



31M04SW0006 13 CHAMBERS

010

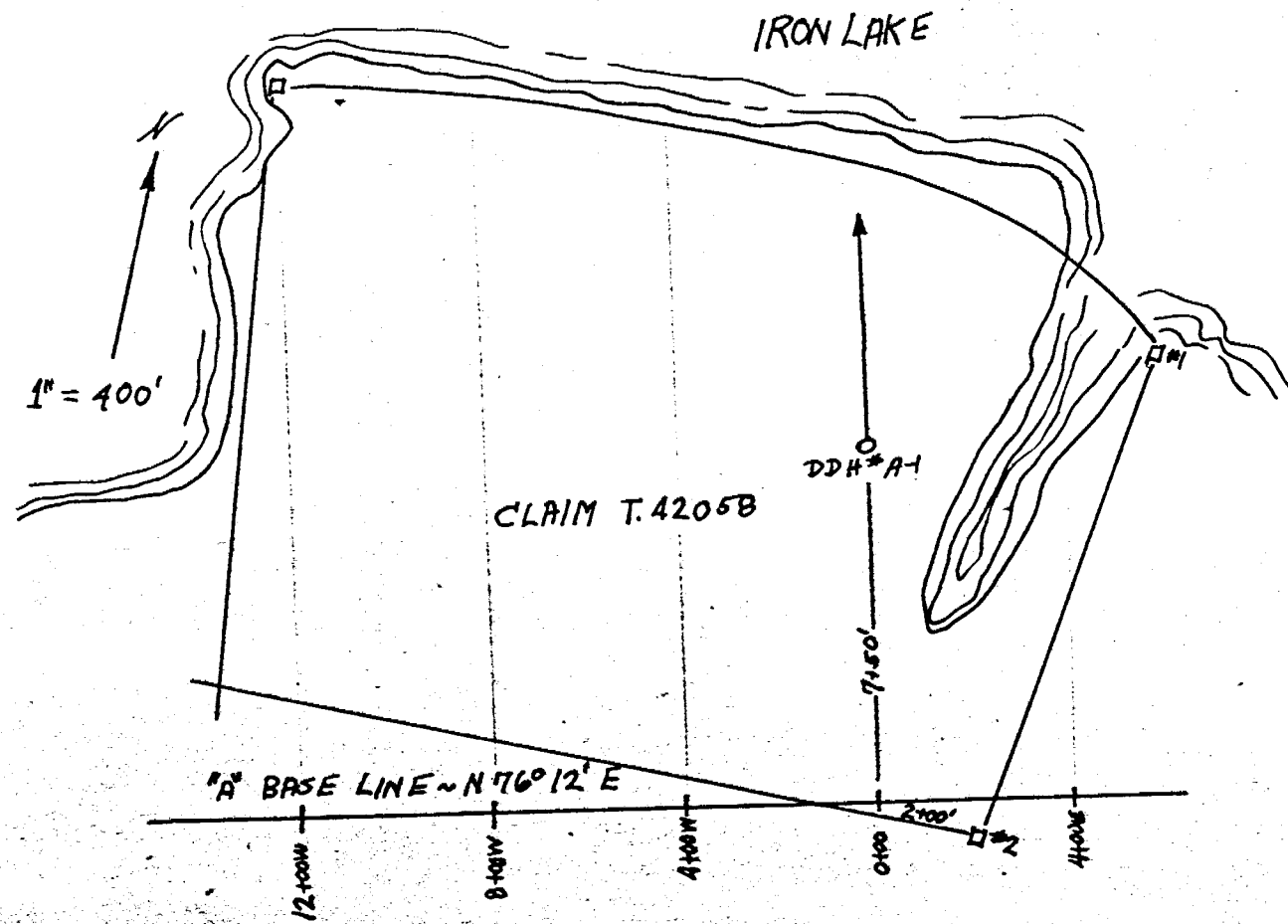
Diamond Drilling

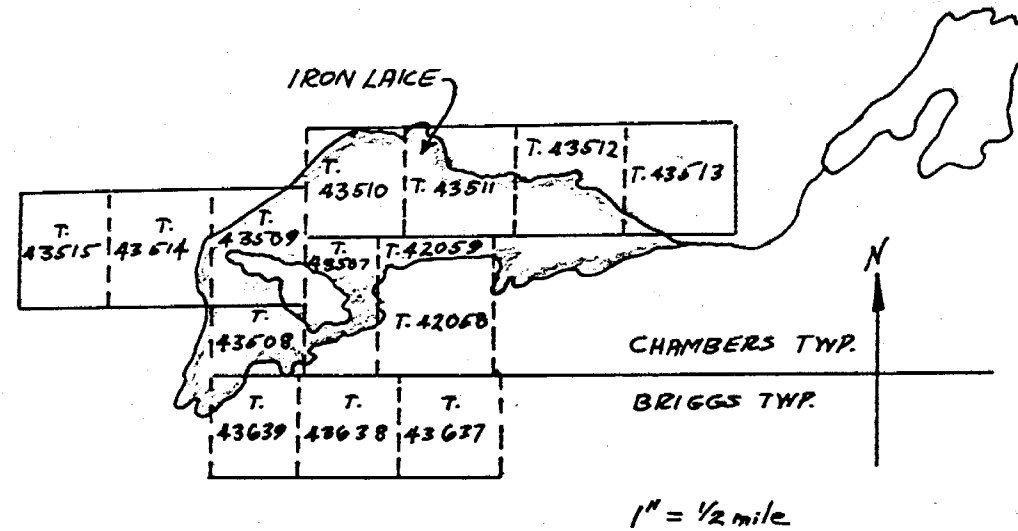
Township of CHAMBERS

Report No: 13

Work performed by: Strathagami Mines Incorporated

| Claim No | Hole No | Footage | Date | Note |
|----------|---------|---------|---------|------|
| T 42508 | A-1 | 903' | June/60 | |
| | A-2 | 582' | July/60 | |
| | A-16 | 573' | May/61 | |
| | A-17 | 438' | May/61 | |
| | A-19 | 320' | June/61 | |
| | A-21 | 428' | June/61 | |
| | A-23 | 446' | June/61 | |
| | A-25 | 313' | June/61 | |
| | A-28 | 483' | June/61 | |
| T 42509 | A-1 | 53' | May/59 | |
| | A-2 | 40' | May/59 | |
| | A-3 | 28' | May/59 | |
| T 43508 | A-3 | 398' | Aug/60 | |
| | A-20 | 451' | June/61 | |
| | A-22 | 229' | June/61 | |
| | A-24 | 182' | June/61 | |
| T 43507 | A-18 | 66' | May/61 | |
| | A-26 | 344' | June/61 | |





DIAMOND DRILL RECORD

PROPERTY TEMISKAMING - O.R. 140-C



Location: Claim No. T. 12028
 Lat. 74° 30' N
 Dep. 1420 000 Base Line 200
 Elevation of Collar _____
 Datum _____

Started June 17, 1960
