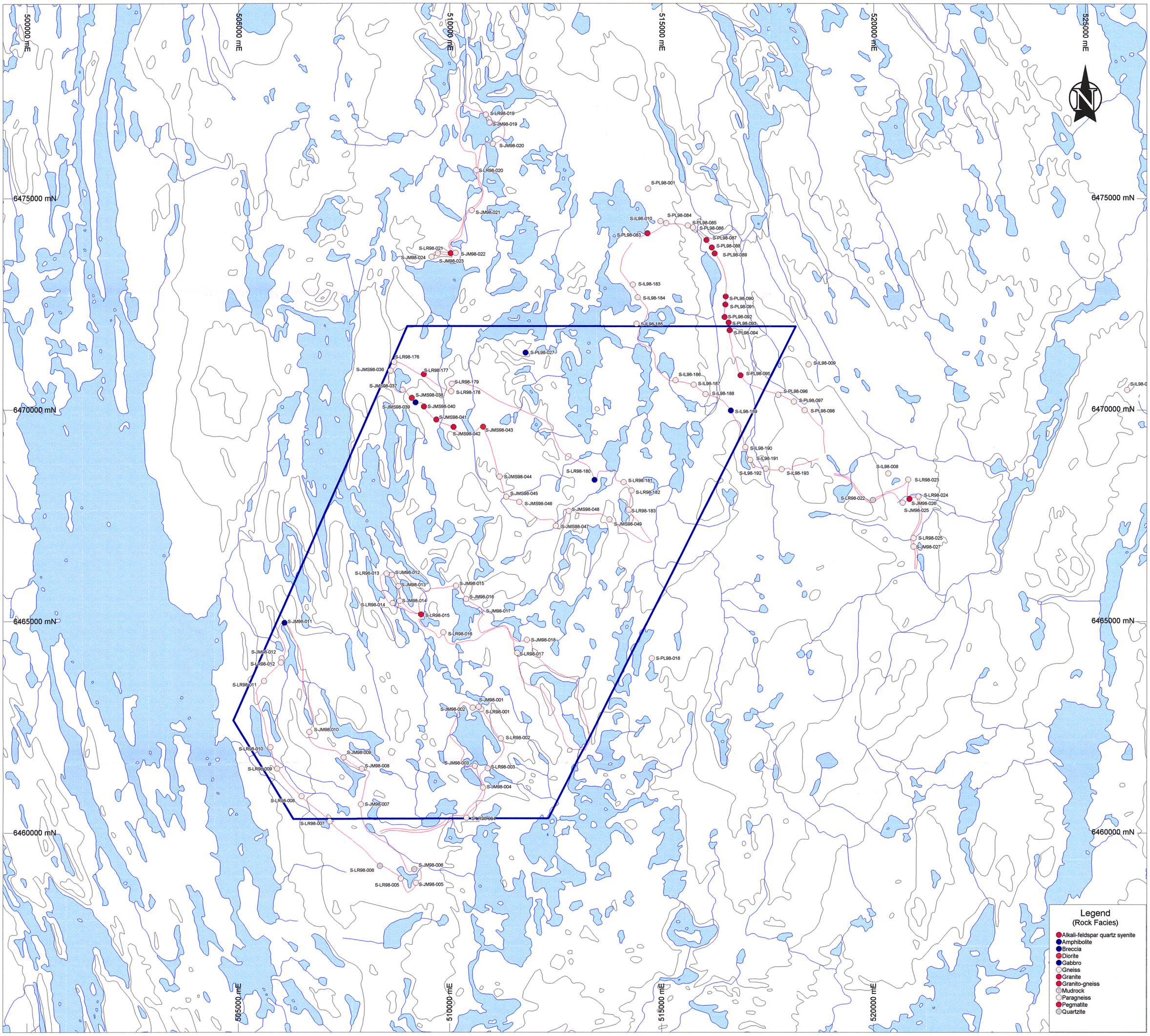



| ID_Assay | ID_Station | Type | Easting | Northing | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04001 | S-JM98-003 | WR | 510 596 | 6 461 586 | Gneiss | M1 | 57.88 | 1.12 | 16.81 | 8.67 | 0.09 | 3.38 | 3.74 | 3.95 | 0.24 | 0.06 | 2.12 | 1.01 | 99.08 | 1267 | 10 | 84 | 921 | 8 | 217 | -0.02 |
| QA04006 | S-JM98-009 | WR | 507 486 | 6 461 788 | Gneiss | M1 | 55.35 | 0.85 | 16.99 | 8.25 | 0.11 | 3.73 | 6.87 | 4.74 | 0.37 | 0.03 | 1.39 | 0.83 | 99.32 | 608 | 10 | 39 | 847 | 32 | 226 | -0.02 |
| QA04014 | S-JM98-021 | WR | 510 513 | 6 474 725 | Gneiss | M1 | 63.11 | 1.12 | 13.35 | 10.25 | 0.15 | 3.62 | 3.52 | 3.33 | 0.22 | 0.05 | 0.51 | 0.48 | 99.63 | 393 | 6 | 29 | 597 | 40 | 370 | -0.02 |
| QA04015 | S-JM98-022 | WR | 510 132 | 6 473 723 | Gneiss | M1 | 70.09 | 1.5 | 11.46 | 3.72 | 0.06 | 4.33 | 2.07 | 1.5 | 0.05 | 0.05 | 2.59 | 1.66 | 99.13 | 477 | 42 | 139 | 112 | 14 | 226 | 0.06 |
| QA04019 | S-JM98-026 | WR | 520 845 | 6 467 891 | Pegmatite | I1G | 72.12 | -0.01 | 16.28 | 0.72 | 0.11 | 0.06 | 0.9 | 5.19 | 0.02 | 0.02 | 4.58 | 0.27 | 100.36 | 680 | 32 | 117 | 178 | 43 | 77 | -0.02 |
| QA04123 | S-PL98-095 | WR | 516 855 | 6 470 814 | Granito-gneiss | M6 | 74.52 | 0.02 | 11.25 | 1.38 | 0.05 | 0.79 | 1.35 | 1.49 | 0.02 | 0.03 | 6.57 | 0.49 | 98.05 | 297 | 18 | 132 | 343 | 16 | 113 | -0.02 |
| QA04124 | S-PL98-098 | WR | 518 371 | 6 469 991 | Gneiss | M1 | 59.75 | 1.19 | 14.87 | 9.33 | 0.1 | 3.71 | 3.28 | 2.88 | 0.24 | 0.05 | 2.93 | 0.88 | 99.39 | 931 | 14 | 103 | 504 | 38 | 204 | 0.05 |
| QA04154 | S-LR98-004 | WR | 510 392 | 6 460 353 | Gneiss | M1 | 46.91 | 1.07 | 12.72 | 15.21 | 0.09 | 7.82 | 9.28 | 3.24 | 0.67 | 0.05 | 1.37 | 0.97 | 98.88 | 686 | -5 | 30 | 619 | 20 | 177 | 0.09 |
| QA04155 | S-LR98-005 | WR | 508 843 | 6 458 926 | Gneiss | M1 | 93.38 | 0.09 | 1.91 | 0.58 | 0.03 | 0.51 | 0.93 | 0.41 | 0.02 | 0.04 | 0.67 | 0.13 | 98.75 | 455 | 29 | 44 | 52 | 13 | 114 | -0.02 |
| QA04161 | S-LR98-011 | WR | 505 603 | 6 463 596 | Gneiss | M1 | 47.17 | 1.21 | 13.96 | 12.05 | 0.16 | 9.05 | 9.59 | 3.17 | 0.62 | 0.09 | 1.43 | 0.98 | 99 | 585 | 5 | 39 | 570 | 25 | 171 | -0.02 |
| QA04165 | S-LR98-015 | WR | 509 322 | 6 465 167 | Granito-gneiss | M6 | 63.91 | 0.7 | 16.61 | 4.39 | 0.06 | 1.26 | 3.76 | 5.25 | 0.23 | 0.02 | 1.68 | 0.57 | 98.42 | 831 | 8 | 56 | 1032 | 16 | 128 | 0.04 |
| QA04167 | S-LR98-017 | WR | 511 587 | 6 464 252 | Paragneiss | M4 | 59.29 | 0.88 | 12.66 | 9.55 | 0.22 | 5.49 | 6.14 | 2.97 | 0.28 | 0.04 | 1.61 | 0.93 | 99.88 | 491 | 13 | 51 | 203 | 24 | 211 | -0.02 |
| QA04935 | S-LR98-176 | WR | 508 687 | 6 471 132 | Paragneiss | M4 | 75.04 | 0.26 | 12.04 | 2.08 | 0.05 | 1.02 | 2.48 | 3.73 | 0.01 | 0.04 | 0.69 | 0.4 | 97.98 | 481 | 22 | 41 | 574 | 15 | 251 | 0.03 |
| QA04936 | S-LR98-177 | WR | 509 386 | 6 470 838 | Alkali-feldspar quartz syenite | I2A | 74.14 | 0.19 | 13.72 | 1.06 | 0.13 | 0.09 | 0.84 | 4.1 | 0.02 | 0.03 | 4.29 | 0.22 | 98.89 | 203 | 34 | 87 | 44 | 77 | 78 | -0.02 |
| QA04937 | S-LR98-179 | WR | 510 044 | 6 470 608 | Paragneiss | M4 | 70.9 | 0.26 | 14.59 | 2.16 | 0.06 | 2.21 | 3 | 3.83 | 0.07 | 0.05 | 1.17 | 0.66 | 99.1 | 530 | 23 | 56 | 599 | 43 | 94 | 0.02 |
| QA04938 | S-LR98-180 | WR | 513 416 | 6 468 347 | Gabbro | I3A | 52.39 | 1.02 | 14.02 | 10.26 | 0.17 | 4.7 | 9.69 | 4.37 | 0.34 | 0.08 | 1.11 | 0.71 | 98.99 | 648 | -5 | 27 | 454 | 19 | 161 | -0.02 |
| QA04975 | S-IL98-188 | WR | 516 028 | 6 470 370 | Gneiss | M1 | 54.12 | 1.17 | 20.85 | 7.38 | 0.1 | 1.84 | 6.36 | 6.05 | 0.43 | 0.03 | 0.65 | 0.44 | 99.62 | 464 | 8 | 33 | 1475 | 17 | 62 | 0.04 |
| QA04976 | S-IL98-189 | WR | 516 627 | 6 469 984 | Gabbro | I3A | 45.35 | 1.65 | 12.63 | 16.3 | 0.27 | 9.46 | 10.82 | 1.83 | 0.12 | 0.07 | 0.33 | 0.53 | 99.39 | 174 | -5 | 17 | 94 | 19 | 47 | -0.02 |
| QA06761 | S-JMS98-036 | WR | 508 600 | 6 470 925 | Gneiss | M1 | 62.15 | 0.69 | 15.27 | 7.34 | 0.13 | 3.36 | 2.89 | 4.01 | 0.21 | 0.03 | 2.5 | 0.62 | 99.4 | 1453 | 12 | 59 | 402 | 12 | 55 | 0.02 |
| QA06762 | S-JMS98-038 | WR | 509 099 | 6 470 279 | Diorite | I2J | 49.42 | 1.31 | 14.06 | 13.34 | 0.22 | 6.73 | 8.47 | 2.74 | 0.45 | 0.03 | 1.64 | 0.57 | 99.11 | 657 | -5 | 36 | 523 | 22 | 42 | 0.1 |
| QA06763 | S-JMS98-043 | WR | 510 784 | 6 469 602 | Diorite | I2J | 47.62 | 0.79 | 12.04 | 13.53 | 0.24 | 10.22 | 10.34 | 2.2 | 0.04 | 0.1 | 1.11 | 0.79 | 99.05 | 124 | -5 | 33 | 72 | 11 | 37 | 0.02 |
| QA06764 | S-JMS98-048 | WR | 512 810 | 6 467 603 | Gneiss | M1 | 53.23 | 1.3 | 17.68 | 9.12 | 0.11 | 3.78 | 5.74 | 4.89 | 0.54 | 0.03 | 2.04 | 0.57 | 99.24 | 922 | 16 | 66 | 898 | 21 | 225 | -0.02 |
| QA04057 | S-IL98-007 | WR | 525 988 | 6 470 471 | Gneiss | M1 | 68.94 | 0.22 | 17.37 | 1.98 | 0.04 | 0.65 | 2.47 | 6.24 | 0.04 | 0.04 | 1.35 | 0.58 | 100.03 | 425 | 23 | 70 | 868 | 10 | 80 | -0.02 |
| QA04093 | S-PL98-027 | WR | 1 998 | 143 | KUUJJUAQ | 24K7 | 19 | 83 | 511787 | 6471346 | 0 | Gabbro | I3A | | Chimitec L | XRF | | | 41.69 | 0.4 | 7.7 | 28.92 | 0.35 | 8.6 | 9.62 | 1.24 |

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

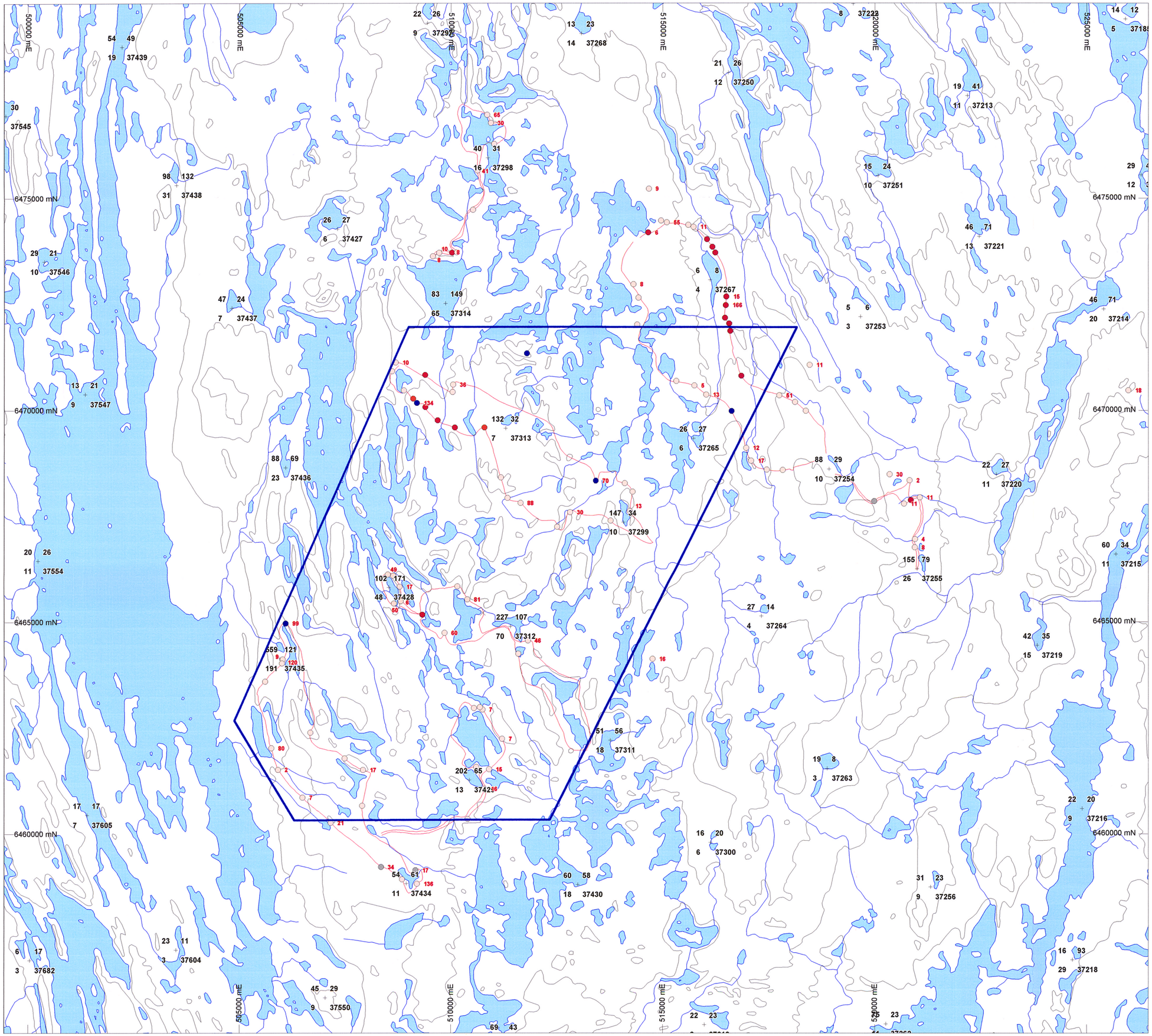
**GRAND-NORD PROJECT**
**PERMIT 1352**
**GEOLOGICAL STATIONS**

| | |
|---|---|
| Date:11/9/1998 | Drawing: |
| Author: | .wor name: |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres

MRN-GÉOINFORMATION 2001

GM 58329




Legend
(Rock Facies)

- Alkali-feldspar quartz syenite
- Amphibolite
- Breccia
- Diorite
- Gabbro
- Gneiss
- Granite
- Granito-gneiss
- Mudrock
- Paragneiss
- Pegmatite
- Quartzite

