

FALCONBRIDGE NICKEL MINES LIMITED

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Date: January 20, 1951.

Hole No: G.B. #5

Logged by: W.B. & H.M.

Dip: 45°

Property: Gull Pond, Nfld.

DIP TESTS:

| <u>Footage</u> | <u>Angle etched</u>         | <u>Corrected Angle</u> |
|----------------|-----------------------------|------------------------|
| 0.0            | Hole collared at 45 degrees |                        |
| 100.0          | 52 degrees                  | 43 1/2 degrees         |
| 200.0          | 51 "                        | 42 1/2 "               |
| 300.0          | 51 "                        | 42 1/2 "               |
| 400.0          | 50 "                        | 41 1/2 "               |
| 500.0          | 50 "                        | 41 1/2 "               |

| <u>FROM</u> | <u>TO</u> | <u>DESCRIPTION</u>                                                                                                                                                                                                                                                                                                                  | <u>SAMPLE NOS.</u> |
|-------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 0.0         | 32.0      | Overburden: sand, gravel and numerous boulders.<br>33 feet casing.                                                                                                                                                                                                                                                                  |                    |
| 32.0        | 42.2      | f.g., light greenish-grey, cherty-looking siliceous sericitic schist or chert, cut by numerous qtz. f.f.                                                                                                                                                                                                                            |                    |
| 42.2        | 92.3      | f.g., light grayish-green, altered epidotized andesite and chloritic andesite cut by numerous small qtz. and carbonate, f.f.<br>51.0 - 57.0 Lost core (believed to be highly chloritic)<br>85.0 - 85.5 m.g. pink qtz.-feldspar porphyry dyke.                                                                                       |                    |
| 92.3        | 97.0      | f.g., grayish-brown chert, cut by numerous qtz. f.f.<br>96.0 - 97.0 - Lost core.                                                                                                                                                                                                                                                    |                    |
| 97.0        | 106.9     | f.g., dk. green, altered chloritic andesite cut by irregular carbonate f.f., and with narrow bands of ferruginous chert. Sl. schistose at 70°.<br>100.5 - 102.0 - Lost core.                                                                                                                                                        |                    |
| 106.9       | 109.3     | f.g., greenish-grey chert - 65° shearing from 108.0 - 109.3.                                                                                                                                                                                                                                                                        |                    |
| 109.3       | 120.3     | f.g., greyish-green, altered andesite with local biotite developed, cut by numerous qtz. and carbonate f.f. - minor euhedral pyrite.                                                                                                                                                                                                |                    |
| 120.3       | 147.0     | f.g., light grey-green sericitic chert or rhyolite, local biotite, locally crenulated and slightly schistose at 45°.<br>132.5 - 141.0 (Tuff ?)<br>120.3 - 123.6 minor silver-grey mineral                                                                                                                                           |                    |
| 147.0       | 171.0     | f.g., dk. green, altered andesite with considerable anthophyllite development and minor disseminated pyrite, pyrrhotite and chalcopyrite.                                                                                                                                                                                           | 676                |
| 171.0       | 176.0     | f.g., dk. greenish-grey, banded chert (?).                                                                                                                                                                                                                                                                                          |                    |
| 176.0       | 195.0     | f.g., brownish-grey, banded tuff (?), somewhat biotitic - some intercalated chert and andesitic material - minor disseminated pyrite and pyrrhotite.                                                                                                                                                                                |                    |
| 195.0       | 301.7     | f.g., dk. green, altered, chloritic and biotitic andesite with cordierite interbanded with narrow bands of sugary crenulated chert and brownish-grey banded tuff.<br>198.7 - 206.0 grey sugary chert with 10% disseminated pyrite.<br>206.0 - 214.0 15% disseminated pyrite and pyrrhotite.<br>236.5 - 238.0 Nearly massive pyrite. | 722<br>77          |

