

# FALCONBRIDGE NICKEL MINES LIMITED

LOCATION 350' S from (0.0), 75' W from "0" B.L. BEARING E. along the line HOLE NO. G.B. 60  
 LOGGED BY P. Sonnenfeld ELEVATION \_\_\_\_\_ DIP 40° PROPERTY Gull Pond  
L. G. Hudson Newfoundland.  
 STARTED February 18, 1952 TESTS (CORRECTED)  
 FINISHED February 23, 1952  
 CASING Casing pulled.  
 CORE SIZE AXT core 16.4'-18.0'

| FROM | TO   | DESCRIPTION                                                                                                                                                                                                                                                                               |
|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.0  | 16.4 | Overburden: gravel and small boulders.                                                                                                                                                                                                                                                    |
| 16.4 | 23.0 | Fine-grained, dark green to dark grey andesite, slightly sheared, with considerable amphibole, chlorite and cordierite developed, somewhat silicified, with occasional quartz fracture-fillings. Pyrite, pyrrhotite and chalcopyrite in stringers, disseminated and as fracture-fillings. |
| 23.0 | 35.5 | Very fine-grained, light grey, siliceous rock, with remnants or inclusions of altered dark green andesitic material. Crenulated thin bedding well preserved. (Probably altered tuff). Fine dissemination of pyrite.                                                                       |
| 35.5 | 70.0 | Fine-grained, dark green andesite, similar to 16.4 - 23.0, altered and silicified with sharp, but very irregular upper contact and with an amygdaloidal horizon that is less mineralized than the remainder of the rock. With minor disseminated pyrite, pyrrhotite and chalcopyrite.     |
| 70.0 | 78.0 | Fine-grained, dark green andesite, similar to previous, (35.5 - 70.0), but brecciated and filled with quartz fracture-fillings.                                                                                                                                                           |
| 78.0 | 79.3 | Fine-grained, dark green andesite, similar to 35.5 - 70.0, with weakly disseminated pyrrhotite, pyrite and chalcopyrite.                                                                                                                                                                  |
| 79.3 | 80.2 | Very fine-grained dark green andesitic tuff. Upper contact forms an angle of 38°, lower contact of 57° with the core axis. Altered and silicified with amphibole, biotite and chlorite developed with minor disseminated pyrrhotite, pyrite and chalcopyrite.                             |
| 80.2 | 80.9 | Very fine-grained, light grey, siliceous rock, similar to 23.0 - 35.5, but here the banded tuff remnants are prominent.                                                                                                                                                                   |
| 80.9 | 85.3 | Fine-grained, dark, green, altered andesite, silicified, with cordierite, chlorite and amphibole developed. Occasional quartz-fr. Slightly sheared. With weakly disseminated pyrrhotite, pyrite and chalcopyrite.                                                                         |
| 85.3 | 88.3 | Very fine-grained, black, slightly altered, andesitic tuff, with considerable amphibole and chlorite developed. Occasional quartz fracture-fillings. Pyrrhotite, pyrite and chalcopyrite in stringers and nests.                                                                          |
| 88.3 | 93.5 | Fine-grained, dark green, altered andesite, similar to 80.9 - 85.3 but with pronounced chlorite development and some brown biotite. Weakly disseminated pyrrhotite, pyrite and chalcopyrite.                                                                                              |
| 93.5 | 97.8 | Very fine-grained, dark green, highly altered tuff, similar to 85.3 - 88.3 - but with more chlorite developed. Weakly disseminated pyrrhotite, pyrite and chalcopyrite.                                                                                                                   |

| From  | To    | Description                                                                                                                                                                                               |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 97.8  | 300.5 | Fine-grained, dark green, altered andesite, similar to 88.3 - 93.5 with minor intercalated tuff bands, with occasional quartz fracture-fillings. Weakly disseminated pyrrhotite, pyrite and chalcopyrite. |
| 97.8  | 300.5 | 219.0 - 228.7 Mineralization more pronounced.<br>247.2 - 248.0 The core seems to touch the contact of an intermediate fine-grained dyke, flanked by vuggy quartz fracture-fillings.                       |
| 300.5 | 306.8 | Fine-grained, medium green, altered andesite, with considerable chlorite, epidote and clinozoisite developed and occasional pyrite specks.                                                                |
| 306.8 | 316.0 | Fine-grained, dark green andesite, with brown biotite, epidote, amphibole and chlorite development and quartz fracture-fillings. Scattered pyrite and pyrrhotite spots.                                   |
|       | 316.0 | End of hole.                                                                                                                                                                                              |