Cu Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

Geological Stations

MRN-GÉOINFORMATION 2001

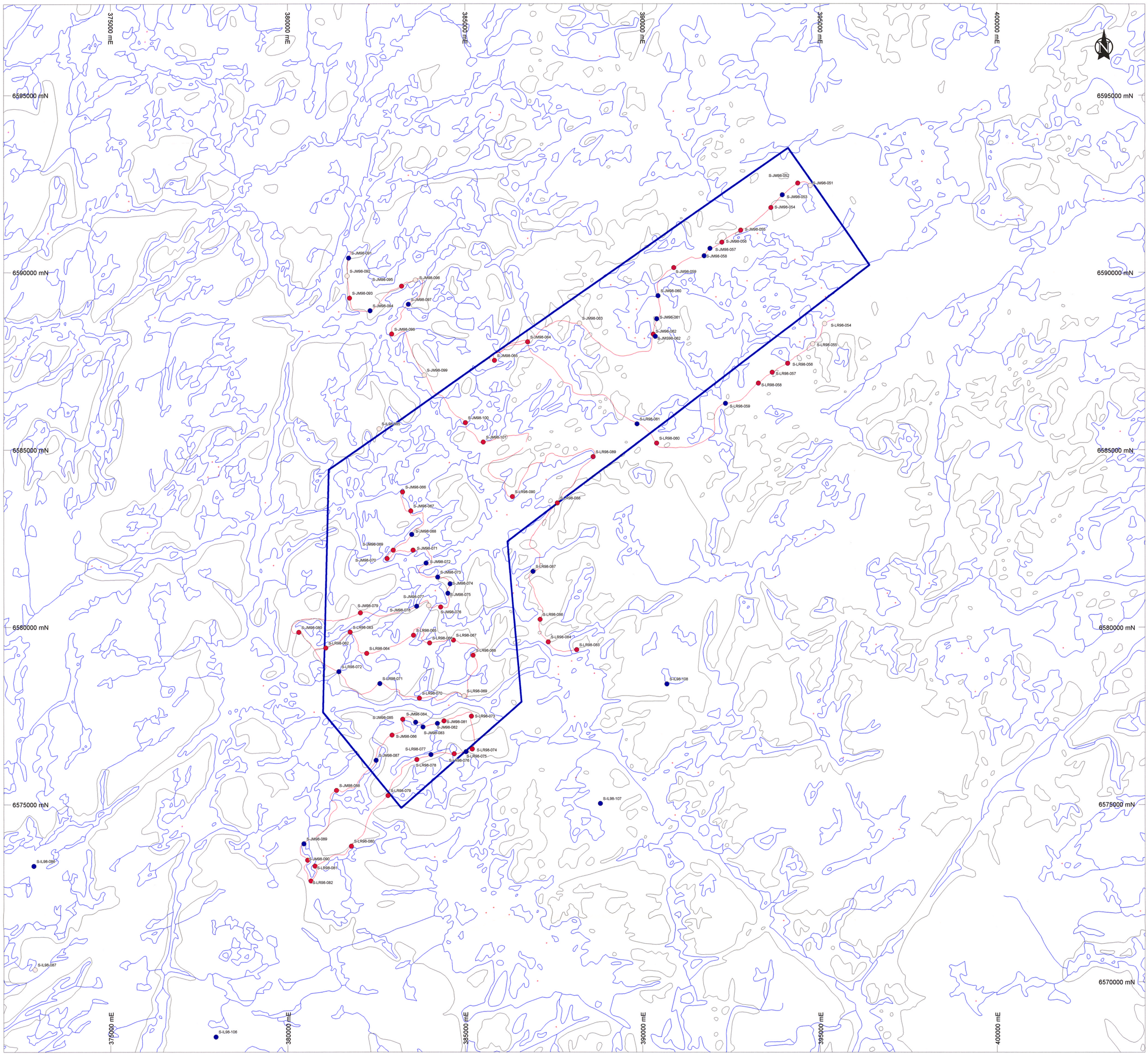
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND-NORD PROJECT
PERMIT 1352
NI ANALYSES AND NI LAKE BOTTOM ANOMALY

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lepine | .wor name: GN_1352_anom |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




| ID_Assay | ID_Station | Type | Easting | Northing | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04033 | S-JM98-051 | WR | 394 722 | 6 592 436 | Orthogneiss | M3 | 61.37 | 0.83 | 18.96 | 6.74 | 0.1 | 3.14 | 1.88 | 2.47 | 0.05 | 0.07 | 2.72 | 0.57 | 99.03 | 713 | 16 | 70 | 219 | 27 | 200 | 0.04 |
| QA04034 | S-JM98-052 | WR | 394 370 | 6 592 501 | Granite | I1B | 71.41 | 0.16 | 14.47 | 1.42 | 0.02 | 0.47 | 1.83 | 3.63 | 0.05 | 0.04 | 3.7 | 1.15 | 98.65 | 2122 | 21 | 89 | 691 | 10 | 69 | 0.02 |
| QA04035 | S-JM98-053 | WR | 393 934 | 6 592 171 | Gabbro | I3A | 67.18 | 0.3 | 16.21 | 3.57 | 0.04 | 0.9 | 3.26 | 4.68 | 0.18 | 0.03 | 1.56 | 1.67 | 99.7 | 525 | 17 | 49 | 295 | 18 | 284 | 0.03 |
| QA04036 | S-JM98-055 | WR | 392 762 | 6 591 177 | Tonalite | I1D | 74.39 | 0.06 | 13.81 | 0.83 | 0.01 | 0.25 | 1.08 | 3.02 | 0.01 | 0.04 | 4.89 | 0.8 | 99.43 | 1707 | 16 | 154 | 499 | 11 | 91 | -0.02 |
| QA04037 | S-JM98-057 | WR | 391 897 | 6 590 669 | Amphibolite | I4A | 47.14 | 0.3 | 7.74 | 12.37 | 0.23 | 19.41 | 8.6 | 0.74 | 0.02 | 0.39 | 0.22 | 2.19 | 99.38 | 191 | -5 | 18 | 13 | 8 | 20 | 0.04 |
| QA04038 | S-JM98-058 | WR | 391 734 | 6 590 461 | Amphibolite | I4A | 50.46 | 0.4 | 11.83 | 13.85 | 0.45 | 9.32 | 8.67 | 0.77 | 0.04 | 0.29 | 1.67 | 1.92 | 99.8 | 1051 | -5 | 46 | 128 | 13 | 30 | 0.51 |
| QA04039 | S-JM98-062 | WR | 390 300 | 6 588 252 | Granodiorite | I1C | 70.34 | 0.18 | 15.61 | 1.89 | 0.02 | 0.74 | 2.24 | 3.74 | 0.1 | 0.03 | 4.13 | 0.57 | 99.84 | 1729 | 12 | 111 | 377 | 11 | 255 | -0.02 |
| QA04040 | S-JM98-064 | WR | 386 770 | 6 588 037 | Granodiorite | I1C | 78.6 | 0.11 | 10.97 | 2.37 | 0.02 | 0.52 | 1.92 | 3.08 | 0.03 | 0.05 | 0.93 | 1.29 | 100 | 230 | 14 | 45 | 172 | 17 | 626 | 0.4 |
| QA04041 | S-JM98-067 | WR | 383 467 | 6 583 261 | Granodiorite | I1C | 68.69 | 0.35 | 15.52 | 3.02 | 0.04 | 1.12 | 3.56 | 4.56 | 0.11 | 0.04 | 1.34 | 1.4 | 99.89 | 766 | 17 | 46 | 452 | 14 | 113 | 0.02 |
| QA04042 | S-JM98-071 | WR | 383 532 | 6 582 153 | Granite | I1B | 54.59 | 1.54 | 16.6 | 9.22 | 0.13 | 2.5 | 5.82 | 4.39 | 0.57 | 0.02 | 2.33 | 1.62 | 99.53 | 1201 | 15 | 46 | 508 | 29 | 207 | 0.08 |
| QA04043 | S-JM98-077 | WR | 383 970 | 6 580 611 | Gneiss | M1 | 71.67 | 0.27 | 14.03 | 1.29 | 0.04 | 0.33 | 2.03 | 3.59 | 0.06 | 0.04 | 3.87 | 0.71 | 98.2 | 2079 | 20 | 89 | 381 | 10 | 136 | -0.02 |
| QA04044 | S-JM98-081 | WR | 384 405 | 6 577 358 | Granite | I1B | 61.47 | 0.68 | 16.56 | 6.13 | 0.09 | 3.02 | 4.01 | 4.64 | 0.2 | 0.05 | 1.47 | 1.11 | 99.55 | 524 | 16 | 61 | 491 | 13 | 76 | 0.03 |
| QA04045 | S-JM98-083 | WR | 383 812 | 6 577 185 | Amphibolite | I4A | 46.43 | 0.44 | 11.7 | 12 | 0.23 | 15.08 | 11.46 | 1.2 | 0.04 | 0.25 | 0.21 | 1.42 | 100.47 | 104 | -5 | 16 | 28 | 10 | 33 | 0.04 |
| QA04046 | S-JM98-086 | WR | 382 938 | 6 576 955 | Pegmatite | I1G | 68.2 | 0.55 | 12.46 | 10.25 | 0.08 | 0.26 | 2.2 | 4.16 | 0.01 | 0.03 | 1.24 | 0.31 | 99.83 | 199 | 12 | 41 | 205 | 8 | 309 | -0.02 |
| QA04047 | S-JM98-092 | WR | 381 674 | 6 589 893 | Gneiss | M1 | 47.92 | 1.49 | 13.89 | 18.24 | 0.26 | 5.14 | 10.45 | 2.6 | 0.17 | 0.02 | 0.29 | 0.22 | 100.75 | 322 | -5 | 12 | 122 | 25 | 124 | 0.02 |
| QA04048 | S-JM98-098 | WR | 382 929 | 6 588 257 | Granite | I1B | 71.66 | 0.24 | 14.34 | 2.47 | 0.04 | 0.89 | 1.95 | 4.42 | 0.04 | 0.04 | 1.92 | 1.69 | 99.83 | 817 | 19 | 51 | 218 | 10 | 225 | -0.02 |
| QA04049 | S-JM98-100 | WR | 385 007 | 6 585 770 | Granite | I1B | 72.74 | 0.16 | 15.08 | 1.52 | 0.02 | 0.46 | 3.59 | 4.44 | 0.04 | 0.04 | 0.94 | 0.48 | 99.66 | 506 | 17 | 35 | 482 | 17 | 473 | -0.02 |
| QA04050 | S-JM98-101 | WR | 385 514 | 6 585 220 | Granite | I1B | 63.04 | 0.64 | 15.33 | 6.61 | 0.11 | 2.97 | 5.55 | 4.23 | 0.15 | 0.05 | 0.79 | 0.22 | 99.78 | 476 | 15 | 23 | 286 | 22 | 123 | 0.02 |
| QA04128 | S-JM98-071 | WR | 383 532 | 6 582 153 | Granite | I1B | 72.65 | 0.31 | 14.38 | 1.49 | 0.02 | 0.43 | 2.21 | 4.1 | 0.04 | 0.06 | 2.49 | 0.71 | 99.09 | 1240 | 17 | 63 | 539 | 7 | 133 | 0.03 |
| QA04129 | S-JM98-092 | WR | 381 674 | 6 589 893 | Gneiss | M1 | 49.45 | 0.79 | 15.86 | 11.85 | 0.19 | 7.08 | 12.43 | 1.88 | 0.06 | 0.06 | 0.22 | 0.22 | 100.13 | 123 | 2.5 | 13 | 101 | 24 | 60 | 0.09 |
| QA04192 | S-LR98-054 | WR | 395 125 | 6 588 552 | Gneiss | M1 | 65.08 | 0.43 | 16.01 | 4.13 | 0.07 | 1.79 | 4.79 | 4.58 | 0.09 | 0.05 | 0.9 | 1.35 | 99.41 | 745 | 15 | 34 | 473 | 16 | 150 | 0.04 |
| QA04193 | S-LR98-056 | WR | 394 081 | 6 587 428 | Granite | I1B | 65.26 | 0.61 | 15.34 | 4.25 | 0.07 | 1.87 | 3.86 | 4.07 | 0.22 | 0.04 | 2.46 | 0.57 | 98.82 | 1168 | 12 | 72 | 606 | 16 | 167 | 0.02 |
| QA04194 | S-LR98-059 | WR | 392 329 | 6 586 312 | Pyroxenite | I4B | 48.89 | 0.39 | 15.06 | 10.84 | 0.18 | 10.84 | 10.09 | 1.7 | 0.03 | 0.12 | 0.71 | 0.48 | 99.35 | 106 | -5 | 27 | 84 | 10 | 25 | -0.02 |
| QA04195 | S-LR98-062 | WR | 381 073 | 6 579 409 | Granite | I1B | 67.67 | 0.45 | 15.8 | 3.37 | 0.04 | 1.25 | 3.49 | 5.09 | 0.12 | 0.04 | 0.87 | 1.31 | 99.83 | 553 | 13 | 35 | 532 | 8 | 228 | -0.02 |
| QA04196 | S-LR98-063 | WR | 381 758 | 6 579 854 | Granite | I1B | 60.57 | 0.92 | 15.91 | 8.02 | 0.14 | 3.32 | 5.67 | 3.84 | 0.28 | 0.04 | 0.58 | 0.31 | 99.68 | 340 | 15 | 25 | 248 | 17 | 204 | 0.02 |
| QA04197 | S-LR98-069 | WR | 384 971 | 6 578 060 | Gneiss | M1 | 68.61 | 0.27 | 16.43 | 2.02 | 0.03 | 0.78 | 3.4 | 5.15 | 0.08 | 0.03 | 1.16 | 0.79 | 98.89 | 543 | 17 | 40 | 564 | 12 | 140 | -0.02 |
| QA04198 | S-LR98-071 | WR | 382 595 | 6 578 404 | Gabbro | I3A | 47.65 | 1.83 | 12.23 | 18.2 | 0.24 | 6.09 | 11 | 2.21 | 0.15 | 0.04 | 0.22 | -0.04 | 99.86 | 216 | -5 | 12 | 103 | 24 | 79 | 0.17 |
| QA04200 | S-LR98-073 | WR | 385 171 | 6 577 493 | Granite | I1B | 71.38 | 0.52 | 14.08 | 4.08 | 0.03 | 0.47 | 2.31 | 4 | 0.06 | 0.03 | 2.4 | 0.8 | 100.33 | 1003 | 20 | 82 | 366 | 6 | 183 | -0.02 |
| QA04901 | S-LR98-075 | WR | 385 025 | 6 576 486 | Gabbro | I3A | 49.45 | 1.6 | 14.37 | 16.11 | 0.22 | 4.77 | 9.9 | 2.48 | 0.12 | 0.03 | 0.32 | 1.15 | 100.57 | 239 | -5 | 20 | 110 | 16 | 78 | 0.1 |
| QA04902 | S-LR98-078 | WR | 383 639 | 6 576 268 | Granite | I1B | 73.16 | 0.02 | 14.56 | 0.46 | 0.01 | 0.05 | 1.33 | 3.57 | 0.02 | 0.03 | 5.32 | 0.18 | 99.06 | 2636 | 19 | 163 | 582 | 10 | 31 | -0.02 |
| QA04903 | S-LR98-083 | WR | 388 143 | 6 579 362 | Granite | I1B | 73.71 | 0.12 | 14.5 | 1.33 | 0.02 | 0.31 | 1.91 | 3.74 | 0.03 | 0.03 | 3.81 | 0.39 | 100.07 | 1242 | 21 | 118 | 257 | 16 | 102 | -0.02 |
| QA04904 | S-LR98-084 | WR | 387 344 | 6 579 583 | Granite | I1B | 68.38 | 0.37 | 15.87 | 3.01 | 0.03 | 0.97 | 2.23 | 4.9 | 0.1 | 0.03 | 1.61 | 2.39 | 100.01 | 595 | 19 | 61 | 368 | 11 | 180 | -0.02 |
| QA04905 | S-LR98-087 | WR | 386 915 | 6 581 562 | Gabbro | I3A | 47.09 | 2.64 | 14.01 | 17.75 | 0.21 | 4.54 | 8.34 | 3.49 | 1.09 | 0.02 | 0.62 | 0.22 | 100.14 | 505 | -5 | 14 | 500 | 21 | 179 | 0.06 |

Legend
(Rock Facies)

- Amphibolite
- Gabbro
- Gabbronorite
- Gneiss
- Granite
- Granodiorite
- Orthogneiss
- Pegmatite
- Quartz vein
- Tonalite

Traverses

MRN-GÉOINFORMATION 2001

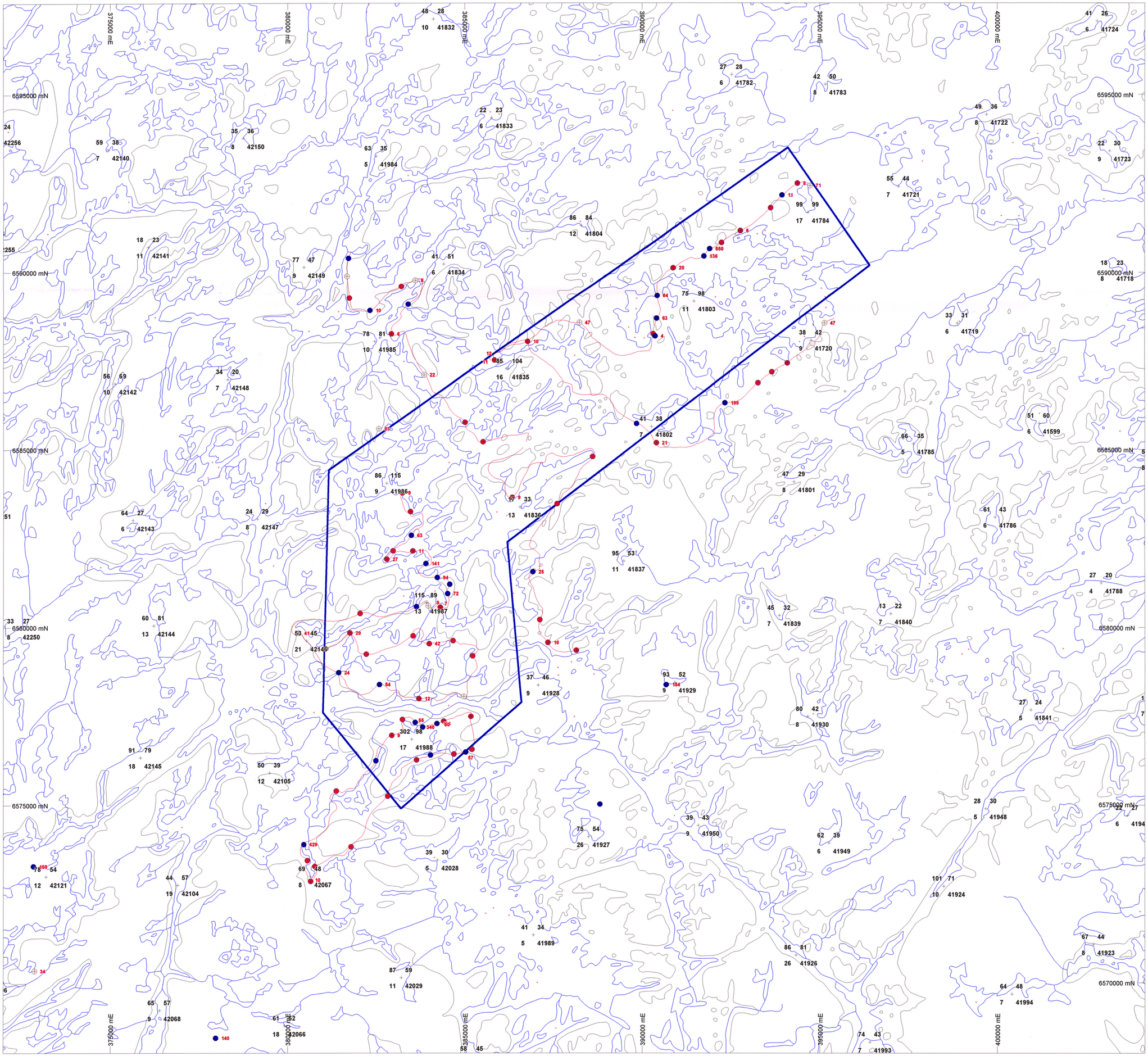
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

