



42G16SE8003 12 CLAY

010

DIAMOND DRILLING

Township: clay

Report No: 12

WORK PERFORMED FOR: Chibougamau Mining & Smelting Co. Ltd.

RECORDED HOLDER: SAME AS ABOVE [ ]

: OTHER [ ]

| <u>CLAIM NO.</u> | <u>HOLE NO.</u> | <u>FOOTAGE</u> | <u>DATE</u> | <u>NOTE</u> |
|------------------|-----------------|----------------|-------------|-------------|
| S 84365          | 4               | 89'            | Mar/57      |             |
|                  | 4-A             | 1020'          | Mar/57      |             |

NOTES:

BRADLEY CLAIMS, CLAY TOWNSHIP  
PROPERTY PORCUPINE MINING DIVISION

on claim S-84365  
610' south of #1 Post  
570' west of #1 Post

# DIAMOND DRILL RECORD

Hole No. 4 Sheet No. 1 Lat. 1550'N Total Depth 1020'  
Section \_\_\_\_\_ Dep. 3350'E of base line Elev. Collar \_\_\_\_\_  
Date begun March 15, 1957 Bearing \_\_\_\_\_ Elev. Bottom \_\_\_\_\_  
Date finished March 30, 1957 Angle collar - vertical, 300' - 90°, 600' - 89°, 900' - 88°.

| CORE ASSAYS |              |      |       | % iron (magnetic) | REMARKS  |
|-------------|--------------|------|-------|-------------------|--|
| FROM        | FEET SAMPLED | No.  | VALUE |                   |  |
| 0.0         |              |      |       |                   | Casing - bedrock on March 19   |
| 110.0       |              |      |       |                   | Syenite - medium-to coarse-grained, locally m/l brecciated with strcs of black hblde or of magnetite, 8" white Qtz - 40° 113.8', 2" mag - 300° 127.7', 1" - 138.5', all quite massive. |
| 143.5       | 10.0         | 2030 | 10.88 |                   | Diorite - much hblde, m/l brecciated, about 20% mag strcs  |
| 153.5       | 10.0         | 31   | 7.95  |                   | " - " " " " " " " " " " " "  |
| 163.5       | 9.3          | 32   | 14.49 |                   | " - " " " " " " " " " " " "  |
| 172.8       |              |      |       |                   | " - fine-grained, dark gray, massive   |
| 190.7       | 10.3         | 2033 | 14.92 |                   | " - basic, much hblde, m/l brecciated, about 20% irreg strcs mag, 4" feldspar with scheelite? - 40° 200.1'.  |
| 201.0       | 11.0         | 34   | 11.30 |                   | " - basic, much hblde, m/l brecciated, about 20% irreg strcs mag   |
| 212.0       | 11.0         | 35   | 12.62 |                   | " - " " " " " " " " " " " "  |
| 223.0       | 11.0         | 36   | 11.40 |                   | " - " " " " " " " " " " " "  |
| 234.0       | 10.2         | 37   | 8.43  |                   | " - " " " " " " " " " " " "  |
| 244.2       |              |      |       |                   | Syenite - grades from above - 248.7' into o g, m/l feldspathic (60% feldspar, 40% hblde) with numerous streaks & blebs of black hblde, little or no mag, all massive.                  |
| 275.0       | 10.0         | 2038 | 9.41  |                   | Diorite - basic, much hblde, m/l brecciated, about 15% irreg strcs mag   |
| 285.0       | 10.0         | 39   | 7.58  |                   | " - " " " " " " " " " " " "  |
| 295.0       | 8.2          | 40   | 8.28  |                   | " - " " " " " " " " " " " "  |
| 303.2       |              |      |       |                   | Syenite - o to m g, about 60% feldspar, 40% hblde in streaks & blebs, gradually becoming more hbldic, all massive.   |
| 333.0       | 11.0         | 2041 | 8.59  |                   | Diorite - basic, much hblde, m/l brecciated, about 10% irreg strcs mag   |
| 344.0       | 11.0         | 42   | 4.93  |                   | " - " " " " " " " " " " " "  |
| 355.0       | 11.0         | 43   | 2.33  |                   | " - " " " " " " " " " " " "  |
| 366.0       | 11.0         | 44   | 4.86  |                   | " - " " " " " " " " " " " "  |
| 377.0       | 11.0         | 45   | 3.38  |                   | " - " " " " " " " " " " " "  |
| 388.0       | 11.3         | 46   | 1.33  |                   | " - " " " " " " " " " " " "  |
| 399.3       | 10.7         | 47   | 20.50 |                   | " - " " " " " " " " " " " "  |
| 410.0       | 10.0         | 48   | 18.86 |                   | " - " " " " " " " " " " " "  |
| 420.0       | 10.0         | 49   | 12.81 |                   | " - " " " " " " " " " " " "  |
| 430.0       | 10.0         | 50   | 11.06 |                   | " - " " " " " " " " " " " "  |
| 440.0       | 10.0         | 51   | 12.64 |                   | " - " " " " " " " " " " " "  |