 Completed June 27, 1960
 Ultimate Depth 203'
 Proposed Depth _____

Direction at Start: Bearing N 13 1/2° W
 Dip 45°

| Date | Feet Drilled | Total Depth | Section | | | Remarks (log) | Dip | Gravel |
|------------|--------------|-------------|---------|-----|------|--|-----|------------|
| | | | From | To | Feet | | | |
| June 17/60 | 62 | 62 | 0 | 15 | 15 | Overburden | | |
| | | | 15 | 62 | 47 | Andesitic pyroclastic, light green. | | 30° - 45° |
| June 18/60 | 102 | 164 | 62 | 85 | 23 | Andesitic pyroclastic, denser, light green, small zones containing chalcocite, pyrrhotite and calcite at 74' | | 60° - 47° |
| | | | 85 | 91 | 6 | Dark, gray, slightly magnetic | | |
| | | | 91 | 94 | 3 | Low magnetic cherty iron formation, thin bedded | | 95° - 90° |
| | | | 94 | 97 | 3 | Dark, gray | | |
| | | | 97 | 120 | 23 | Low, magnetic cherty iron formation, thin to medium bedded. Magnetic bands prominent. | | |
| | | | 120 | 135 | 15 | Low - normal magnetic cherty iron formation medium bedded | | 125° - 55° |
| | | | 135 | 136 | 1 | Andesite tuff, green | | 15° - 40° |