**GRAND NORD PROJECT**
**PERMIT 1353**
**GEOLOGICAL STATIONS**

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lépine | .wor name: GN_1353_geo |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




N

Legend
(Rock Facies)

- Amphibolite
- Gabbro
- Gabbronorite
- Gneiss
- Granite
- Granodiorite
- Orthogneiss
- Pegmatite
- Quartz vein
- Tonalite

Cu + Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

Geological Stations

MRN-GÉOINFORMATION 2001

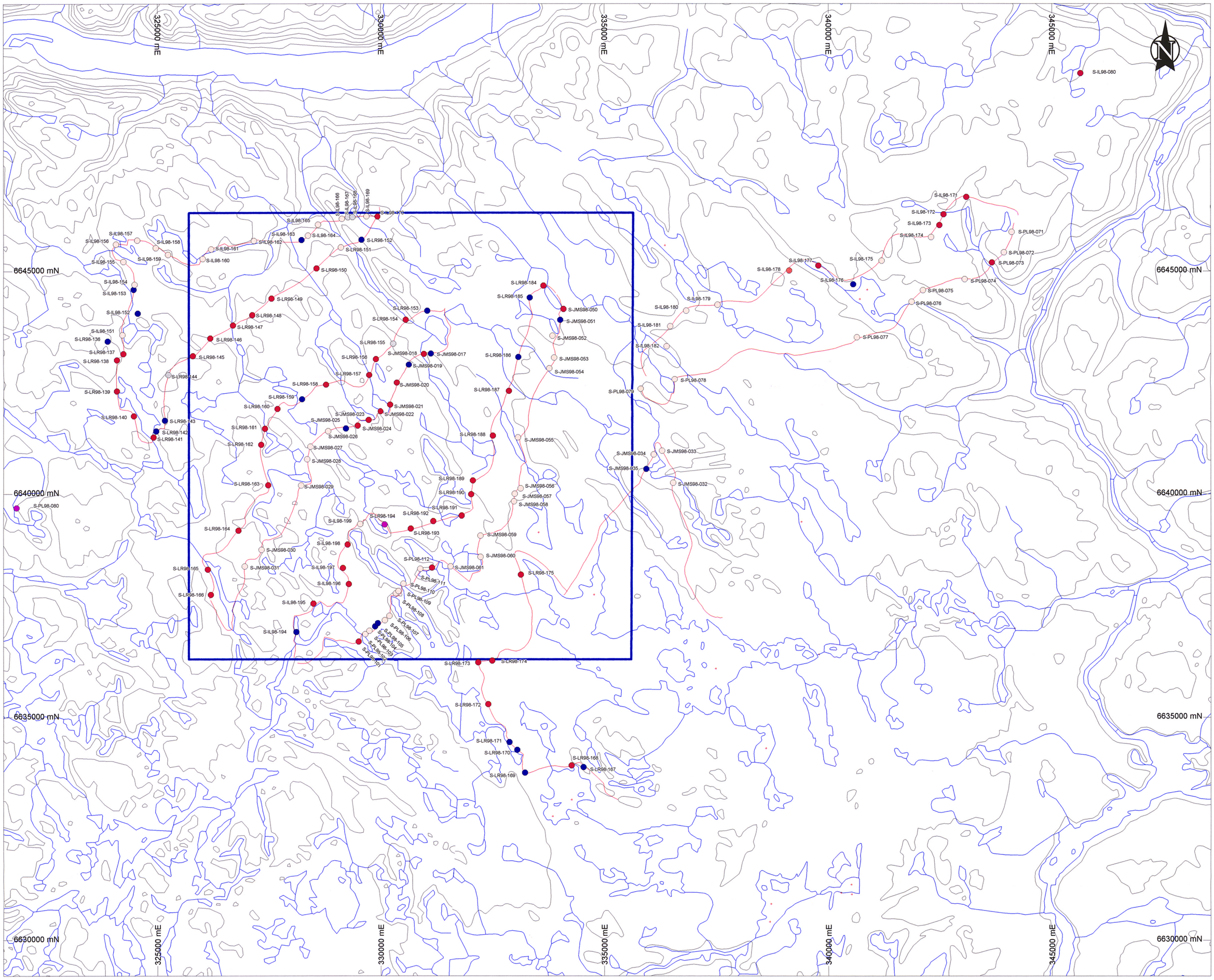
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND NORD PROJECT
PERMIT 1353
NI ASSAYS ANALYSES AND LAKE BOTTOM ANOMALY

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lepine | .wor name: gn_1353_anom |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




| ID_Assay | ID_Station | Type | Easting | Northing | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04122 | S-PL98-080 | WR | 657 885 | 6 638 770 | Pyroxenite | I4B | 39.7 | 0.11 | 2.35 | 11.73 | 0.21 | 31.22 | 2.42 | 0.18 | 0.01 | 0.17 | 0.03 | 11.3 | 99.43 | -50 | 5 | 17 | 12 | -5 | 12 | 0.12 |
| QA04125 | S-PL98-101 | WR | 665 774 | 6 636 491 | Granite | I1B | 71.28 | 0.3 | 15.43 | 1.48 | 0.02 | 0.35 | 2.64 | 5.26 | 0.05 | 0.04 | 1.58 | 0.05 | 98.62 | 562 | 14 | 62 | 669 | 7 | 126 | 0.01 |
| QA04126 | S-PL98-104 | WR | 666 109 | 6 636 867 | Gabbro | I3A | 53.18 | 0.25 | 6.02 | 9.21 | 0.12 | 12.74 | 11.44 | 1.23 | 0.02 | 0.11 | 0.65 | 3.89 | 98.89 | 101 | 5 | 36 | 95 | 6 | 37 | 0.1 |
| QA04127 | S-PL98-108 | WR | 666 508 | 6 637 643 | Gneiss | M1 | 72.39 | 0.21 | 15.34 | 1.81 | 0.02 | 0.42 | 2.23 | 4.88 | 0.05 | 0.06 | 2.34 | 0.27 | 100.21 | 972 | 16 | 76 | 629 | 12 | 121 | 0.01 |
| QA04131 | S-PL98-112 | WR | 667 262 | 6 638 290 | Granite | I1B | 73.35 | 0.13 | 13.96 | 1.04 | 0.02 | 0.21 | 0.92 | 3.06 | 0.06 | 0.04 | 5.62 | 0.31 | 98.83 | 641 | 22 | 230 | 118 | 12 | 67 | -0.02 |
| QA04921 | S-LR98-136 | WR | 659 574 | 6 642 687 | Gabbronorite | I3Q | 47.39 | 0.81 | 13.07 | 13.46 | 0.21 | 8.59 | 10.95 | 2.11 | 0.05 | 0.06 | 0.53 | 1.49 | 98.75 | 141 | -5 | 28 | 72 | 16 | 37 | -0.02 |
| QA04922 | S-LR98-137 | WR | 659 951 | 6 642 433 | Granite | I1B | 68.33 | 0.26 | 16.36 | 2.27 | 0.03 | 0.56 | 2.68 | 5.39 | 0.09 | 0.03 | 2.14 | 0.62 | 99.01 | 1310 | 15 | 77 | 1018 | 11 | 171 | 0.02 |
| QA04923 | S-LR98-144 | WR | 660 993 | 6 642 055 | Iron formation | S9 | 54.85 | 1.14 | 14.61 | 13.75 | 0.35 | 3.32 | 6.83 | 2.48 | 0.21 | 0.04 | 1.09 | 0.66 | 99.4 | 271 | 7 | 38 | 135 | 22 | 154 | 0.07 |
| QA04924 | S-LR98-150 | WR | 664 079 | 6 644 731 | Granite | I1B | 63.3 | 0.43 | 18.88 | 2.26 | 0.02 | 1.37 | 0.52 | 10.33 | 0.1 | 0.02 | 0.09 | 0.89 | 98.25 | 53 | 28 | 33 | 76 | 17 | 182 | -0.02 |
| QA04926 | S-LR98-153 | WR | 666 639 | 6 644 018 | Gabbro | I3A | 48.75 | 0.83 | 16.23 | 13.8 | 0.44 | 3.25 | 12.69 | 2.36 | 0.05 | 0.06 | 0.08 | 0.66 | 99.24 | 152 | -5 | 16 | 98 | 9 | 33 | 0.06 |
| QA04927 | S-LR98-154 | WR | 666 180 | 6 643 776 | Granite | I1B | 71.08 | 0.32 | 13.8 | 2.92 | 0.04 | 0.51 | 1.7 | 3.78 | 0.09 | 0.03 | 4.11 | 0.4 | 98.91 | 698 | 21 | 163 | 167 | 24 | 228 | -0.02 |
| QA04928 | S-LR98-155 | WR | 665 948 | 6 643 213 | Iron formation | S9 | 53.89 | 0.61 | 16.32 | 18.46 | 0.13 | 3.32 | 2.42 | 1.44 | 0.07 | 0.08 | 2.82 | 0.13 | 99.8 | 602 | -5 | 139 | 283 | 14 | 84 | -0.02 |
| QA04929 | S-LR98-159 | WR | 664 024 | 6 641 771 | Gabbro | I3A | 47.3 | 1.46 | 14.74 | 14.62 | 0.21 | 6.9 | 9.39 | 2.41 | 0.22 | 0.03 | 0.98 | 0.84 | 99.15 | 284 | -5 | 28 | 98 | 24 | 80 | 0.12 |
| QA04942 | S-LR98-194 | WR | 666 122 | 6 639 158 | Pyroxenite | I4B | 37.62 | 0.13 | 2.79 | 14.66 | 0.17 | 30.93 | 1.7 | 0.14 | 0.02 | 0.65 | 0.02 | 10.49 | 99.32 | 25 | 2.5 | 12 | 15 | 2.5 | 9 | 0.11 |
| QA04966 | S-IL98-151 | WR | 659 888 | 6 642 860 | Gneiss | M1 | 66.65 | 0.44 | 16.56 | 2.73 | 0.04 | 0.87 | 3 | 5.48 | 0.12 | 0.04 | 1.95 | 0.31 | 98.43 | 1026 | 12 | 65 | 1104 | 19 | 180 | -0.02 |
| QA04967 | S-IL98-152 | WR | 660 187 | 6 643 369 | Gabbro | I3A | 71.18 | 0.16 | 15.28 | 1.5 | 0.02 | 0.34 | 1.57 | 6.41 | 0.04 | 0.03 | 1.56 | 0.58 | 98.84 | 982 | 25 | 58 | 593 | 7 | 132 | -0.02 |
| QA04968 | S-IL98-153 | WR | 660 046 | 6 643 889 | Gabbro | I3A | 58.61 | 0.85 | 16.27 | 6.38 | 0.1 | 3.45 | 5.06 | 5.81 | 0.17 | 0.03 | 0.85 | 1.41 | 99.08 | 314 | 11 | 39 | 258 | 20 | 292 | 0.04 |
| QA04969 | S-IL98-161 | WR | 661 694 | 6 644 942 | Gneiss | M1 | 72.29 | 0.11 | 14.87 | 1.45 | 0.02 | 0.38 | 2.37 | 4.19 | 0.05 | 0.03 | 2.89 | 0.4 | 99.29 | 1403 | 19 | 92 | 707 | 10 | 93 | -0.02 |
| QA04970 | S-IL98-163 | WR | 663 689 | 6 645 329 | Gabbro | I3A | 46.76 | 1.26 | 14.9 | 14.24 | 0.23 | 6.12 | 11.59 | 2.12 | 0.08 | 0.05 | 0.15 | 2.07 | 99.61 | 157 | -5 | 15 | 184 | 17 | 66 | 0.03 |
| QA04971 | S-IL98-165 | WR | 664 027 | 6 645 703 | Gneiss | M1 | 63.92 | 0.63 | 14.85 | 7.79 | 0.06 | 2.91 | 2.02 | 1.55 | 0.05 | 0.06 | 3.79 | 1.01 | 98.76 | 763 | 12 | 165 | 97 | 8 | 121 | -0.02 |
| QA04972 | S-IL98-167 | WR | 664 679 | 6 645 932 | Paraschist | M10 | 68.85 | 0.6 | 15.84 | 4.61 | 0.05 | 1.61 | 1.98 | 2.29 | 0.05 | 0.05 | 1.81 | 1.32 | 99.16 | 550 | 15 | 85 | 241 | 16 | 127 | 0.09 |
| QA04973 | S-IL98-168 | WR | 664 776 | 6 645 941 | Paraschist | M10 | 47.04 | 1.26 | 13.93 | 16.93 | 0.43 | 5.51 | 11.7 | 1.86 | 0.11 | 0.04 | 0.29 | 0.4 | 99.54 | 201 | -5 | 25 | 60 | 18 | 61 | -0.02 |
| QA04977 | S-IL98-194 | WR | 664 364 | 6 636 579 | Gabbronorite | I3Q | 66.28 | 0.47 | 15.88 | 4.74 | 0.07 | 1.69 | 4.38 | 4.23 | 0.12 | 0.04 | 1.27 | 0.35 | 99.61 | 428 | 17 | 61 | 298 | 10 | 155 | 0.02 |
| QA04978 | S-IL98-196 | WR | 665 435 | 6 637 754 | Tonalite | I1D | 56.61 | 0.4 | 17.84 | 6.9 | 0.12 | 4.5 | 7.96 | 4.35 | 0.03 | 0.05 | 0.93 | 0.4 | 100.16 | 195 | 11 | 35 | 327 | 12 | 87 | 0.01 |
| QA06756 | S-JMS98-017 | WR | 666 808 | 6 643 066 | Gabbro | I3A | 56.6 | 0.95 | 20.84 | 10.19 | 0.11 | 5.05 | 0.95 | 0.99 | 0.06 | 0.09 | 2.2 | 1.53 | 99.65 | 567 | 10 | 97 | 150 | 16 | 114 | 0.14 |
| QA06757 | S-JMS98-019 | WR | 666 340 | 6 642 772 | Gabbro | I3A | 65.66 | 0.52 | 13.12 | 8.59 | 0.1 | 2.54 | 2.21 | 2.28 | 0.1 | 0.07 | 3.12 | 0.7 | 99.09 | 290 | 8 | 288 | 130 | 9 | 102 | -0.02 |
| QA06758 | S-JMS98-025 | WR | 665 061 | 6 641 205 | Gabbro | I3A | 48.74 | 1.06 | 13.87 | 13.83 | 0.19 | 6.93 | 11.39 | 2.41 | 0.09 | 0.04 | 0.3 | 0.62 | 99.51 | 138 | -5 | 22 | 105 | 15 | 59 | 0.06 |
| QA06759 | S-JMS98-026 | WR | 664 667 | 6 641 107 | Gneiss | M1 | 68.57 | 0.28 | 16.93 | 2.2 | 0.03 | 0.6 | 3.35 | 5.72 | 0.09 | 0.03 | 1.32 | 0.31 | 99.65 | 956 | 11 | 61 | 1036 | 10 | 179 | -0.02 |
| QA04117 | S-PL98-071 | WR | 344 097 | 6 645 875 | Gneiss | M1 | 72.9 | 0.04 | 14.86 | 0.72 | 0.01 | 0.28 | 1.87 | 3.73 | 0.04 | 0.04 | 4.24 | 0.35 | 99.28 | 1363 | 17 | 141 | 433 | 9 | 89 | -0.02 |
| QA04118 | S-PL98-073 | WR | 343 656 | 6 645 192 | Granite | I1B | 63.76 | 0.67 | 14.82 | 5.49 | 0.1 | 1.52 | 5.44 | 5.18 | 0.17 | 0.04 | 0.1 | 1.36 | 98.74 | -50 | 20 | 25 | 660 | 27 | 181 | -0.02 |
| QA04119 | S-PL98-075 | WR | 342 114 | 6 644 572 | Gneiss | M1 | 66.92 | 0.54 | 15.19 | 3.27 | 0.05 | 1.26 | 3.3 | 3.91 | 0.15 | 0.03 | 2.19 | 1.41 | 98.34 | 534 | 16 | 88 | 366 | 11 | 138 | 0.06 |
| QA04120 | S-PL98-077 | WR | 340 638 | 6 643 524 | Gneiss | M1 | 72.75 | 0.14 | 13.63 | 1.48 | 0.02 | 0.34 | 1.33 | 4.05 | 0.02 | 0.04 | 3.22 | 0.84 | 97.98 | 714 | 18 | 111 | 227 | 7 | 102 | -0.02 |
| QA04121 | S-PL98-079 | WR | 335 816 | 6 642 361 | Gneiss | M1 | 70.1 | 0.34 | 16.03 | 2.35 | 0.02 | 0.71 | 3.36 | 5.11 | 0.1 | 0.04 | 0.89 | 0.31 | 99.47 | 328 | 10 | 63 | 484 | 16 | 182 | -0.02 |
| QA04930 | S-LR98-167 | WR | 334 531 | 6 633 886 | Gabbro | I3A | 49.46 | 1.22 | 14.1 | 13.89 | 0.22 | 6.58 | 10.47 | 2.22 | 0.08 | 0.05 | 0.28 | 0.85 | 99.45 | 159 | -5 | 20 | 78 | 19 | 61 | 0.07 |
| QA04931 | S-LR98-167 | WR | 334 531 | 6 633 886 | Gabbro | I3A | 3.59 | 0.01 | 0.37 | 0.94 | 0.36 | 2.6 | 50.87 | 0.02 | 0.01 | -0.01 | 0.01 | 39.75 | 98.53 | -50 | -5 | -5 | 99 | -5 | -5 | 0.05 |
| QA04932 | S-LR98-169 | WR | 333 221 | 6 633 764 | Gabbro | I3A | 50.86 | 0.4 | 17.28 | 7.68 | 0.14 | 6.44 | 9.1 | 3.02 | 0.04 | 0.04 | 2.04 | 2.11 | 99.23 | 436 | 7 | 76 | 306 | 10 | 50 | -0.02 |
| QA04933 | S-LR98-172 | WR | 332 402 | 6 635 297 | Granite | I1B | 72.21 | 0.23 | 14.83 | 1.01 | 0.01 | 0.71 | 0.82 | 6.95 | 0.04 | 0.03 | 0.59 | 0.71 | 98.2 | 147 | 23 | 41 | 179 | 11 | 150 | -0.02 |
| QA04934 | S-LR98-175 | WR | 333 129 | 6 638 207 | Granite | I1B | 72.42 | 0.27 | 13.75 | 1.46 | 0.02 | 0.29 | 1.15 | 3.34 | 0.05 | 0.03 | 4.86 | 0.49 | 98.28 | 871 | 16 | 201 | 273 | 11 | 160 | -0.02 |
| QA04939 | S-LR98-184 | WR | 333 636 | 6 644 679 | Granite | I1B | 75.09 | 0.19 | 13.17 | 1.04 | 0.02 | 0.14 | 0.6 | 2.74 | 0.02 | 0.04 | 5.71 | 0.31 | 99.2 | 994 | 17 | 158 | 113 | 19 | 74 | 0.01 |
| QA04940 | S-LR98-185 | WR | 333 331 | 6 644 413 | Gabbro | I3A | 47.01 | 3.6 | 11.91 | 20.97 | 0.28 | 4.24 | 9.16 | 2.3 | 0.36 | 0.03 | 0.68 | -0.45 | 100.16 | 322 | 2.5 | 27 | 129 | 39 | 202 | 0.07 |
| QA04941 | S-LR98-186 | WR | 333 080 | 6 643 083 | Gabbro | I3A | 47.78 | 0.78 | 17.81 | 10.75 | 0.19 | 5 | 14.72 | 1.73 | 0.08 | 0.05 | 0.25 | 0.93 | 100.08 | 98 | 2.5 | 22 | 156 | 10 | 40 | 0.09 |
| QA04974 | S-IL98-176 | WR | 340 558 | 6 644 707 | Gabbro | I3A | 47.32 | 0.77 | 12 | 13.55 | 0.24 | 10.2 | 10.3 | 2.38 | 0.05 | 0.1 | 1.12 | 1.1 | 99.16 | 172 | -5 | 35 | 75 | 10 | 39 | 0.05 |
| QA06760 | S-JMS98-035 | WR | 335 934 | 6 640 559 | Hornblendite | I4A | 54.06 | 1.93 | 13.08 | 14.39 | 0.26 | 3.5 | 7.42 | 2.82 | 0.22 | 0.03 | 0.7 | 1.37 | 99.83 | 232 | -5 | 28 | 130 | 36 | 142 | 0.09 |
| QA06765 | S-JMS98-051 | WR | 334 015 | 6 643 916 | Gabbro | I3A | 46.93 | 3.46 | 12.1 | 20.35 | 0.27 | 4.78 | 9.38 | 2.27 | 0.31 | 0.04 | 0.57 | -0.22 | 100.31 | 301 | 2.5 | 22 | 123 | 30 | 175 | 0.05 |
| QA06766 | S-JMS98-059 | WR | 332 228 | 6 639 080 | Gneiss | M1 | 50.55 | 0.76 | 13.74 | 13.35 | 0.27 | 6.71 | 11.03 | 2.53 | 0.12 | 0.05 | 0.67 | 0.48 | 100.29 | 119 | 2.5 | 33 | 89 | 18 | 46 | 0.01 |