GULLBRIDGE MINES LIMITED  
Gull Pond, Newfoundland

ASSAY RECORD SHEET

HOLE NO. G.B. 60

| SAMPLE # | FROM  | TO    | LENGTH      | %CU     | DESCRIPTION                                     |
|----------|-------|-------|-------------|---------|-------------------------------------------------|
| 3499     | 18.8  | 22.6  | 3.8         | .25     | With 6-8% pyrite, pyrrhotite and chalcopyrite   |
| 3500     | 22.6  | 24.0  | 1.4         | .20     | With 2-3% pyrite, pyrrhotite and chalcopyrite   |
| 3351     | 24.0  | 27.0  | 3.0         | .17     | With 5-7% pyrite, pyrrhotite and chalcopyrite   |
|          | 27.0  | 78.0  | Not sampled |         | Mineralization negligible.                      |
| 3352     | 78.0  | 83.0  | 5.0         | .35     | With 5-7% pyrrhotite, pyrite and chalcopyrite   |
| 3353     | 83.0  | 87.5  | 4.5         | .66     | With 5-7% pyrrhotite, pyrite and chalcopyrite   |
| 3354     | 87.5  | 92.0  | 4.5         | .84     | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3355     | 92.0  | 94.5  | 2.5         | .89     | With 9-11% pyrrhotite, pyrite and chalcopyrite  |
| 3356     | 94.5  | 99.5  | 5.0         | .68     | With 7-9% pyrrhotite, pyrite and chalcopyrite   |
| 3357     | 99.5  | 104.5 | 5.0         | .94     | With 14-18% pyrrhotite, pyrite and chalcopyrite |
| 3358     | 104.5 | 107.1 | 2.6         | .46     | With 7-8% pyrrhotite, pyrite and chalcopyrite   |
| 3359     | 107.1 | 110.7 | 3.6         | .85     | With 8-10% pyrrhotite, pyrite and chalcopyrite  |
| 3360     | 110.7 | 114.0 | 3.3         | 1.02    | With 13-15% pyrrhotite, pyrite and chalcopyrite |
| 3361     | 114.0 | 117.0 | 3.0         | .93     | With 15-17% pyrrhotite, pyrite and chalcopyrite |
| 3362     | 117.0 | 119.8 | 2.8         | .61     | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3363     | 119.8 | 122.0 | 2.2         | 1.98    | With 18-20% pyrrhotite, pyrite and chalcopyrite |
| 3364     | 122.0 | 125.0 | 3.0         | .87     | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3365     | 125.0 | 128.7 | 3.7         | .65     | With 8-10% pyrrhotite, pyrite and chalcopyrite  |
| 3366     | 128.7 | 133.2 | 4.5         | .68     | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3367     | 133.2 | 135.5 | 2.3         | missing | With 13-15% pyrrhotite, pyrite and chalcopyrite |
| 3368     | 135.5 | 137.6 | 2.1         | .90     | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3369     | 137.6 | 140.6 | 3.0         | .64     | With 9-11% pyrrhotite, pyrite and chalcopyrite. |
| 3370     | 140.6 | 143.2 | 2.6         | .35     | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3371     | 143.2 | 148.2 | 5.0         | .34     | With 6-8% pyrrhotite, pyrite and chalcopyrite   |

| SAMPLE # | FROM  | TO    | LENGTH | %CU | DESCRIPTION                                     |
|----------|-------|-------|--------|-----|-------------------------------------------------|
| 3372     | 148.2 | 153.2 | 5.0    | .13 | With 7-9% pyrrhotite, pyrite, and chalcopyrite  |
| 3373     | 153.2 | 156.0 | 2.8    | .69 | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3374     | 156.0 | 160.0 | 4.0    | .44 | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3375     | 160.0 | 163.5 | 3.5    | .82 | With 14-16% pyrrhotite, pyrite and chalcopyrite |
| 3376     | 163.5 | 166.0 | 2.5    | .32 | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3377     | 166.0 | 171.0 | 5.0    | .11 | With 4-6% pyrrhotite, pyrite and chalcopyrite.  |
| 3378     | 171.0 | 176.0 | 5.0    | .09 | With 4-6% pyrrhotite, pyrite and chalcopyrite   |
| 3379     | 176.0 | 180.0 | 4.0    | .19 | With 4-6% pyrrhotite, pyrite and chalcopyrite   |
| 3380     | 180.0 | 183.8 | 3.8    | .33 | With 5-7% pyrrhotite, pyrite and chalcopyrite   |
| 3381     | 183.8 | 188.5 | 4.7    | .22 | With 4-6% pyrrhotite, pyrite and chalcopyrite   |
| 3382     | 188.5 | 191.5 | 3.0    | .11 | With 4-6% pyrrhotite, pyrite and chalcopyrite   |
| 3383     | 191.5 | 196.0 | 4.5    | .30 | With 6-8% pyrrhotite, pyrite and chalcopyrite.  |
| 3384     | 196.0 | 199.0 | 3.0    | .17 | With 8-10% pyrrhotite, pyrite and chalcopyrite  |
| 3385     | 199.0 | 202.5 | 3.5    | .14 | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3386     | 202.5 | 205.5 | 3.0    | .15 | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3387     | 205.5 | 207.5 | 2.0    | .08 | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3388     | 207.5 | 210.7 | 3.2    | .11 | With 10-12% pyrrhotite, pyrite and chalcopyrite |
| 3389     | 210.7 | 214.2 | 3.5    | .06 | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3390     | 214.2 | 218.9 | 4.7    | .10 | With 4-6% pyrrhotite, pyrite and chalcopyrite   |
| 3391     | 218.9 | 222.0 | 3.1    | .39 | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3392     | 222.0 | 224.3 | 2.3    | .71 | With 20-22% pyrrhotite, pyrite and chalcopyrite |
| 3393     | 224.3 | 228.6 | 4.3    | .91 | With 14-16% pyrrhotite, pyrite and chalcopyrite |
| 3394     | 228.6 | 231.0 | 2.4    | .16 | With 12-14% pyrrhotite, pyrite and chalcopyrite |
| 3395     | 231.0 | 236.0 | 5.0    | .19 | With 2-4% pyrrhotite, pyrite and chalcopyrite.  |