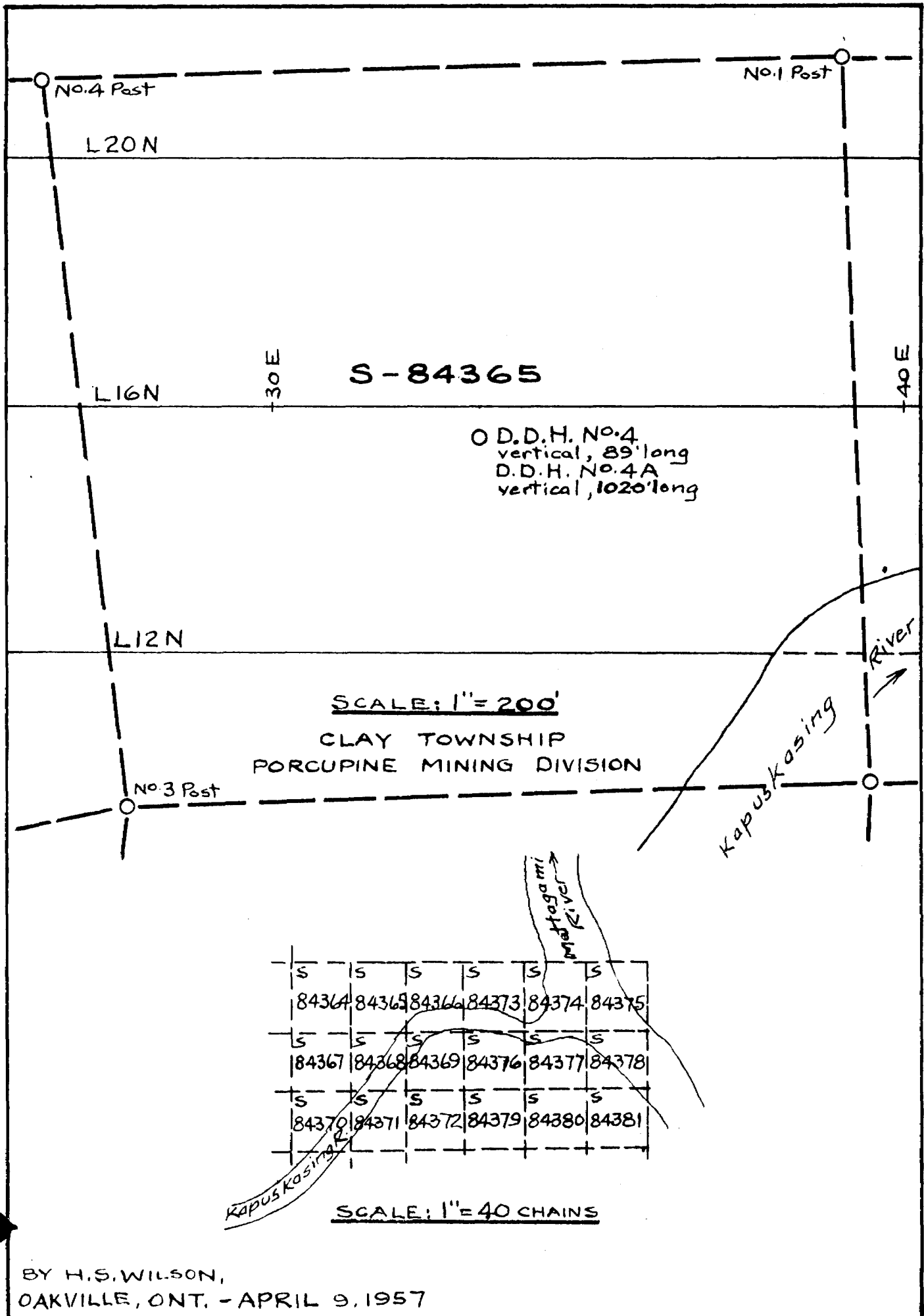
| FROM   | CORE ASSAYS  |      | % iron (magnetic) | REMARKS   |
|--------|--------------|------|-------------------|---|
|        | FEET SAMPLED | NO.  |                   |   |
| 450.0  | 10.0         | 2052 | 15.51             | Diorite - basic, much hblde, m/l brecciated, about 30% irreg strc mag   |
| 460.0  | 10.0         | 53   | 25.20             | " " " " " " " 35% " " "   |
| 470.0  | 10.0         | 54   | 20.10             | " " " " " " " 30% " " "   |
| 480.0  | 10.0         | 55   | 13.86             | " " " " " " " 20% " " "   |
| 490.0  | 11.7         | 56   | 10.00             | " " " " " " " 10% " " "   |
| 501.7  |              |      |                   | " - mostly f g, black, hblde, with short sections feldspathic syenite (3.5' - 510'), a few small strc of mag  |
| 522.0  | 11.0         | 2057 | 9.38              | Syenite - m/l feldspathic, some hblde, 5-10% dissem mag, m/l sharp contact  |
| 533.0  | 10.0         | 58   | 14.03             | " " " " " " " " " 60°   |
| 543.0  | 10.0         | 59   | 7.95              | " " " " " " " " " " "   |
| 553.0  |              |      |                   | " - mostly f to m g, feldspathic, with short hblde sections, massive to slightly gneissic 45°.  |
| 572.5  |              |      |                   | Diorite - m g, black, hblde, contact sharp 45°, num tiny irreg strc q-carb  |
| 580.0  | 10.0         | 2060 | 15.37             | " - black, hblde, 10-15% mag in irreg strc & m/l dissem, 8" mag 50°   |
| 590.0  | 10.0         | 61   | 6.56              | " " " " " " " " " " " ( 582.5' )  |
| 600.0  | 10.0         | 62   | 12.50             | " " " " " " " " " " " 5% calcite strc   |
| 610.0  |              |      |                   | " - " " " " " " " " " " " massive, with short sections m/l feldspathic from about 622', several short sections with m/l mag, mostly in q-carb or calcite strc of which 2'-3' @ 629', 2' @ 640'.   |
| 662.0  |              |      |                   | Syenite - mostly o g, feldspathic, pink, massive, with short, irreg strc hblde, 6" of 80% mag @ 723.4', local 1/2" to 2" strc black hblde, 1/2" black hblde m/l parallel core axis from 864.3' to 874' &, with Qtz, to 881', f g dioritic dike 40° @ 966.0' to 968.2', Syenite quite quartzose? (Nepheline?) from about 982' with short sections of m/l normal syenite. |
| 1020.0 |              |      |                   | ----- END OF HOLE -----   |