Legend
(Rock Facies)

- Gabbro
- Gabbronorite
- Gneiss
- Granite
- Hornblendite
- Iron formation
- Monzonite
- Paraschist
- Pyroxenite
- Tonalite

Traverses

MRN-GÉOINFORMATION 2001

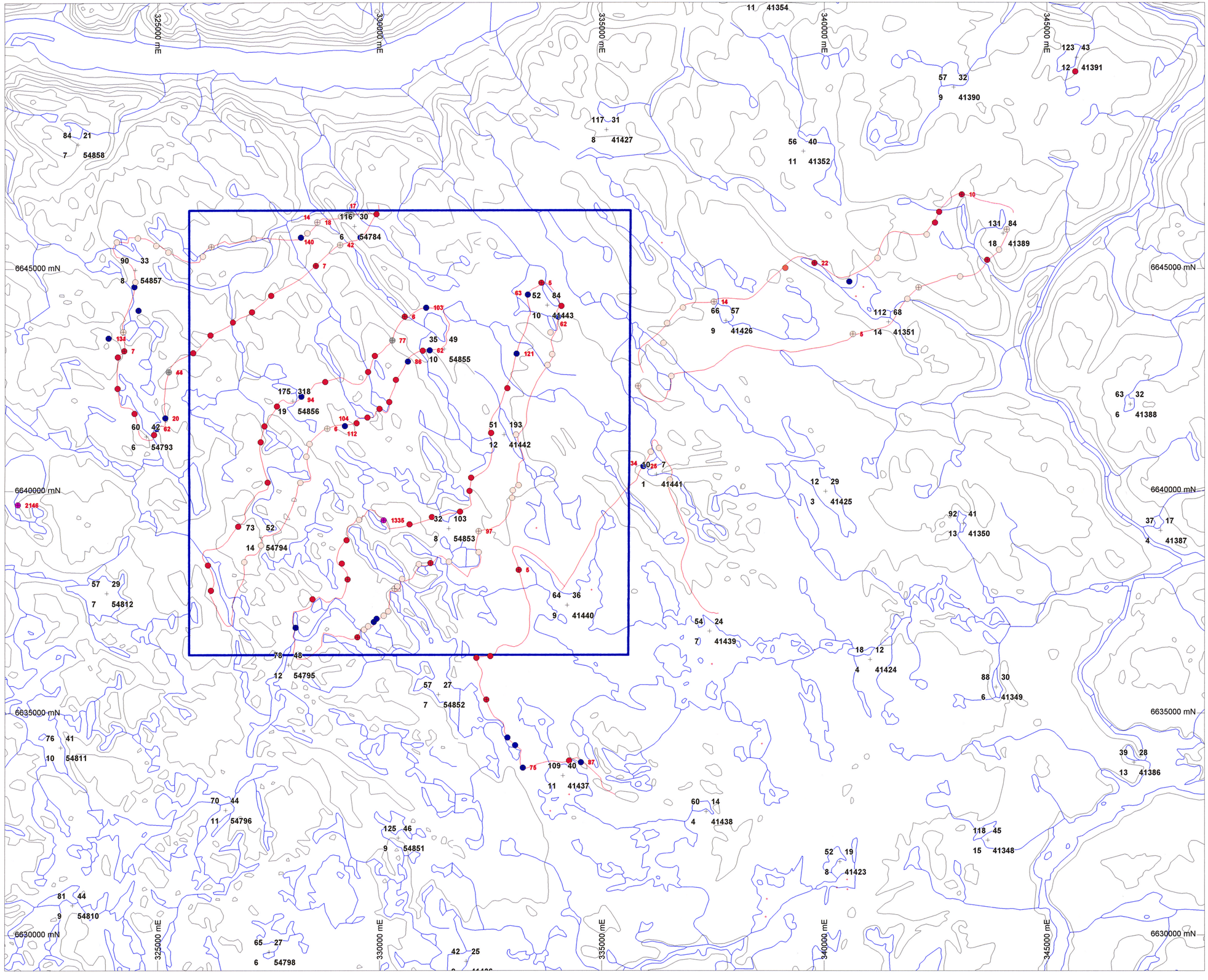
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

**GRAND NORD PROJECT**
**PERMIT 1354**
**GEOLOGICAL STATIONS**

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lépine | .wor name: GN_1354_geo |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




Legend
(Rock Facies)

- Gabbro
- Gabbronorite
- Gneiss
- Granite
- Hornblendite
- Iron formation
- Monzonite
- Paraschist
- Pyroxenite
- Tonalite

Cu Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

Geological Stations

MRN-GÉOINFORMATION 2001

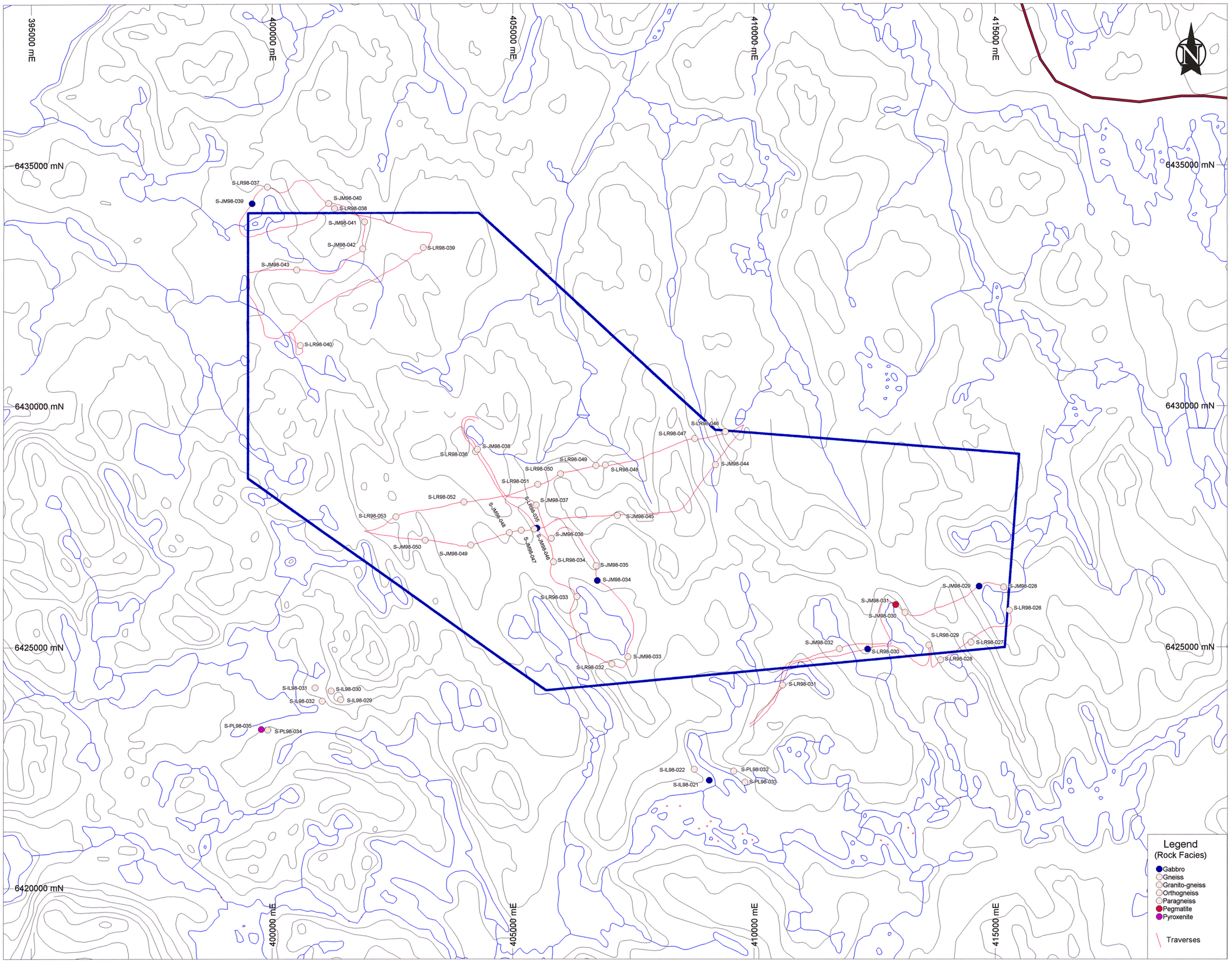
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND NORD PROJECT
PERMIT 1354
NI ASSAYS ANALYSES AND LAKE BOTTOM ANOMALY

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lepine | .wor name: gn_1354_anom |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




| ID_Assay | ID_Station | Type | Easting | Northing | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04021 | S-JM98-030 | WR | 413 124 | 6 425 718 | Gneiss | M1 | 62.45 | 0.78 | 14.38 | 7.31 | 0.1 | 3.67 | 4.73 | 2.47 | 0.13 | 0.06 | 3.37 | 0.66 | 100.26 | 916 | 14 | 129 | 253 | 14 | 195 | 0.04 |
| QA04022 | S-JM98-031 | WR | 412 932 | 6 425 876 | Pegmatite | I1G | 72.71 | 0.1 | 13.74 | 1.87 | 0.01 | 0.22 | 0.99 | 1.95 | 0.03 | 0.03 | 6.96 | 0.58 | 99.49 | 1706 | 9 | 168 | 389 | 18 | 601 | -0.02 |
| QA04023 | S-JM98-034 | WR | 406 329 | 6 426 048 | Gabbro | I3A | 53.8 | 0.98 | 10.12 | 9.13 | 0.16 | 9.05 | 11.04 | 2.31 | 0.14 | 0.06 | 2.52 | 0.4 | 99.82 | 633 | 7 | 114 | 231 | 17 | 113 | 0.04 |
| QA04024 | S-JM98-037 | WR | 404 222 | 6 429 056 | Gneiss | M1 | 50.1 | 1.27 | 21.9 | 13.46 | 0.13 | 4.34 | 3.06 | 3.64 | 0.04 | 0.09 | 1.7 | 0.04 | 99.89 | 624 | 34 | 80 | 243 | 34 | 198 | 0.08 |
| QA04025 | S-JM98-040 | WR | 406 726 | 6 426 682 | Paragneiss | M4 | 52.45 | 1.04 | 21.7 | 6.28 | 0.07 | 2.52 | 3.32 | 2.32 | 0.04 | 0.06 | 1.38 | 7.99 | 99.26 | 423 | 28 | 60 | 213 | 10 | 159 | 0.28 |
| QA04026 | S-JM98-043 | WR | 404 263 | 6 429 103 | Gneiss | M1 | 65.91 | 0.96 | 14.61 | 5.91 | 0.08 | 0.81 | 3.4 | 3.42 | 0.35 | 0.04 | 4.06 | 0.4 | 100.19 | 1454 | 17 | 123 | 340 | 46 | 493 | -0.02 |
| QA04029 | S-JM98-044 | WR | 409 195 | 6 428 782 | Orthogneiss | M3 | 68.17 | 0.78 | 14.48 | 4.34 | 0.07 | 0.76 | 3.19 | 3.45 | 0.26 | 0.02 | 3.95 | 0.49 | 99.92 | 1234 | 20 | 114 | 310 | 49 | 441 | -0.02 |
| QA04030 | S-JM98-047 | WR | 405 173 | 6 427 425 | Gneiss | M1 | 59.69 | 1.25 | 13.74 | 10.52 | 0.12 | 3.61 | 5.24 | 3.82 | 0.11 | 0.02 | 1.05 | 0.57 | 99.72 | 387 | 10 | 36 | 289 | 23 | 153 | 0.08 |
| QA04031 | S-JM98-048 | WR | 404 927 | 6 427 378 | Orthogneiss | M3 | 61.63 | 0.51 | 21.03 | 4.02 | 0.04 | 1.74 | 3.17 | 5.4 | 0.05 | 0.04 | 1.36 | 0.71 | 99.8 | 426 | 14 | 77 | 842 | 13 | 175 | 0.04 |
| QA04032 | S-JM98-050 | WR | 405 989 | 6 428 596 | Paragneiss | M4 | 72.78 | 0.22 | 14.16 | 1.79 | 0.03 | 0.61 | 2.27 | 3.71 | 0.06 | 0.03 | 3.46 | 0.49 | 99.7 | 970 | 23 | 117 | 266 | 10 | 135 | -0.02 |
| QA04096 | S-IL98-021 | WR | 409 072 | 6 422 221 | Gabbro | I3A | 48.13 | 1.23 | 14.07 | 13.08 | 0.2 | 7.86 | 11.48 | 2.72 | 0.08 | 0.09 | 0.75 | 0.57 | 100.3 | 168 | -5 | 18 | 104 | 12 | 48 | -0.02 |
| QA04097 | S-IL98-022 | WR | 408 762 | 6 422 450 | Gneiss | M1 | 63.08 | 1.67 | 13.64 | 7.84 | 0.11 | 1.33 | 4.12 | 3.07 | 0.59 | 0.02 | 3.64 | 0.22 | 99.58 | 1534 | 16 | 83 | 336 | 46 | 519 | -0.02 |
| QA04105 | S-PL98-032 | WR | 409 574 | 6 422 410 | Gneiss | M1 | 75.75 | 0.07 | 14.11 | 0.53 | 0.01 | 0.19 | 1.23 | 3.2 | 0.01 | 0.03 | 5.05 | 0.26 | 100.66 | 1488 | 20 | 150 | 508 | 9 | 63 | -0.02 |
| QA04106 | S-PL98-034 | WR | 399 906 | 6 423 275 | Gneiss | M1 | 63.08 | 0.53 | 15.62 | 9.56 | 0.16 | 2.1 | 0.85 | 0.44 | 0.4 | 0.05 | 4.97 | 2.35 | 100.29 | 1292 | 9 | 172 | 81 | 29 | 162 | -0.02 |
| QA04107 | S-PL98-035 | WR | 399 773 | 6 423 288 | Pyroxenite | I4B | 41.12 | 0.35 | 5.55 | 12.26 | 0.17 | 25.55 | 5.49 | 0.28 | 0.03 | 0.63 | 0.05 | 8.76 | 100.26 | 52 | 6 | 13 | 20 | 7 | 21 | 0.15 |
| QA04176 | S-LR98-026 | WR | 415 289 | 6 425 764 | Gneiss | M1 | 63.06 | 0.55 | 15.96 | 4.89 | 0.07 | 2.83 | 5.39 | 3.89 | 0.11 | 0.03 | 1.27 | 0.4 | 98.55 | 313 | 13 | 66 | 405 | 11 | 189 | -0.02 |
| QA04177 | S-LR98-027 | WR | 414 494 | 6 425 105 | Paragneiss | M4 | 71.15 | 0.46 | 13.46 | 4.95 | 0.08 | 1.53 | 2.34 | 2.69 | 0.02 | 0.05 | 2.58 | 0.31 | 99.74 | 875 | 16 | 96 | 246 | 25 | 196 | 0.07 |
| QA04178 | S-LR98-031 | WR | 410 583 | 6 424 208 | Granito-gneiss | M6 | 62.66 | 1.25 | 13.96 | 7.25 | 0.1 | 1.04 | 4.13 | 3.43 | 0.5 | 0.03 | 3.35 | 0.75 | 98.75 | 1885 | 19 | 85 | 402 | 53 | 522 | -0.02 |
| QA04179 | S-LR98-032 | WR | 407 050 | 6 424 654 | Gneiss | M1 | 67.39 | 0.86 | 14.35 | 5.04 | 0.07 | 0.73 | 3.08 | 3.45 | 0.31 | 0.03 | 4.18 | 0.44 | 100.21 | 1767 | 19 | 112 | 352 | 33 | 512 | -0.02 |
| QA04180 | S-LR98-035 | WR | 405 500 | 6 427 474 | Gabbro | I3A | 63.41 | 0.99 | 14.96 | 8.99 | 0.11 | 2.99 | 2.79 | 2.82 | 0.02 | 0.06 | 2.22 | 0.39 | 99.9 | 863 | 12 | 116 | 301 | 18 | 182 | 0.2 |
| QA04181 | S-LR98-037 | WR | 399 894 | 6 434 552 | Orthogneiss | M3 | 72.32 | 0.32 | 13.3 | 2.75 | 0.03 | 1.14 | 1.41 | 2.38 | 0.04 | 0.04 | 4.7 | 1.27 | 99.94 | 1579 | 17 | 177 | 366 | 17 | 219 | -0.02 |
| QA04182 | S-LR98-038 | WR | 401 289 | 6 434 096 | Paragneiss | M4 | 61.76 | 0.52 | 17.07 | 5.47 | 0.08 | 2.82 | 5.46 | 4.08 | 0.15 | 0.04 | 1.35 | 0.62 | 99.49 | 230 | 17 | 65 | 276 | 12 | 107 | 0.03 |
| QA04183 | S-LR98-039 | WR | 403 140 | 6 433 274 | Orthogneiss | M3 | 50.34 | 1.92 | 14.14 | 17.39 | 0.28 | 6.26 | 7.24 | 2.84 | 0.1 | 0.04 | 0.52 | -0.44 | 100.68 | 236 | 9 | 18 | 175 | 10 | 68 | -0.02 |
| QA04187 | S-LR98-046 | WR | 409 402 | 6 429 464 | Paragneiss | M4 | 71.09 | 0.5 | 14.72 | 2.29 | 0.02 | 0.77 | 3.31 | 3.97 | 0.06 | 0.03 | 1.37 | 0.75 | 98.95 | 625 | 18 | 66 | 381 | 8 | 243 | -0.02 |
| QA04188 | S-LR98-048 | WR | 406 916 | 6 428 779 | Orthogneiss | M3 | 67.35 | 0.58 | 14.69 | 4.06 | 0.05 | 2.17 | 4.22 | 3.75 | 0.15 | 0.03 | 1.48 | 0.7 | 99.21 | 593 | 17 | 75 | 402 | 17 | 209 | 0.02 |
| QA04189 | S-LR98-052 | WR | 403 984 | 6 428 011 | Granito-gneiss | M6 | 64.38 | 0.47 | 16.14 | 4.64 | 0.05 | 1.63 | 4.6 | 4.52 | 0.16 | 0.02 | 1.56 | 0.45 | 98.6 | 574 | 12 | 67 | 595 | 11 | 184 | 0.06 |
| QA04190 | S-LR98-053 | WR | 402 566 | 6 427 706 | Paragneiss | M4 | 86.58 | 0.26 | 5.29 | 2.14 | 0.01 | 0.77 | 1.42 | 0.75 | 0.01 | 0.05 | 0.62 | 0.75 | 98.7 | 122 | 22 | 70 | 73 | 10 | 323 | 0.42 |

