
|                      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |                                    |
|                      |                       |           |                    | 21.5           | 215   | 235   | Quartz Rock -<br>Bands of Muscovite at 215'.<br>Very widely scattered seams of Fe <sub>2</sub> O <sub>3</sub> & finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.<br>Occasional band of Muscovite from 230'-235'. |          |                  |                                    |
| <u>235'-236.5'</u>   | <u>-30°</u>           |           |                    | 16.8           | 235   | 252.5 | Quartz-Muscovite-Schists -<br>Occasional seam & finely disseminated Fe <sub>2</sub> O <sub>3</sub> .<br>Quartz rock relatively free from Muscovite from 236.2' - 237.5'.   |          |                  | Change from BK to AX at 251'.      |
|                      |                       |           |                    | 6.2            | 252.5 | 258.7 | Quartz Rock -<br>Occasional stringer of Fe <sub>2</sub> O <sub>3</sub> with widespread narrow seams of Muscovite.  |          |                  |                                    |
| <u>259'-267'</u>     | <u>50°</u>            |           |                    | 24.7           | 259   | 283.7 | Iron Formation -<br>Dense narrow seams with occasional band of Fe <sub>2</sub> O <sub>3</sub> . Powder Magnetic.   |          |                  | 284.5'<br>259'-283.5' 25% - 30% Fe |
| <u>277.8'-284.5'</u> | <u>30°-40°</u>        |           |                    | 5.6            | 284.5 | 290.1 | Quartz Rock -<br>Occasional stringer of Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |                                    |

Drill Hole No. 52 Claim No. 62051-02.1

Location Jeanine Lake

Collar Elev. 3338.69 Direction \_\_\_\_\_

Coordinates 41560W. - 4405S Ref. to U.T.M.

Depth 700' Angle 90°

Date start Aug. 11/56 Finish Aug. 21/56

Casing 21' Date of Report Aug. 3, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA U.C.

Sheet No. 4 of A.H. 52

Drilled by Wayles Ross

Type DCI #2

Hole Size AK

Analyzed by \_\_\_\_\_

Classified by Changmore

Stored U.C.

| DATE          | ∠ of Hole from Horiz. | Hole Size | ∠ of Bed from Axis | Length of Core | DEPTH |                          | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                                  |
|---------------|-----------------------|-----------|--------------------|----------------|-------|--------------------------|--|----------|------------------|---|
|               |                       |           |                    |                | From  | To                       |  | Fe       | SiO <sub>2</sub> |   |
|               |                       |           |                    | 6.5            | 290.5 | 299                      | Iron Formation   |          |                  | 290.5'-299' 206-25% Fe                            |
| 290.5'-310.5' | 40°                   |           |                    |                |       |                          | Narrow seams with occasional limited bands of Fe <sub>2</sub> O <sub>3</sub> powder Magnetite. Narrow  |          |                  | No Core Recovery from 296'-297.5'                 |
| 310.5'-315'   | 60°                   |           |                    |                |       |                          | seams of Muscovite throughout.   |          |                  |   |
| 315.5'-335'   | 40-50°                |           | 2.8                | 299            | 305   | Quartz-Muscovite-Schists | Stringers of Fe <sub>2</sub> O <sub>3</sub> throughout.  |          |                  | No Core Recovery from 302.4'-304.4' 346.8'-347.8' |
|               |                       |           |                    | 31.7           | 305   | MS                       | Quartz Rock  |          |                  |   |
|               |                       |           |                    |                |       |                          | Occasional narrow seams & stringers of Fe <sub>2</sub> O <sub>3</sub> very widespread spotting of Fe <sub>2</sub> O <sub>3</sub> from 308'-310'. Narrow seams of Muscovite scattered throughout. |          |                  | 341.5'-355' 206-25% Fe                            |
|               |                       |           |                    | 11.9           | 341.5 | 355                      | Iron Formation   |          |                  |   |
|               |                       |           |                    |                |       |                          | Narrow seams occasional band of Fe <sub>2</sub> O <sub>3</sub> Spotted Fe <sub>2</sub> O <sub>3</sub> & Fe Silicates from 347.8'-350.4'. Lean section from 357'-358.5'                           |          |                  |   |
|               |                       |           |                    | 21.7           | 355   | MS                       | Quartz Rock  |          |                  |   |
|               |                       |           |                    |                |       |                          | Stringers & Bdy disseminated Fe <sub>2</sub> O <sub>3</sub>  |          |                  |   |

Drill Hole No. 52 Claim No. 62051-CQ.1

Location Jeanine Lake

Collar Elev. 3538.69 Direction \_\_\_\_\_

Coordinates 41+60W. + 4+05S Ref. to BL#3

Depth 700' Angle 30°

Date start Aug. 1/56 Finish Aug. 7/56

Casing 21' Date of Report Aug. 6, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D.

Sheet No. 5 of 12

Drilled by Bayles Bros.

Type DD #2

Hole Size AN

Analyzed by \_\_\_\_\_

Classified by Changmore

Stored 16 D.

FT.

| DATE            | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks  |
|-----------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|                 |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
| 377.5'-378'     | 60°                   |           |                    | 11.9           | 377.5 | 390   | lean Iron Formation  |          |                  | 377.5'-390' 10 1/2-15% Fe   |
| 378'-395'       | 42°-50°               |           |                    |                |       |       | Narrow seams & occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Seams of Muscovite throughout.   |          |                  | 390'-420' 15 1/2-20% Fe   |
| CREW. 395'-445' | Trend 0°-10°          |           |                    | 36.1           | 390   | 428   | Iron Formation   |          |                  | No Core Recovery from 432'-434'   |
| CREW. 489'-614' | Trend 0°-10°          |           |                    |                |       |       | Narrow seams, stringers & occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Narrow seams & finely disseminated muscovite throughout.  |          |                  | Core heavily pitted at 430'   |
|                 |                       |           |                    | 53.9           | 428   | 489   | Quartz Rock  |          |                  | 489'-506' 20 1/2-25% Fe   |
|                 |                       |           |                    |                |       |       | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> with occasional seam.   |          |                  | 506'-550' 25% - 30% Fe  |
|                 |                       |           |                    | 85.3           | 489   | 587.5 | Iron Formation   |          |                  | No Core Recovery from 514'-516', 550.5'-553'. Core pitted at 517.5' and heavily pitted from 520.5'-528', 587'-587.5'. |
|                 |                       |           |                    |                |       |       | Narrow seams (dense) & occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Spotted Fe <sub>2</sub> O <sub>3</sub> from 497'-514'. Pure quartz 'dike' from 545.1'-545.3'. Spotted Fe <sub>2</sub> O <sub>3</sub> from 586'-590'. |          |                  | 550'-583' 30 1/2-35% Fe   |
|                 |                       |           |                    | 12.2           | 584.5 | 606.5 | Quartz Rock  |          |                  | 583'-593' 25% - 30% Fe  |
|                 |                       |           |                    |                |       |       | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  | No Core Recovery from 569'-572.5', 575'-576.8'  |
|                 |                       |           |                    |                |       |       |  |          |                  | 593'-594.5' 15% - 20% Fe  |
|                 |                       |           |                    |                |       |       |  |          |                  | No Core Recovery from 597'-597.5'   |



Drill Hole No. 52 Claim No. 62051-01Location Jeanine LakeCollar Elev. 3338.64 Direction \_\_\_\_\_Coordinates N+60 W -4+055 Ref. to B.L. #3Depth 720' Angle 30°Date start Aug. 15/56 Finish Aug 7/56Casing 21' Date of Report Aug. 8, 1956

Cartier Mining Company

## EXPLORATION DRILL HOLE DATA SHEET

AREA 1652Sheet No. 6 of 52Drilled by Rayless Bros.Type A.B. #2Hole Size AX

Analyzed by \_\_\_\_\_

Classified by B. LanghorneStored 1652

FT.

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|      |                       |           |                    | 1.5            | 608.5 | 610   | Lean Iron Formation<br>Stringers & finely disseminated Fe <sub>2</sub> O <sub>3</sub> .   |          |                  | 608.5'-610' 10-15% Fe<br>610'-612.5' 25-30% Fe  |
|      |                       |           |                    | 2.3            | 610   | 612.5 | Iron Formation<br>From 610.2 to 611.2 a heavy massive band of Fe <sub>2</sub> O <sub>3</sub> runs down the dip. Both edges of vein are not visible but minimum width would be 1". Heavy banding of Fe <sub>2</sub> O <sub>3</sub> at 611.7' & 612'. |          |                  | No Core Recovery from 617'-620', 623.5'-625'.<br>612.5'-614' 10-15% Fe<br>653'-656.5' 15-20% Fe |
|      |                       |           |                    | 1.3            | 612.5 | 614   | Lean Iron Formation<br>Stringers & finely disseminated Fe <sub>2</sub> O <sub>3</sub> .   |          |                  | No Core Recovery from 656.5'-659.7'.  |
|      |                       |           |                    | 1.2            | 614   | 616   | Quartz Rock<br>Finely disseminated Fe <sub>2</sub> O <sub>3</sub> & Muscovite.  |          |                  |   |
|      |                       |           |                    | 4.7            | 616   | 652   | Quartz-Muscovite-Schist<br>Finely disseminated Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  |   |
|      |                       |           |                    | 26.6           | 625.2 | 653   | Quartz Rock<br>Finely disseminated Fe <sub>2</sub> O <sub>3</sub> & spotted Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |   |
|      |                       |           |                    | 4.9            | 653   | 657.9 | Iron Formation  |          |                  |   |

Drill Hole No. 52 Claim No. 62051-01

Location Jeanine Lake

Collar Elev. 3338.64 Direction \_\_\_\_\_

Coordinates 4+60W-4+05S Ref. to HL#3

Depth 720' Angle 90°

Date start Aug 11 1956 Finish Aug 7 1956

Casing 2 1/2" Date of Report Aug 9, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 Q

Sheet No. 7 of 7 SHEETS

Drilled by Boyles Bros.

Type LD #2

Hole Size AK

Analyzed by \_\_\_\_\_

Classified by R. Langmere

Stored 16 Q

| DATE             | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH      |            | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                                      |
|------------------|-----------------------|-----------|--------------------|----------------|------------|------------|--|----------|------------------|---|
|                  |                       |           |                    |                | From       | To         |  | Fe       | SiO <sub>2</sub> |   |
| <u>659'-680'</u> | <u>90°</u>            |           |                    | <u>12.0</u>    | <u>653</u> | <u>680</u> | <u>Lean Iron Formation</u>   |          |                  | <u>653-680 10-15% Fe.</u>                             |
|                  |                       |           |                    |                |            |            | <u>Narrow seams, stringers &amp; finely disseminated Fe<sub>2</sub>O<sub>3</sub>, spotted Fe<sub>2</sub>O<sub>3</sub> from 672.5'-680'</u> |          |                  | <u>No Core Recovery from 633.5'-685', 695'-697.5'</u> |
|                  |                       |           |                    | <u>14.7</u>    | <u>680</u> | <u>700</u> | <u>Quartz Rock</u>   |          |                  | <u>Footage Summary</u>                                |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>Aug. 1. - 79'</u>                                  |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>" 2. - 100'</u>                                    |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>" 3. - 132'</u>                                    |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>" 4. - 146'</u>                                    |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>" 5. - 122'</u>                                    |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>" 6. - 110'</u>                                    |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>" 7. - 11'</u>                                     |
|                  |                       |           |                    |                |            |            |  |          |                  | <u>Hip Test at 700' - 93°</u>                         |
|                  |                       |           |                    |                |            |            | <u>END OF HOLE</u>   |          |                  |   |

Drill No. 53 Claim No. 62051-001Location Jeanine LakeCollar Elev. 3348.72 Direction \_\_\_\_\_Coordinates N19°0'W - 8460'S Ref. to BL #3Depth 315' Angle 30°Date start Aug. 8/56 Finish Aug. 15/56Casing 11 Date of Report Aug. 11, 1956Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D.Sheet No. 1 of 3Drilled by Bayles BrosType C.A. #2Hole Size AX

Analyzed by \_\_\_\_\_

Classified by ShangmoreStored 16 D.

FT.

| DATE            | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH |      | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|-----------------|-----------------------|-----------|--------------------|----------------|-------|------|---|----------|------------------|---|
|                 |                       |           |                    |                | From  | To   |   | Fe       | SiO <sub>2</sub> |   |
| 19'-26'         | 40°-50°               |           |                    | 7.6            | 11    | 21.5 | Quartz Rock   |          |                  | Rust stains from 15' - 18.5' with evidence of fracture zone at 18'-18.5'. |
| 56'-58.5'       | 40°-50°               |           |                    |                |       |      | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> from 19'-21.5'   |          |                  |   |
| CREN. 41'-61'   | Trend 20° W           |           |                    |                |       |      |   |          |                  |   |
| Int. plane 20°  |                       |           |                    | 7.8            | 21.5  | 30   | Lean Iron Formation   |          |                  | Lighter SiO <sub>2</sub> band with definite break running to 0'.          |
| CREN. 61'-95'   | Trend 0° E            |           |                    |                |       |      | Quartz with high muscovite content & seams, stringers & finely disseminated Fe <sub>2</sub> O <sub>3</sub> .                      |          |                  |   |
| Int. plane 30°  |                       |           |                    |                |       |      |   |          |                  | 21.5'-30' 10-15% Fe   |
| CREN. 95'-101'  | Trend 30°             |           |                    |                |       |      |   |          |                  |   |
| CREN. 101'-104' | Trend 0° R            |           |                    | 10.1           | 30    | 41   | Quartz-Muscovite-Schist.  |          |                  | Core pitted at 31' & 66'.   |
| Int. plane 30°  |                       |           |                    |                |       |      | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>3</sub> O <sub>4</sub> .   |          |                  |   |
| 104'-106'       | 40°                   |           |                    |                |       |      |   |          |                  |   |
| 106'-113'       | 20°                   |           |                    | 53.3           | 41    | 103  | Iron Formation  |          |                  | 41'-71' 20-25% Fe   |
| At 131'         | 0°                    |           |                    |                |       |      | Seams, stringers & occasional bands of Fe <sub>2</sub> O <sub>3</sub> with "spotted" Fe <sub>2</sub> O <sub>3</sub> from 41'-71'. |          |                  | 71'-103' 15-20% Fe  |
|                 |                       |           |                    |                |       |      | Pure quartz "dikes" (2 1/2" in width) at 102' & 103'. From appearance of core & "dikes" these are probably the same vein.         |          |                  | 103'-116' 10-15% Fe   |
|                 |                       |           |                    |                |       |      |   |          |                  | 116'- 15-20% Fe   |
|                 |                       |           |                    |                |       |      |   |          |                  | No Core Recovery from 118'-119.5', 124.5'-126'.                           |
|                 |                       |           |                    | 12.0           | 103   | 116  | Lean Iron Formation   |          |                  |   |
|                 |                       |           |                    |                |       |      | Narrow seams & stringers of Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |   |
|                 |                       |           |                    | 14.2           | 116   | 136  | Iron Formation  |          |                  |   |
|                 |                       |           |                    |                |       |      | Seams & stringers with occasional band of Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |   |



Drill No. 53 Claim No. 62051-01

Location Jeanine Lake

Collar Elev. 3348.72 Direction \_\_\_\_\_

Coordinates 41° 30' N - 86° 05' W Ref. to Bl. # 3

Depth 315' Angle 20°

Date start Aug. 8/56 Finish Aug. 15/56

Casing 11' Date of Report Aug. 16, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET

AREA 16 A.

Sheet No. 2 of 3

Drilled by Hayles Bros.

Type AA #2

Hole Size AK

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 16 A

FT.

| DATE                     | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH        |            | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                 |
|--------------------------|-----------------------|-----------|--------------------|----------------|--------------|------------|--|----------|------------------|----------------------------------|
|                          |                       |           |                    |                | From         | To         |  | Fe       | SiO <sub>2</sub> |                                  |
| <u>At 142'</u>           | <u>40°</u>            |           |                    | <u>17.1</u>    | <u>136</u>   | <u>159</u> | <u>Quartz Rock</u>   |          |                  | <u>No Core Recovery from</u>     |
| <u>154' - 159'</u>       | <u>15° - 20°</u>      |           |                    |                |              |            | <u>Finely disseminated Fe<sub>2</sub>O<sub>3</sub> present with</u>                            |          |                  | <u>138' - 141', 192' - 194'.</u> |
| <u>202' - 212.5'</u>     | <u>30° - 40°</u>      |           |                    |                |              |            | <u>occasional stringers. Seams of Muscovite</u>  |          |                  |                                  |
| <u>CHEM. 222' - 224'</u> |                       |           |                    |                |              |            | <u>from 151' - 152'.</u>   |          |                  | <u>Core pitted at 142.5',</u>    |
|                          |                       |           |                    |                | <u>159</u>   | <u>187</u> | <u>No Core Recovery</u>  |          |                  | <u>204.5'.</u>                   |
|                          |                       |           |                    |                |              |            |  |          |                  | <u>No Core Recovery from</u>     |
|                          |                       |           |                    |                |              |            |  |          |                  | <u>197.5' - 198.5'.</u>          |
|                          |                       |           |                    | <u>8.5</u>     | <u>187</u>   | <u>202</u> | <u>Quartz Rock</u>   |          |                  |                                  |
|                          |                       |           |                    |                |              |            | <u>Finely disseminated Fe<sub>2</sub>O<sub>3</sub> present.</u>                                |          |                  | <u>202' - 212.5' 10-15% Fe</u>   |
|                          |                       |           |                    |                |              |            | <u>Muscovite seams scattered throughout.</u>   |          |                  |                                  |
|                          |                       |           |                    | <u>9.7</u>     | <u>202</u>   | <u>212</u> | <u>Shear Iron Formation</u>  |          |                  | <u>Footage Summary.</u>          |
|                          |                       |           |                    |                |              |            | <u>Narrow seams &amp; stringers of Fe<sub>2</sub>O<sub>3</sub></u>                             |          |                  | <u>Aug. 8 &amp; 9 - Set up</u>   |
|                          |                       |           |                    |                |              |            | <u>throughout.</u>   |          |                  | <u>" 10 - 155'</u>               |
|                          |                       |           |                    | <u>10.8</u>    | <u>212.5</u> | <u>224</u> | <u>Quartz Rock</u>   |          |                  | <u>" 12 - 16'</u>                |
|                          |                       |           |                    |                |              |            | <u>Finely disseminated Fe<sub>2</sub>O<sub>3</sub>, seams of Fe<sub>2</sub>O<sub>3</sub></u>   |          |                  | <u>" 14 - 29'</u>                |
|                          |                       |           |                    |                |              |            | <u>from 202' - 224'.</u>   |          |                  | <u>" 15 - 115'</u>               |
|                          |                       |           |                    | <u>7.0</u>     | <u>224</u>   | <u>231</u> | <u>Quartz - Muscovite Schist</u>   |          |                  |                                  |
|                          |                       |           |                    |                |              |            | <u>Stringers of Fe<sub>2</sub>O<sub>3</sub> with disseminated Fe<sub>2</sub>O<sub>3</sub>.</u> |          |                  |                                  |

Drill Hole No. 53 Claim No. 62051-001  
 Location Jeanne Lake  
 Collar Elev. 3348.72 Direction \_\_\_\_\_  
 Coordinates 41° 30' W. - 8460 S. Ref. to U.S.G.  
 Depth 315' Angle 30°  
 Date start Aug. 15/56 Finish Aug. 15/56  
 Casing 11' Date of Report AUGUST 18/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 163

Sheet No. 5 of 3  
 Drilled by Boyer Bros.  
 Type DD#2  
 Hole Size AX  
 Analyzed by \_\_\_\_\_  
 Classified by V. KALNINS  
 Stored 163

FT.

| DATE | Z of Hole From Horiz. | Hole Size | Z of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|      |                       |           |                    | 3              | 331   | 340   | QZ. ROCK -<br>SOME SEAMS OF Fe <sub>2</sub> O <sub>3</sub> ;<br>SEAMS & BANDS OF<br>MUSCOVITE SCHIST PRESENT<br>IN MINOR AMOUNTS          |          |                  | CRENULATED IN<br>PART.  |
|      |                       |           | 70°                | 155            | 341   | 348   | QZ. ROCK -<br>ONLY SOME DISSIMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub> ; NO MUSCOVITE<br>MINOR AMOUNTS OF<br>MARBLE IMPURITIES. |          |                  | NO CORE: 341'-343';<br>345'-347'; 251'-254';<br>257.5'-258.5' |
|      |                       |           |                    | 6.5            | 348   | 377   | MARBLE -<br>WITH BANDS OF GREEN<br>Fe SILICATES.  |          |                  | CRENULATED IN PART.<br>NO CORE 368'-2703'                     |
|      |                       |           |                    | 10.5           | 377   | 381.2 | QZ. ROCK -<br>SOME THIN DISSEMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub>  |          |                  | CRENULATED IN<br>PART. NO CORE:<br>281.5'-283.8'              |
|      |                       |           |                    | 20.5           | 381.2 | 386.5 | MARBLE -<br>WITH BANDS OF<br>GREEN Fe SILICATES.<br>MINOR QZ. ROCK<br>IMPURITIES.   |          |                  | CRENULATED IN<br>PART<br><br>Hip Test at 310' - 88°           |





Drill Hole No. 600 Claim No. 62050-0.5 THE CARTIER MINING COMPANY LIMITED

Location Seaman Lake

Coordinates N 44° 40' W Ref. to A.L.M. 3

Collar Elev. 3112.87 Direction \_\_\_\_\_

Depth 225' Angle 30°

Date Start Aug 28/56 Finish Sept 7/56

Casing 10' Date of Report Sept 1/56

EXPLORATION DRILL HOLE DATA SHEET

AREA 160

Sheet No. 2 of 6 sheets

Drilled By Bayles Bros.