FALCONBRIDGE NICKEL MINES LIMITED

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| FROM  | TO    | DESCRIPTION                                                                                                                                                                               | SAMPLE NOS. |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|       |       | 238.0 - 244.0 - 10% disseminated pyrite and pyrrhotite                                                                                                                                    | 727         |
|       |       | 244.0 - 253.0 - 6 - 7% disseminated pyrrhotite                                                                                                                                            | 728         |
|       |       |                                                                                                                                                                                           | 729         |
| 301.0 | 442.0 | "Sulphide Zone" - Mostly f.g., dk. green, altered andesite, with chlorite, cordierite, magnetite and some talc developed and with disseminated pyrite, pyrrhotite and local chalcopyrite. |             |
|       |       | 385.0 - 387.0 - Lost core (ground).                                                                                                                                                       |             |
|       |       | 387.0 - 442.0 - Decreasing sulphide mineralization.                                                                                                                                       |             |
| 442.0 | 554.0 | f.g., drk. green, altered chloritic andesite with cordierite anthophyllite magnetite and biotite development and minor disseminated pyrite and pyrrhotite throughout.                     |             |
|       |       | 462.0 - 465.0 - f.g., dk. green trap dyke (?)                                                                                                                                             |             |
|       |       | 483.0 - 485.5 - brownish-grey impure chert.                                                                                                                                               |             |
|       |       | 533.5 - 535.0 - very f.g., dk. porphyritic trap dyke.                                                                                                                                     |             |
|       |       | 537.0 - 539.5 - f.g., dk. green trap dyke (?).                                                                                                                                            |             |
|       |       | Small drag fold at 537.0                                                                                                                                                                  |             |
| 554.0 |       | END OF HOLE                                                                                                                                                                               |             |

Hole Started January 19, 1951.

Hole Finished January 29, 1951.

# ASSAY RECORD SHEET

Hole No. GB-5.

GULLBRIDGE MINES LIMITED  
Badger, Newfoundland

| SAMPLE NO. | FROM  | TO    | LENGTH | % CU | CU   | DESCRIPTION                                                                                                                                                                                         |
|------------|-------|-------|--------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 706        | 134.3 | 138.6 | 4.3    | 0.57 | 2.45 | Fine grained, greyish-green, banded and contorted, impure chert (?), possibly tuff, with minor fracture-fill chalcopryite, some intercalated andesite.                                              |
| 707        | 138.6 | 143.5 | 4.9    | 1.34 | 6.55 | Similar, banding at 55°.                                                                                                                                                                            |
| 708        | 143.5 | 147.0 | 3.5    | 1.45 | 5.08 | Similar, minor disseminated pyrite, pyrrhotite, and chalcopryite.                                                                                                                                   |
|            | 147.0 | 151.7 | 4.7    | 0.69 | 3.24 | Fine grained, dark green, altered andesite, with minor disseminated pyrite and pyrrhotite and chalcopryite.                                                                                         |
|            | 151.7 | 156.5 | 4.8    | 0.30 | 1.44 | Similar, with injected quartz stringers.                                                                                                                                                            |
|            | 156.5 | 160.3 | 3.8    | 0.35 | 1.33 | Similar, to 147.0 - 151.7.                                                                                                                                                                          |
|            | 160.3 | 161.4 | 1.1    | 5.32 | 5.85 | Similar, with 10% fracture-fill chalcopryite.                                                                                                                                                       |
|            | 161.4 | 163.3 | 1.9    | 1.95 | 3.70 | Similar, with disseminated pyrite, pyrrhotite and 1-2% chalcopryite.                                                                                                                                |
|            | 163.3 | 167.0 | 3.7    | 0.38 | 1.41 | Similar, some anthophyllite development, minor disseminated pyrite and pyrrhotite.                                                                                                                  |
| 730        | 301.0 | 307.0 | 6.0    | Nil  |      | Fine grained, dark green, altered andesite with talc, chlorite and cordierite alteration and with 10% disseminated pyrrhotite and pyrite.                                                           |
| 731        | 307.0 | 314.5 | 7.5    | 0.12 | .90  | Similar, with scattered magnetite and injected quartz, locally slightly schistose at 60°.                                                                                                           |
| 732        | 314.5 | 319.5 | 5.0    | 0.40 | 2.00 | Similar, with minor disseminated pyrrhotite and pyrite and trace chalcopryite.                                                                                                                      |
| 733        | 319.5 | 325   | 5.5    | 0.76 | 4.18 | Similar, with 10% disseminated pyrite, pyrrhotite and minor chalcopryite.                                                                                                                           |
| 734        | 325   | 329   | 4.0    | 0.85 | 3.40 | Fine grained, dark green, altered, chloritic andesite with cordierite and magnetite development and some quartz injection, and with 10-12% disseminated pyrite, pyrrhotite, and minor chalcopryite. |