MRN-GÉOINFORMATION 2001

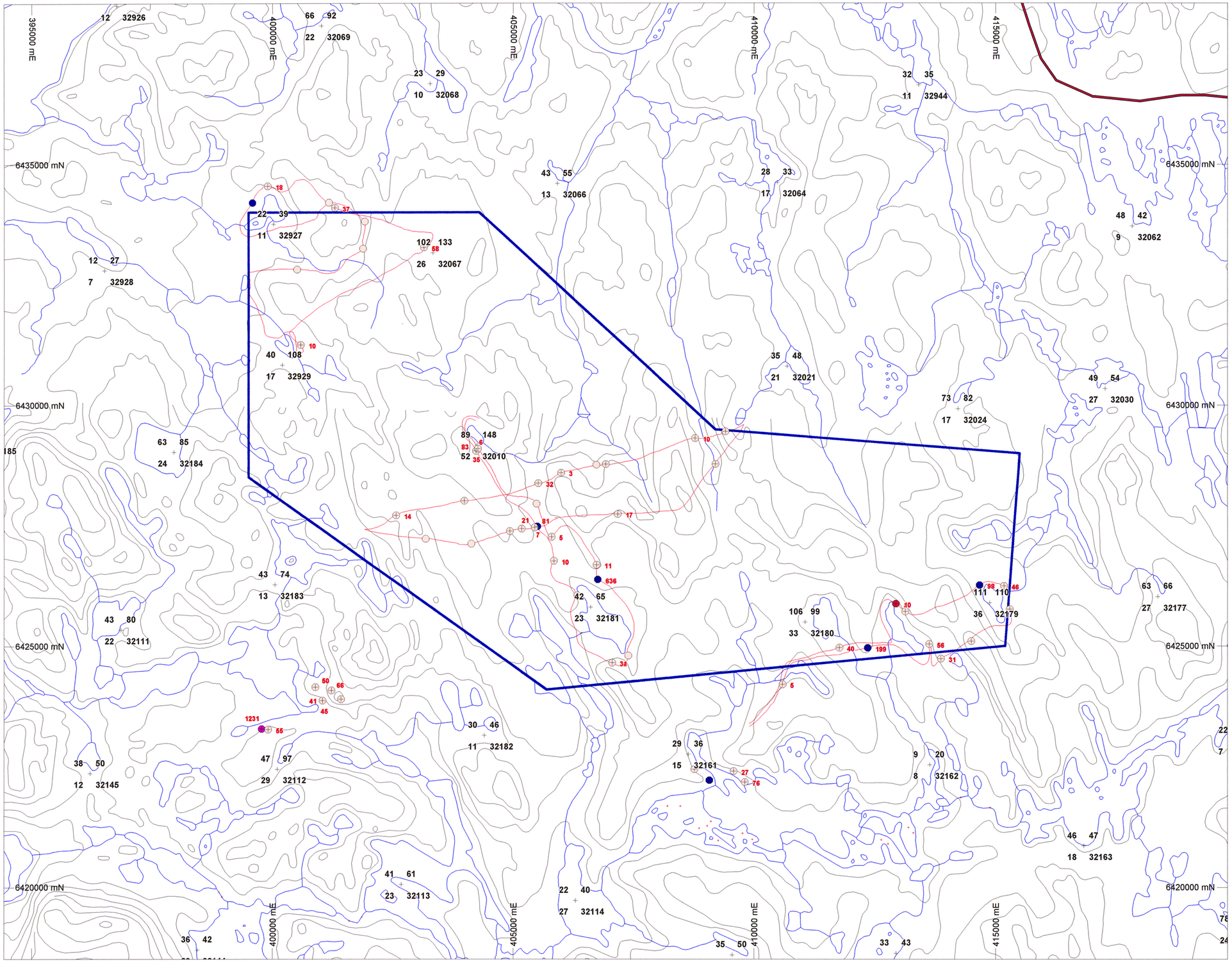
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

**GRAND NORD PROJECT**
**PERMIT 1355**
**GEOLOGICAL STATIONS**

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lépine | .wor name: GN_1355_geo |
| Montreal | NTS: |
| Projection: UTM Zone 20 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




Legend
(Rock Facies)

- Gabbro
- Gneiss
- Granito-gneiss
- Orthogneiss
- Paragneiss
- Pegmatite
- Pyroxenite

Cu Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

Geological Stations

MRN-GÉOINFORMATION 2001

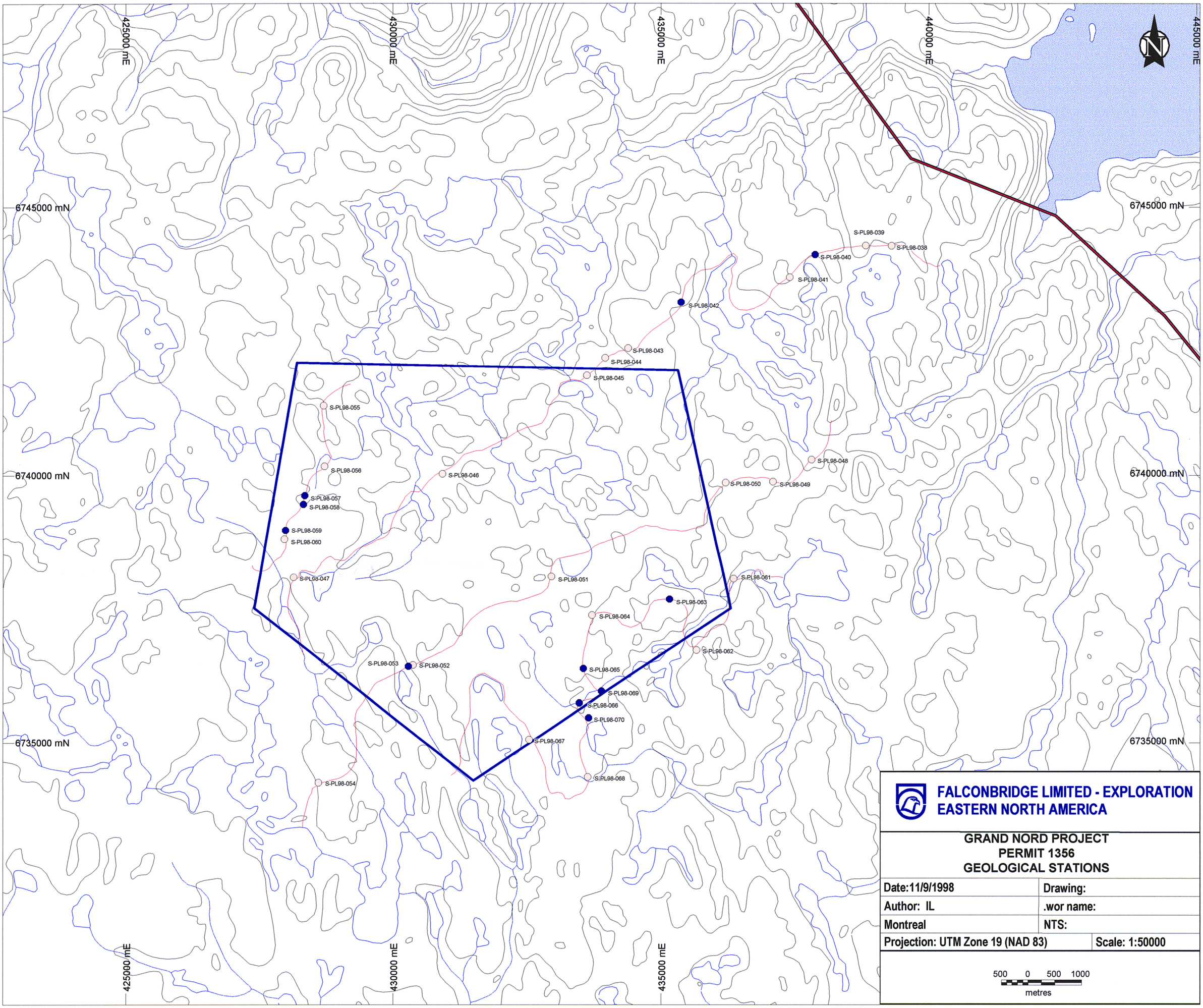
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND NORD PROJECT
PERMIT 1355
NI ASSAYS ANALYSES AND LAKE BOTTOM ANOMALY

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lepine | .wor name: gn_1355_anom |
| Montreal | NTS: |
| Projection: UTM Zone 20 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

**GRAND NORD PROJECT**
**PERMIT 1356**
**GEOLOGICAL STATIONS**

| | |
|---|---|
| Date:11/9/1998 | Drawing: |
| Author: IL | .wor name: |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres

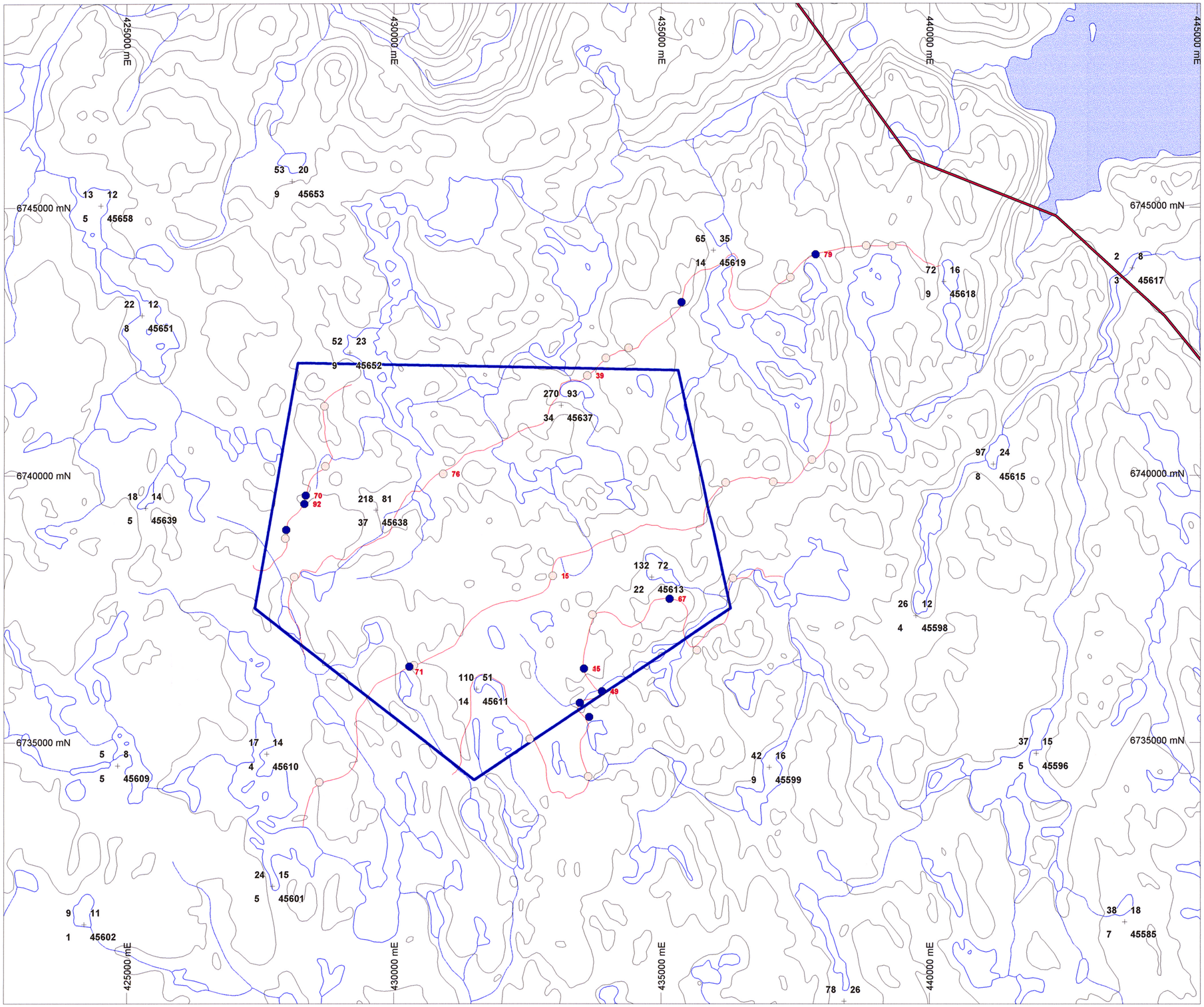
| ID_Assay | ID_Station | Type | Easting | Northing | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04110 | S-PL98-048 | WR | 437 805 | 6 740 297 | Gneiss | M1 | 70.94 | 0.25 | 14.95 | 2.17 | 0.04 | 0.63 | 2.41 | 3.97 | 0.07 | 0.04 | 3.47 | 0.18 | 99.27 | 826 | 22 | 120 | 372 | 16 | 140 | -0.02 |
| QA04111 | S-PL98-050 | WR | 436 201 | 6 739 870 | Orthogneiss | M1 | 72.74 | 0.12 | 14.66 | 1.31 | 0.02 | 0.33 | 2.04 | 3.83 | 0.04 | 0.04 | 3.91 | 0.22 | 99.45 | 1231 | 22 | 111 | 512 | 14 | 44 | -0.02 |
| QA04112 | S-PL98-053 | WR | 430 286 | 6 736 415 | Gabbro | I3A | 49.37 | 1.38 | 13.63 | 14.95 | 0.23 | 6.73 | 10.51 | 2.01 | 0.1 | 0.04 | 0.19 | 0.62 | 99.8 | 159 | -5 | 20 | 87 | 19 | 67 | 0.04 |
| QA04113 | S-PL98-057 | WR | 428 343 | 6 739 625 | Hornblendite | I4A | 49.5 | 1.22 | 12.88 | 13.86 | 0.2 | 6.6 | 9.29 | 2.02 | 0.09 | 0.04 | 1.17 | 2.86 | 99.78 | 282 | -5 | 38 | 138 | 15 | 69 | 0.04 |
| QA04114 | S-PL98-058 | WR | 428 319 | 6 739 463 | Gabbro | I3A | 49.37 | 1 | 14.75 | 12.71 | 0.19 | 7.15 | 11.58 | 1.73 | 0.07 | 0.04 | 0.46 | 0.93 | 100.02 | 162 | -5 | 21 | 115 | 13 | 50 | 0.07 |
| QA04115 | S-PL98-061 | WR | 436 341 | 6 738 064 | Gneiss | M1 | 70.89 | 0.32 | 15.56 | 1.83 | 0.02 | 0.7 | 3.14 | 5.16 | 0.1 | 0.04 | 1.07 | 0.31 | 99.24 | 365 | 19 | 60 | 444 | 11 | 146 | -0.02 |
| QA04116 | S-PL98-063 | WR | 435 157 | 6 737 674 | Gabbro | I3A | 41.57 | 1.26 | 13.42 | 12.74 | 0.16 | 4.81 | 11.38 | 1.25 | 0.09 | 0.03 | 1.51 | 11.46 | 99.73 | 244 | -5 | 48 | 122 | 15 | 58 | 0.09 |
| QA04953 | S-PL98-038 | WR | 439 298 | 6 744 283 | Orthogneiss | M3 | 68.88 | 0.45 | 14.51 | 3.34 | 0.04 | 1.39 | 2.2 | 3.56 | 0.13 | 0.04 | 3.87 | 0.67 | 99.31 | 1405 | 17 | 142 | 325 | 14 | 393 | -0.02 |
| QA04954 | S-PL98-040 | WR | 437 876 | 6 744 118 | Gabbro | I3A | 49.12 | 0.99 | 13.54 | 14.95 | 0.23 | 7.15 | 10.61 | 2 | 0.08 | 0.05 | 0.71 | 0.84 | 100.3 | 164 | -5 | 19 | 98 | 11 | 56 | -0.02 |
| QA04955 | S-PL98-041 | WR | 437 402 | 6 743 694 | Gneiss | M1 | 75.84 | 0.02 | 13.55 | 0.63 | 0.01 | 0.07 | 1.41 | 3.59 | 0.01 | 0.04 | 4 | 0.35 | 99.66 | 885 | 21 | 125 | 309 | 9 | 64 | -0.02 |
| QA04956 | S-PL98-042 | WR | 435 373 | 6 743 228 | Gabbro | I3A | 49.71 | 1.04 | 14.47 | 12.27 | 0.19 | 7.95 | 11.76 | 1.83 | 0.07 | 0.06 | 0.17 | 0.92 | 100.47 | 160 | -5 | 20 | 93 | 14 | 52 | 0.07 |