Type QA # 2

Hole Size 3X

Analyzed By \_\_\_\_\_

Classified By B. Langmore

Stored 160

| DATE            | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS                                |
|-----------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|                 |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|                 |                       |           |                    | 8.2            | 231.5 | 243.5 | Iron Formation  |          |                  |   |
|                 |                       |           |                    |                |       |       | Seams, stringers & bands of Fe <sub>2</sub> O <sub>3</sub> & spotted Fe <sub>2</sub> O <sub>3</sub> . Bands & seams of Muscovite.   |          |                  | 231.5' - 243.5' 25-30% Fe                       |
| 231.5' - 243.5' | 40° - 50°             |           |                    |                |       |       |   |          |                  |   |
| 243.5' - 245.5' | 40°                   |           |                    |                |       |       |   |          |                  | Fines only from 233.5' - 235'. Pyrite in fines. |
| 245.5' - 255'   | 40° - 50°             |           |                    | 0.9            | 243.5 | 245   | Quartz-Muscovite schist   |          |                  |   |
| 255' - 267'     | 50° - 60°             |           |                    |                |       |       | Stringers of Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  |   |
|                 |                       |           |                    |                |       |       |   |          |                  | 245' - 245.5' 25-30% Fe                         |
|                 |                       |           |                    | 0.5            | 245   | 245.5 | Iron Formation  |          |                  | 251' - 267' 25-30% Fe                           |
|                 |                       |           |                    |                |       |       | Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>3</sub>   |          |                  |   |
|                 |                       |           |                    |                | 245.5 | 250   | No Core Recovery  |          |                  |   |
|                 |                       |           |                    | 0.3            | 250   | 251   | Quartz-Muscovite schist   |          |                  |   |
|                 |                       |           |                    |                |       |       | Seams of Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  |   |
|                 |                       |           |                    |                | 251   | 267   | Iron Formation  |          |                  |   |
|                 |                       |           |                    |                |       |       | Seams & stringers & occasional band of Fe <sub>2</sub> O <sub>3</sub> . Also spotted Fe <sub>2</sub> O <sub>3</sub> . Widespread seams of Muscovite with schist from 254.5' - 255'. |          |                  |   |
|                 |                       |           |                    | 1.5            | 267   | 270   | Quartz-Muscovite schist.  |          |                  |   |
|                 |                       |           |                    |                |       |       | Stringers of Fe <sub>2</sub> O <sub>3</sub> near 270'.  |          |                  |   |

Drill Hole 60 Claim No. 4205D-C3

THE CARTIER MINING COMPANY LIMITED

Sheet No. 3 of 6 sheets

Location Teanna Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Bayles Bros.

Coordinates 1200'N 4700'S Ref. to D.L. #3

Type W.P. #2

Collar Elev. 3112.87 Direction \_\_\_\_\_

AREA 16 II.

Hole Size 8 1/2

Depth 275' Angle 30°

Analyzed By \_\_\_\_\_

Date Start Aug 29/56 Finish Sept 7/56

Classified By B. Longmire

Casing 16 Date of Report Sept 3/56

Stored 16 II.

| DATE        | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS      |
|-------------|-----------------------|-----------|--------------------|--------------|-------|-----|--|----------|------------------|-----------------------|
|             |                       |           |                    |              | From  | To  |  | Fe       | SiO <sub>2</sub> |                       |
|             |                       |           |                    | 4.8          | 270   | 275 | Lean Iron Formation  |          |                  | 270'-275' 10-15% Fe   |
| 270'-275'   | 50°                   |           |                    |              |       |     | seams & stringers of Fe <sub>2</sub> O <sub>3</sub> with spotted Fe <sub>2</sub> O <sub>3</sub> stringers of Muscovite present   |          |                  | 287.5'-331' 15-20% Fe |
| 287.5'-343' | 55°                   |           |                    |              |       |     | Schists from 274'-285'   |          |                  | 331'-343' 20-25% Fe   |
|             |                       |           |                    | 9.5          | 275   | 285 | Quartz Rock  |          |                  |                       |
|             |                       |           |                    |              |       |     | Widespread seams & finely disseminated Fe <sub>2</sub> O <sub>3</sub> present  |          |                  |                       |
|             |                       |           |                    | 1.7          | 285   | 287 | Quartz-Muscovite Schist  |          |                  |                       |
|             |                       |           |                    |              |       |     | Very widespread & limited stringers of Fe <sub>2</sub> O <sub>3</sub>  |          |                  |                       |
|             |                       |           |                    | 50.0         | 287.5 | 343 | Iron Formation   |          |                  |                       |
|             |                       |           |                    |              |       |     | Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> with occasional banding. Spotted Fe <sub>2</sub> O <sub>3</sub> & some Fe Schist from 287.5'-289'. Muscovite banding at 298'-seams & bands from 321'-325'. Spotted Fe <sub>2</sub> O <sub>3</sub> from 312'-315', 330'-343'. |          |                  |                       |

Drill Hole No. 60 Claim No. 645D-65

THE CARTIER MINING COMPANY LIMITED

Sheet No. 4 of 2

Location Tennison Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Bayles Biles

Coordinates 127° 46' 3" Ref. to 24-P-3

Type D. R. #2

Collar Elev. 3112.87 Direction \_\_\_\_\_

AREA 16 D

Hole Size 38

Depth 225' Angle 40'

Analyzed By \_\_\_\_\_

Date Start Aug 25/56 Finish Sept 7/56

Classified By P.W. GREEN

Casing 10' Date of Report Sept 4/56

Stored 16D

| DATE        | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet of Core | DEPTH  |        | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|-------------|-----------------------|-----------|--------------------|--------------|--------|--------|--|----------|------------------|--|
|             |                       |           |                    |              | From   | To     |  | Fe       | SiO <sub>2</sub> |  |
| 343'-350'   | 40°                   |           |                    | 3.2          | 343'   | 350'   | Schist - quartz muscovite stringers of Fe <sub>2</sub> O <sub>3</sub> and spotted Fe <sub>2</sub> O <sub>3</sub> at 350'   |          |                  | no more remaining 343'-345'  |
|             |                       |           |                    | 25.6         | 350'   | 375'   | Quartz rock - finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.   |          |                  |  |
| 375'-383'   | 45°                   |           |                    | 4.5          | 375'   | 383'   | Quartz - muscovite schist finely disseminated Fe <sub>2</sub> O <sub>3</sub>   |          |                  |  |
|             |                       |           |                    | 3.9          | 383'   | 387.5' | Quartz rock - disseminated Fe <sub>2</sub> O <sub>3</sub> throughout - a few stringers of Fe <sub>2</sub> O <sub>3</sub> at 387'   |          |                  |  |
| 387.5'-500' | 40                    |           |                    | 98.8         | 387.5' | 486'   | Zone of muscovite - some red disseminated bands of Fe <sub>2</sub> O <sub>3</sub> - at 412' - 2' pure quartz 'dike' - at 417' - silicified muscovite spotted Fe <sub>2</sub> O <sub>3</sub> from and Fe silicates from 420' - 425' |          |                  | 347.5' - 430' - 20' - 20' no more remaining 421.5' - 423.5' 44' - 475' 15' - 20' Fe 475' - 496' - 20' - 25' Fe |
|             |                       |           |                    |              |        |        | 2 bands Fe silicate 462.5' & 463.5' Pitted 463.5'  |          |                  |  |
|             |                       |           |                    |              |        |        | Muscovite bands 474'   |          |                  |  |



Drill Hole No. 60 Claim No. 62050-25

THE CARTIER MINING COMPANY LIMITED

Sheet No. 5 of 6 sheets

Location Jessamine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Bayles Bros.

Coordinates 4403 Ref. to 86.23

Type DDH

Collar Elev. 3112.87 Direction \_\_\_\_\_

AREA 16D

Hole Size 8X

Depth 275' Angle 40°

Analyzed By \_\_\_\_\_

Date Start Aug 25' Finish Sept 7/56

Classified By P.W. Grace

Casing 10' Date of Report Sept 4/56

Stored 16D

| DATE              | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |      | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|-------------------|-----------------------|-----------|--------------------|----------------|-------|------|--|----------|------------------|---|
|                   |                       |           |                    |                | From  | To   |  | Fe       | SiO <sub>2</sub> |   |
|                   |                       |           |                    | 16.9           | 446'  | 500' | Lens Iron Formation - massive and some of Fe <sub>2</sub> O <sub>3</sub> from 446' to 475' fragment beds and some of massive Fe <sub>2</sub> O <sub>3</sub> in the center and scattered Magnetite occasional bands Fe <sub>2</sub> O <sub>3</sub> Detail see   |          |                  | 476-524-16-15% Fe   |
| 508'-525'-40°-60° |                       |           |                    | 19.1           | 500'  | 540' | Iron Formation - siliceous and some of Fe <sub>2</sub> O <sub>3</sub> in the center and some of Fe <sub>2</sub> O <sub>3</sub> in the center and some of Fe <sub>2</sub> O <sub>3</sub> in the center  |          |                  | 508-516 16 20% Fe<br>511-525 16-45% Fe  |
| 525'-600'-50°-40° |                       |           |                    |                |       |      | very massive Fe <sub>2</sub> O <sub>3</sub> from 525' to 545' increasingly abundant at 545' and above  |          |                  | 7.0 core recovery 544-549<br>525-555 12-30% Fe  |
| 600'-640' 40°     |                       |           |                    |                |       |      | see to 545   |          |                  | no core recovery 550-553'   |
| 640'-728 30°      |                       |           |                    |                |       |      | lit of iron crystalline Fe <sub>2</sub> O <sub>3</sub> 555-570 pebbles 568-570 much banding 585-595 of Fe <sub>2</sub> O <sub>3</sub> mica bands 595 & 597 all - 614 muscovite & some quartz. 610-5 iron-st. after 625' scattered stringers of Fe silicate and some of Fe <sub>2</sub> O <sub>3</sub> mass |          |                  | 555-575 11-25% Fe<br>575-580 25-30% Fe<br>580-600 20-25% Fe<br>600-610 20-30% Fe<br>610-625 20-25% Fe<br>no core recovery<br>631-634<br>636-639 ?<br>641.5-645<br>645-650 20-30% Fe |

Drill Hole 10 Claim No. 208785

THE CARTIER MINING COMPANY LIMITED

Sheet No. 6 of 6 sheets

Location Tasmanian Lake

Drilled By Boyles Bros

Coordinates 14° 20' W 41° 05' S Ref. to 1643

EXPLORATION DRILL HOLE DATA SHEET

Type DF #2

Collar Elev. 3112.87 Direction \_\_\_\_\_

AREA 16D

Hole Size 82

Depth 775' Angle 90°

Analyzed By \_\_\_\_\_

Date Start Aug 25 Finish Sept 7/56

Classified By P. W. Quinn

Casing 10' Date of Report Sept 14/56

Stored 16D

| DATE             | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Anchors of Core | DEPTH |    | CLASSIFICATION                         | ANALYSES |                  | DRILLING REMARKS              |
|------------------|-----------------------|-----------|--------------------|-----------------|-------|----|--|----------|------------------|-------------------------------|
|                  |                       |           |                    |                 | From  | To |  | Fe       | SiO <sub>2</sub> |                               |
| <del>304 -</del> |                       |           | *                  |                 |       |    | 656 - 2 beds muscovite                 |          |                  |                               |
|                  |                       |           |                    |                 |       |    | 662 - 663' pebbles                     |          |                  | 652 - 670 20-25% Fe           |
| 728 - 742        | unrotated             |           |                    |                 |       |    | 670 - 693' muscovite seams and bands   |          |                  | 670 - 677 25-30% Fe           |
|                  |                       |           |                    |                 |       |    | continued scattered silicates & Fe 24  |          |                  | 677 - 713 10-20%              |
| 752.5 - 775      |                       |           |                    |                 |       |    | 716' muscovite                         |          |                  |                               |
|                  |                       |           |                    |                 |       |    | 729 - 740' gtdyke                      |          |                  | 770 core recovery 701.5 - 707 |
|                  |                       |           | 9.6                |                 |       |    | lean T.F. lot of muscovite             |          |                  | 706.5 - 710                   |
|                  |                       |           | 20.0               |                 |       |    | gta-muscovite schist.                  |          |                  | 713 - 742 25-30% Fe           |
|                  |                       |           |                    |                 |       |    |  |          |                  | 742 - 752.5 10-15% Fe         |
|                  |                       |           |                    |                 |       |    |  |          |                  |                               |
|                  |                       |           |                    |                 |       |    | 870' <sup>12.5'</sup> recovery in T.F. |          |                  |                               |
|                  |                       |           |                    |                 |       |    |  |          |                  | diag lost at 770' - 775°      |

Drill Hole No. 601 Claim No. 62050 CFS

Location Jeanne Lake

Collar Elev. 3162.719 Direction \_\_\_\_\_

Coordinates 12000 W 5<sup>th</sup> S Ref. to B.L. # 3

Depth 710' Angle 90°

Date start Aug. 18/56 Finish Aug 27/56

Casing 14' Date of Report Aug 21, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 II.

Sheet No. 1 of 3 sheets

Drilled by Charles Wren

Type U.O. #1

Hole Size AA

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 16 II.

FT

| DATE                 | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH       |             | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                          |
|----------------------|-----------------------|-----------|--------------------|----------------|-------------|-------------|--|----------|------------------|---|
|                      |                       |           |                    |                | From        | To          |  | Fe       | SiO <sub>2</sub> |   |
| <u>14' - 48.5'</u>   | <u>60°</u>            |           |                    | <u>3.5</u>     | <u>14</u>   | <u>17.5</u> | <u>Quartz-Muscovite Schist</u>   |          | <u>2</u>         | <u>No Core Recovery from</u>              |
| <u>57' - 107'</u>    | <u>60°</u>            |           |                    |                |             |             | <u>Occasional stringers of Fe<sub>2</sub>O<sub>3</sub></u>                                 |          |                  | <u>22.5' - 24', 26.5' - 27.5'</u>         |
|                      |                       |           |                    |                |             | <u>30.5</u> |  |          |                  | <u>Core pibbed at 44'</u>                 |
|                      |                       |           |                    | <u>9.0</u>     | <u>17.5</u> | <u>26.5</u> | <u>Iron Formation</u>  |          |                  | <u>30.5'</u>                              |
| <u>Aug 19 Set up</u> |                       |           |                    |                |             |             | <u>Narrow seams &amp; stringers of Fe<sub>2</sub>O<sub>3</sub></u>                         |          |                  | <u>17.5' - <del>20.5'</del> 20-25% Fe</u> |
| <u>17 - 123</u>      |                       |           |                    |                |             |             | <u>Seams of Muscovite scattered</u>  |          |                  | <u>20.5' - 27.5' 10-15% Fe</u>            |
| <u>20 - 122</u>      |                       |           |                    |                |             |             | <u>throughout spotted Fe<sub>2</sub>O<sub>3</sub> from 22' - 25.5'</u>                     |          |                  | <u>60' - 107' 20-25% Fe</u>               |
| <u>21 - 127</u>      |                       |           |                    |                |             | <u>30.5</u> |  |          |                  |   |
| <u>22 - 48</u>       |                       |           |                    | <u>14.5</u>    | <u>26.5</u> | <u>47.5</u> | <u>Lean Iron Formation</u>   |          |                  | <u>No Core Recovery from</u>              |
| <u>23 - 17</u>       |                       |           |                    |                |             |             | <u>Narrow seams, stringers &amp; disseminated</u>  |          |                  | <u>77.5' - 78'</u>                        |
| <u>24 - 61</u>       |                       |           |                    |                |             |             | <u>Fe<sub>2</sub>O<sub>3</sub> throughout. Muscovite seams</u>                             |          |                  |   |
| <u>25 - 107</u>      |                       |           |                    |                |             |             | <u>throughout. Widespread spotted Fe<sub>2</sub>O<sub>3</sub></u>                          |          |                  |   |
| <u>26 - 97</u>       |                       |           |                    |                |             |             |  |          |                  |   |
| <u>27 - 16</u>       |                       |           |                    | <u>8.9</u>     | <u>47.5</u> | <u>57</u>   | <u>Quartz Rock</u>   |          |                  |   |
|                      |                       |           |                    |                |             |             | <u>Finely disseminated Fe<sub>2</sub>O<sub>3</sub> present.</u>                            |          |                  |   |
|                      |                       |           |                    | <u>2.5</u>     | <u>57</u>   | <u>60</u>   | <u>Quartz-Muscovite Schist</u>   |          |                  |   |
|                      |                       |           |                    | <u>38.5</u>    | <u>60</u>   | <u>107</u>  | <u>Iron Formation</u>  |          |                  |   |
|                      |                       |           |                    |                |             |             | <u>Seams &amp; stringers with occasional band</u>  |          |                  |   |
|                      |                       |           |                    |                |             |             | <u>of Fe<sub>2</sub>O<sub>3</sub> widely scattered spotted Fe<sub>2</sub>O<sub>3</sub></u> |          |                  |   |
|                      |                       |           |                    |                |             |             | <u>from 60' - 75' Heavy spottings of</u>   |          |                  |   |
|                      |                       |           |                    |                |             |             | <u>Fe<sub>2</sub>O<sub>3</sub> from 100' - 107'</u>  |          |                  |   |



Drill Hole No. 61 Claim No. 6200-45

Location Terrace Lake

Collar Elev. 3163.719 Direction \_\_\_\_\_

Coordinates 11.000, 9° 45' Ref. to A.L. #3

Depth 710' Angle 90°

Date start Aug 18/56 Finish Aug 27/56

Casing 14' Date of Report Aug 21, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 160.