logged & sampled by H.S. Wilson, March 30, 31, & April 1, 1957.

AVERAGES

| From  | To    | core length | % iron (magnetic) |
|-------|-------|-------------|-------------------|
| 143.5 | 172.8 | 29.3        | 11.02             |
| 190.7 | 244.2 | 53.5        | 11.74             |
| 275.0 | 303.2 | 28.2        | 7.84              |
| 333.0 | 399.3 | 66.3        | 4.27              |
| 399.3 | 501.7 | 102.4       | 15.76             |
| 522.0 | 553.0 | 31.0        | 10.42             |
| 580.0 | 610.0 | 30.0        | 11.48             |





S - 84365

○ D.D.H. No. 4  
vertical, 89' long  
D.D.H. No. 4A  
vertical, 1020' long

SCALE: 1" = 200'

CLAY TOWNSHIP  
PORCUPINE MINING DIVISION

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| S     | S     | S     | S     | S     | S     |
| 84364 | 84365 | 84366 | 84373 | 84374 | 84375 |
| S     | S     | S     | S     | S     | S     |
| 84367 | 84368 | 84369 | 84376 | 84377 | 84378 |
| S     | S     | S     | S     | S     | S     |
| 84370 | 84371 | 84372 | 84379 | 84380 | 84381 |

SCALE: 1" = 40 CHAINS

BY H.S. WILSON,  
OAKVILLE, ONT. - APRIL 9, 1957