Drilled by Heath & Sherwood

R. C. Hartman
 Engineer in Charge

PROPERTY

MERCURY - C.E. 1140-C

Hole No. A-1

Sheet No. 2

| Date | Feet Drilled | Total Depth | Section | | | Remarks (log) | Core Recov. | Crossing of Bedding |
|------------|--------------|-------------|---------|-----|------|--|-------------|---------------------|
| | | | From | To | Feet | | | |
| | | | 136 | 149 | 13 | Lean, magnetic cherty, iron formation, thin to medium banded. | | 146'-56" |
| | | | 149 | 153 | 4 | Chert, alternating dark and light bands; $\frac{1}{2}$ " veinlet pyrite with small trace chalcocite at 151'. | | 152'-45" |
| | | | 153 | 155 | 2 | Lean, cherty, magnetic iron formation, medium banded | | |
| | | | 155 | 157 | 2 | Interbedded chert and andesitic tuff | | |
| June 19/60 | 71 | 236 | 157 | 167 | 10 | Andesitic tuff, light green | | 164'-25" |
| | | | 167 | 168 | 1 | Normal magnetic cherty iron formation, medium banded | | |
| | | | 168 | 172 | 4 | Chert, gray. | | |
| | | | 172 | 178 | 6 | Normal, magnetic, cherty, iron formation medium banded | | 173'-55" |
| | | | 178 | 197 | 19 | Very lean magnetic, cherty, iron formation. Large bands chert, very small bands iron formation. | | 188'-55" |
| | | | 197 | 198 | 1 | Pyritiferous, chloritic zone and chert. | | |
| | | | 198 | 200 | 2 | Chert, light. | | |
| | | | 200 | 218 | 18 | Normal magnetic cherty iron formation, medium banded | | 214'-57" |
| | | | 218 | 220 | 2 | Lean, magnetic, cherty iron formation, thin banded | | |
| June 20/60 | 113 | 348 | 220 | 282 | 62 | Normal magnetic cherty iron formation, medium banded | | 225'-55" |

R. C. Hartviksen
Engineer in Charge

PROPERTY

MAGAMI - O.S. 140-C

Hole No. A-1

Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recov. | Crossing Bedding |
|------------|--------------|-------------|---------|-----|------|--|-------------|------------------|
| | | | From | To | Feet | | | |
| | | | 282 | 326 | 44 | Dioritic intrusion. Grades thru | | 255'-45" |
| | | | | | | Chlorite, actinolite, biotite down hole | | 274'-50" |
| June 21/60 | 102 | 450 | 326 | 386 | 60 | Normal magnetic cherty iron formation, medium banded | | 348'-60" |
| | | | | | | Well fractured; jasper bands noted. | | 365'-60" |
| | | | 386 | 398 | 12 | Interbedded chert (light) and tuffaceous material (green) | | 373'-50" |
| | | | 398 | 434 | 36 | Lean to normal magnetic cherty iron formation, medium banded; Chert bands predominate. | | 407'-60" |
| | | | 434 | 437 | 3 | Andesitic tuff, light green. | | 419'-67" |
| June 22/60 | 117 | 567 | 437 | 455 | 18 | Normal magnetic cherty iron formation, medium banded | | 440'-58" |
| | | | 455 | 472 | 16 | Light grayish, green sphyalitic tuff | | 465'-60" |
| | | | 472 | 519 | 48 | Normal magnetic cherty iron formation, medium banded | | 485'-70" |
| | | | 519 | 525 | 6 | Andesitic pyroclastic; carbonate veg at 520' | | 509'-65" |
| | | | 525 | 543 | 18 | Interbedded chert (light) and tuffaceous material | | |
| June 23/60 | 82 | 649 | 543 | 659 | 116 | Normal magnetic cherty iron formation, medium banded | | 600'-60" |
| | | | | | | Interbedded jasper (618-640) | | 655'-65" |
| June 24/60 | 86 | 735 | 659 | 664 | 5 | Interbedded light and dark chert and green andesite tuff | | |