Sheet No. 2 of 3 SHEETS  
Drilled by Rayles Bros.  
Type A.O.#1  
Hole Size AX  
Analyzed by \_\_\_\_\_  
Classified by B. Longmore  
Stored 160.

FT

| DATE               | ∠ of Hole From Horiz. | Hole Size | ∠ of Rod From Axis | Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks   |
|--------------------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|--|
|                    |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |  |
| CREN 132.5' - 141' |                       |           |                    | 9.5            | 107   | 119 | Quartz-Muscovite Schist  |          |                  | 141' - 250' 25-30% Fe  |
| 141' - 406'        | 60° - 70°             |           |                    |                |       |     | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> presents.                   |          |                  | 250' - 406' 30-35% Fe  |
| CREN 279' - 710'   |                       |           |                    |                |       |     |  |          |                  |  |
| 433' - 450'        | 50° - 60°             |           |                    | 12.6           | 119   | 125 | Quartz Rock  |          |                  | No Core Recovery from  |
|                    |                       |           |                    |                |       |     | Very finely disseminated Fe <sub>2</sub> O <sub>3</sub> presents.              |          |                  | 143' - 144.5', 195' - 196',<br>198' - 200', 210.5' - 211',<br>295' - 400'. |
|                    |                       |           |                    | 8.1            | 132.5 | 141 | Quartz-Muscovite Schist.   |          |                  | Core pitted at 335'.   |
|                    |                       |           |                    |                |       |     | Very finely disseminated Fe <sub>2</sub> O <sub>3</sub> presents.              |          |                  | Mainly pitted from   |
|                    |                       |           |                    | 238.2          | 141   | 406 | Iron Formation   |          |                  | 390' - 391.5' with heavy   |
|                    |                       |           |                    |                |       |     | Have narrow seams & stringers of Fe <sub>2</sub> O <sub>3</sub>                |          |                  | Spotting of Fe Silicates.  |
|                    |                       |           |                    |                |       |     | with occasional band. Spotted Fe <sub>2</sub> O <sub>3</sub> &                 |          |                  |  |
|                    |                       |           |                    |                |       |     | trace of Fe Silicates from 152' - 250',  |          |                  |  |
|                    |                       |           |                    |                |       |     | at 229', 246' - 247', 359' - 372'. Heavy                                       |          |                  |  |
|                    |                       |           |                    |                |       |     | concentration of Fe <sub>2</sub> O <sub>3</sub> from 389' - 391.5',            |          |                  | 405' - 406'.   |
|                    |                       |           |                    | 24.5           | 406   | 433 | Quartz-Muscovite Schist  |          |                  | Core pitted at 407.5'  |
|                    |                       |           |                    |                |       |     | High quality of sil. & Fe Silicates  |          |                  |  |
|                    |                       |           |                    |                |       |     | presents with Fe <sub>2</sub> O <sub>3</sub> & Fe <sub>2</sub> Si throughputs. |          |                  | 433' - 710' 20-25% Fe.   |
|                    |                       |           |                    | 252.4          | 433   | 710 | Iron Formation   |          |                  |  |
|                    |                       |           |                    |                |       |     | Narrow seams, stringers & occasional band of Fe <sub>2</sub> O <sub>3</sub>    |          |                  |  |
|                    |                       |           |                    |                |       |     | seams, stringers & spotted Fe <sub>2</sub> O <sub>3</sub> with Fe Silicates    |          |                  |  |



Drill Hole No. 62 Claim No. 11050-CL5

Location Jennine Lake

Collar Elev. 3162.71 Direction \_\_\_\_\_

Coordinates \_\_\_\_\_ Ref. to 2.6.93

Depth 714' Angle 90°

Date start Aug 17/56 Finish Aug 26/56

Casing 12' Date of Report Aug 20, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16A

Sheet No. 1 of 15 SHEETS  
Drilled by Boyer Bros.  
Type J.A. #2  
Hole Size 1 1/2"  
Analyzed by \_\_\_\_\_  
Classified by Boyer Bros.  
Stored 16A

FT.

| DATE                | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Feet of Core | DEPTH |      | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                          |
|---------------------|-----------------------|-----------|--------------------|--------------|-------|------|--|----------|------------------|---|
|                     |                       |           |                    |              | From  | To   |  | Fe       | SiO <sub>2</sub> |   |
| CREN 12' - 20.5'    | 60°                   |           |                    | 7.1          | 12    | 19.5 | Quartz-Muscovite schist  |          |                  | 23' - <del>31'</del> <del>25-26%</del> Fe |
| 20.5' - 21'         | 60°                   |           |                    |              |       |      | Occasional stringer of Fe <sub>2</sub> O <sub>3</sub>  |          |                  | <del>31'</del> - 342' 50-55% Fe           |
| 21' - 23'           | 80°                   |           |                    |              |       |      |  |          |                  | Found from 38.5' - 39.5'                  |
| 23' - 50'           | 70°                   |           |                    | 31           | 19.5  | 23   | Quartz Rock  |          |                  | runs 60%+ Fe in core                      |
| CREN 23' - 52.5'    | Trend 20°-30°         |           |                    |              |       |      | Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> & Muscovite throughout   |          |                  |   |
| & Az. plane 50°-60° |                       |           |                    |              |       |      |  |          |                  | 342' - 370' 20-25% Fe                     |
| CREN 52.5' - 62.5'  | Trend 0°-10°          |           |                    |              |       |      |  |          |                  | 370' - 425' 25-30% Fe                     |
| & Az. plane 70°-80° |                       |           |                    | 653.5        | 23    | 714  | Iron Formation   |          |                  | 425' - 515' 30-35% Fe                     |
| CREN 62.5' - 714'   |                       |           |                    |              |       |      | Dense narrow seams & stringers with occasional bands of Fe <sub>2</sub> O <sub>3</sub> spotted Fe <sub>2</sub> O <sub>3</sub> & trace of Fe silicates from 56' - 64', 79' - 127', 155' - 200'. From 136' there are occasional heavy bands of massive Fe <sub>2</sub> O <sub>3</sub> (upto 1' in width). Spotted Fe <sub>2</sub> O <sub>3</sub> & Fe silicates from 227' - 300'. Heavy Muscovite banding from 274.5' - 275.5', 297.5' - 298.5', seams & bands from 300' - 333'. Spotted Fe <sub>2</sub> O <sub>3</sub> & Fe silicates from 341' - 425', 475' - 438', 504' - 514', 563.5' - 650'. Pure quartz dike at 553' (4'), 577.5' (2'), 584' (6'). Muscovite seams from 628' - 629'. |          |                  | 515' - 525' 25-30% Fe                     |
| Aug 17, 18 Set up.  |                       |           |                    |              |       |      |  |          |                  | 525' - 585' 20-25% Fe                     |
| Aug 19 - 143'       |                       |           |                    |              |       |      |  |          |                  | 585' - 646' 25-30% Fe                     |
| 20 - 144'           |                       |           |                    |              |       |      |  |          |                  | 646' - 650' 15-20% Fe                     |
| 21 - 102'           |                       |           |                    |              |       |      |  |          |                  | 650' - 714' 25-30% Fe                     |
| 22 - 80'            |                       |           |                    |              |       |      |  |          |                  |   |
| 23 - 74'            |                       |           |                    |              |       |      |  |          |                  | Q.p Test at 714' - 85°                    |
| 24 - 65'            |                       |           |                    |              |       |      |  |          |                  |   |
| 25 - 74'            |                       |           |                    |              |       |      |  |          |                  | Core Recovery in Iron Formation 95%       |
| 26 - 32'            |                       |           |                    |              |       |      |  |          |                  |   |
| END OF HOLE         |                       |           |                    |              |       |      |  |          |                  |   |



Drill Hole No. 63 Claim No. 62050-105  
 Location Jeanine Lake  
 Collar Elev. 3179.31 Direction \_\_\_\_\_  
 Coordinates 12+00 W - 19+65 S Ref. to BL 03  
 Depth 253' Angle 30°  
 Date start Aug. 12/56 Finish Aug. 16/56  
 Casing 27 Date of Report AUGUST 16/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 163

Sheet No. 1 of 1 SET  
 Drilled by Rayles Area  
 Type 22  
 Hole Size 2 1/2  
 Analyzed by AKALINS  
 Classified by \_\_\_\_\_  
 Stored 162

CONAN TWP.

FT

| DATE                       | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks   |
|----------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|--|
|                            |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |  |
| CREW.                      | 25'-193'              | Tread     | 0°-10°             | 157.2          | 85    | 187   | i.f.  |          |                  | 25'-70' 25-30% Fe<br>70'-187' 20-25% Fe<br>193.5'-196.5' 10-15% Fe                 |
|                            | to Ad. plane 80°-90°  |           |                    |                |       |       | SEAMS BANDS & INFREQUENT MASSIVE Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED Fe <sub>2</sub> O <sub>3</sub> PRESENT THROUGHOUT, From 25'-70' fine quartz 'dike' from 112.5'-113' narrow veins of Muscovite from 164'-165' Fe Sulphides & spotted Fe <sub>2</sub> O <sub>3</sub> at 173' |          |                  | Core heavily pitted at 203.5'  |
| QUEBEC DEPARTMENT OF MINES |                       |           |                    |                |       |       |   |          |                  |  |
| MINERAL DEPOSITS BRANCH    |                       |           |                    |                |       |       |   |          |                  |  |
| No G.M. - 6155             |                       |           |                    |                |       |       |   |          |                  |  |
|                            |                       |           |                    | 6.2            | 187   | 133.5 | Quartz - Muscovite Schist   |          |                  | Footage Summary<br>Aug 12 513 - set up.<br>" 14 - 59'<br>" 15 - 125'<br>" 16 - 69' |
|                            |                       |           |                    | 2.6            | 196.5 | 196.5 | Low Iron Formation  |          |                  | Up Test at 250' - 88°  |
|                            |                       |           |                    | 556            | 253   | 253   | Quartz Rock   |          |                  | Core Recovery in Iron Formation - 37%  |
|                            |                       |           |                    | 477            | 196.5 | 196.5 | Very finely disseminated Fe <sub>2</sub> O <sub>3</sub> present. Narrow veins & stringers of Muscovite  |          |                  |  |
| END OF HOLE                |                       |           |                    |                |       |       |   |          |                  |  |

Drill Hole 65 Claim No. \_\_\_\_\_  
 Location Tennipine Lake  
 Coordinates \_\_\_\_\_ Ref. to BL 43  
 Collar Elev. \_\_\_\_\_ Direction \_\_\_\_\_  
 Depth 794 Angle 45  
 Date Start \_\_\_\_\_ Finish \_\_\_\_\_  
 Casing 10 Date of Report Sept 13/56

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. / of \_\_\_\_\_  
 Drilled By Bayles Brain  
 Type DDH  
 Hole Size BX  
 Analyzed By \_\_\_\_\_  
 Classified By P.W. Green  
 Stored 76 D

| DATE    | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Ft. Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|---------|-----------------------|-----------|--------------------|--------------------|-------|-----|--|----------|------------------|--|
|         |                       |           |                    |                    | From  | To  |  | Fe       | SiO <sub>2</sub> |  |
| 10-254' | 10-80°                |           |                    | 229.1              | 10    | 254 | Quartz Biotite Gneiss<br>40' more garnet, sulphide and green silicates<br>45' more sulphide (pyrite) and green silicates<br>112 green silicate + Graphite<br>118 green silicate<br>124 green silicate + sulphide<br>151 garnet<br>253-255 3" bands silicates (green) |          |                  | no core necessary<br>147-150<br>176-181<br>193-197   |
|         |                       |           |                    | 19.2               | 260   | 288 | marble with scattered green impurities<br>281 seems to be Fe rust in marble  |          |                  | 260.5-265 } no core<br>278.5-275 } recovery<br>282-284   |
|         |                       |           |                    | 46.0               | 284   | 353 | qtz rock in 1st form but a little more Fe than usual<br>332-339.5 IF<br>342-348 IF<br>mine in places   |          |                  | 308-310 } no core<br>331.5-317 } recovery<br>326-328<br>325-325<br>336-32.5<br>343-348<br>348-350<br>350-352 |

Drill Hole No. 65 Claim No. \_\_\_\_\_

Location Jenavine \_\_\_\_\_

Coordinates \_\_\_\_\_ Ref. to S.L. # 3

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

Depth \_\_\_\_\_ Angle 45°

Date Start \_\_\_\_\_ Finish \_\_\_\_\_

Casing 10' Date of Report Sep. 18/56

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Sheet No. 2 of \_\_\_\_\_

Drilled By Byles Be...

Type DW # 2

Hole Size BX

Analyzed By \_\_\_\_\_

Classified By F. L. G. ...

Stored 16 D

| DATE        | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS     |
|-------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|----------------------|
|             |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |                      |
|             |                       |           |                    | 21.4           | 355   | 381   | qtz muscovite schist  |          |                  |                      |
| 381-413     | 80°                   |           |                    |                |       |       | Iron Encrustation 1' thickness  |          |                  |                      |
| 423-430     | 60-70°                |           |                    |                |       |       | 357, 359, 361, 368, 371, 373, 375, 378  |          |                  |                      |
| 445.5-449.5 | 75°                   |           |                    | 60.0           | 391   | 413   | Iron Encrustation<br>stringers and masses of Fe <sub>2</sub> O <sub>3</sub><br>schist 382-385<br>qtz schist 386-387<br>pitted 388<br>spotted silicates and Fe <sub>2</sub> O <sub>3</sub> |          |                  | 381-413 26 25 1/2 Fe |
|             |                       |           |                    | 9.8            | 413   | 423   | qtz rock - muscovite towards each end.  |          |                  |                      |
|             |                       |           |                    | 16.8           | 423   | 430   | quartz muscovite schist   |          |                  |                      |
|             |                       |           |                    | 14.6           | 430   | 445.5 | qtz rock  |          |                  |                      |
| 19/9/56     |                       |           |                    | 4.0            | 445.5 | 449.5 | qtz muscovite schist.   |          |                  |                      |
|             |                       |           |                    | 1.1            | 449.5 | 451   | qtz. rock - some muscovite bands. Qtz. with disseminated Fe <sub>2</sub> O <sub>3</sub> . 5% Fe.  |          |                  |                      |



Drill Hole 65 Claim No. \_\_\_\_\_  
 Location Tennant Lake  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. \_\_\_\_\_ Direction \_\_\_\_\_  
 Depth \_\_\_\_\_ Angle 45°  
 Date Start \_\_\_\_\_ Finish \_\_\_\_\_  
 Casing 14' Date of Report Sept 19/56

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16D

3  
 Sheet No. 2 of \_\_\_\_\_  
 Drilled By Bayliss Bros  
 Type D.P. No. 2  
 Hole Size 3 1/2"  
 Analyzed By \_\_\_\_\_  
 Classified By E.D. Black  
 Stored 16D

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet<br>Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS |
|------|-----------------------|-----------|--------------------|------------------------|-------|-------|---|----------|------------------|------------------|
|      |                       |           |                    |                        | From  | To    |   | Fe       | SiO <sub>2</sub> |                  |
|      |                       |           |                    | 10                     | 451   | 461.5 | Iron Formation. 20% Fe<br>Fe <sub>2</sub> O <sub>3</sub> stringers<br>Qtz. veins at 457.5<br>Fe 25% 434.5 - 438.8<br>Magnetite bands 454.5<br>451 - 457 |          |                  |                  |
|      |                       |           |                    | 15                     | 461.5 | 463   | Qtz rock with stringers<br>& disseminated sp. 10% Fe<br>Muscov. schist 461.5 - 462  |          |                  |                  |
|      |                       |           |                    | 6                      | 463   | 469   | Lean I.F. Fe 25%<br>Muscov. bands 459.2 - 459.6<br>no Pyrite  |          |                  |                  |
|      |                       |           |                    | 6                      | 469   | 475   | I.F.<br>Coarse - fine grained<br>banded I.F. Fe 30% - 25%   |          |                  |                  |
|      |                       |           |                    | 23.6                   | 475   | 498.8 | I.F.<br>Med-fine grained banded<br>qtz iron form. Fe 20-25%<br>Qtz rock (5% Fe) 481.2 - 477.9<br>Some broad Qtz. bands - 477.5<br>+ 485.6 - 496.2       |          |                  |                  |
|      |                       |           |                    | 1.8                    | 498.8 | 500   | Lean I.F. Fe 10%<br>Trace arsenic impurities.   |          |                  |                  |

Drill Hole 65 Claim No. #7-62051  
 Location Jeanine Lake  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. 3149.15 Direction South  
 Depth \_\_\_\_\_ Angle 45°  
 Date Start Sept. 11/56 Finish Sept. 19/56  
 Casing 10' Date of Report 12/4/56