ASSAY RECORD SHEET

Hole No. GP-5

GULLBRIDGE MINES LIMITED  
Badger, Newfoundland

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| SAMPLE NO. | FROM  | TO    | LENGTH | % CU      | CU   | DESCRIPTION                                                                                                                                 |
|------------|-------|-------|--------|-----------|------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 735        | 329   | 332   | 3.0    | 2.11      | 6.33 | Similar, with 20% disseminated pyrite and pyrrhotite, and 1 - 2% chalcopyrite, slightly schistose at 60°.                                   |
| 736        | 332   | 335   | 3.0    | 1.42      | 4.26 | Similar, with 15% disseminated pyrrhotite and pyrite, and 1 - 2% chalcopyrite.                                                              |
| 737        | 335   | 338   | 3.0    | 1.30      | 3.90 | Similar, with 20% Disseminated and bands of pyrite and pyrrhotite with 2% finely admixed chalcopyrite.                                      |
| 738        | 338   | 343   | 5.0    | 0.51      | 2.55 | Similar, with 10 - 15% pyrite and pyrrhotite and trace chalcopyrite.                                                                        |
| 739        | 343   | 346   | 3.0    | 0.53      | 1.59 | Similar, with 8 - 10% pyrite and pyrrhotite and trace chalcopyrite.                                                                         |
| 740        | 346   | 350.5 | 4.5    | 0.45      | 2.02 | Similar, slightly schistose at 50°.                                                                                                         |
| 741        | 350.5 | 354.5 | 4.0    | 0.20      | .80  | Similar, slightly schistose and with minor disseminated pyrite and pyrrhotite and considerable quartz injection.                            |
| 742        | 354.5 | 359.8 | 5.3    | 0.45      | 2.38 | Similar with 15 - 20% disseminated and banded pyrite, and slightly schistose at 40 to 50°.                                                  |
| 743        | 359.8 | 368   | 8.2    | 0.42      | 3.44 | Similar, somewhat talcose and with 10% disseminated pyrite and pyrrhotite, slightly schistose at 50°.                                       |
| 744        | 368   | 374   | 6.0    | 0.46      | 2.76 | Similar, with traces of chalcopyrite.                                                                                                       |
| 745        | 374   | 381   | 7.0    | 0.40      | 2.80 | Fine grained, dark green, altered andesite with chlorite, talc, cordierite, some quartz and with 6 - 8% disseminated pyrite and pyrrhotite. |
| 746        | 381   | 385   | 4.0    | 1.51      | 6.04 | Similar, slightly schistose at 50° and with minor chalcopyrite.                                                                             |
|            | 385   | 387   |        | LOST CORE |      |                                                                                                                                             |
| 747        | 387   | 394   | 7.0    | 0.21      | 1.47 | Similar, to 381-385, with minor disseminated pyrite and pyrrhotite.                                                                         |
| 748        | 394   | 402   | 8.0    | 0.15      | 1.20 | Similar, with 6-8% disseminated pyrite and pyrrhotite, slight 15° shear at 400.0 ft.                                                        |

GUILBRIDGE MINES LIMITED  
Badger, Newfoundland.

| SAMPLE NO. | FROM  | TO    | LENGTH | % CU  | CU   | DESCRIPTION                                                |
|------------|-------|-------|--------|-------|------|------------------------------------------------------------|
| 749        | 402   | 409   | 7.0    | 0.15  | 1.05 | Similar, with minor disseminated pyrite and pyrrhotite.    |
| 750        | 409   | 414   | 5.0    | 0.02  | .10  | Similar.                                                   |
| 751        | 414   | 419   | 5.0    | 0.06  | .30  | Similar, with 5 - 6% disseminated pyrite and pyrrhotite.   |
| 752        | 419   | 423.5 | 4.5    | 0.15  | .67  | Similar, with occasional injected quartz stringers.        |
| 753        | 423.5 | 430.0 | 6.5    | Trace |      | Similar, with minor disseminated pyrite and pyrrhotite.    |
| 754        | 430.0 | 436.0 | 6.0    | 0.09  | .54  | Similar.                                                   |
| 755        | 436.0 | 442.0 | 6.0    | 0.11  | .66  | Similar, some quartz injection, minor 55° shear at 442 ft. |

Summary:

|       |       |      |      |
|-------|-------|------|------|
| 134.3 | 138.6 | 4.3  | 0.57 |
| 138.6 | 147.0 | 8.4  | 1.38 |
| 147.0 | 160.3 | 13.3 | 0.45 |
| 160.3 | 163.3 | 3.0  | 3.18 |
| 314.5 | 329.0 | 14.5 | 0.67 |
| 329.0 | 338.0 | 9.0  | 1.61 |
| 338.0 | 381.0 | 43.0 | 0.43 |
| 381.0 | 385.0 | 4.0  | 1.51 |