Legend
(Rock Facies)
- Gabbro
- Gneiss
- Hornblendite
- Orthogneiss

Traverses

MRN-GÉOINFORMATION 2001

GM 58329




Legend
(Rock Facies)

- Gabbro
- Gneiss
- Hornblendite
- Orthogneiss

Cu Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

Geological Stations

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND NORD PROJECT
PERMIT 1356
NI ASSAYS ANALYSES AND LAKE BOTTOM ANOMALY

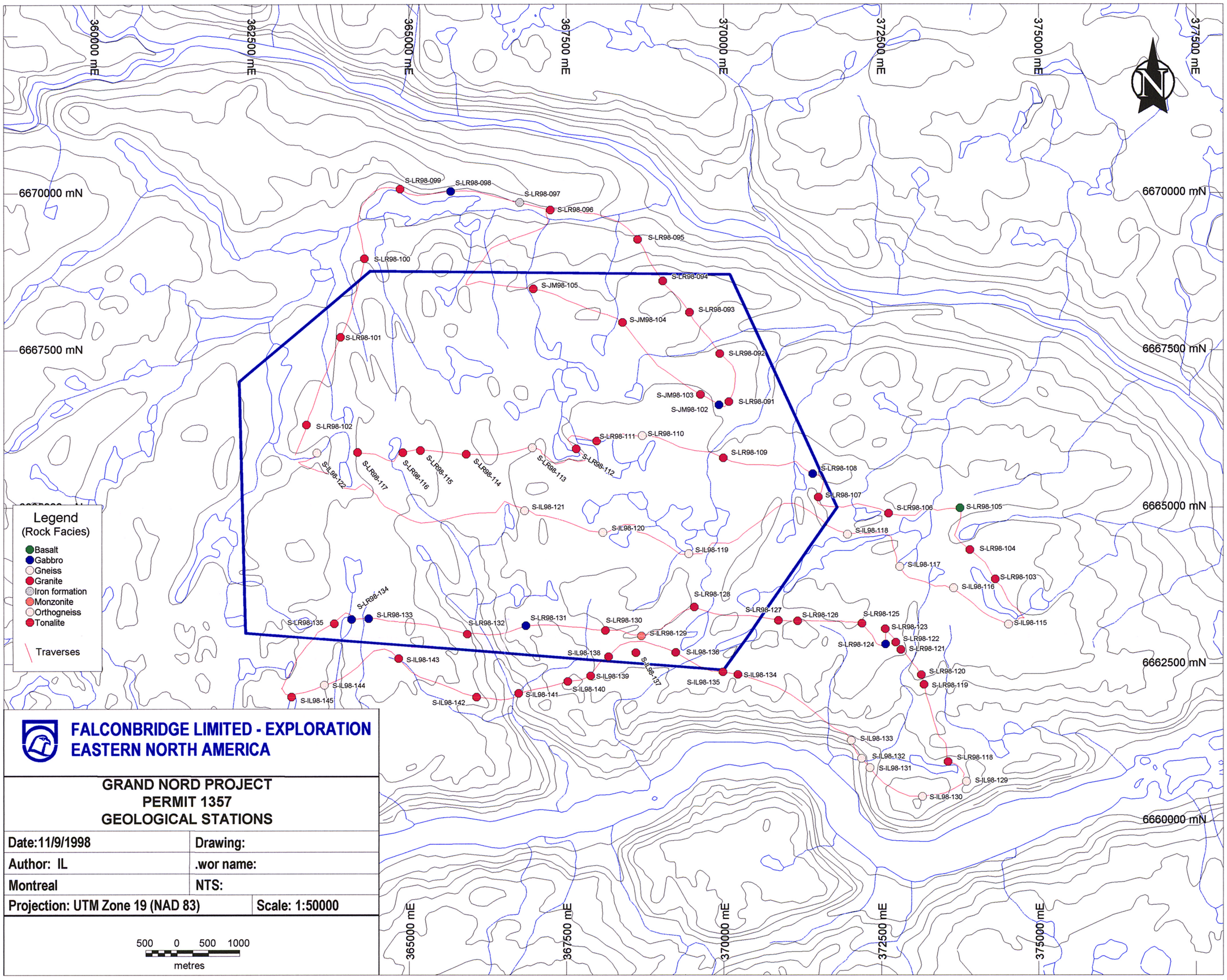
| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lépine | .wor name: gn_1356_anom |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres

MRN-GÉOINFORMATION 2001

GM 58329

# GM 58329




| ID_Assay | ID_Station | Type | Easting | Northing | Elevation | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04906 | S-LR98-091 | WR | 370 081 | 6 666 679 | 0 | Granite | I1B | 72.87 | 0.1 | 13.77 | 1.01 | 0.01 | 0.28 | 0.95 | 3.4 | 0.05 | 0.03 | 5.44 | 0.84 | 98.96 | 1454 | 20 | 161 | 356 | 11 | 93 | -0.02 |
| QA04907 | S-LR98-096 | WR | 367 246 | 6 669 730 | 0 | Granite | I1B | 71.52 | 0.45 | 14.5 | 2.67 | 0.03 | 1.16 | 2.82 | 4.12 | 0.02 | 0.04 | 1.32 | 0.79 | 99.53 | 429 | 25 | 96 | 338 | 10 | 21 | -0.02 |
| QA04908 | S-LR98-097 | WR | 366 761 | 6 669 849 | 0 | Iron formation | S9 | 48.64 | 1.24 | 14.36 | 13.33 | 0.21 | 6.08 | 10.81 | 2.95 | 0.09 | 0.05 | 0.67 | 1.46 | 99.93 | 167 | -5 | 25 | 103 | 25 | 70 | 0.11 |
| QA04909 | S-LR98-103 | WR | 374 311 | 6 663 860 | 0 | Granite | I1B | 61.61 | 0.9 | 17.42 | 6.22 | 0.09 | 1.69 | 4.33 | 4.57 | 0.32 | 0.03 | 1.58 | 0.92 | 99.86 | 977 | 11 | 74 | 516 | 21 | 199 | 0.06 |
| QA04910 | S-LR98-105 | WR | 373 745 | 6 664 991 | 0 | Basalt | V3B | 67.98 | 0.36 | 15.54 | 2.87 | 0.03 | 1.04 | 3.54 | 4.47 | 0.09 | 0.04 | 1.31 | 2.47 | 99.85 | 356 | 18 | 84 | 463 | 17 | 187 | -0.02 |
| QA04911 | S-LR98-107 | WR | 371 497 | 6 665 164 | 0 | Granite | I1B | 67.95 | 0.32 | 16.51 | 2.34 | 0.03 | 1 | 2.49 | 4.38 | 0.1 | 0.03 | 2.42 | 1.67 | 99.39 | 800 | 15 | 103 | 362 | 12 | 156 | -0.02 |
| QA04912 | S-LR98-108 | WR | 371 411 | 6 665 539 | 0 | Gabbro | I3A | 48.52 | 0.94 | 14.56 | 12.46 | 0.25 | 6.77 | 11 | 2.83 | 0.06 | 0.06 | 0.95 | 1.49 | 99.93 | 167 | -5 | 42 | 168 | 13 | 51 | 0.12 |
| QA04913 | S-LR98-114 | WR | 365 906 | 6 665 846 | 0 | Granite | I1B | 51.72 | 1.05 | 15.54 | 11.54 | 0.17 | 3.59 | 9.25 | 4.19 | 0.07 | 0.07 | 0.6 | 2.33 | 100.19 | 496 | -5 | 26 | 119 | 9 | 61 | 1.1 |
| QA04914 | S-LR98-124 | WR | 372 563 | 6 662 825 | 0 | Gabbro | I3A | 49.4 | 0.79 | 13.62 | 12.02 | 0.2 | 7.41 | 10.93 | 2.87 | 0.06 | 0.04 | 0.67 | 1.64 | 99.69 | 167 | -5 | 26 | 94 | 11 | 46 | 0.06 |
| QA04915 | S-LR98-129 | WR | 368 705 | 6 662 956 | 0 | Monzonite | I2F | 71.63 | 0.1 | 16.2 | 1 | 0.01 | 0.25 | 2.13 | 5.2 | 0.04 | 0.03 | 2.72 | 0.35 | 99.83 | 788 | 19 | 85 | 662 | 13 | 83 | 0.03 |
| QA04916 | S-LR98-119 | WR | 373 174 | 6 662 167 | 0 | Granite | I1B | 70.08 | 0.37 | 14.68 | 3.32 | 0.02 | 0.48 | 4.09 | 6.29 | 0.1 | 0.03 | 0.04 | 0.7 | 100.27 | 17 | 16 | 28 | 485 | 7 | 167 | -0.02 |
| QA04917 | S-LR98-131 | WR | 366 863 | 6 663 122 | 0 | Gabbro | I3A | 47.92 | 0.59 | 8.31 | 14.69 | 0.27 | 14.12 | 8.76 | 1.28 | 0.05 | 0.25 | 2.19 | 0.53 | 99.04 | 605 | -5 | 114 | 57 | 9 | 31 | -0.02 |
| QA04962 | S-IL98-130 | WR | 373 148 | 6 660 391 | 0 | Orthogneiss | M3 | 62.46 | 0.73 | 16.4 | 5.82 | 0.08 | 2.25 | 6.41 | 4.44 | 0.16 | 0.03 | 0.6 | 0.48 | 99.95 | 202 | 14 | 31 | 355 | 9 | 222 | 0.03 |
| QA04963 | S-IL98-134 | WR | 370 226 | 6 662 327 | 0 | Granite | I1B | 63.65 | 0.53 | 15.94 | 4.28 | 0.07 | 1.32 | 5.83 | 4.87 | 0.15 | 0.04 | 0.52 | 1.93 | 99.23 | 196 | 20 | 38 | 564 | 14 | 145 | -0.02 |
| QA04964 | S-IL98-136 | WR | 369 237 | 6 662 690 | 0 | Granite | I1B | 69.92 | 0.33 | 15.02 | 2.34 | 0.04 | 0.61 | 2.63 | 4.07 | 0.08 | 0.03 | 3.12 | 0.4 | 98.81 | 1373 | 14 | 92 | 423 | 13 | 253 | -0.02 |
| QA04965 | S-IL98-144 | WR | 363 650 | 6 662 160 | 0 | Gneiss | M1 | 48.44 | 0.9 | 14.06 | 14.02 | 0.2 | 7.6 | 11.24 | 2.43 | 0.06 | 0.07 | 0.41 | 0.8 | 100.25 | 92 | -5 | 14 | 93 | 14 | 45 | 0.05 |
| QA06751 | S-JM98-102 | WR | 369 924 | 6 666 632 | 0 | Gabbro | I3A | 55.25 | 1.01 | 14.53 | 8.57 | 0.17 | 6.01 | 7.28 | 3.8 | 0.44 | 0.04 | 1.69 | 1.1 | 100.03 | 505 | 10 | 91 | 613 | 17 | 154 | 0.26 |
| QA06752 | S-JM98-103 | WR | 369 630 | 6 666 794 | 0 | Tonalite | I1D | 69.56 | 0.35 | 15.42 | 2.75 | 0.04 | 0.81 | 3.64 | 4.93 | 0.09 | 0.05 | 1.14 | 0.62 | 99.5 | 182 | 20 | 81 | 526 | 15 | 218 | -0.02 |
| QA06753 | S-JM98-104 | WR | 368 394 | 6 667 942 | 0 | Granite | I1B | 69.97 | 0.37 | 15.24 | 2.51 | 0.03 | 1.1 | 3.14 | 4.61 | 0.1 | 0.05 | 1.41 | 0.66 | 99.29 | 257 | 21 | 103 | 378 | 11 | 224 | -0.02 |
| QA06754 | S-IL98-115 | WR | 374 522 | 6 663 143 | 0 | Gneiss | M1 | 72.82 | 0.18 | 15.01 | 1.5 | 0.02 | 0.38 | 3.22 | 4.75 | 0.05 | 0.04 | 1.1 | 0.13 | 99.28 | 292 | 21 | 56 | 334 | 11 | 46 | -0.02 |
| QA06755 | S-IL98-118 | WR | 371 959 | 6 664 573 | 0 | Gneiss | M1 | 69.44 | 0.37 | 15.12 | 2.61 | 0.04 | 0.84 | 3.4 | 4.23 | 0.09 | 0.04 | 1.53 | 1.2 | 98.99 | 246 | 20 | 88 | 330 | 10 | 152 | -0.02 |

MRN-GÉOINFORMATION 2001

# GM 58329

Legend
(Rock Facies)

- Basalt
- Gabbro
- Gneiss
- Granite
- Iron formation
- Monzonite
- Orthogneiss
- Tonalite