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 167

Sheet No. 4 of \_\_\_\_\_  
 Drilled By Boyle's Bros  
 Type D. D. Hand  
 Hole Size 31  
 Analyzed By \_\_\_\_\_  
 Classified By E. D. Black  
 Stored 167

| DATE    | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet<br>Inches of Core | DEPTH  |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|---------|-----------------------|-----------|--------------------|------------------------|--------|-------|--|----------|------------------|--|
|         |                       |           |                    |                        | From   | To    |  | Fe       | SiO <sub>2</sub> |  |
| 12/4/56 |                       |           |                    | 0.2                    | 500    | 502   | Lean I.F. Fe 15%   |          |                  |  |
|         |                       |           |                    |                        |        |       | Vuggy with green impurities and some rust. Pyroxene Fe <sub>2</sub> O <sub>4</sub> |          |                  |  |
|         |                       |           |                    | 13.6                   | 500.2  | 514   | I.F. Fe 25-30%   |          |                  |  |
|         |                       |           |                    |                        |        |       | Bands & stringers of Fe <sub>2</sub> O <sub>3</sub>                                |          |                  |  |
|         |                       |           |                    | 1.8                    | 514    | 516   | I.F. - lean 15% stringers of Fe <sub>2</sub> O <sub>3</sub>                        |          |                  |  |
|         |                       |           |                    | 7.1                    | 516    | 523.2 | Lean I.F. 15%  |          |                  |  |
|         |                       |           |                    |                        |        |       | Green impurities & stringers of Fe <sub>2</sub> O <sub>4</sub>                     |          |                  |  |
|         |                       |           |                    |                        |        |       | Green mica - 521.6   |          |                  |  |
|         |                       |           |                    | 3.4                    | 523.25 | 526.6 | I.F. Fe 20-30%   |          |                  |  |
|         |                       |           |                    |                        |        |       | Green impurities. Occasional stringers of Fe <sub>2</sub> O <sub>4</sub>           |          |                  |  |
|         |                       |           |                    | 22.6                   | 526.6  | 551   | I.F. Fe 20-30%   |          |                  | 531.6 - 531.8 Lean I.F. - 10%                            |
|         |                       |           |                    |                        | 531    | 530   | Old rock with some Fe <sub>2</sub> O <sub>3</sub> stringers. Fe 15%                |          |                  | Fe <sub>2</sub> O <sub>4</sub> stringers at 546 & 548.9. |
|         |                       |           |                    |                        |        |       | Bands of mica schist.  |          |                  | Rust at 552.4 & 600.5.                                   |
|         |                       |           |                    |                        | 530    | 531.1 | Schistad Old rock bearing much mica-bands.   |          |                  | 660.5 - garnet.  |
|         |                       |           |                    | 14.1                   | 531.1  | 575   | Lean I.F. Fe 20%   |          |                  | Mica schist at 604.8 & 665.9.                            |
|         |                       |           |                    |                        |        |       | Fe <sub>2</sub> O <sub>3</sub> in stringers and bands. Bands coarse grained.       |          |                  | Some gtz. band 1/2" thick.                               |

Drill Hole 65 Claim No. \_\_\_\_\_  
 Location \_\_\_\_\_  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. \_\_\_\_\_ Direction \_\_\_\_\_  
 Depth \_\_\_\_\_ Angle 45°  
 Date Start \_\_\_\_\_ Finish \_\_\_\_\_  
 Casing 10' Date of Report 2/18/66

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 167

Sheet No. 5 of \_\_\_\_\_  
 Drilled By Jay's Rock  
 Type DD #2  
 Hole Size 82  
 Analyzed By \_\_\_\_\_  
 Classified By E.D. Black  
 Stored LAD

| DATE          | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH        |            | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|---------------|-----------------------|-----------|--------------------|----------------|--------------|------------|--|----------|------------------|--|
|               |                       |           |                    |                | From         | To         |  | Fe       | SiO <sub>2</sub> |  |
| <u>2/6/66</u> |                       |           | <u>75°</u>         | <u>18.2</u>    | <u>97.5</u>  | <u>126</u> | <u>I.F. Fe 25-30%</u><br><u>Frag in stringers and bands. Green schistose bands 577.2'-577.5'</u><br><u>Some coarse grained Fe<sub>2</sub>O<sub>3</sub> bands.</u><br><u>Green impurities 61'-62.5'</u> |          |                  | <u>No Core: 575'-76'</u><br><u>585-85.4'</u><br><u>Lean Bands: 600-600</u><br><u>(15%) 611-613'</u><br><u>625-627.</u> |
|               |                       |           | <u>65°</u>         | <u>2.0</u>     | <u>125</u>   | <u>127</u> | <u>Lean I.F. 20%</u><br><u>Shows some red discoloration in pt.</u>   |          |                  |  |
|               |                       |           | <u>65°</u>         | <u>8.3</u>     | <u>125</u>   | <u>134</u> | <u>I.F. 25-30%</u><br><u>Bands and stringers of Spec.</u>  |          |                  | <u>No Core: 629.0-630</u><br><u>634.6-635</u>  |
|               |                       |           | <u>65°</u>         | <u>32.6</u>    | <u>135.4</u> | <u>168</u> | <u>Qtz Rk. 5% + less</u><br><u>Rust &amp; disseminated spec.</u><br><u>636.8-637.2 band 10% Fe<sub>2</sub>O<sub>3</sub></u><br><u>Fe<sub>2</sub>O<sub>3</sub> patches 650.1'</u>                       |          |                  | <u>No Core: 640.5-642.7</u><br><u>Rust Band 661.5'</u><br><u>Mica Bands 660.2'</u>                                     |
|               |                       |           | <u>70°</u>         | <u>17.0</u>    | <u>146</u>   | <u>163</u> | <u>Schistified Qtz Rk. bearing muscovite bands and a few Fe<sub>2</sub>O<sub>3</sub> stringers.</u>  |          |                  | <u>660.4'</u><br><u>662'</u><br><u>667.5'</u>  |
|               |                       |           | <u>65°</u>         | <u>19.5</u>    | <u>163</u>   | <u>183</u> | <u>Qtz Rk. with a few musc. inclusions and fine crystals of Spec. scattered.</u><br><u>Fe<sub>2</sub>O<sub>3</sub> band 649.</u>   |          |                  | <u>No Core 690.5'-691'</u>   |



65  
 Drill Hole No. 68 Claim No. # 2-62051  
 Location Ironias Lake  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. 9149.15 Direction South  
 Depth \_\_\_\_\_ Angle 45°  
 Date Start Sept. 11/56 Finish Sept. 19/56  
 Casing 10' Date of Report 2/21/57

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 16D.

6  
 Sheet No. 2 of \_\_\_\_\_  
 Drilled By Boyle's Bros.  
 Type PP #2  
 Hole Size 2 1/2"  
 Analyzed By \_\_\_\_\_  
 Classified By E.D. Black  
 Stored 16D.

| DATE          | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet of Core | DEPTH |     | CLASSIFICATION                  | ANALYSES |                  | DRILLING REMARKS        |
|---------------|-----------------------|-----------|--------------------|--------------|-------|-----|---------------------------------|----------|------------------|-------------------------|
|               |                       |           |                    |              | From  | To  |                                 | Fe       | SiO <sub>2</sub> |                         |
| 22/4/56       |                       |           | 65°                | 7.0          | 702   | 705 | Qtz. mass schist                |          |                  |                         |
|               |                       |           |                    | 3.0          | 705   | 710 | Qtz RK. 5% Fe.                  |          |                  |                         |
|               |                       |           |                    |              |       |     | Mag. band at 711'               |          |                  |                         |
|               |                       |           | 65°                | 2.0          | 715   | 717 | Shallow Qtz RK.                 |          |                  | No core - 720.5 - 725.5 |
|               |                       |           |                    | 0.5          | 725   | 729 | Thin I.F. 15% Bands of Sp.      |          |                  |                         |
|               |                       |           |                    |              |       |     | in glz                          |          |                  |                         |
|               |                       |           | 60°                | 1.0          | 729   | 735 | I.F. 25-30% Fe                  |          |                  |                         |
|               |                       |           | 10°                | 16.0         | 725   | 741 | I.F. 20% Fe                     |          |                  |                         |
|               |                       |           | 15°                | 53.0         | 744   | 797 | I.F. 15-20% Fe                  |          |                  | Lean band - 771' - 774' |
|               |                       |           |                    |              |       |     | Much leucising 750' - 755'      |          |                  | 5%                      |
|               |                       |           |                    |              |       |     | Coarse grained bands. Stringers |          |                  |                         |
|               |                       |           |                    |              |       |     | + bands much circulated.        |          |                  |                         |
| Party Record: |                       |           |                    |              |       |     |                                 |          |                  |                         |
| Sept. 11      | 94'                   |           |                    |              |       |     |                                 |          |                  |                         |
| 12            | 103'                  |           |                    |              |       |     |                                 |          |                  |                         |
| 13            | 117'                  |           |                    |              |       |     |                                 |          |                  |                         |
| 14            | 89'                   |           |                    |              |       |     |                                 |          |                  |                         |
| 15            | 27'                   |           |                    |              |       |     |                                 |          |                  |                         |
| 16            | 90'                   |           |                    |              |       |     |                                 |          |                  |                         |
| 17            | 80'                   |           |                    |              |       |     |                                 |          |                  |                         |
| 18            | 79'                   |           |                    |              |       |     |                                 |          |                  |                         |
| 19            | 72'                   |           |                    |              |       |     |                                 |          |                  |                         |
|               |                       |           |                    |              |       |     | Percentage Recovery             | 90.1%    |                  |                         |

Drill Hole No. 6 Claim No. 1-62050  
 Location Teannine Lake  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. 2297.00 Direction South  
 Depth 442 Angle 45°  
 Date Start 11/9/56 Finish 2/24/57  
 Casing 30' Date of Report 2/24/57

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 P.

Sheet No. 1 of \_\_\_\_\_  
 Drilled By Byles Bros  
 Type P.D.  
 Hole Size 3 1/2"  
 Analyzed By \_\_\_\_\_  
 Classified By E. D. Black  
 Stored 16 P.

| DATE   | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet of Core | DEPTH |     | CLASSIFICATION                             | ANALYSES |                  | DRILLING REMARKS                  |
|--------|-----------------------|-----------|--------------------|--------------|-------|-----|--|----------|------------------|-----------------------------------|
|        |                       |           |                    |              | From  | To  |  | Fe       | SiO <sub>2</sub> |                                   |
| 2/2/56 |                       |           | 60'                | 11.6         | 320.8 |     | Stk dk. 5 1/2 Fe. spec                     |          |                  | <del>Stk dk. 5 1/2 Fe. spec</del> |
|        |                       |           | 70'                | 60.50        | 380   |     | Stk dk. 5 1/2 Fe. spec                     |          |                  |                                   |
|        |                       |           | 75'                | 65.50        | 445   |     | Mus. - gte. schist                         |          |                  |                                   |
|        |                       |           | 75'                | 79.50        | 445   |     | Stk dk. 5 1/2 Fe. spec                     |          |                  |                                   |
|        |                       |           | 70'                | 112.00       | 444   |     | Mus. - gte. schist                         |          |                  |                                   |
|        |                       |           | 70'                | 150.00       | 444   |     | Stk dk. 5 1/2 Fe. spec                     |          |                  |                                   |
|        |                       |           | 70'                | 150.00       | 444   |     | Stk dk. 5 1/2 Fe. spec                     |          |                  |                                   |
|        |                       |           | 55'                | 31.6         | 131.4 | 141 | Lean mud (15%) 137'-138.5'                 |          |                  |                                   |
|        |                       |           | 55'                | 168          | -     | -   | I.F. 25-30% Fe. Banded specularite         |          |                  |                                   |
|        |                       |           |                    |              |       |     | Stk band (2") 198'                         |          |                  |                                   |
|        |                       |           |                    |              |       |     | 200, feldspar, chlorite pyromatite         |          |                  |                                   |
|        |                       |           |                    |              |       |     | 201.5' - 202.5'                            |          |                  |                                   |
|        |                       |           |                    |              |       |     | Stk bands 208'                             |          |                  |                                   |
|        |                       |           |                    |              |       |     | 218.5'                                     |          |                  |                                   |
|        |                       |           |                    |              |       |     | 217.5'                                     |          |                  |                                   |
|        |                       |           |                    |              |       |     | 229 - 230.5 accumulated spec               |          |                  |                                   |
|        |                       |           |                    |              |       |     | 232 - 232.3 heavy feldspar with gte & spec |          |                  |                                   |

Drill Hole No. 66 Claim No. 71-62050  
 Location Tranmere Lake  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. 3249.77 Direction South  
 Depth \_\_\_\_\_ Angle 45°  
 Date Start 10/9/56 Finish 2/9/56  
 Casing 20' Date of Report 2/24/56

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16D

Sheet No. 2 of \_\_\_\_\_  
 Drilled By BOWLES Bros.  
 Type P.D.C.  
 Hole Size AK  
 Analyzed By \_\_\_\_\_  
 Classified By E.D. Black  
 Stored 16D

| DATE   | L of Hole From Horiz. | Hole Size | L of Bed From Axis | L of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|--------|-----------------------|-----------|--------------------|-----------|-------|-------|---|----------|------------------|-------------------|
|        |                       |           |                    |           | From  | To    |   | Fe       | SiO <sub>2</sub> |                   |
| 2/9/56 |                       |           |                    | 9.5       | 16.5  | 26.5  | I.F. 25-26% Fe<br>Crumbly ore 238.7-246.5<br>246.7-255<br>257.6-258.3   |          |                  |                   |
|        |                       |           | 50°                | 3.8       | 26.5  | 29.3  | Gr. BK containing 1% Fe <sub>2</sub> O <sub>3</sub><br>and some pink feldspar.                                    |          |                  |                   |
|        |                       |           |                    | 7.0       | 27.3  | 278   | Musc. g'te schist   |          |                  |                   |
|        |                       |           |                    | 12.0      | 278   | 276   | Gr. BK 5% Fe values   |          |                  |                   |
|        |                       |           |                    | 2.0       | 296   | 293   | schist g'te rock containing<br>mass.  |          |                  |                   |
|        |                       |           | 50°                | 6.5       | 293   | 299.5 | Musc. g'te schist.  |          |                  |                   |
|        |                       |           |                    | 1.0       | 299.5 | 300.5 | Gr. ch. - 5% Fe.  |          |                  |                   |
|        |                       |           | 60°                | 19.5      | 300.5 | 320   | I.F. 28-30% Fe.<br>Rust at 314'<br>315.3'<br>Green impurities 322.8'.<br>Granulated spec. stringers<br>and bands. |          |                  |                   |
|        |                       |           | 60°                | 35.0      | 320   | 375   | I.F. 20-25% Fe.<br>Crumbly ore 362'-363'<br>Qtz. band (2") 347'-377.3'  |          |                  | No Core - 364-365 |
|        |                       |           | 55°                | 37.5      | 375   | 378.5 | Lean I.F. 15% Fe.<br>Qtz. bk. 396.5-397'  |          |                  |                   |



Drill Hole No. 66 Claim No. #1-62050

Oliver Iron Mining Division

Sheet No. 2 of           

Location Jeannine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Boyle's Bros.

Coordinates            Ref. to           

Type           

Collar Elev. 3243.77 Direction South

AREA 16 D.

Hole Size AX

Depth            Angle 45°

Analyzed By           

Date Start 11/9/56 Finish 20/9/56

Classified By E.D. Bacht

Casing 20' Date of Report 22/9/56

Stored 16 D

| DATE                | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Number of Core | DEPTH        |              | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS |
|---------------------|-----------------------|-----------|--------------------|----------------|--------------|--------------|---|----------|------------------|------------------|
|                     |                       |           |                    |                | From         | To           |   | Fe       | SiO <sub>2</sub> |                  |
| <u>22/9/56</u>      |                       |           |                    | <u>3.0</u>     | <u>3288</u>  | <u>3165</u>  | <u>I.F. 20% Fe. Crumulated stringers and bands of spec.</u>   |          |                  |                  |
|                     |                       |           |                    | <u>2.5</u>     | <u>3115</u>  | <u>309</u>   | <u>Qtz. ch. with mica-qtz schist from 303-384.</u>            |          |                  |                  |
|                     |                       |           | <u>45°</u>         | <u>1.1</u>     | <u>304</u>   | <u>305</u>   | <u>I.F. 25% Fe. Crumulated spec. stringers.</u>               |          |                  |                  |
|                     |                       |           |                    | <u>5.4</u>     | <u>3051</u>  | <u>3008</u>  | <u>Qtz rock with some musc. bands</u>                         |          |                  |                  |
|                     |                       |           |                    | <u>2.6</u>     | <u>3105</u>  | <u>3121</u>  | <u>Little or no spec. Qtz. ch. 5% Fe.</u>                     |          |                  |                  |
| <u>Daily Record</u> |                       |           |                    | <u>0.7</u>     | <u>3131</u>  | <u>3128</u>  | <u>Musc.-qtz schist.</u>                                      |          |                  |                  |
| <u>Sept. 14/56.</u> | <u>10'</u>            |           | <u>55°</u>         | <u>2.6</u>     | <u>3135</u>  | <u>423</u>   | <u>Qtz. ch. 5% - 10% dissem. &amp; stringers of spec.</u>     |          |                  |                  |
| <u>17/56.</u>       | <u>117'</u>           |           |                    |                |              |              | <u>Some musc. stringers from 414.7' to 415'.</u>              |          |                  |                  |
| <u>18/56.</u>       | <u>145'</u>           |           |                    |                |              |              |   |          |                  |                  |
| <u>19/56.</u>       | <u>156'</u>           |           |                    |                |              |              |   |          |                  |                  |
| <u>20/56</u>        | <u>26'</u>            |           | <u>60°</u>         | <u>9.4</u>     | <u>426.2</u> | <u>429.6</u> | <u>Mottled pale green and white carbonates (Marble)</u>       |          |                  |                  |
| <u>T.</u>           | <u>442'</u>           |           |                    |                |              |              | <u>Spicularite seam at 422.8'</u>                             |          |                  |                  |
|                     |                       |           |                    |                |              |              | <u>Qtz seam (1/2") at 421.5'</u>                              |          |                  |                  |
|                     |                       |           |                    |                |              |              | <u>Spicularite seam at 422.4'</u>                             |          |                  |                  |
|                     |                       |           | <u>60°</u>         | <u>12.4</u>    | <u>429.6</u> | <u>442</u>   | <u>Qtz. ch. 5% Fe. Dissem. spec. Musc. seams - scattered.</u> |          |                  |                  |
|                     |                       |           |                    |                |              |              | <u>% Recovery - 90.3%</u>                                     |          |                  |                  |
|                     |                       |           |                    |                |              |              | <u>Dip test - 250' - 47°</u>                                  |          |                  |                  |
|                     |                       |           |                    |                |              |              | <u>- 440' - 45°</u>   |          |                  |                  |

Drill Hole No. 67 Claim No. 62051-02

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 1 SHEET

Location Terrace mine

Drilled By Boyer Bros

EXPLORATION DRILL HOLE DATA SHEET

Coordinates 12805 Ref. to A. 43

Type Q.U. # 2

Collar Elev. 3254.12 Direction \_\_\_\_\_

AREA 16 ft.

Hole Size HX

Depth 88' Angle 30°

Analyzed By \_\_\_\_\_

Date Start \_\_\_\_\_ Finish \_\_\_\_\_

Classified By Whangwee

Casing 5' Date of Report Sept 15/50.

