

FALCONBRIDGE NICKEL MINES LIMITED  
Falconbridge, Ontario

Date: Oct. 10/51 Location: 100/00' S. 120'E. Bearing: East Hole No. O.B. 104  
of #1 Base Line

Logged by: L. Hudson Elevation:      Dip: -10° Property: Mill Pond, Nfld.

DIP TESTS:

| <u>Footage</u> | <u>Angle etched on tube</u> | <u>Corrected angle</u> |
|----------------|-----------------------------|------------------------|
| 0.0            | Collared at -35°            | —                      |
| 210.5          | 35°                         | 28°                    |

| <u>FROM</u> | <u>TO</u> | <u>DESCRIPTION</u>                                                                                                                                                                                                               | <u>SAMPLE NO.</u> |
|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 0.0         | 10.0      | Overburden: sand                                                                                                                                                                                                                 |                   |
| 10.0        | 20.5      | Very fine grained, medium grey, sheared, rhyolite tuff, numerous quartz injections, pronounced sericitisation and specks of pyrite.                                                                                              |                   |
| 20.5        | 22.9      | Fine grained to medium grained, medium grey-green, trap dyke, with very fine grained, disseminated pyrite.                                                                                                                       |                   |
| 22.9        | 25.5      | Similar to 10 - 20.5.                                                                                                                                                                                                            |                   |
| 25.5        | 31.2      | Very fine grained, medium grey, sheared and crenulated rhyolite tuff, with chalcopyrite along slips, local biotite development and minor disseminated pyrite.                                                                    |                   |
| 31.2        | 42.2      | Fine grained, dark grey, sheared and crenulated tuff, with occasional quartz fracture-fillings, some chlorite development and minor pyrite.                                                                                      |                   |
| 42.2        | 53.6      | Fine grained to very fine grained, medium grey, siliceous, sheared, rhyolite tuff, with cordierite development.                                                                                                                  |                   |
| 53.6        | 62.2      | Similar to 31.2 - 42.2                                                                                                                                                                                                           |                   |
| 62.2        | 83.6      | Fine grained, dark grey, sheared and granulated tuff and intercalated rhyolite, with chlorite development, occasional quartz fracture-fillings, local biotite and cordierite development and disseminated pyrite and pyrrhotite. |                   |
| 83.6        | 85.9      | Fine grained to medium grained, black dolerite dyke, with ophitic texture.<br>84.8 - 85.1: similar to 62.2 - 83.6.                                                                                                               |                   |
| 85.9        | 101.5     | Fine grained to very fine grained, dark grey, siliceous sheared and crenulated tuff and intercalated rhyolite, with numerous quartz fracture-fillings, local biotite development, quartz phenocrysts and disseminated pyrite.    |                   |
| 101.5       | 130.5     | Medium grained, dark grey-black, slightly ophitic dolerite dyke, with chilled contacts and specks of pyrite.                                                                                                                     |                   |
| 130.5       | 134.0     | Fine grained, black, sheared, altered andesite, with chlorite development, quartz fracture-filling, some cordierite development and disseminated pyrite.                                                                         |                   |
| 134.0       | 141.3     | Similar to 101.5 - 130.5.                                                                                                                                                                                                        |                   |
| 141.3       | 144.4     | Fine grained, black, altered andesite, with chlorite development and very minor pyrite and chalcopyrite.                                                                                                                         |                   |

Date: Oct. 10/51 Location 100/00° S. 120°E. Bearing: East Hole No. G.P. 104  
of #1 Base line

Logged by: L. Hudson Elevation: Dip: -10° Property: Gull Pond, Newfoundland

| <u>FROM</u> | <u>TO</u> | <u>DESCRIPTION</u>                                                                                                                                                                                                                          | <u>SAMPLE NO.</u> |
|-------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 144.4       | 146.6     | Similar to 101.5 - 130.5.                                                                                                                                                                                                                   |                   |
| 146.6       | 156.1     | Fine grained, medium grey-black, altered andesite, with chlorite development, numerous quartz fracture-fillings and disseminated pyrite (segregated into pyritic bands locally) breccia: 149.1 - 149.4.<br>Core badly broken.               |                   |
| 156.1       | 172.0     | Fine grained, medium grey, sheared andesite, with numerous quartz fracture-fillings and locally some quartz phenocrysts. 153.3 - 154.5: very fine grained dark green-black, trap dyke with epidote fracture-fillings                        |                   |
| 172.0       | 210.5     | Very fine grained, light to medium grey, sheared tuff, with cordierite development, local chlorite and biotite development, quartz fracture-filling and cubic pyrite (confined to chlorite bands). Banding of the tuff is very distinctive. |                   |

END OF HOLE.

Hole started: September 28, 1951.  
Hole finished: September 29, 1951.

All casing pulled.

No A.I.T. Core.