Cu Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

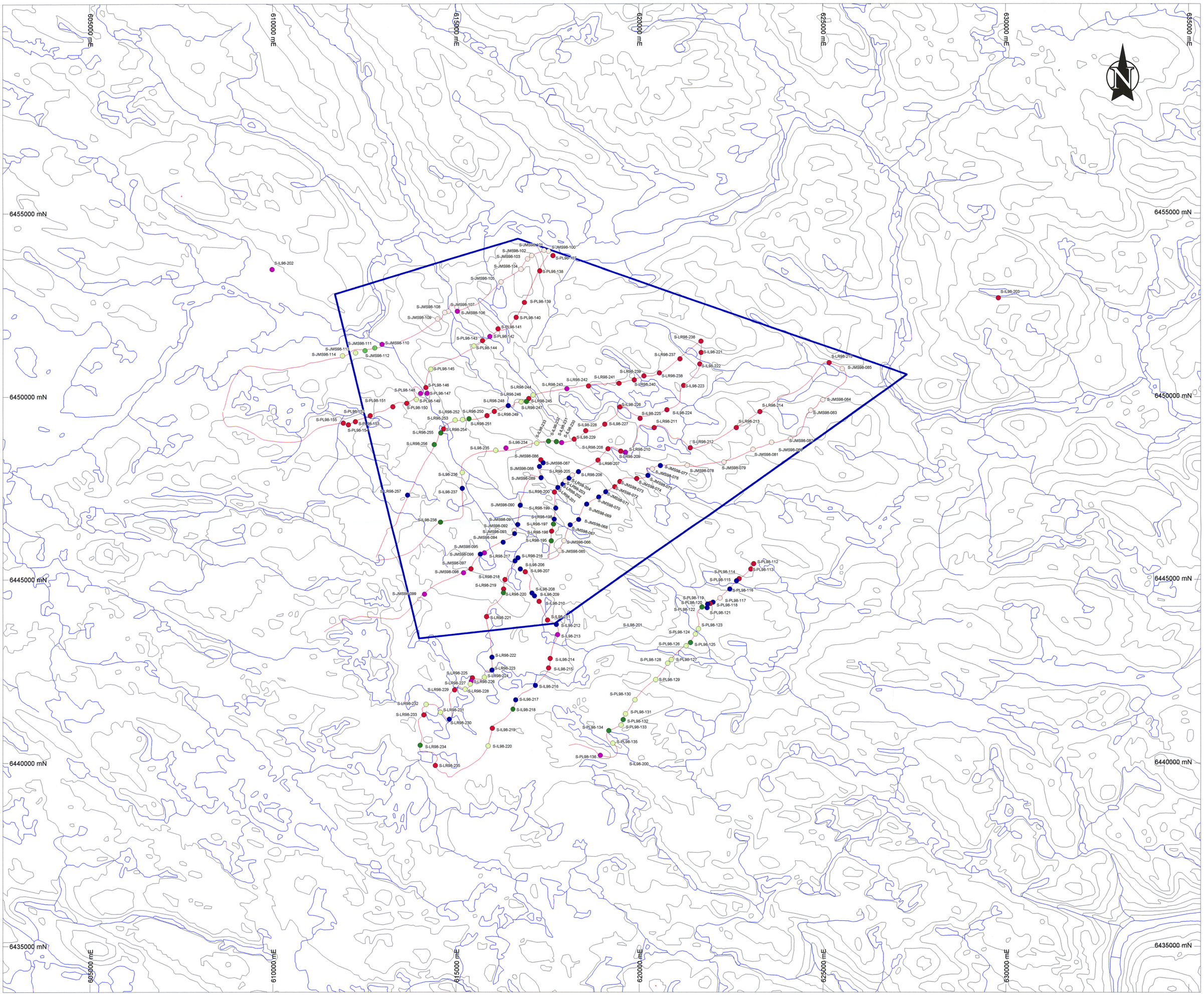
Geological Stations

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND NORD PROJECT
PERMIT 1357
NI ASSAYS ANALYSES AND LAKE BOTTOM ANOMALY

| | |
|---|---|
| Date:11/9/1998 | Drawing: |
| Author: I. Lépine | .wor name: gn_1357_anom |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




| ID_Assay | ID_Station | Type | Easting | Northing | Rock_Facies | Rock_Code | SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | MgO | CaO | Na2O | P2O5 | Cr2O3 | K2O | LOI | Total | Ba_ppm | Nb_ppm | Rb_ppm | Sr_ppm | Y_ppm | Zr_ppm | S_total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA04131 | S-PL98-112 | WR | 667 262 | 6 638 290 | Granite | I1B | 73.35 | 0.13 | 13.96 | 1.04 | 0.02 | 0.21 | 0.92 | 3.06 | 0.06 | 0.04 | 5.62 | 0.31 | 98.83 | 641 | 22 | 230 | 118 | 12 | 67 | -0.02 |
| QA04132 | S-PL98-115 | WR | 622 648 | 6 444 966 | Gabbro | I3A | 60.15 | 0.84 | 15.35 | 8.22 | 0.13 | 2.8 | 6.2 | 3.49 | 0.13 | 0.03 | 1.38 | 0.49 | 99.29 | 360 | 13 | 69 | 153 | 25 | 156 | 0.02 |
| QA04133 | S-PL98-119 | WR | 621 933 | 6 444 342 | Pegmatite | I1G | 74.52 | 0.04 | 13.79 | 0.45 | 0.01 | 0.05 | 0.48 | 4.95 | 0.03 | 0.03 | 3.42 | 0.3 | 98.12 | 129 | 22 | 143 | 100 | 41 | 35 | -0.02 |
| QA04134 | S-PL98-122 | WR | 621 708 | 6 444 250 | Basalt | V3B | 67.64 | 0.95 | 13.12 | 5.65 | 0.11 | 1.12 | 3.66 | 5.2 | 0.3 | 0.03 | 0.12 | 1.04 | 99.02 | 129 | 18 | 25 | 372 | 38 | 246 | -0.02 |
| QA04135 | S-PL98-124 | WR | 621 528 | 6 443 523 | Rhyolite | V1B | 69.98 | 0.55 | 12.97 | 3.99 | 0.08 | 0.4 | 1.26 | 3.87 | 0.11 | 0.03 | 3.86 | 0.89 | 98.16 | 1020 | 21 | 156 | 188 | 34 | 296 | -0.02 |
| QA04136 | S-PL98-125 | WR | 621 395 | 6 443 291 | Basalt | V3B | 52.26 | 0.95 | 15.35 | 12.98 | 0.18 | 4.42 | 8.9 | 2.87 | 0.14 | 0.02 | 0.89 | 0.22 | 99.26 | 367 | -5 | 31 | 236 | 16 | 73 | -0.02 |
| QA04137 | S-PL98-133 | WR | 619 509 | 6 441 041 | Rhyolite | V1B | 68.85 | 0.66 | 13.26 | 4.36 | 0.09 | 0.52 | 1.68 | 3.95 | 0.13 | 0.03 | 4.01 | 0.49 | 98.22 | 1192 | 18 | 159 | 189 | 38 | 320 | -0.02 |
| QA04138 | S-PL98-134 | WR | 619 176 | 6 440 888 | Basalt | V3B | 53.78 | 1.65 | 13.97 | 14.43 | 0.2 | 3.35 | 6.09 | 4.08 | 0.35 | 0.04 | 1.15 | 0.81 | 99.99 | 465 | -5 | 35 | 332 | 16 | 117 | -0.02 |
| QA04139 | S-PL98-135 | WR | 619 288 | 6 440 548 | Rhyolite | V1B | 69.45 | 0.62 | 14.55 | 3.81 | 0.07 | 0.33 | 0.68 | 4.53 | 0.12 | 0.03 | 4.43 | 0.57 | 99.41 | 1509 | 19 | 154 | 154 | 36 | 338 | -0.02 |
| QA04140 | S-PL98-136 | WR | 618 942 | 6 440 214 | Pyroxenite | I4B | 38.91 | 0.29 | 4.71 | 12.71 | 0.2 | 28.88 | 3.16 | 0.16 | 0.03 | 0.46 | 0.02 | 9.04 | 98.57 | -50 | -5 | 16 | -5 | -5 | 23 | 0.05 |
| QA04141 | S-PL98-137 | WR | 617 654 | 6 453 837 | Tonalite | I1D | 71.23 | 0.23 | 15.39 | 1.68 | 0.04 | 0.49 | 2.77 | 5.04 | 0.05 | 0.04 | 1.34 | 0.31 | 98.76 | 792 | 16 | 81 | 522 | 10 | 119 | -0.02 |
| QA04142 | S-PL98-139 | WR | 616 875 | 6 452 574 | Tonalite | I1D | 67.66 | 0.28 | 16.54 | 2.53 | 0.05 | 0.7 | 2.76 | 5.05 | 0.08 | 0.03 | 2.92 | 0.4 | 99.2 | 1207 | 21 | 104 | 502 | 15 | 131 | -0.02 |
| QA04143 | S-PL98-142 | WR | 615 920 | 6 451 646 | Pyroxenite | I4B | 42.09 | 0.11 | 1.51 | 11.77 | 0.18 | 33.3 | 1.24 | 0.18 | 0.01 | 0.43 | 0.02 | 7.57 | 98.42 | -50 | 5 | 17 | -5 | -5 | 14 | 0.16 |
| QA04144 | S-PL98-144 | WR | 615 487 | 6 451 382 | Rhyolite | V1B | 64.01 | 0.43 | 15.09 | 6.1 | 0.11 | 1.91 | 4.8 | 4.59 | 0.07 | 0.03 | 1.27 | 1.01 | 99.49 | 280 | 16 | 56 | 276 | 29 | 136 | -0.02 |
| QA04145 | S-PL98-147 | WR | 614 212 | 6 450 090 | Pyroxenite | I4B | 37.58 | 0.07 | 2.2 | 12.02 | 0.17 | 34.36 | 0.72 | 0.17 | 0.02 | 0.57 | 0.01 | 11.25 | 99.15 | -50 | 6 | 16 | -5 | -5 | 10 | 0.1 |
| QA04146 | S-PL98-148 | WR | 614 034 | 6 450 088 | Pyroxenite | I4B | 44.05 | 0.33 | 5.72 | 11.39 | 0.15 | 24.59 | 6.46 | 0.16 | 0.02 | 0.41 | 0.01 | 5.57 | 98.86 | -50 | -5 | 13 | 23 | 9 | 26 | 0.03 |
| QA04147 | S-PL98-150 | WR | 613 651 | 6 449 817 | Granite | I1B | 70.69 | 0.33 | 14.24 | 2.07 | 0.04 | 1.07 | 1.05 | 4.81 | 0.08 | 0.03 | 2.78 | 1.03 | 98.47 | 1691 | 22 | 85 | 496 | 14 | 117 | 0.03 |
| QA04148 | S-PL98-153 | WR | 612 250 | 6 449 321 | Tonalite | I1D | 71.94 | 0.2 | 14.29 | 1.6 | 0.03 | 0.36 | 1.37 | 5.04 | 0.05 | 0.04 | 2.99 | 0.41 | 98.51 | 1084 | 20 | 117 | 617 | 9 | 84 | -0.02 |
| QA04943 | S-LR98-195 | WR | 617 612 | 6 446 054 | Basalt | V3B | 48.02 | 1.16 | 14.89 | 14.31 | 0.23 | 6.46 | 8.54 | 2.91 | 0.08 | 0.05 | 1.17 | 1.35 | 99.23 | 344 | -5 | 60 | 110 | 18 | 56 | 0.04 |
| QA04944 | S-LR98-196 | WR | 617 619 | 6 446 323 | Pegmatite | I1G | 70.32 | 0.04 | 15.8 | 0.47 | 0.01 | 0.05 | 0.1 | 2.56 | 0.08 | 0.03 | 9.47 | 0.26 | 99.24 | 159 | 22 | 342 | 38 | 8 | 8 | -0.02 |
| QA04945 | S-LR98-198 | WR | 617 692 | 6 446 663 | Gabbro | I3A | 48.66 | 0.78 | 14.25 | 12.33 | 0.22 | 7.51 | 9.83 | 2.36 | 0.05 | 0.05 | 1.23 | 1.67 | 98.98 | 252 | -5 | 71 | 76 | 10 | 40 | 0.06 |
| QA04946 | S-LR98-200 | WR | 617 692 | 6 447 409 | Tonalite | I1D | 71.39 | 0.28 | 14.36 | 2.05 | 0.04 | 0.82 | 0.93 | 5.33 | 0.08 | 0.04 | 2.1 | 1.02 | 98.56 | 667 | 26 | 136 | 195 | 9 | 167 | -0.02 |
| QA04947 | S-LR98-204 | WR | 618 094 | 6 447 787 | Gabbro | I3A | 38.85 | 0.26 | 2.87 | 13.13 | 0.24 | 31.98 | 1.56 | 0.17 | 0.03 | 0.32 | 0.02 | 9.66 | 99.1 | 59 | -5 | 17 | -5 | -5 | 20 | 0.2 |
| QA04948 | S-LR98-216 | WR | 616 697 | 6 445 588 | Gabbro | I3A | 49.85 | 1.09 | 14.04 | 13.32 | 0.21 | 6.55 | 10.48 | 1.65 | 0.08 | 0.05 | 0.94 | 1.02 | 99.33 | 189 | -5 | 42 | 135 | 21 | 63 | 0.07 |
| QA04949 | S-LR98-218 | WR | 616 338 | 6 444 993 | Tonalite | I1D | 69.9 | 0.39 | 15.51 | 2.48 | 0.03 | 1.65 | 1.49 | 5.56 | 0.11 | 0.04 | 1.43 | 0.41 | 99.08 | 365 | 20 | 75 | 195 | 16 | 210 | -0.02 |
| QA04950 | S-LR98-220 | WR | 616 292 | 6 444 641 | Basalt | V3B | 49.21 | 0.82 | 7.19 | 12.85 | 0.17 | 18.07 | 8.23 | 0.5 | 0.06 | 0.28 | 0.05 | 1.5 | 98.95 | 89 | -5 | 13 | -5 | 11 | 46 | 0.08 |
| QA04983 | S-IL98-207 | WR | 616 896 | 6 445 208 | Tonalite | I1D | 72.41 | 0.26 | 14.13 | 2.33 | 0.02 | 5.64 | 0.12 | 0.28 | 0.08 | 0.04 | 2.29 | 2.24 | 99.9 | 256 | 27 | 94 | 11 | 11 | 152 | -0.02 |
| QA04984 | S-IL98-208 | WR | 617 079 | 6 444 633 | Gabbro | I3A | 49.33 | 0.79 | 8.17 | 12.08 | 0.17 | 17.15 | 8.34 | 0.86 | 0.07 | 0.21 | 1.03 | 0.83 | 99.07 | 315 | -5 | 69 | 9 | 14 | 55 | -0.02 |
| QA04985 | S-IL98-209 | WR | 617 150 | 6 444 556 | Gabbro | I3A | 49.01 | 0.52 | 6.85 | 11.68 | 0.22 | 13.32 | 15.49 | 0.58 | 0.05 | 0.13 | 0.27 | 1 | 99.14 | 69 | -5 | 23 | 76 | 9 | 44 | 0.02 |
| QA04986 | S-IL98-212 | WR | 617 747 | 6 443 782 | Gabbro | I3A | 66.46 | 0.57 | 10.81 | 9.82 | 0.15 | 4 | 5.36 | 2.15 | 0.1 | 0.08 | 0.42 | 0.48 | 100.44 | 130 | 8 | 26 | 128 | 16 | 72 | 0.15 |
| QA04987 | S-IL98-213 | WR | 617 779 | 6 443 504 | Peridotite | I4I | 48.48 | 0.38 | 6.28 | 11.49 | 0.18 | 25.14 | 2.66 | 0.14 | 0.03 | 0.36 | 0.01 | 4.82 | 99.97 | -50 | 5 | 14 | -5 | 9 | 23 | -0.02 |
| QA04988 | S-IL98-216 | WR | 617 176 | 6 442 119 | Gabbro | I3A | 51.1 | 0.92 | 10.29 | 12.23 | 0.17 | 14.11 | 7.78 | 1.92 | 0.09 | 0.17 | 0.59 | 0.9 | 100.32 | 324 | 6 | 26 | 109 | 16 | 71 | -0.02 |
| QA04989 | S-IL98-217 | WR | 616 636 | 6 441 728 | Gabbro | I3A | 66.41 | 0.59 | 14.47 | 5.4 | 0.07 | 3.31 | 2.58 | 3.48 | 0.12 | 0.03 | 2.51 | 0.4 | 99.45 | 356 | 23 | 92 | 112 | 24 | 176 | -0.02 |
| QA04990 | S-IL98-218 | WR | 616 554 | 6 441 473 | Basalt | V3B | 43.07 | 0.29 | 5.14 | 10.83 | 0.15 | 27.46 | 5.62 | 0.2 | 0.03 | 0.38 | 0.06 | 6.05 | 99.29 | -50 | -5 | 18 | 99 | 8 | 21 | 0.08 |
| QA04991 | S-IL98-220 | WR | 615 874 | 6 440 472 | Rhyolite | V1B | 69.2 | 0.37 | 14.89 | 3.48 | 0.05 | 1.45 | 2.37 | 3.66 | 0.11 | 0.04 | 3.5 | 0.54 | 99.82 | 846 | 18 | 162 | 407 | 16 | 143 | -0.02 |
| QA04992 | S-IL98-223 | WR | 621 206 | 6 450 307 | Tonalite | I1D | 68.98 | 0.37 | 16.22 | 3.03 | 0.05 | 0.95 | 3.76 | 5.16 | 0.11 | 0.03 | 1.05 | 0.26 | 100.08 | 274 | 15 | 73 | 591 | 13 | 152 | -0.02 |
| QA04993 | S-IL98-230 | WR | 617 891 | 6 448 753 | Pyroxenite | I4B | 44.65 | 0.33 | 3.36 | 12.69 | 0.18 | 25.55 | 6.79 | 0.17 | 0.02 | 0.5 | 0.03 | 5.1 | 99.38 | 55 | -5 | 19 | 20 | -5 | 25 | 0.08 |
| QA04994 | S-IL98-230 | WR | 617 891 | 6 448 753 | Pyroxenite | I4B | 69.94 | 0.34 | 14.56 | 3.04 | 0.05 | 0.85 | 2.43 | 5.26 | 0.09 | 0.04 | 0.81 | 0.83 | 98.31 | 197 | 21 | 60 | 241 | 13 | 172 | -0.02 |
| QA04995 | S-IL98-230 | WR | 617 891 | 6 448 753 | Pyroxenite | I4B | 49.39 | 0.6 | 10.64 | 11.38 | 0.2 | 12.86 | 10.55 | 1.43 | 0.05 | 0.16 | 0.63 | 1.71 | 99.63 | 152 | -5 | 30 | 129 | 13 | 37 | 0.05 |
| QA04996 | S-IL98-232 | WR | 617 528 | 6 448 791 | Basalt | V3B | 37.98 | 0.15 | 1.55 | 12 | 0.13 | 34.66 | 0.91 | 0.15 | 0.02 | 0.36 | 0.01 | 11.01 | 98.94 | -50 | 6 | 16 | -5 | 7 | 15 | 0.04 |
| QA04997 | S-IL98-233 | WR | 617 208 | 6 448 735 | Rhyolite | V1B | 61.25 | 0.69 | 15.16 | 8.12 | 0.14 | 2.91 | 4.58 | 3.98 | 0.09 | 0.03 | 2.06 | 1.31 | 100.41 | 524 | 9 | 101 | 204 | 18 | 127 | -0.02 |
| QA04998 | S-IL98-234 | WR | 616 363 | 6 448 604 | Pyroxenite | I4B | 43.05 | 0.47 | 4.8 | 14.18 | 0.21 | 23.89 | 6.58 | 0.2 | 0.04 | 0.46 | 0.02 | 4.96 | 98.87 | 53 | -5 | 11 | 14 | 8 | 30 | 0.22 |
| QA04999 | S-IL98-235 | WR | 616 080 | 6 448 542 | Rhyolite | V1B | 72.3 | 0.27 | 14.83 | 2.29 | 0.04 | 0.97 | 1.14 | 5.25 | 0.06 | 0.03 | 1.67 | 1.14 | 100.09 | 396 | 25 | 103 | 242 | 13 | 175 | -0.02 |
| QA05000 | S-IL98-236 | WR | 615 173 | 6 447 943 | Rhyolite | V1B | 63.81 | 0.74 | 14.94 | 6.83 | 0.13 | 3.43 | 4.42 | 3.5 | 0.15 | 0.03 | 1.11 | 1.01 | 100.19 | 370 | 16 | 64 | 179 | 32 | 186 | -0.02 |
| QA06767 | S-JMS98-067 | WR | 618 123 | 6 446 503 | Gabbro | I3A | 65.18 | 0.6 | 14.71 | 5.68 | 0.08 | 2.96 | 2.73 | 3.19 | 0.06 | 0.07 | 2.51 | 1.43 | 99.29 | 415 | 14 | 173 | 229 | 11 | 129 | 0.12 |
| QA06768 | S-JMS98-067 | WR | 618 123 | 6 446 503 | Gabbro | I3A | 54.64 | 1.22 | 14.92 | 12.2 | 0.2 | 4.49 | 7.07 | 3.33 | 0.31 | 0.03 | 0.98 | 0.97 | 100.44 | 343 | 9 | 40 | 153 | 34 | 201 | 0.02 |
| QA06769 | S-JMS98-077 | WR | 620 578 | 6 448 129 | Gabbro | I3A | 44.72 | 0.38 | 4.9 | 13.24 | 0.18 | 23.51 | 7.11 | 0.32 | 0.04 | 0.41 | 0.43 | 3.91 | 99.15 | -50 | -5 | 39 | 5 | 6 | 27 | 0.15 |
| QA06770 | S-JMS98-086 | WR | 617 324 | 6 448 284 | Pegmatite | I1G | 70.89 | 0.34 | 14.7 | 3.12 | 0.06 | 0.79 | 2.35 | 4.44 | 0.09 | 0.03 | 1.89 | 1.04 | 99.83 | 397 | 22 | 101 | 220 | 16 | 161 | -0.02 |
| QA06771 | S-JMS98-087 | WR | 617 384 | 6 448 205 | Gabbro | I3A | 62.7 | 0.71 | 14.96 | 7.4 | 0.12 | 2.32 | 5.5 | 3.33 | 0.16 | 0.03 | 1.04 | 1.1 | 99.43 | 244 | 16 | 54 | 171 | 22 | 158 | -0.02 |
| QA06772 | S-JMS98-095 | WR | 615 772 | 6 445 723 | Peridotite | I4I | 44.65 | 1.98 | 9.79 | 18.99 | 0.25 | 11.31 | 10.19 | 1.1 | 0.18 | 0.16 | 0.51 | 0.44 | 99.6 | 233 | -5 | 20 | 208 | 11 | 80 | 0.09 |
| QA06773 | S-JMS98-098 | WR | 615 207 | 6 445 181 | Peridotite | I4I | 45.22 | 1.06 | 15.86 | 11.6 | 0.1 | 15.1 | 4.09 | 1.29 | 0.08 | 0.06 | 0.94 | 5.28 | 100.72 | 197 | 5 | 41 | 54 | 19 | 62 | -0.02 |
| QA06775 | S-JMS98-106 | WR | 615 038 | 6 452 330 | Peridotite | I4I | 40.36 | 0.25 | 2.36 | 12.6 | 0.14 | 32.65 | 1.89 | 0.15 | 0.02 | 0.32 | 0.06 | 8.52 | 99.33 | -50 | -5 | 18 | 6 | -5 | 19 | 0.06 |
| QA06776 | S-JMS98-107 | WR | 614 790 | 6 452 331 | Orthogneiss | M1 | 74.75 | 0.04 | 14.89 | 0.9 | 0.1 | 0.19 | 0.84 | 3.72 | 0.03 | 0.03 | 2.68 | 0.84 | 99.08 | 330 | 28 | 173 | 78 | 19 | 54 | -0.02 |
| QA06777 | S-JMS98-108 | WR | 614 695 | 6 452 296 | Orthogneiss | M1 | 73.3 | 0.28 | 13.41 | 2.18 | 0.03 | 0.43 | 2.06 | 4.34 | 0.05 | 0.03 | 1.49 | 0.85 | 98.54 | 498 | 23 | 67 | 214 | 13 | 135 | -0.02 |
| QA06778 | S-JMS98-110 | WR | 612 980 | 6 451 430 | Peridotite | I4I | 46.67 | 0.06 | 1.23 | 8.46 | 0.21 | 29.76 | 5.29 | 0.15 | 0.01 | 0.24 | 0.02 | 7.65 | 99.75 | -50 | 10 | 15 | 14 | 7 | 16 | 0.02 |
| QA07751 | S-LR98-224 | WR | 615 772 | 6 442 342 | Tuff | TU | 61.15 | 1.12 | 18.63 | 5.05 | 0.11 | 2.5 | 6.92 | 1.57 | 0.3 | 0.02 | 2.32 | 0.53 | 100.3 | 284 | 21 | 108 | 43 | 23 | 258 | -0.02 |
| QA07752 | S-LR98-226 | WR | 615 419 | 6 442 241 | Peridotite | I4I | 41.87 | 0.17 | 3.35 | 10.73 | 0.14 | 31.76 | 2.51 | 0.14 | 0.02 | 0.56 | 0.01 | 8.09 | 99.36 | -50 | 9 | 16 | 5 | 6 | 28 | 0.04 |
| QA07753 | S-LR98-231 | WR | 614 574 | 6 441 387 | Rhyolite | V1B | 72.78 | 0.23 | 14.39 | 2.45 | 0.04 | 0.53 | 0.91 | 4.86 | 0.04 | 0.03 | 3.23 | 0.48 | 100.17 | 484 | 27 | 195 | 101 | 31 | 240 | -0.02 |
| QA07754 | S-LR98-243 | WR | 618 035 | 6 450 212 | Peridotite | I4I | 38.45 | 0.1 | 1.8 | 13.12 | 0.19 | 33.86 | 1.09 | 0.16 | 0.02 | 0.73 | 0.02 | 9.26 | 98.8 | -50 | -5 | 16 | -5 | -5 | 19 | 0.24 |
| QA07755 | S-LR98-244 | WR | 617 112 | 6 450 047 | Rhyolite | V1B | 70.6 | 0.36 | 15.06 | 3.38 | 0.06 | 1.24 | 2.19 | 4.2 | 0.09 | 0.03 | 1.46 | 1.32 | 100.08 | 316 | 19 | 78 | 236 | 10 | 170 | 0.02 |
| QA07756 | S-LR98-246 | WR | 616 927 | 6 449 867 | Basalt | V3B | 49.05 | 0.85 | 11.14 | 12.34 | 0.19 | 12.13 | 9.48 | 1.67 | 0.07 | 0.15 | 0.74 | 1.45 | 99.29 | 184 | -5 | 37 | 65 | 15 | 52 | 0.07 |
| QA07757 | S-LR98-248 | WR | 616 424 | 6 449 754 | Gabbro | I3A | 44.59 | 0.23 | 2.56 | 12.98 | 0.19 | 29.86 | 3.52 | 0.18 | 0.03 | 0.27 | 0.02 | 4.9 | 99.34 | -50 | -5 | 15 | 15 | 7 | 19 | 0.2 |
| QA07758 | S-LR98-254 | WR | 614 661 | 6 449 123 | Pegmatite | I1G | 73.7 | 0.03 | 15.9 | 0.64 | 0.01 | 0.21 | 3.11 | 4.68 | 0.01 | 0.03 | 1.63 | 0.26 | 100.43 | 1728 | 25 | 67 | 285 | 11 | 70 | -0.02 |
| QA07759 | S-LR98-255 | WR | 614 583 | 6 449 017 | Basalt | V3B | 47.36 | 1.66 | 14.12 | 16.48 | 0.26 | 4.46 | 8.27 | 3.25 | 0.08 | 0.01 | 1.14 | 1.08 | 100.22 | 326 | -5 | 37 | 63 | 15 | 79 | 0.2 |
| QA07760 | S-LR98-257 | WR | 613 678 | 6 447 324 | Gabbro | I3A | 51.03 | 0.45 | 14.4 | 9.28 | 0.15 | 7.62 | 10.4 | 2.12 | 0.05 | 0.06 | 1.96 | 2.41 | 100 | 333 | -5 | 131 | 185 | 12 | 58 | 0.08 |