Stored 16 ft.

| DATE        | L of Hole From Horiz. | Hole Size | L of Bed From Axis | L of Core | DEPTH |    | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS                               |
|-------------|-----------------------|-----------|--------------------|-----------|-------|----|--|----------|------------------|--|
|             |                       |           |                    |           | From  | To |  | Fe       | SiO <sub>2</sub> |  |
|             |                       |           |                    | 43.2      | 5     | 50 | Iron Formation.  |          |                  |  |
| CREN 5'-49' | Trend                 |           | 30°                |           |       |    | mass & stringers of Fe <sub>2</sub> O <sub>3</sub> with occasional banding.  |          |                  | 5'-50' 20-25% Fe                               |
| 49'-50'     | 40°                   |           |                    |           |       |    |  |          |                  | Core pitted from 84.5' - 87' - heavily at 86'. |
|             |                       |           |                    | 36.2      | 50    | 88 | Quartz Rock.   |          |                  |  |
|             |                       |           |                    |           |       |    | Occasional stringers of Fe <sub>2</sub> O <sub>3</sub> and some of Muscovite. Spotted Fe <sub>2</sub> O <sub>3</sub> at 83.5'. |          |                  | No Core Necessary from 87' - 88'.              |
|             |                       |           |                    |           |       |    | END OF HOLE  |          |                  | No dip test taken                              |

Drill Hole No. 67 Claim No. 6257-CL2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 1 sheet

Location Tanana Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Bayless Bros.

Coordinates 235104 Ref. to B.L.#3

Type DD #1

Collar Elev. 3313.88 Direction \_\_\_\_\_

AREA 16 D.

Hole Size AX

Depth 150' Angle 90°

Analyzed By \_\_\_\_\_

Date Start \_\_\_\_\_ Finish Sept 6/56

Classified By P.W. Green

Casing 5' Date of Report Sept 7/56

Stored 16D

| DATE          | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Structure of Core | DEPTH |         | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|---------------|-----------------------|-----------|--------------------|-------------------|-------|---------|--|----------|------------------|---|
|               |                       |           |                    |                   | From  | To      |  | Fe       | SiO <sub>2</sub> |   |
|               |                       |           |                    |                   |       |         |  |          |                  |   |
|               |                       |           |                    |                   | 112.0 | 5-120   | Iron Formation, crystalline - dense unoxidized stringers core zones of Fe <sub>2</sub> O <sub>3</sub> .<br>70-71 qtz dyke<br>disseminated muscovite in places.<br>115'-116' muscovite & qtz. |          |                  | 5-50 35-40% Fe<br>50-60 30-35% Fe<br>60-75 25-30% Fe<br>75-120' 20-25% Fe                                   |
|               |                       |           |                    |                   |       |         | seams and occasional bands of Fe <sub>2</sub> O <sub>3</sub> from 95' to 120' interrupted by scattered crystallizations which trend about 0°-10° and have axial plane of about 70°-80°       |          |                  |   |
| Daily Summary |                       |           |                    |                   |       |         |  |          |                  |   |
| Sept 2-24     |                       |           |                    |                   |       |         |  |          |                  |   |
| 3-36          |                       |           |                    |                   |       |         |  |          |                  |   |
| 4-31          |                       |           |                    |                   |       |         |  |          |                  |   |
| 5-36          |                       |           |                    |                   | 13.6' | 120-150 | qtz rock - finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.<br>scattered muscovite.  |          |                  | no core recovery.<br>127.5-128.5<br>130-132.0<br>134-136.0<br>136-139.5<br>140-141.5<br>143-147<br>148-150. |
| 6-23          |                       |           | 40°                |                   |       |         | 97.3% recovery in Fe <sub>2</sub> O <sub>3</sub>   |          |                  |   |



Drill Hole No. 70 Claim No. #2-62051

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of       

Location JEANNINE LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYLES BROS.

Coordinates        Ref. to       

Type DDM2

Collar Elev. 3207.28 Direction Vert.

AREA 16 D

Hole Size AX

Depth 636 Angle 90°

Analyzed By       

Date Start 11/4/56 Finish 22/9/56

Classified By YKALNINS

Casing 2 1/2" Date of Report SEPT 18/56

Stored 16 D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
|      |                       |           | 50                 | 28             | 10    | 91    | QZ. ROCK -<br>FLAKES OF FeO,<br>DISSEMINATED THROUGHOUT.<br>SEAMS OF FeO, PRESENT<br>75-91'.<br>SOME MUSCOVITE<br>PRESENT. |          |                  | NO CORE: 41.5-43<br>44-45, 47.5-50, 51.5-<br>52.5, 54-55, 62.2-63.7,<br>67-68, 69-70, 70.5-<br>72, 73.5-75, 81-82.5,<br>85-87.3'              |
|      |                       |           | 50'                | 20             | 91    | 113.6 | MUSCOVITE SCHIST -<br>QZ. SOME FeO,<br>SEAMS + MINOR<br>TOURMALINE PRESENT.<br>ALSO FEW BANDS OF<br>FeO.                   |          |                  | NO CORE:<br>93.5-95'.   |
|      |                       |           | 55'                | 30             | 113.5 | 160   | i.F. Fe - 28%<br>SEAMS + FEW BANDS<br>OF FeO; MINOR<br>SPOTTED FeO, PRESENT.   |          |                  | NO CORE: 116.5-117.9,<br>118.6-120, 122-123.9,<br>126.7-127.3, 131.5-132.7,<br>136-138.7, 143-145,<br>142-149.7.<br>Fe RUST AT:<br>157 + 119' |

Drill Hole # 70 Claim No. 2-62051  
 Location JEANNINE LAKE  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. 3892.28 Direction N60°E  
 Depth \_\_\_\_\_ Angle 90°  
 Date Start 11/1/56 Finish 22/3/56  
 Casing 4" 225' Date of Report SEPT 18/56

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. 2 of \_\_\_\_\_  
 Drilled By ROYLES BROS.  
 Type DDM 3  
 Hole Size AX  
 Analyzed By \_\_\_\_\_  
 Classified By V. KALNINS  
 Stored 16 D

| DATE           | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|----------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|                |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|                |                       |           | 55°                | 27             | 160   | 194.5 | QTZ. ROCK -<br>SOME BEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>PRESENT. FLAKES OF<br>Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED<br>THROUGHOUT.   |          |                  | NO CORE!<br>176.8-179.3 182.3-<br>183.5, 185.8-187.7'   |
|                |                       |           | 55°                | 6.5            | 194.5 | 203   | MUSCOVITE SCHIST -<br>WITH MUCH QTZ.  |          |                  | NO CORE! 196-197.5<br>QTZ. ROCK! <del>197</del> 201-203   |
| <u>22/1/56</u> |                       |           | 55°                | 8.5            | 203   | 214.3 | i.F. 25% Fe. Stringers<br>and bands of spec.<br>Rust spots: 206'-208.7'   |          |                  | No Core: 203.7-205<br>205.4-207   |
|                |                       |           | 65°                | 6.0            | 214   | 222   | Qtz ck. Dissem. spec. + spec.<br>stringers. 5-10% Fe.   |          |                  | No Core: 217.5-219.5  |
|                |                       |           | 60°                |                | 222   | -     | I.F. 25% - 30% Fe. Spec. stringers.<br>Lean bands (20%) 224'-229'<br>227'-228'<br>Green silicates: 271.4'-277.7'<br>(20-25% Fe) 276.3'-279.8'<br>Mostly stringers and bands<br>of spec.<br>Qtz. bands (2") at 300' + 312.5' |          |                  | No Core: 234.3-236<br>No Core: 250.7-251.3'<br>252.5'-254.5'<br>254.8'-257.2'<br>266.5'-267'<br>273.8'-275.7'<br>280.7-281.9'<br>282.3-283.4'<br>284-285.6'<br>287.6-300' |

Drill Hole 70 Claim No. #2-62051

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 2

Location Janniac Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Bayle's Bros

Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_

Type P.D.#2

Collar Elev. 3207.28 Direction Vert

AREA 16D

Hole Size AX

Depth \_\_\_\_\_ Angle 90°

Analyzed By \_\_\_\_\_

Date Start 14<sup>th</sup>/9/56 Finish 22/9/56

Classified By E.D. Black

Casing 286' Date of Report 5/12/56

Stored 16D

| DATE        | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION                        | ANALYSES |                  | DRILLING REMARKS         |
|-------------|-----------------------|-----------|--------------------|----------------|-------|-------|---------------------------------------|----------|------------------|--------------------------|
|             |                       |           |                    |                | From  | To    |                                       | Fe       | SiO <sub>2</sub> |                          |
| Sept. 22/56 |                       |           | 60°                | 72.2           | 222   | 206.1 | I.F. 25% - 30% Fe.                    |          |                  | No core: 314.5' - 316'   |
|             |                       |           | 55°                | 1.6            | 206.1 | 208.9 | Mica gra. schist                      |          |                  | No core: 316.9' - 317.4' |
|             |                       |           | 50°                | 7.4            | 208.9 | 216.3 | I.F. 30% Fe.                          |          |                  | No core: 317.4' - 325'   |
|             |                       |           |                    |                |       |       | Mica schist bands at 327'             |          |                  | 354 - 355'               |
|             |                       |           |                    |                |       |       | 324.8'                                |          |                  | 356 - 357.7'             |
|             |                       |           |                    |                |       |       | 323.2'                                |          |                  | 360 - 361.9'             |
|             |                       |           |                    |                |       |       | Lean I.F.'s 15% - 334' - 338.5'       |          |                  | 364 - 364.6'             |
|             |                       |           |                    |                |       |       | 351' - 352.2'                         |          |                  | 370.7' - 372.2'          |
|             |                       |           |                    |                |       |       | 359' - 372.4'                         |          |                  | 377.5' - 378'            |
|             |                       |           |                    |                |       |       | Qtz. band: 376.3 - 376.8'             |          |                  | 383.8' - 385'            |
|             |                       |           | 55°                | 23.2           | 372.4 | 423   | Qtz. Rk. Dixon. spec. 5% + less Fe.   |          |                  | 385.4' - 386.9'          |
|             |                       |           |                    |                |       |       |                                       |          |                  | 393.2 - 395              |
|             |                       |           | 50°                | 32.6           | 423   | 460   | Qtz - mica schist & schisted Qtz. Rk. |          |                  | 400' - 402'              |
|             |                       |           |                    |                |       |       | No core: 430.8 - 433.6                |          |                  | 403' - 406'              |
|             |                       |           |                    |                |       |       | 449.5' - 451.1                        |          |                  | 415.4' - 416'            |
|             |                       |           | 50°                | 26.6           | 460   | 489.7 | Lean I.F. 15% Fe and less             |          |                  | No core: 466.5' - 468.4' |
|             |                       |           |                    |                |       |       | Stringers of platy spec. (schistal)   |          |                  | 470.8' - 472'            |
|             |                       |           |                    |                |       |       | Considerable red coloration           |          |                  |                          |
|             |                       |           |                    |                |       |       | throughout. Fly by found in coarse    |          |                  |                          |
|             |                       |           |                    |                |       |       | gr. bands.                            |          |                  |                          |
|             |                       |           | 55°                |                | 489.7 |       | Qtz. Rk. 10% Fe and less.             |          |                  | No core: 500.2' - 501.2' |
|             |                       |           |                    |                |       |       | Some narrow mica bands: 501' - 520'   |          |                  | 543' - 544'              |
|             |                       |           |                    |                |       |       | 524.5' - 530'                         |          |                  | 545' - 546.5'            |





Drill Hole 71 Claim No. 62051 CL 2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 4

Location IRANKINE LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYES BROS.

Coordinates 41° 41' 33" N 114° 13' 33" W Ref. to BL #3

Type DDH 2

Collar Elev. 2249.3 Direction \_\_\_\_\_

AREA 16 D

Hole Size AA

Depth 718 Angle 40°

Analyzed By \_\_\_\_\_

Date Start Aug 24 Finish Sept 2

Classified By V. KALNINS

Casing 13' Date of Report AUGUST 28/56

Stored 16 D

PT

| DATE                  | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|-----------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|                       |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|                       |                       |           | 55°                | 60.8           | 13    | 85    | QTZ. ROCK -<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub><br>DISSEMINATED THROUGHOUT.   |          |                  | NO CORE: 73-75.5,<br>76-84.   |
| Daily Summary         |                       |           |                    |                |       |       |   |          |                  |   |
| Aug 24 & 25 Setup     |                       |           |                    |                |       |       | VERY RARE BEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>SOME MUSCOVITE BEAMS   |          |                  |   |
| 26 - 131'             |                       |           |                    |                |       |       | 64-85'  |          |                  |   |
| 27 - 47'              |                       |           |                    |                |       |       |   |          |                  |   |
| 28 - 48'              |                       |           |                    |                |       |       |   |          |                  |   |
| 29 - 105'             |                       |           | 55°                | 5              | 85    | 109.5 | MUSCOVITE SCHIST -<br>WITH SOME QTZ.  |          |                  | NO CORE: 86.2-88;<br>89-91, 93-94, 94.5-98,<br>93.8-101.7; 103-103.5' |
| 30 - 24'              |                       |           |                    |                |       |       |   |          |                  |   |
| 31 - 79'              |                       |           |                    |                |       |       |   |          |                  |   |
| Sept 1 - 54'          |                       |           |                    |                |       |       |   |          |                  |   |
| 2 - 23'               |                       |           | 55°                | 36             | 103.5 | 147.5 | I.F. - Fe 30%<br>SEAMS - INFREQUENT<br>BANDS OF Fe <sub>2</sub> O <sub>3</sub> SPOTTED<br>Fe <sub>2</sub> O <sub>3</sub> PRESENT.   |          |                  |   |
| 3 - 35'               |                       |           |                    |                |       |       |   |          |                  |   |
| 4 - 52'               |                       |           |                    |                |       |       |   |          |                  |   |
| 5 - Mastopped at 718' |                       |           |                    |                |       |       |   |          |                  |   |
|                       |                       |           | 50°                | 46.6           | 147.5 | 198   | QTZ ROCK -<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub><br>DISSEMINATED THROUGHOUT.<br>VERY RARE THIN BEAMS<br>OF Fe <sub>2</sub> O <sub>3</sub> .<br>DENSE BEAMS OF<br>MUSCOVITE 191.5-196. |          |                  | NO CORE: 183-184.1;<br>186.5-188.<br><br>Mastopped at 115' - 82°      |

Drill Hole No. 71 Claim No. 2051  
 Location JEANNINE LAKE  
 Coordinates 49° 05' N Ref. to 36.92  
 Collar Elev. 224.93 Direction \_\_\_\_\_  
 Depth 71' Angle 50°  
 Date Start Aug 14 Finish Aug 15  
 Casing 3' Date of Report AUGUST 30/56

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 163

Sheet No. 2 of 4 sheets  
 Drilled By OUTLER BROS.  
 Type RAM  
 Hole Size AX  
 Analyzed By \_\_\_\_\_  
 Classified By Y. KALMANS  
 Stored 163

FT

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|---|
|      |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |   |
|      |                       |           | <del>118</del> 40° | 118            | 198   | 328 | I.F. -<br>SEAMS & BANDS OF Fe <sub>2</sub> O <sub>3</sub><br>Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED<br>THROUGHOUT.<br>QZ: ROCK - 205.5-211.<br>MUSCOVITE SCHIST - 312.5-214.5<br>SOME Fe SILICATES<br>PRESENT 246-328.<br>198-213 - Fe 25%<br>213-228 - Fe 30%<br>238-263 - Fe 35%<br>268-328 - Fe 40% |          |                  | NO CORE: 242.8 -<br>243 263.5 - 264.7.<br>281.9 - 282.3 285.9 -<br>296. 297.5 - 301.7.<br>302 303.6 319.3 - 321.<br>DITTED CORE Fe<br>Fe SILICATES<br>242 - 245<br>Fe RUST AT:<br>210 218 223<br>230'S 301.7. |
|      |                       |           | <del>30</del> 40°  | 11.5           | 328   | 346 | QZ: ROCK -<br>DISSEMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub><br>RARE SEAMS<br>OF Fe <sub>2</sub> O <sub>3</sub>   |          |                  | NO CORE: 331.6<br>333 334.5 - 335.2<br>340.4 - 341.8  |
|      |                       |           | <del>16</del> 40°  | 16             | 346   | 364 | I.F. -<br>SEAMS & OCCASIONAL BAND<br>OF Fe <sub>2</sub> O <sub>3</sub> ; Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED<br>THROUGHOUT.   |          |                  | NO CORE: 360.5 - 362.   |



Drill Hole No. 71 Claim No. 62651 C142

THE CARTIER MINING COMPANY LIMITED

Sheet No. 3 of 4

Location IRANNING LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYLES & CROSS

Coordinates X+00N 4<sup>405</sup> Ref. to RLP 3

Type DD # 2

Collar Elev. 2674.93 Direction \_\_\_\_\_

AREA 16 D

Hole Size AX

Depth 718 Angle 90°

Analyzed By \_\_\_\_\_

Date Start Aug 24 Finish Sept 5

Classified By M. KALNINS

Casing 13' Date of Report SEPTEMBER 1/56

Stored 16 D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |    | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|------|-----------------------|-----------|--------------------|----------------|-------|----|--|----------|------------------|---|
|      |                       |           |                    |                | From  | To |  | Fe       | SiO <sub>2</sub> |   |
|      |                       |           | 33°                | 364            | 425   |    | QTZ. ROCK -<br>DISSEMINATED FLAKES<br>& FEW SEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>MUSCOVITE SEAMS:<br>364-365, 410-425. |          |                  | NO CORE! 374.5-372.2<br>401-402, 408-410<br>418.5-420.2 |
|      |                       |           | 40°                | 425            | 430   |    | MUSCOVITE SCHIST -<br>WITH ABUNDANT QTZ.   |          |                  |   |
|      |                       |           | 45°                | 430            | 438   |    | QTZ. ROCK -<br>WITH SOME SEAMS<br>OF MUSCOVITE.<br>MINOR DISSEMINATED<br>Fe <sub>2</sub> O <sub>3</sub>                      |          |                  | NO CORE!<br>433.8-434.7                                 |
|      |                       |           | 35°                | 438            | 463   |    | I.F. - LEAN<br>THIN SEAMS OF<br>Fe <sub>2</sub> O <sub>3</sub> SOME SPOTTED<br>Fe <sub>3</sub> O <sub>4</sub> PRESENT.       |          |                  | NO CORE! 440.5 -<br>441.6, 446.8, 449,<br>460.2 - 461.3 |

Drill Hole No. 71 Claim No. 42051 U2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 3 of 7 sheets

Location JEANNINE LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOLES BEUS

Coordinates 3070541 Ref. to AL. #3

Type DDH 2

Collar Elev. 3274.73 Direction \_\_\_\_\_

AREA 16-D

Hole Size AX

Depth 718 Angle 90°

Analyzed By \_\_\_\_\_

Date Start Aug 24 Finish Sept 5

Classified By V. KALIVINS

Casing 13' Date of Report SEPT. 3/56

Stored 16-D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS   |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|---|----------|------------------|--|
|      |                       |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |  |
|      |                       |           | <del>40°</del>     | 79             | 463   | 558 | QTZ. ROCK -<br>DISSEMINATED FLAKES<br>+ SOME SEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>OCCASIONAL SPOTTED<br>Fe <sub>3</sub> O <sub>4</sub><br>MUSCOVITE BANDS<br>PRESENT. JOB 510<br>514-534, 552-558.  |          |                  | CRENULATED IN<br>PART. PATTERN<br>INDEFINITE ALTHOUGH<br>AT 521' TREND IS<br>0° AND AXIAL<br>PLANE IS ABOUT 50°.<br>NO CORE: 464-466.2,<br>525-526.5, 527.5-529,<br>531.4-532.5, 534-538,<br>541.5-542.2 |
|      |                       |           | 5°                 | 140            | 558   | 718 | MUSCOVITE SCHIST -<br>WITH SOME QTZ, VERY<br>MINOR ORTHOCLASE<br>ASSOCIATED WITH SOME<br>OF THE QTZ<br>SOME SPOTTINGS OF Fe <sub>2</sub> O <sub>3</sub><br>SPOTS OF Fe <sub>3</sub> O <sub>4</sub> AT 594 |          |                  | CRENULATED TREND<br>10° AXIAL PLANE<br>ABOUT 55°.<br>NO CORE: 573-575.6,<br>579.5-581.8, 623-<br>628, 630.7-634,<br>651-652, 670-670.8.<br>TRACES OF A SEAM?<br>(BREAK IN ROCK)<br>618'-623'.            |
|      |                       |           |                    |                |       |     | 90% CORE RECOVERY IN I.F.   |          |                  |  |

Drill Hole No. 73 Claim No. 62051-01

THE CARTIER MINING COMPANY LIMITED

Location Seavine Lake

EXPLORATION DRILL HOLE DATA SHEET

Coordinates 30°00'W <sup>10°00'S</sup> Ref. to B.C. #3.