R. C. Hartviksen

Engineer in Charge

PROPERTY

TOLSON

A.S. 14000

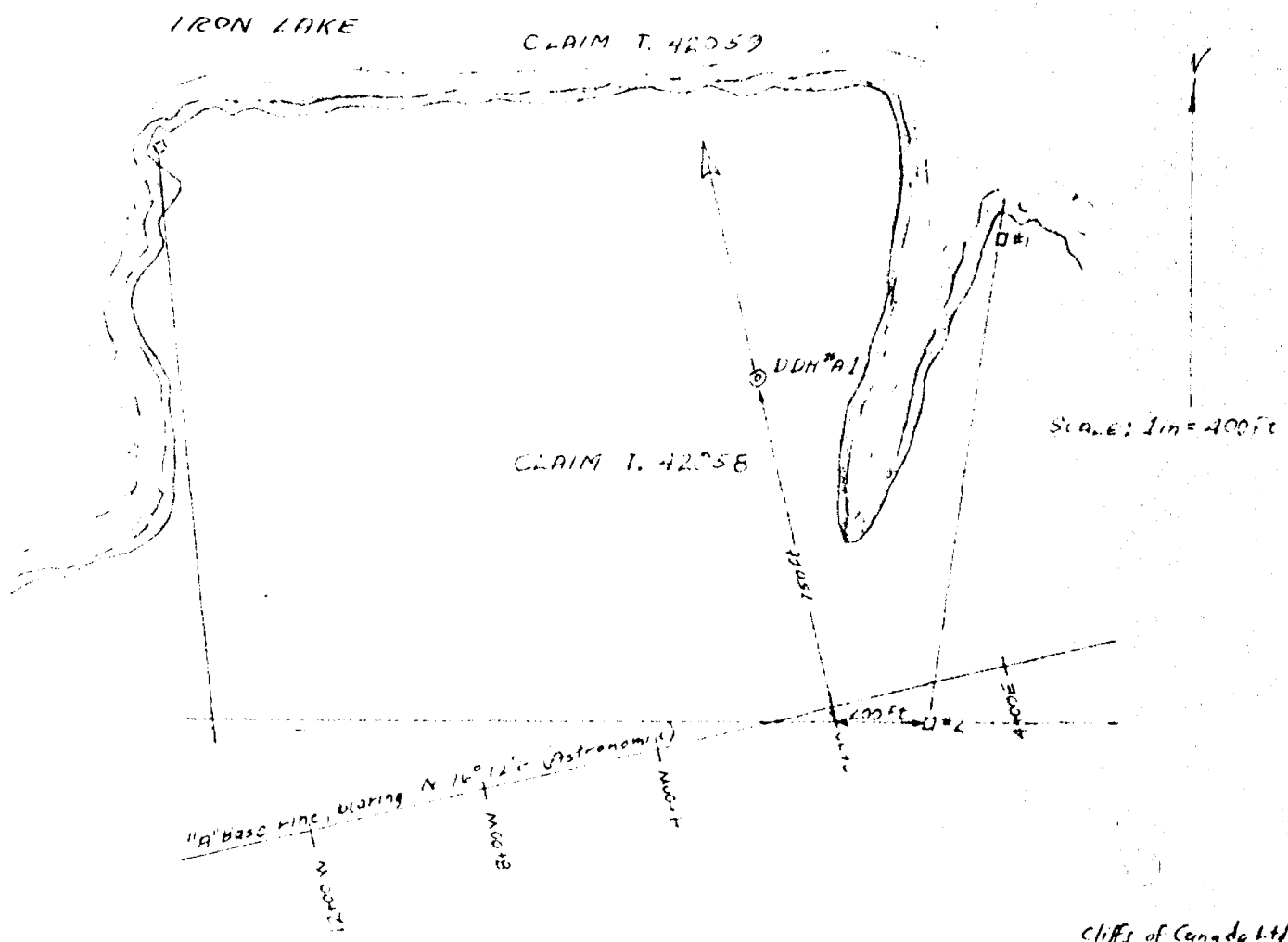
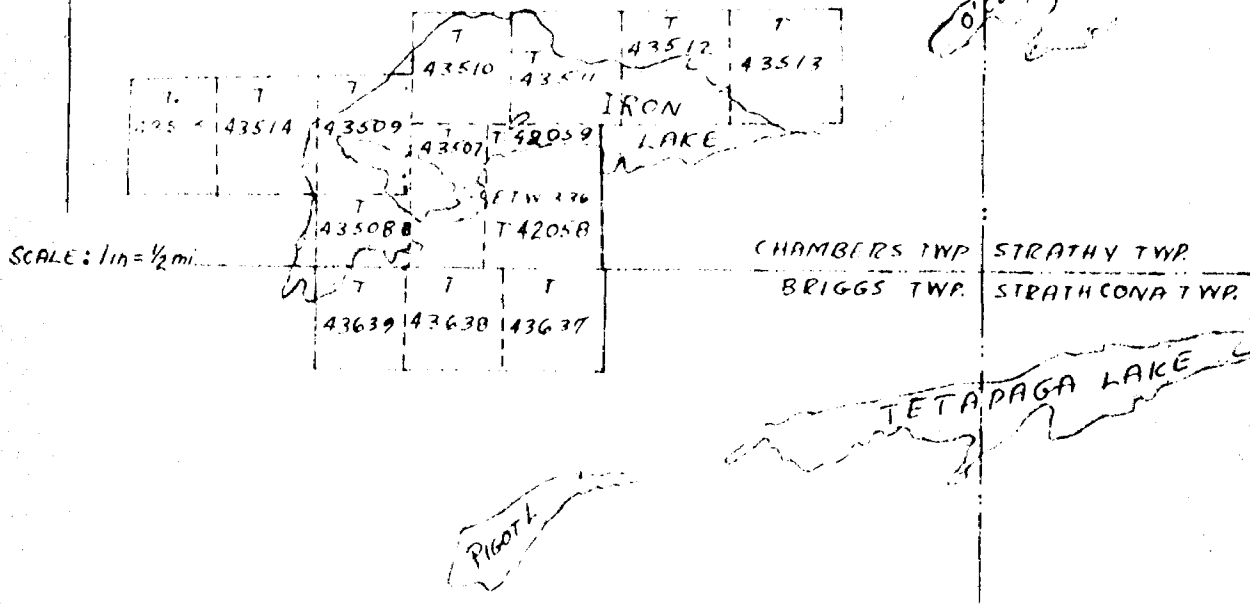
Hole No. 1-1