Legend
(rock facies)

- Andesite
- Basalt
- Gabbro
- Gneiss
- Granite
- Hornblendite
- Orthogneiss
- Pegmatite
- Peridotite
- Pyroxenite
- Rhyolite
- Tonalite
- Tuff

MRN-GÉOINFORMATION 2001

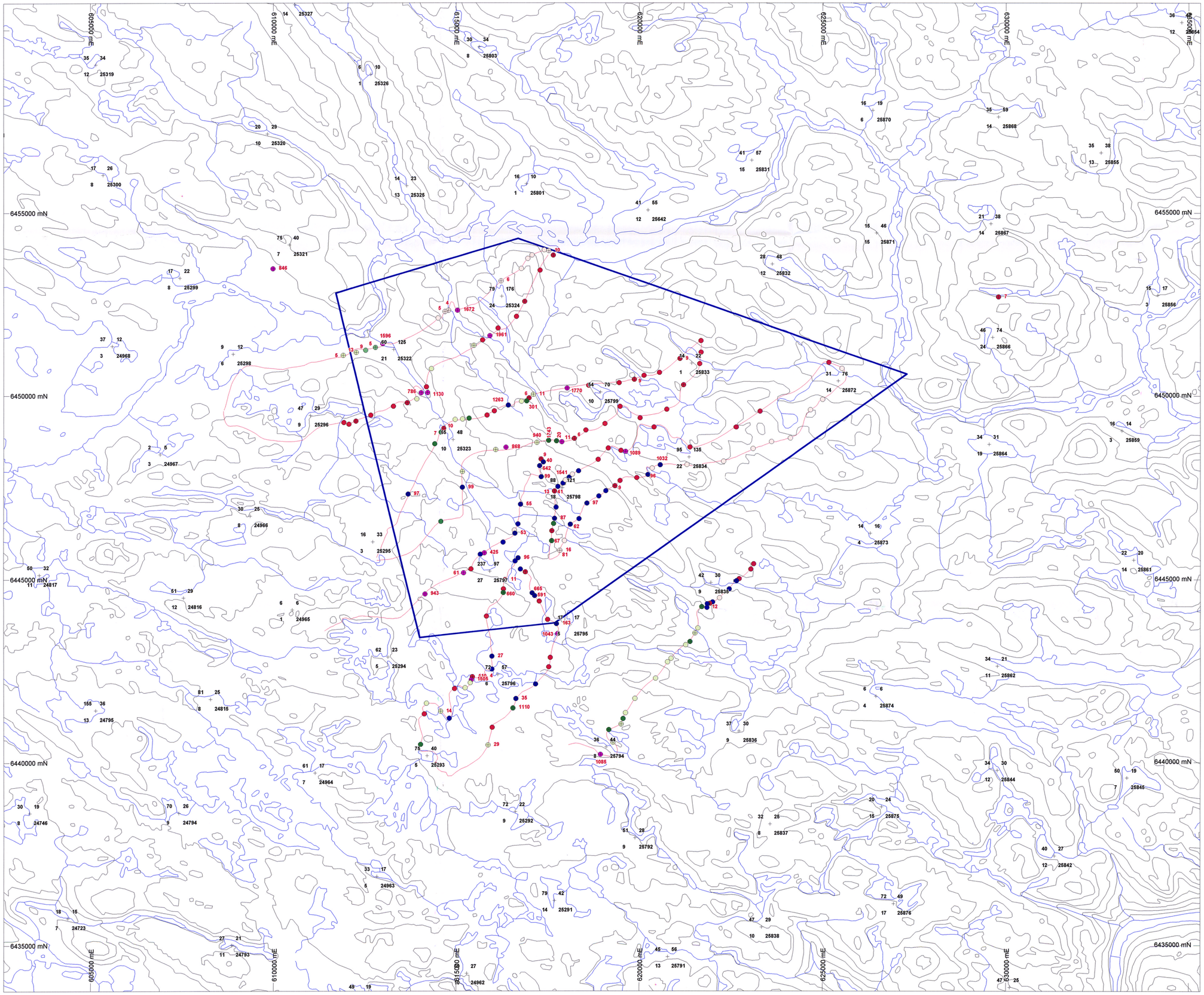
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

**GRAND-NORD PROJECT**
**PERMIT 1358**
**GEOLOGICAL STATIONS**

| | |
|---|---|
| Date:11/9/1998 | Drawing: |
| Author: I. Lépine | .wor name: GN_1358_geo |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




Legend
(rock facies)

- Andesite
- Basalt
- Gabbro
- Gneiss
- Granite
- Hornblendite
- Orthogneiss
- Pegmatite
- Peridotite
- Pyroxenite
- Rhyolite
- Tonalite
- Tuff

Cu Ni
Co Bottom Lake Sample #

125 Assays Results (Ni ppm)

Traverses

Falconbridge Permit

Geological Stations

MRN-GÉOINFORMATION 2001

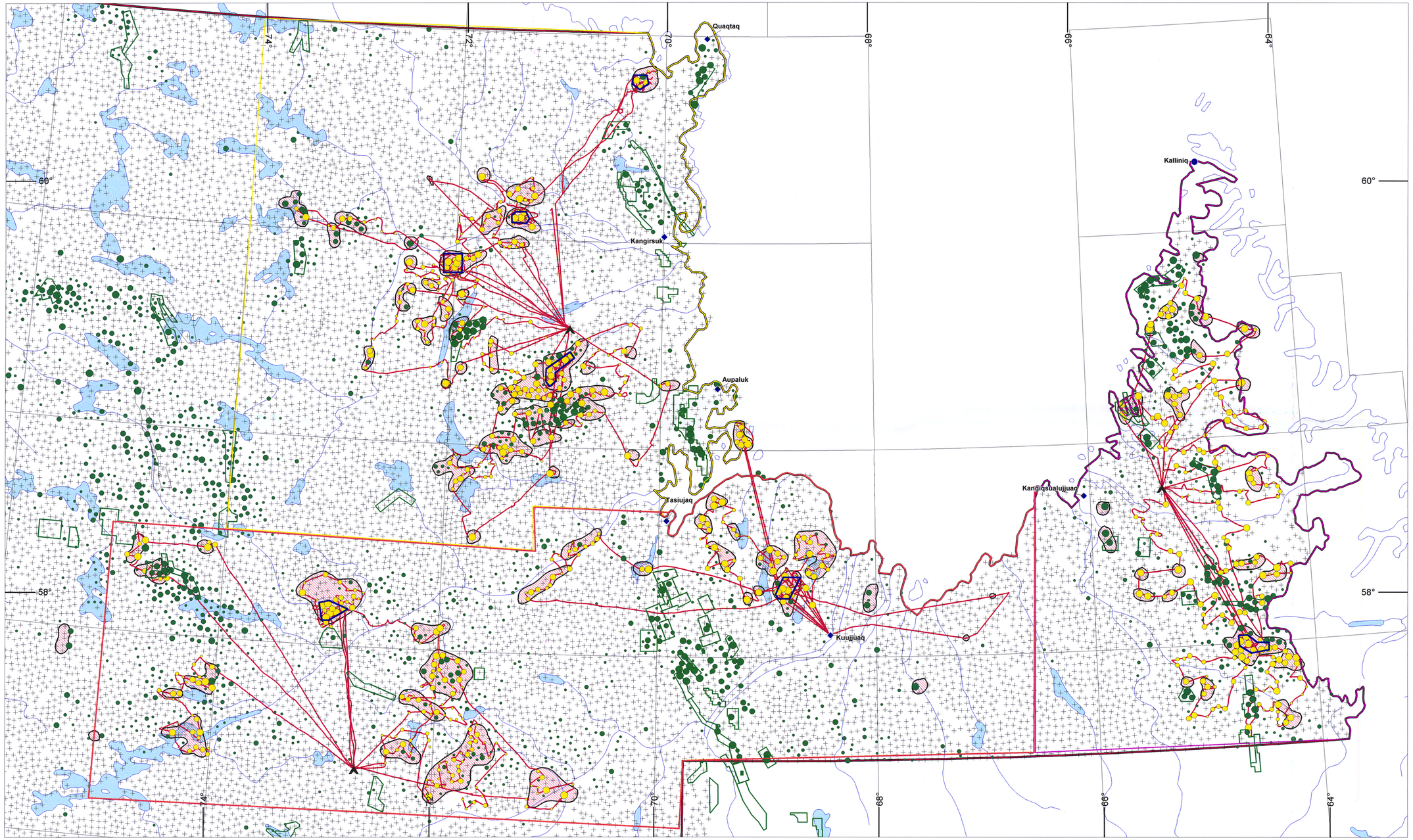
GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

GRAND-NORD PROJECT
PERMIT 1358
NI ASSAYS RESULTS AND LAKE BOTTOM ANOMALY

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lépine | .wor name: GN_1358_geoANOM |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:50000 |

500 0 500 1000
metres




**Nickel Anomaly Visited**
(ppm)

| | |
|---|---|
| 99.5%-90% | (95-717) |
| 99%-99.5% | (75-95) |
| 98%-99% | (60-75) |
| 97%-98% | (52-60) |
| 96%-97% | (47-52) |
| 95%-96% | (44-47) |
| 90%-95% | (35-44) |
| 0%-90% | (<35) |

**Top 10% Nickel Anomaly**
(ppm)

| | |
|---|---|
| 99.5%-100% | (95-717) |
| 99%-99.5% | (75-95) |
| 98%-99% | (60-75) |
| 97%-98% | (52-60) |
| 96%-97% | (47-52) |
| 95%-96% | (44-47) |
| 90%-95% | (35-44) |
| 0%-90% | (<35) |

- Helicopter Traverses
- Previous Anomaly Target
- Falconbridge Permits
- Other Company Permits
- Grant Area (Tassiviup area)
- Grant Area (Kuujjuaq and Nedlouc area)
- Grant Area (Torngats area)
- Québec government camps

MRN-GÉOINFORMATION 2001

GM 58329

**FALCONBRIDGE LIMITED - EXPLORATION**
**EASTERN NORTH AMERICA**

**Grand Nord Project**
**Anomaly Target, Visited Anomaly, Helicopter Flight, Falconbridge Permit Location**

| | |
|---|---|
| Date:16/12/98 | Drawing: |
| Author: I. Lépine | .wor name: GN_AnomVisit |
| Montreal | NTS: |
| Projection: UTM Zone 19 (NAD 83) | Scale: 1:1000000 |

15 0 15 30
kilometres