AREA 16D.

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

Depth 212 Angle 90°

Date Start Sept 8/56 Finish Sept 12/56

Casing 8' Date of Report Sept 12/56

Sheet No. 1 of 2 sheets

Drilled By Bayliss Bros.

Type RD #1

Hole Size R1

Analyzed By \_\_\_\_\_

Classified By P. W. Green

Stored 16D.

| DATE     | L of Hole From Horiz.                         | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS  |
|----------|---|-----------|--------------------|----------------|-------|-----|---|----------|------------------|---|
|          |   |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |   |
| 0'-12'   | 35°   |           |                    | 3.6            | 8     | 12  | qtz muscovite schist.   |          |                  |   |
| 2'-20'   | crenulated<br>0-10° trend<br>70° axial plane. |           |                    | 2.5            | 12    | 20  | Iron Formation stringers and seams of Fe <sub>2</sub> O <sub>3</sub><br>18-19' pitted & green silicates |          |                  | 12-18 25-30% Fe<br>18-20 10-15% Fe  |
| 0'-35'   | 35°   |           |                    | 9.7            | 20    | 35  | qtz muscovite schist.<br>26-27 yellowish impurities.  |          |                  | no core recovery 22-25'<br>25.5-31.5  |
| 45'-125' | 40°-45°                                       |           |                    | 136            | 35    | 150 | Iron Formation stringers and seams of Fe <sub>2</sub> O <sub>3</sub>                                    |          |                  | 35-48' - 30-35% Fe<br>46-49 20-25% Fe   |
| 25'-150' | 35°   |           |                    |                |       |     | crenulated dunitic which trend 0-10° axial plane 80° 90°<br>pitted 83'-86'                              |          |                  | no core 64.5-65<br>73-75  |
| 70'-165' | 138°  |           |                    |                |       |     | pittings 122 to 138.<br>125-124.8 qtz bands.  |          |                  | 14'-96' 30-35% Fe<br>no core 22.5-65<br>108-108.3   |
|          |   |           |                    |                |       |     | qz core remaining 167-169.5<br>173-174.   |          |                  | 96-103 25-30% Fe<br>core lost 150.4-132.<br>123-130 20-25% Fe<br>130-165' 15-20% Fe<br>165-180' 24 25% Fe |





Drill Hole 74 Claim No. 29633 C/1  
 Location JENNINE LAKE  
 Coordinates 48°00'N 113°55' Ref. to B.C. 173  
 Collar Elev. 3324.21 Direction \_\_\_\_\_  
 Depth 647 Angle 90°  
 Date Start Sept 6/56 Finish Sept 13/56  
 Casing 10" Date of Report SEPT 10/56

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Sheet No. 1 of 3 sheets  
 Drilled By BOYLES BROS  
 Type DD #3  
 Hole Size AX  
 Analyzed By \_\_\_\_\_  
 Classified By V. KALNINS  
 Stored 16 D

| DATE            | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|-----------------|-----------------------|-----------|--------------------|--------------|-------|-----|--|----------|------------------|--|
|                 |                       |           |                    |              | From  | To  |  | Fe       | SiO <sub>2</sub> |  |
|                 |                       |           | 45°                | 37.5         | 10    | 50  | MARBLE -<br>MINOR BANDED GREEN<br>IMPURITIES.  |          |                  | NO CORE: 48-50'.   |
| Daily Summary   |                       |           |                    |              |       |     |  |          |                  |  |
| Sept 6 - Set up |                       |           |                    |              |       |     | FEW BANDS OF QTZ.<br>IMPURITIES 25-50'.  |          |                  |  |
| 7 - 100         |                       |           |                    |              |       |     |  |          |                  |  |
| 8 - 160         |                       |           |                    |              |       |     |  |          |                  |  |
| 9 - 107         |                       |           | 40°                | 21           | 50    | 150 | QTZ. ROCK -<br>DISSEMINATED FLAKES +<br>FEW SEAMS OF Fe <sub>2</sub> O <sub>3</sub> .<br>CONCENTRATION OF Fe <sub>2</sub> O <sub>3</sub><br>SEAMS 136-138'.<br>SOME MUSCOVITE SEAMS<br>PRESENT 50-75'. |          |                  | NO CORE: 83.4-92.<br>147.5-150'.<br>Fe RUST AT 59'.<br>Fe SILICATES<br>PRESENT 50-51'. |
| 10 - 73         |                       |           |                    |              |       |     |  |          |                  |  |
| 11 - 41         |                       |           |                    |              |       |     |  |          |                  |  |
| 12 - 109        |                       |           |                    |              |       |     |  |          |                  |  |
| 13 - 7          |                       |           |                    |              |       |     |  |          |                  |  |
|                 |                       |           | 45°                | 22           | 150   | 175 | 4 MUSCOVITE SCHIST -<br>WITH SOME SPOTTED<br>Fe <sub>3</sub> O <sub>4</sub> . SOME SPOTTED<br>GARNET PRESENT.  |          |                  | MASSIVE Fe <sub>2</sub> O <sub>3</sub> 154.2-<br>154.6'.                               |
|                 |                       |           | 45°                | 34           | 172   | 191 | 3 i.f. - Fe - 25%<br>SEAMS OF Fe <sub>2</sub> O <sub>3</sub> .<br>SPOTTED Fe <sub>3</sub> O <sub>4</sub> PRESENT.  |          |                  | NO CORE: 185-185.8'.<br>187.5-190.7'.<br>Fe RUST AT:<br>180'; 174.203'.                |

Drill Hole 74 Claim No. 24633-U1

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 3 sheets

Location IRANNING LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYLES BROS.

Coordinates 48°00'W 113°55' Ref. to BLP 3

Type DDK 3

Collar Elev. 324.24 Direction \_\_\_\_\_

AREA 16 D

Hole Size AX

Depth 647' Angle 70°

Analyzed By \_\_\_\_\_

Date Start Sept 6/56 Finish Sept 13/56

Classified By V. KALNINS

Casing 10' Date of Report SEPT. 11/56

Stored 16 D

FT.

| DATE    | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS  |
|---------|-----------------------|-----------|--------------------|----------------|-------|-----|--|----------|------------------|---|
|         |                       |           |                    |                | From  | To  |  | Fe       | SiO <sub>2</sub> |   |
|         |                       |           | 45°                | 48"            | 213   | 248 | QTZ. ROCK -<br>DISSEMINATED FLAKES &<br>FEW SEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>SEAMS OF MUSCOVITE<br>231-235'                  |          |                  | NO CORE: 226.8-230<br>Fe RUST AT: 211.5,<br>214.8, 220, 222,<br>224.8. Fe SILICATES<br>← PITTED CORE 223-<br>223.5.                               |
| 248-300 |                       |           | 45°                | 90             | 248   | 340 | IF - Fe 30-35%<br>SEAMS & BANDS OF<br>Fe <sub>2</sub> O <sub>3</sub> MINOR Fe<br>SILICATES & SPOTTED<br>Fe <sub>2</sub> O <sub>4</sub> |          |                  | NO CORE: 315-315.6'.<br>Fe RUST AT 266.5 &<br>270'.<br>PITTED CORE:<br>275-280 & 297.5'.  |
| 300-340 |                       |           | 70°                |                |       |     |  |          |                  |   |
| 340-374 |                       |           | 10°                | 885            | 340   | 440 | QTZ. ROCK -<br>DISSEMINATED FLAKES<br>& FEW SEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>PRESENT.  |          |                  | NO CORE: 346.2-248.4,<br>400-403.7'. MUSE.<br>SCHIST- 376-377.5'.<br>SEAMS OF MUSE. &<br>MINOR SPOTTED Fe <sub>2</sub> O <sub>4</sub><br>425-440. |
| 400-440 |                       |           | 20°                |                |       |     |  |          |                  |   |
|         |                       |           | 10°                | 68             | 440   | 510 | MUSCOVITE SCHIST -<br>WITH MUCH QTZ. MINOR ORTHOCLASE,<br>GARNET, TOURMALINE & Fe <sub>2</sub> O <sub>3</sub>                          |          |                  |   |



Drill Hole No. 74 Claim No. 29633-Q1  
 Location JEANNINE LAKE  
 Coordinates MURKIN #353 Ref. to B.L.#3  
 Collar Elev. 3221 Direction \_\_\_\_\_  
 Depth 647' Angle 90°  
 Date Start Sept 8/56 Finish Sept 13/56  
 Casing 10' Date of Report SEPT. 15/56

THE CARTIER MINING COMPANY LIMITED  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16D

Sheet No. 3 of 3  
 Drilled By BOYLES BROS.  
 Type DDH 2  
 Hole Size AX  
 Analyzed By \_\_\_\_\_  
 Classified By V KALNINS  
 Stored 16D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS                                |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
|      |                       | 10-       | 20°                | 745            | 810   | 590   | I.F. - Fe 35-40% SEAMS + BANDS OF Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED Fe <sub>2</sub> O <sub>3</sub> PRESENT THROUGHOUT. |          |                  | NO CORE! 677.2-580 Fe RUST AT: 612.5, 653, 661. |
|      |                       |           | 20°                | 15             | 550   | 605.5 | MUSCOVITE SCHIST - WITH MUCH QTZ; MINOR TOURMALINE.  |          |                  |   |
|      |                       | 10-       | 20°                | 35             | 605.5 | 647   | QTZ. ROCK - WITH DISSEMINATED FLAKES + SOME SEAMS OF Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |   |
|      |                       |           |                    |                |       |       | 94% CORE RECOVERY IN I.F.  |          |                  |   |

Drill Hole No. 7E Claim No. 29633 C-1

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 2 sheets

Location Tanana Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYLES BROS

Coordinates 48° 50' 00" N 149° 55' 00" W Ref. to BL # 3

Type DDH 2

Collar Elev. 3228.80' Direction \_\_\_\_\_

AREA 16 D

Hole Size AX

Depth 481' Angle 90°

Analyzed By \_\_\_\_\_

Date Start Aug 28 Finish Sept 4/56

Classified By V. KALNINS

Casing 9' Date of Report SEPT. 1/56

Stored 16 D

FT

| DATE               | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS                                      |
|--------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|                    |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|                    |                       |           | 60°                | 5              | 9     | 15    | QTZ ROCK -<br>WITH FEW SEAMS<br>OF FeO <sub>3</sub> . SEAMS +<br>FEW BANDS OF<br>MUSCOVITE PRESENT.   |          |                  |   |
| Daily Summary      |                       |           |                    |                |       |       |   |          |                  |   |
| Aug 28, 29 Set up. |                       |           |                    |                |       |       |   |          |                  |   |
| 30 - 41'           |                       |           |                    |                |       |       |   |          |                  |   |
| 31 - 151'          |                       |           |                    |                |       |       |   |          |                  |   |
| Sept. 1 - 93       |                       |           | 50°                | 114            | 15    | 136.5 | IF -<br>SEAMS, BANDS + VERY<br>INFREQUENT MASSIVE<br>FeO <sub>3</sub> .<br>MINOR Fe SILICATES +<br>SPOTTED FeO PRESENT<br>THROUGHOUT.           |          |                  | NO CORE: 17.6-20.<br>23.5-24.3 31.6-32.7.             |
| 2 - 20             |                       |           |                    |                |       |       | 15'-25' Fe 20%.   |          |                  | Fe RUST AT: 16',<br>27, 29 33.5, 66,<br>121.5', 131'. |
| 3 - 94             |                       |           |                    |                |       |       | 25-50 Fe 35%  |          |                  |   |
| 4 - 82             |                       |           |                    |                |       |       | 50-136.5 Fe 40%.  |          |                  |   |
|                    |                       |           | 50°                | 9              | 136.5 | 146   | QTZ. ROCK -<br>DISSEMINATED FLAKES +<br>RARE SEAMS OF FeO <sub>3</sub> .<br>SOME FLAKES OF FeO <sub>3</sub> +<br>SEAMS OF MUSCOVITE<br>PRESENT. |          |                  |   |

Drill Hole No. 75 Claim No. 29633 C-1

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 2 sheets

Location LEANNING LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By BOYLES BROS

Coordinates 48°00' 3855 Ref. to BL #3

Type DDH 3

Collar Elev. 3329.20 Direction \_\_\_\_\_

AREA 16 D

Hole Size AX

Depth 481 Angle 40°

Analyzed By \_\_\_\_\_

Date Start Aug 25 Finish Sept 4/56

Classified By V. KALNINS

Casing 9" Date of Report SEPT 7/56

Stored 16 D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION             | ANALYSES |                  | DRILLING REMARKS               |
|------|-----------------------|-----------|--------------------|----------------|-------|-----|----------------------------|----------|------------------|--------------------------------|
|      |                       |           |                    |                | From  | To  |                            | Fe       | SiO <sub>2</sub> |                                |
|      |                       |           |                    | 326            | 146   | 481 | IF -                       |          |                  | 146-275' L OF                  |
|      |                       |           |                    |                |       |     | SEAMS BANDS VERY           |          |                  | BED FROM AXIS 50'              |
|      |                       |           |                    |                |       |     | INFREQUENT MASSIVE F.C.    |          |                  | 275' - ON-CRENULATED           |
|      |                       |           |                    |                |       |     | MINOR Fe SILICATES PRESENT |          |                  | TREND 10°-40°                  |
|      |                       |           |                    |                |       |     | THROUGHOUT CONSIDERABLE    |          |                  | AXIAL PLANE 10°-50°            |
|      |                       |           |                    |                |       |     | AMOUNT PRESENT 350-375'    |          |                  | NO CORE 3225-                  |
|      |                       |           |                    |                |       |     | MINOR SPOTTED F.C.         |          |                  | 3245' 418' 2' 419' 9'          |
|      |                       |           |                    |                |       |     |                            |          |                  | Fe RUST PRESENT                |
|      |                       |           |                    |                |       |     | 146-481 Fe 40%             |          |                  | AT: 189, 256, 287,             |
|      |                       |           |                    |                |       |     |                            |          |                  | 428, 450, 470'.                |
|      |                       |           |                    |                |       |     |                            |          |                  |                                |
|      |                       |           |                    |                |       |     | 97% CORE RECOVERY IN HF.   |          |                  |                                |
|      |                       |           |                    |                |       |     |                            |          |                  |                                |
|      |                       |           |                    |                |       |     |                            |          |                  | dip test <del>400'</del> - 85° |



Drill Hole No. 76 Claim No. 79633-01

Location Jaramina Lake

Collar Elev. 3941.81 Direction \_\_\_\_\_

Coordinates 48785W 64° 25' N Ref. to Pl. #3.

Depth 257 Angle 80°

Date start Aug 16 Finish Aug 21/56

Casing 7' Date of Report Aug 22, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 U.

Sheet No. 1 of 1 sheet

Drilled by Reyes Bros.

Type 1 1/2" #2

Hole Size 8X

Analyzed by \_\_\_\_\_

Classified by B. Longmore

Stored 16 U.

FT.

| DATE                       | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks   |
|----------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|                            |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
| CREN. 7' - 32'             | 90°                   |           | Trend 0°           | 62.2           | 7     | 73.5  | Iron formation   |          |                  | 7' - 42' 25-30% Fe   |
| & Ax. plane                | 90°                   |           |                    |                |       |       | Narrow seams, stringers & occasional banding of Fe <sub>2</sub> O <sub>3</sub> . |          |                  | 42' - 73.5' 20-25% Fe  |
| CREN. 32' - 42'            | 80°                   |           | Trend 10° - 20°    |                |       |       |  |          |                  | From 7' to 125' the core is BA casing size.                            |
| & Ax. plane                | 80°                   |           |                    |                |       |       |  |          |                  |  |
| 42' - 73.5'                | 20° - 30°             |           |                    | 28             | 73.5  | 103.7 | Quartz Rock  |          |                  |  |
|                            |                       |           |                    |                |       |       | Occasional stringer & finely disseminated Fe <sub>2</sub> O <sub>3</sub> .       |          |                  | Core withd. at 62', 71', 80', 87', 90'                                 |
| Daily Record               |                       |           |                    | 192            | 1127  | 1105  | i.e. - E. 17%  |          |                  | CRENULATED, TREND 0°; AXIAL PLANE 90°.                                 |
| Aug 16, 12, 18 setup       |                       |           |                    |                |       |       | SEAMS OF Fe <sub>2</sub> O <sub>3</sub> .  |          |                  |  |
| Aug 19 - 130'              |                       |           |                    |                |       |       | Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED THROUGHOUT.                          |          |                  | FL. RUST AT 110'   |
| 20 - 110'                  |                       |           |                    |                |       |       | SOME MINOR IMPURITIES PRESENT.   |          |                  |  |
| 21 - 17'                   |                       |           |                    |                |       |       |  |          |                  |  |
| Dip test at 250'           |                       |           |                    | 94.5           | 128.5 | 207   | QZ. ROCK -   |          |                  | NO CORE: 171.5' - 133'   |
| -89°                       |                       |           |                    |                |       |       | THIN FLAKES OF Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED THROUGHOUT            |          |                  | 172.0' - 173.0', 176' - 190'   |
| 92.9% core recovery in IF. |                       |           |                    |                |       |       | VERY RARE, THIN SEAMS OF Fe <sub>2</sub> O <sub>3</sub> & MUSCOVITE              |          |                  | 183.5' - 185.7', 203' - 205.0', 207.3' - 209.2', 211.3' - 214', 216.5' |
|                            |                       |           |                    |                |       |       |  |          |                  | 218', 219.3' - 223', 227.3' - 229', 230'                               |
|                            |                       |           |                    |                |       |       | CRENULATED, TREND 10°; AXIAL PLANE 90°.  |          |                  | 233.6' - 243' - 243.2'   |

Drill Hole No. 77 Claim No. 62050-03

Location Juanne Lake

Collar Elev. 3026.87 Direction \_\_\_\_\_

Coordinates 1420E 14+20N Ref. to BL #3

Depth 173' Angle 30°

Date start Aug 15/56 Finish Aug 23/56

Casing 45' Date of Report AUGUST 18/56

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D

Sheet No. 1 of 4

Drilled by Frank Jones

Type DDH

Hole Size AK

Analyzed by \_\_\_\_\_

Classified by V. KALNINS

Stored 16D

FT.

| DATE              | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES  |                  | Drilling Remarks   |
|-------------------|-----------------------|-----------|--------------------|----------------|-------|-----|---|---|------------------|--|
|                   |                       |           |                    |                | From  | To  |   | Fe  | SiO <sub>2</sub> |  |
|                   |                       |           | 30°                | 4.5            | 45    | 50  | MUSCOVITE SCHIST -<br>WITH QTZ. IMPURITIES  |   |                  |  |
|                   |                       |           | 45°                | 46.8           | 50    | 100 | QTZ. ROCK -<br>TRADES OF Fe <sub>2</sub> O <sub>3</sub><br>DISSEMINATED THROUGHOUT.                     |   |                  | NO CORE: 57.5'-60'   |
| Aug 15, 16 set up |                       |           |                    |                |       |     |   |   |                  |  |
| Aug 17 - 30'      |                       |           |                    |                |       |     | SOME SHORT SECTIONS OF<br>CORE CONTAIN JENSE SEAMS<br>OF Fe <sub>2</sub> O <sub>3</sub> (ABOUT 20% Fe). |   |                  | VERY MINOR<br>AMOUNTS OF<br>MUSCOVITE, MARBLE<br>& Fe SILICATES.   |
| 18 - 152'         |                       |           |                    |                |       |     |   |   |                  |  |
| 19 - 139'         |                       |           |                    |                |       |     |   |   |                  |  |
| 20 - 127'         |                       |           |                    |                |       |     |   |   |                  |  |
| 21 - 146'         |                       |           |                    |                |       |     |   |   |                  |  |
| 22 - 106'         |                       |           |                    | 45             | 93.5  | 100 | 110   | i.F. -<br>SEAMS, OCCASIONAL<br>BANDS - RARE MASSIVE<br>Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED<br>Fe <sub>2</sub> O <sub>3</sub> FOUND THROUGHOUT.<br>180'-210' TRACES OF Fe<br>SILICATES PRESENT, HERE<br>ALSO SPOTS - FEW SEAMS<br>OF Fe <sub>2</sub> O <sub>3</sub> FOUND. |                  | Fe RUST AT 186'.<br>PEBBLES AT 134.3<br>& 141.4'.<br>TRACES OF<br>MUSCOVITE 100'-105'.<br>MUSCOVITE SCHIST<br>166'-166.6'.<br>NO CORE: 101'-<br>103.9'. 117.7'-118.8'.<br>130.8'-132'. 134.4'-<br>135'. 141.5'-143'. |
| Aug 23 - 37'      |                       |           |                    |                |       |     |   |   |                  |  |
|                   |                       |           |                    |                |       |     | 100'-125' - Fe 20%  |   |                  |  |
|                   |                       |           |                    |                |       |     | 125'-175' - Fe 25%  |   |                  |  |
|                   |                       |           |                    |                |       |     | 175'-210' - Fe 35%  |   |                  |  |

Drill Hole No. 77 Claim No. 62030-107  
 Location Jeanine Lake  
 Collar Elev. 252-87 Direction \_\_\_\_\_  
 Coordinates 2-25 14-20 Ref. to B.L. #3  
 Depth 236' Angle 30°  
 Date start Aug. 1956 Finish 9-23/56  
 Casing 45' Date of Report AUGUST 21/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. 2 of 4  
 Drilled by Gayles Bros.  
 Type DDH  
 Hole Size AX  
 Analyzed by \_\_\_\_\_  
 Classified by V. KALNINS  
 Stored 16 D

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Feet of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|--------------|-------|-------|---|----------|------------------|---|
|      |                       |           |                    |              | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
|      |                       |           | 40°                | 1.8          | 210   | 215   | GTZ. ROCK -<br>SOME DISSEMINATED,<br>THIN FLAKES OF Fe <sub>2</sub> O <sub>3</sub> ;<br>FEW SEAMS OF MUSCOVITE.   |          |                  |   |
|      |                       |           | 45°                | 23.1         | 215   | 238.6 | MUSCOVITE SCHIST - GREEN<br>WITH GTZ. IMPURITIES  |          |                  |   |
|      |                       |           | 30°                | 11.3         | 228.6 | 240   | GTZ. ROCK -<br>FEW THIN SEAMS<br>OF Fe <sub>2</sub> O <sub>3</sub> ;<br>SOME SEAMS OF<br>MUSCOVITE 228.6' - 235'  |          |                  |   |
|      |                       |           | 30°                | 21.4         | 240   | 495   | I.F. -<br>SEAMS BANDS & SOME<br>MASSIVE Fe <sub>2</sub> O <sub>3</sub> . 240'-310' -<br>VERY SLIGHT TRACES OF Fe<br>SILICATES, SOME SPOTTED Fe <sub>2</sub> O <sub>3</sub> .<br>310'-313.5' - MUSCOVITE SCHIST.<br>313.5' - 490' - ABUNDANT Fe<br>SILICATES, SPOTS & SEAMS OF Fe <sub>2</sub> O <sub>3</sub> . 490'-495' -<br>SOME MUSCOVITE PRESENT ONLY DISSEMINATED. |          |                  | NO CORE:<br>274.2' - 275'<br>317.7' - 319.5'.<br>490' - 495' - NO<br>Fe SILICATES |



Drill Hole No. 77 Claim No. 62050-43  
 Location Jeanine Lake  
 Collar Elev. 3226.87 Direction \_\_\_\_\_  
 Coordinates 120° 14' 45" Ref. to L.L.#3  
 Depth 236' Angle 30°  
 Date start Aug 15/56 Finish Aug 23/56  
 Casing 4" Date of Report 22 AUGUST/56

Cartier Mining Company  
 EXPLORATION DRILL HOLE DATA SHEET  
 AREA 16 D

Sheet No. 3 of 4  
 Drilled by Boyles Bros  
 Type DD-2  
 Hole Size 2X  
 Analyzed by \_\_\_\_\_  
 Classified by V. KALNINS  
 Stored 16 D

PT.

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |   |
|      |                       |           | 90°                | 31.3           | 196   | 531.6 | MUSCOVITE SCHIST - GREEN<br>CONSIDERABLE AMOUNT<br>OF QTZ. & $\mu$ SILICATES<br>PRESENT. SPOTS & SEAMS<br>OF $Fe_2O_3$ & $Fe_3O_4$ ASSOCIATED<br>WITH QTZ. ROCK & $\mu$<br>SILICATES RESPECTIVELY. |          |                  | CRENULATED IN<br>PART.<br><br>NO CORE;<br>501.5' - 503'.  |
|      |                       |           |                    | 95.1           | 531.6 | 630   | i.f. -<br>SEAMS, BANDS & SOME<br>MASSIVE $Fe_2O_3$ .<br>SOME $\mu$ SILICATES<br>PRESENT, ALSO SPOTTED<br>$Fe_3O_4$ .   |          |                  | 531.6 - 575' LOP<br>BED FROM AXIS 30°<br>CRENULATED IN<br>PART. 575 - 630 -<br>CRENULATED,<br>TREND 20°; AXIAL<br>PLANE 40°.<br>NO CORE; 560.2' - 561.7'. |
|      |                       |           | 15°                | 630            | 649   |       | MUSCOVITE SCHIST -<br>WITH ABUNDANT QTZ.<br>ROCK. SOME BIOTITE &<br>$\mu$ SILICATES.   |          |                  | CRENULATED,<br>TREND 10°; AXIAL<br>PLANE 80°.<br>NO CORE; 233.7' - 235'<br>243.4' - 245'.   |

Drill Hole No. 77 Claim No. 62050-C43

Location JRANNING LAKE

Collar Elev. 3026.89 Direction \_\_\_\_\_

Coordinates 315DE 14103 Ref. to 66.43

Depth 736 Angle 90°

Date start AUG 15/56 Finish AUG 23/56

Casing 45' Date of Report AUGUST 24/56

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16D

Sheet No. 1 of 4  
Drilled by BOYLES BROS.  
Type DD # 2  
Hole Size AX  
Analyzed by \_\_\_\_\_  
Classified by V. KALNINS  
Stored 16D

P.T.

| DATE | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Length of Core | DEPTH                 |      | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|----------------|-----------------------|------|---|----------|------------------|---|
|      |                       |           |                    |                | From                  | To   |   | Fe       | SiO <sub>2</sub> |   |
|      |                       |           |                    |                | 65.7                  | 69.9 | 73% QTZ. ROCK -<br>FEW THIN FLAMES OF<br>Fe <sub>2</sub> O <sub>3</sub> DISSEMINATED<br>THROUGHOUT.<br>SEAMS & BANDS OF<br>MUSCOVITE 690'-726'.<br>AT TIMES THE QTZ.<br>ROCK EXHIBITS A<br>GRANULAR (SUGARY)<br>APPEARANCE. |          |                  | CRENULATED,<br>TREND 20°; AXIAL<br>PLANE 70°.<br><br>NO CORE:<br>698.4'-699'.<br><br>Hip Test at 730'-85' |
|      |                       |           |                    | 95%            | CORE RECOVERY IN I.F. |      |   |          |                  |   |

Drill No. 79 Claim No. 79650-02

Location Tecoma Lake

Collar Elev. 2968.35 Direction \_\_\_\_\_

Coordinates 1410E. 28450S Ref. to BL#3

Depth 605' Angle 90°

Date start Aug. 7/56 Finish Aug. 14/56

Casing 50' Date of Report Aug. 10, 1956.

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16G.

Sheet No. 1 of 4 SETS

Drilled by Boyles Bros.

Type D.D. #2

Hole Size AK

Analyzed by \_\_\_\_\_

Classified by B. Langmore

Stored 16G.

FT.

| DATE          | ∠ of Hole From Horiz. | Hole Size | ∠ of Rod From Axis | Length of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks                       |
|---------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|               |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
| 50'-57'       | 60°-70°               |           |                    | 56.2           | 50    | 108   | Marble   |          |                  | Core slightly pitted at 106'.          |
| 57'-62.5'     | 50°                   |           |                    |                |       |       | Banded impurities throughout.  |          |                  |  |
| 62.5'-108     | 60°-70°               |           |                    |                |       |       | Minute stringers (widespread) of Fe <sub>2</sub> O <sub>3</sub> from 81'-83.5', at 86.2', 95.7'-96.5', at 107.5'.                      |          |                  |  |
| 108.3'-167.5' | 70°                   |           |                    |                |       |       |  |          |                  |  |
| 167.5'-220.3' | 70°                   |           |                    |                |       |       |  |          |                  |  |
|               |                       |           |                    | 29.4           | 108   | 138.5 | Quartz Rock  |          |                  | Fe <sub>2</sub> O <sub>3</sub> Summary |
|               |                       |           |                    |                |       |       | Seams & stringers of Fe <sub>2</sub> O <sub>3</sub> from 110.7'-111.7', at 126'. Very finely disseminated                              |          |                  | Aug. 7/56 - Set up                     |
|               |                       |           |                    |                |       |       | Fe <sub>2</sub> O <sub>3</sub> throughout with occasional seams of Muscovite. Marble bands of about 1" width at 127.5' & 132.8'.       |          |                  | " 8 - 157'                             |
|               |                       |           |                    |                |       |       |  |          |                  | " 9 - 50'                              |
|               |                       |           |                    |                |       |       |  |          |                  | " 10 - 100'                            |
|               |                       |           |                    |                |       |       |  |          |                  | " 11 - 90'                             |
|               |                       |           |                    |                |       |       |  |          |                  | " 12 - 94'                             |
|               |                       |           |                    | 28.3           | 138.3 | 167.3 | Marble   |          |                  | " 13 - 82'                             |
|               |                       |           |                    |                |       |       | Banded impurities throughout. Increasing number of Qtz. bands containing finely disseminated Fe <sub>2</sub> O <sub>3</sub> from 154'. |          |                  | " 14 - 32'                             |
|               |                       |           |                    | 4.3            | 167.3 | 172   | Quartz Rock  |          |                  |  |
|               |                       |           |                    |                |       |       | Narrow seams & finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.  |          |                  |  |



Drill Hole No. 79 Claim No. 73650-02

Location Jeanmine Lake

Collar Elev. 2268.35 Direction \_\_\_\_\_

Coordinates 14+10E. - 22+50S Ref. to B.L. #3

Depth 605' Angle 90°

Date start Aug. 11/56 Finish Aug. 14/56

Casing 50' Date of Report Aug. 10, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 D.

Sheet No. 2 of 4 S. ETS

Drilled by Foxley Bros.

Type GR #2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by Blangiere

Stored 16 D.

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Length of Core | DEPTH |       | CLASSIFICATION  | ANALYSES |                  | Drilling Remarks  |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|---|----------|------------------|---|
|      |                       |           |                    |                | From  | To    |   | Fe       | SiO <sub>2</sub> |   |
| OPEN | 247.5'                | 15"       |                    | 30.9           | 172   | 220.3 | Marble  |          |                  | No Core Recovery from 185' - 200'                                   |
|      | 252' - 275'           | 6" - 7"   |                    |                |       |       | Banded impurities throughout - mostly quartz, containing narrow seams, stringers & finely disseminated Fe <sub>2</sub> O <sub>3</sub> from 182' to 220.3'. The marble appears to be highly altered & in many places the hardness > 5.5. |          |                  | Core pitted at 233.5'   |
|      |                       |           |                    | 25.8           | 220.3 | 247.5 | Quartz Rock   |          |                  | No Core Recovery from 261.3' - 264.5', 266.7' - 269', 271' - 274.2' |
|      |                       |           |                    |                |       |       | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> throughout. Occur. narrow seams of Fe <sub>2</sub> O <sub>3</sub> from 246' - 246.5'. Seams of Muscovite from 243'.  |          |                  |   |
|      |                       |           |                    | 3.7            | 247.5 | 252   | Quartz - Muscovite - Schist   |          |                  |   |
|      |                       |           |                    | 13.1           | 252   | 275   | Quartz Rocks  |          |                  |   |
|      |                       |           |                    |                |       |       | Highly disseminated stringers of Fe <sub>2</sub> O <sub>3</sub> & spotted Fe <sub>2</sub> O <sub>3</sub> . Traces of Fe Schist at 257'. Seams & stringers of Muscovite throughout.  |          |                  |   |
|      |                       |           |                    | 2.1            | 275   | 277.5 | Marble  |          |                  |   |
|      |                       |           |                    |                |       |       | Banded impurities present   |          |                  |   |

Drill No. 79 Claim No. 73650-02

Location Jeanine Lake

Collar Elev. 2468.35 Direction \_\_\_\_\_

Coordinates N 10° E - 28+50 S Ref. to BL # 3

Depth 605' Angle 20°

Date start Aug 7, 1956 Finish Aug 14, 1956

Casing 50' Date of Report Aug 15, 1956

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16 Ft.

Sheet No. 3 of 4 SHEETS

Drilled by Boyles Bros

Type D.H. # 2

Hole Size 4X

Analyzed by \_\_\_\_\_

Classified by B. Longmire

Stored 16 Ft.

FT.

| DATE                    | ∠ of Hole From Horiz. | Hole Size | ∠ of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | Drilling Remarks   |
|-------------------------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|                         |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
| 307.2-450.5             | 70°                   |           |                    | 11.9           | 277.9 | 298   | Quartz Rock  |          |                  | No Core Recovered from 282'-285', 290.5'-294.5', 299.2'-304'                                   |
| C.R.N. 375'-376.5'      |                       |           |                    |                |       |       | Very widespread narrow seams & stringers of Fe <sub>2</sub> O <sub>3</sub> . Occasional seams & stringers of Muscovite.  |          |                  |  |
| C.R.N. 379'-379'        |                       |           |                    |                |       |       |  |          |                  |  |
| C.R.N. at 382' & 386.5' |                       |           |                    |                |       |       |  |          |                  |  |
| Trend 0°                |                       |           |                    | 0.9            | 298   | 299.2 | Quartz-Muscovite-Schist  |          |                  | 303.2'-325' 15-20% Fe  |
| C.R.N. 426'-441.5'      |                       |           |                    | 2.9            | 304   | 307.2 | Quartz Rock  |          |                  | 325'-331.5' 10-15% Fe<br>331.5'-359' 15-20% Fe<br>359'-439' 20-25% Fe<br>439'-445.5' 15-20% Fe |
|                         |                       |           |                    | 2.0            | 307.2 | 309.2 | Quartz-Muscovite-Schist.   |          |                  |  |
|                         |                       |           |                    |                |       |       | Finely disseminated Fe <sub>2</sub> O <sub>3</sub> present.  |          |                  |  |
|                         |                       |           |                    | 15.2           | 309.2 | 325   | Iron Formation   |          |                  |  |
|                         |                       |           |                    |                |       |       | Narrow seams with occasional banding of Fe <sub>2</sub> O <sub>3</sub> . Very dense seams of Muscovite from 318.5'-319', 320.5'-322'. Spotted Fe <sub>2</sub> O <sub>3</sub> . |          |                  |  |
|                         |                       |           |                    | 5.9            | 325   | 331.5 | Lean Iron Formation  |          |                  |  |
|                         |                       |           |                    |                |       |       | Stringers of Fe <sub>2</sub> O <sub>3</sub> . Finely disseminated Fe <sub>2</sub> O <sub>3</sub> .   |          |                  |  |
|                         |                       |           |                    | 21.6           | 331.5 | 560.5 | Iron Formation   |          |                  |  |
|                         |                       |           |                    |                |       |       | Narrow seams & occasional bands of Fe <sub>2</sub> O <sub>3</sub> . Trace of Fe Silicate & spotted Fe <sub>2</sub> O <sub>3</sub> from 422'-425'                               |          |                  |  |

Drill No. 79 Claim No. 79650-C.2.

Location Jeanine Lake

Collar Elev. 2468.35 Direction \_\_\_\_\_

Coordinates 14+10E.-28+50S. Ref. to U.L.#3.

Depth 605' Angle 30°

Date start Aug. 7/56 Finish Aug. 11/56

Casing 50' Date of Report Aug. 13, 1956.

Cartier Mining Company  
EXPLORATION DRILL HOLE DATA SHEET  
AREA 16th.

Sheet No. 4 of 4 SHEETS

Drilled by Hayles Bros.

Type N.C.#2

Hole Size AX

Analyzed by \_\_\_\_\_

Classified by A. Longmire

Stored 16 D.

PT.

| DATE         | ∠ of Hole From Horiz.    | Hole Size | ∠ of Bed From Axis | Interval of Core | DEPTH |    | CLASSIFICATION                           | ANALYSES |                  | Drilling Remarks                      |
|--------------|--------------------------|-----------|--------------------|------------------|-------|----|--|----------|------------------|---------------------------------------|
|              |                          |           |                    |                  | From  | To |  | Fe       | SiO <sub>2</sub> |                                       |
| 450.5'-475'  | 70°-80°                  |           |                    |                  |       |    | Muscovite bands & seams from 439'-       |          |                  | 445.5'-484' 20-25% Fe                 |
| 475'-550'    | CASED. with Trend 0°-10° |           |                    |                  |       |    | 445.5' Spotted Fe/Si & Fe Silicates from |          |                  | 451'-463.5' 15-20% Fe                 |
| 555'-575'    | 70°-80°                  |           |                    |                  |       |    | 452.5'                                   |          |                  | 463.5'-575' 20-25% Fe                 |
| CASED. 575'- | Trend 0°-10°             |           |                    |                  |       |    | Pure quartz 'dike' from 535'-538.5'      |          |                  |                                       |
|              |                          |           |                    |                  |       |    |  |          |                  | No Core Recovery from 550'-552.       |
|              |                          |           |                    |                  |       |    |  |          |                  | 575'-590' 25-30% Fe                   |
|              |                          |           |                    |                  |       |    |  |          |                  | 590'-605' 20-25% Fe                   |
|              |                          |           |                    |                  |       |    |  |          |                  | Dip Test at 605' - 82°                |
|              |                          |           |                    |                  |       |    |  |          |                  | Core Recovery in Iron Formation - 95% |



Drill Hole No. 10 Claim No. 29620 CE2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 1 of 3 sheets

Location Tequize Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Paylas Bros

Coordinates 111°52' 30" W 50° 5' Ref. to B.L. #3

Type DD #2

Collar Elev. 3002.65 Direction \_\_\_\_\_

AREA 16 D

Hole Size 8X

Depth 647 Angle 90°

Analyzed By \_\_\_\_\_

Date Start Sept 5/56 Finish Sept 14/56

Classified By P.W. Green

Casing 30' Date of Report Jan 11/56

Stored 16 D

| DATE               | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION  | ANALYSES  |                  | DRILLING REMARKS   |  |
|--------------------|-----------------------|-----------|--------------------|----------------|-------|-------|---|---|------------------|--|--|
|                    |                       |           |                    |                | From  | To    |   | Fe  | SiO <sub>2</sub> |  |  |
| 50' - 70'          | 65° - 70°             |           |                    | 6.0            | 50'   | 132'  | marble mostly fairly pure to 125' then<br>122.5 - 127.5 I.F. // a lot of gneiss<br>129 - 129.5 I.F. impurities  |   |                  | no core recovery 69'-70'<br>103-104<br>107.5-111<br>115.5-117.5<br>126-127 |  |
| Daily Summary      |                       |           |                    |                | 11.0  | 132   | 145'  | qtz rock - disseminated Fe <sub>2</sub> O <sub>3</sub> throughout.<br>occasional seam of Fe <sub>2</sub> O <sub>3</sub> |                  |  |  |
| Sept 2, 6, 7 Setup |                       |           |                    |                |       |       |   |   |                  |  |  |
| 8-49               |                       |           |                    | 75.5           | 145   | 225   | marble with gross impurities<br>occasional bits of Fe <sub>2</sub> O <sub>3</sub>   |   |                  |  |  |
| 9-171              |                       |           |                    |                |       |       | 196-197 I.F. & 208 to 209.5   |   |                  |  |  |
| 10-155             |                       |           |                    |                |       |       | pitted 224.5  |   |                  |  |  |
| 11-15              |                       |           |                    |                |       |       | occasional bands of qtz   |   |                  |  |  |
| 12-129             |                       |           |                    |                |       |       |   |   |                  |  |  |
| 13-95              |                       |           |                    |                |       |       |   |   |                  |  |  |
| 14-34              |                       |           |                    | 6.0            | 225   | 272.5 | qtz rock Fe <sub>2</sub> O <sub>3</sub> disseminated throughout<br>strings of Fe <sub>2</sub> O <sub>3</sub><br>rare bits of Fe <sub>2</sub> O <sub>3</sub><br>In the last 10' enough muscovite to produce<br>schist bands of about 6" width<br>184.5 - 185.5 Fe Enrichment |   |                  |  |  |
|                    |                       |           | 70°                |                |       |       |   |   |                  |  |  |

Drill Hole No. 90 Claim No. 29650 C12

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of 3 sheets

Location Jessamine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Byglas Bros

Coordinates 114°0' E 30° 50' S Ref. to A.L.M. 3

Type DD # 2

Collar Elev. 2003.65 Direction \_\_\_\_\_

AREA 16D

Hole Size PK

Depth 247 Angle 90°

Analyzed By \_\_\_\_\_

Date Start Sept 5/57 Finish Sept 14/57

Classified By R.W. Green

Casing SD Date of Report Sept 14/57

Stored 16D

Fe

| DATE      | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet of Core | DEPTH |     | CLASSIFICATION                                  | ANALYSES |                  | DRILLING REMARKS |
|-----------|-----------------------|-----------|--------------------|--------------|-------|-----|---|----------|------------------|------------------|
|           |                       |           |                    |              | From  | To  |   | Fe       | SiO <sub>2</sub> |                  |
| 292.5-298 | 70°                   |           |                    | 4.0          | 292.5 | 298 | qtz muscovite schist.                           |          |                  |                  |
|           |                       |           |                    |              |       |     | 292.5-292.3 LF                                  |          |                  |                  |
|           |                       |           |                    |              |       |     | 296-296.7 qtz                                   |          |                  |                  |
|           |                       |           |                    |              |       |     | 297-298 LF                                      |          |                  |                  |
|           |                       |           |                    | 60.8         | 298   | 341 | qtz rock  |          |                  |                  |
|           |                       |           |                    |              |       |     | 300.5-307 marble 60°-70°                        |          |                  |                  |
|           |                       |           |                    |              |       |     | 314-317 schist. (qtz mica) 70°                  |          |                  |                  |
|           |                       |           |                    |              |       |     | green silicates 329'-4"                         |          |                  |                  |
|           |                       |           |                    |              |       |     | 330-331.5'                                      |          |                  |                  |
|           |                       |           |                    |              |       |     | 333-337'  |          |                  |                  |
|           |                       |           |                    |              |       |     | lot of muscovite 337-340'                       | 60°-70°  |                  |                  |
|           |                       |           |                    |              |       |     | 353-355'  |          |                  |                  |
| 5.8       |                       |           |                    | 361          | 368   |     | qtz muscovite schist + some Fe, O <sub>2</sub>  |          |                  |                  |
| 2.9       |                       |           |                    | 368          | 371   |     | Iron Formation                                  | 65-70°   | 20-25%           |                  |
|           |                       |           |                    |              |       |     | stringers Fe, O <sub>2</sub> & lot of muscovite |          |                  |                  |
|           |                       |           |                    |              |       |     | and some thin layers of quartzoid bands         |          |                  |                  |
| 14.0      |                       |           |                    | 371          | 386.5 |     | qtz rock  |          |                  |                  |
|           |                       |           |                    |              |       |     | with stringers & some of Fe, O <sub>2</sub>     |          |                  |                  |
| 1.2       |                       |           |                    | 386.3        | 391   |     | schist. of 2 muscovite                          |          |                  | no core 387-390  |

Drill Hole 40 Claim No. 29650 Cl 2

THE CARTIER MINING COMPANY LIMITED

Sheet No. 3 of 3 sheets

Location Jessamine Lake

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Boyles Bros

Coordinates N480E 30+50S Ref. to LL # 3

Type RD # 1

Collar Elev. 3003.65 Direction \_\_\_\_\_

AREA 16 D

Hole Size RT

Depth 647 Angle 90°

Analyzed By \_\_\_\_\_

Date Start Sept 5/56 Finish Sept 14/56

Classified By P.W. Green

Casing 5D' Date of Report Sept 13/56

Stored 16 D

| DATE   | L of Hole From Horiz.                                 | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |     | CLASSIFICATION  | ANALYSES |                  | DRILLING REMARKS                   |
|--------|---|-----------|--------------------|----------------|-------|-----|---|----------|------------------|------------------------------------|
|        |   |           |                    |                | From  | To  |   | Fe       | SiO <sub>2</sub> |                                    |
| 80°    | -425'   |           |                    | 2379           | 391   | 647 | Iron formation some stringers of Fe <sub>2</sub> O <sub>3</sub> |          |                  | 391-425 20-25% Fe                  |
| 60°    | 425'-520'   |           |                    |                |       |     | Fe silicates mainly   |          |                  | no core recovery                   |
| 70-90° | 520'-600'   |           |                    |                |       |     | in fisher partings bands Fe <sub>2</sub> O <sub>3</sub>         |          |                  | 402-405                            |
|        | circulated 600'                                       |           |                    |                |       |     | 407 rest along joint.   |          |                  | 425-460 - 20-35% Fe                |
|        | no definite orientation but follows core at 0° to 30° |           |                    |                |       |     | 483-485 schist.   |          |                  | no core 462.5-464.                 |
|        |   |           |                    |                |       |     | 508 4" pt. dyke   |          |                  | 460-475 35-40% Fe                  |
|        |   |           |                    |                |       |     | spotted Fe <sub>2</sub> O <sub>3</sub> throughout               |          |                  | 475-499 25-30% Fe                  |
|        |   |           |                    |                |       |     | scattered bands of Silicates                                    |          |                  | 580-647 30-35% Fe                  |
|        |   |           |                    |                |       |     | more concentrated 525-615                                       |          |                  | 615-647.                           |
|        |   |           |                    |                |       |     | 92.9% core recovery in IF.                                      |          |                  | No dip test taken as tripod broke. |



Drill Hole 82 Claim No. \_\_\_\_\_  
 Location JEANNINE LAKE  
 Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_  
 Collar Elev. \_\_\_\_\_ Direction \_\_\_\_\_  
 Depth 801 Angle \_\_\_\_\_  
 Date Start \_\_\_\_\_ Finish \_\_\_\_\_  
 Casing 10' Date of Report SEPT. 12/56

THE CARTIER MINING COMPANY LIMITED

EXPLORATION DRILL HOLE DATA SHEET

AREA 16 D

Sheet No. 1 of \_\_\_\_\_  
 Drilled By BOYLES BROS.  
 Type DDH 3  
 Hole Size 8X  
 Analyzed By \_\_\_\_\_  
 Classified By V. KALNINS  
 Stored 16 D

FT.

| DATE | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Inches of Core | DEPTH |       | CLASSIFICATION   | ANALYSES |                  | DRILLING REMARKS   |
|------|-----------------------|-----------|--------------------|----------------|-------|-------|--|----------|------------------|--|
|      |                       |           |                    |                | From  | To    |  | Fe       | SiO <sub>2</sub> |  |
|      |                       |           | 30°                | 81             | 10    | 33    | GTZ. ROCK -<br>FEW DISSEMINATED<br>FLAKES OF Fe <sub>2</sub> O <sub>3</sub>  |          |                  | NO CORE: 83-85.<br>MARBLE 35.5-36.4'   |
|      |                       |           | 30°-50°            | 80             | 39    | 107.6 | MARBLE -<br>WITH ABUNDANT<br>GREEN IMPURITIES.   |          |                  |  |
|      |                       |           |                    |                |       |       |  |          |                  | HOLE SIZE<br>AX AFTER 282'   |
|      |                       |           |                    | 364            | 107.6 | 541   | GTZ. ROCK -<br>DISSEMINATED FLAKES<br>& RARE SEAMS OF Fe <sub>2</sub> O <sub>3</sub><br>MUSCOVITE SCHIST 387-391'<br>CONCENTRATION OF Fe <sub>2</sub> O <sub>3</sub> SEAMS<br>500-501' |          |                  | CORE PITTED IN<br>SPOTS, 260-270+340-350'.<br>NO CORE: 397-400<br>460-462, 487.5-500,<br>401-408, 413-416' |
|      |                       |           |                    |                |       |       |  |          |                  |  |
|      |                       |           | 75°                | 24             | 541   | 566   | MARBLE -<br>WITH MUCH GREEN<br>IMPURITIES, SOME<br>QTZ.  |          |                  |  |
|      |                       |           |                    |                |       |       |  |          |                  |  |
|      |                       |           | 75°                | 506            | 566   | 602   | GTZ. ROCK -<br>DISSEMINATED FLAKES<br>& FEW SEAMS OF Fe <sub>2</sub> O <sub>3</sub>  |          |                  | NO CORE: 582-586   |

Drill Hole No. 12 Claim No. #2 62050

THE CARTIER MINING COMPANY LIMITED

Sheet No. 2 of \_\_\_\_\_

Location JANINE LAKE

EXPLORATION DRILL HOLE DATA SHEET

Drilled By Burns Bros

Coordinates \_\_\_\_\_ Ref. to \_\_\_\_\_

Type DD #2

Collar Elev. 3882.6 Direction North

AREA 16D

Hole Size AX

Depth \_\_\_\_\_ Angle 0°

Analyzed By \_\_\_\_\_

Date Start Sept. 9/56 Finish Sept. 17/56

Classified By E. D. Black

Casing 10' Date of Report Sept 20/56

Stored 16D

| DATE    | L of Hole From Horiz. | Hole Size | L of Bed From Axis | Feet (Inches) of Core | DEPTH |       | CLASSIFICATION  | ANALYSES   |                  | DRILLING REMARKS   |  |
|---------|-----------------------|-----------|--------------------|-----------------------|-------|-------|---|--|------------------|--|--|
|         |                       |           |                    |                       | From  | To    |   | Fe   | SiO <sub>2</sub> |  |  |
| 20/9/56 | <del>45°</del>        |           | 70°                | 11                    | 602   | 615   | Muss schist with much Qtz & minor spotted Fe <sub>2</sub> O <sub>3</sub>                        |  |                  |  |  |
|         |                       |           | 70°                | 1.3                   | 485   | 615   | Lean I.F. - Fe 15% Minor amount of rust disseminated throughout core                            |  |                  |  |  |
|         |                       |           | 65°                | 2.7                   | 615   | 618   | Schisted Qtz rock with bands of musc and occasional Fe <sub>2</sub> O <sub>3</sub> stringers    |  |                  |  |  |
|         |                       |           | 75°                | 17.7                  | 618   | 644   | Lean I.F. - Fe 15% - 20% Stringers of fine grained specularite                                  |  |                  | No core - 632.9' - 635'<br>636 - 640'<br>644 - 645                           |  |
|         |                       |           | 80°                | 38.0                  | 644.6 | 673.4 | I.F. - Fe 20% - 25% Specularite in bands & stringers largely crystallized                       |  |                  | 649.2 - 664 Crystallized stringers & bands of Fe <sub>2</sub> O <sub>3</sub> |  |
|         |                       |           |                    |                       | 4.8   | 673.4 | 678.2   | Lean I.F. - Fe 15% - 20% Disseminated & crystallized stringers of Fe <sub>2</sub> O <sub>3</sub> |                  |  | 669.3 - 671 Fe 10%<br>671 - 673.2 Fe 25% |
|         |                       |           | 80°                | 9.0                   | 678.2 | 685.2 | I.F. - Fe 20 - 25% Stringers & bands of Fe <sub>2</sub> O <sub>3</sub>                          |  |                  | Band of Fe <sub>2</sub> O <sub>3</sub> 684' - 694.8'                         |  |
|         |                       |           | 75°                | 35.4                  | 685.2 | 721.1 | I.F. - Fe 30 - 35% Mostly blabs and wormy stringers and bands of Fe <sub>2</sub> O <sub>3</sub> |  |                  | Some rust 718' - 719'  |  |





DIAMOND DRILLING DONE IN 16 D AREA  
 ( IAC JEANNINE TOWNSHIP OF CHIASSON, COMAN AND 2052 )  
 DURING THE SUMMER OF 1957

| CLAIM NUMBERS | HOLE'S NUMBERS | NUMBER OF FEET | TOTAL OF FEET  |
|---------------|----------------|----------------|----------------|
| c 62050 - 1   | 65'            | 253 ✓          | → 62051 d. 2   |
|               | 67'            | 88 ✓           |                |
|               | 66'            | 442 ✓          |                |
| c 62050 - 2   | 45'            | 210 ✓          | 783            |
|               | 51', 82'       | 697 ✓<br>801 ✓ |                |
| c 62050 - 3   | 8'             | 270 ✓          | → c 79650 d. 3 |
|               | 15'            | 821 ✓          |                |
|               | 45'            | 730 ✓          |                |
|               | 46'            | 223 ✓          |                |
|               | 44'            | 850 ✓          |                |
|               | 77'            | 736 ✓          |                |
|               |                | 3,630          |                |
| c 62050 - 4   | 42'            | 724 ✓          | 724            |
| c 62050 - 5   | 60'            | 775 ✓          | → 62051 d. 2   |
|               | 61'            | 710 ✓          |                |
|               | 62'            | 714 ✓          |                |
|               | 65'            | 794 ✓          |                |
|               |                | 2,993          |                |
|               |                | → 62050 d. 5   |                |
| c 62051 - 1   | 22'            | 960 ✓          | → 79633 d. 1   |
|               | 33'            | 734 ✓          |                |
|               | 34'            | 427 ✓          |                |
|               | 35'            | 815 ✓          |                |
|               | 52'            | 700 ✓          |                |
|               | 53'            | 315 ✓          |                |
|               | 74'            | 647 ✓          |                |
|               |                | 4,598          |                |
|               |                | → 79633 d. 1   |                |
|               |                | → 79633 d. 1   |                |

QUEBEC DEPARTMENT OF MINES  
 MINERAL DEPOSITS BRANCH  
 No GM- 6155-B

| CLAIM NUMBERS | HOLE'S NUMBERS                         | NUMBER OF FEET                                     | TOTAL OF FEET  |
|---------------|--|--|----------------|
| c 62051 - 2   | 79'<br>69'<br>70'<br>71'               | 605 ✓<br>150 ✓<br>636 ✓<br>718 ✓                   | → c 79650 d. 2 |
| 62051 - 5     | 21'                                    | 287 ✓  | 287 ✓          |
| c 79633 - 1   | 75'<br>76'                             | 481 ✓<br>257 ✓                                     | 738            |
| c 79633 - 4   | 73'                                    | 212 ✓  | → c 62051 d. 1 |
| c 79650 - 2   | 47'                                    | 448 ✓  | 448            |
| c 79650 - 3   | 16'<br>10'<br>48'<br>49'<br>50'<br>80' | 258 ✓<br>475 ✓<br>437 ✓<br>439 ✓<br>425 ✓<br>647 ✓ | → d. 2         |
| 79650 - 4     | 57'                                    | 788 ✓  | 788 ✓          |
| c 79651 - 5   | 54'                                    | 385 ✓  | 385            |
| c 79653 - 5   | 55'                                    | 380 ✓  | 380            |
| 109052 - 2    | 56'                                    | 391 ✓  | 391 ✓          |

22,855 Feet of d.d.

1466

21312

*Jean Paul Drolet*

I hereby certify that the above drilling was supervised by me

*Rene Messier*  
geologist