Sheet No. 1

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recov. | Crossing Bedding |
|-------------|--------------|-------------|---------|--------|------|---|-------------|------------------|
| | | | From | To | Feet | | | |
| | | | | | | to 63.5, $\frac{1}{2}$ " veinlet chalcocite, pyrrhotite and pyrite. | | |
| | | | 66 | 70 | 36 | Interbedded light and dark chert with minor tuff beds. Numerous narrow zones of pyrrhotite generally associated with dark fine grained graphite rock. | | |
| | | | | | | Chalcocite occurs in veinlets and vugs; abundant disseminated zones of pyrite (also in vugs and veinlets) | | |
| | | | 70 | 72 | 2h | Pyritiferous (or arsenopyrite) cherty zone. Some free quartz. | | |
| June 25/60 | 58 | 79h | 72h | 87 | | Tuff, siltite, light grey - yellow | | |
| June 26/60 | 73 | 86f | 87 | 83 | | Tuff, grey siltite | | |
| June 27/60 | 36 | 93 | 83 | 93 | | Tuff, light yellow siltite grading to darker grey | | |
| | | | | | | to 87' | | |
| | | | Depth | Actual | | End of Core | | |
| Inclination | North | 80° | | | | | | |
| | | 40° | | | | | | |
| | | 20° | | | | | | |
| | | 0° | | | | | | |

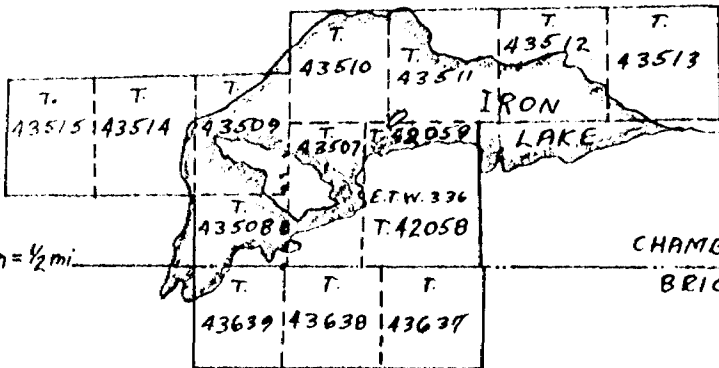
L. L. Harrison
Engineer in Charge

TIMISKAMING MINING DIVISION
ONTARIO



Cliffs of Canada Ltd.
B.W. Bludell
OE 1440-C

TIMISKAMING MINING DIVISION
ONTARIO

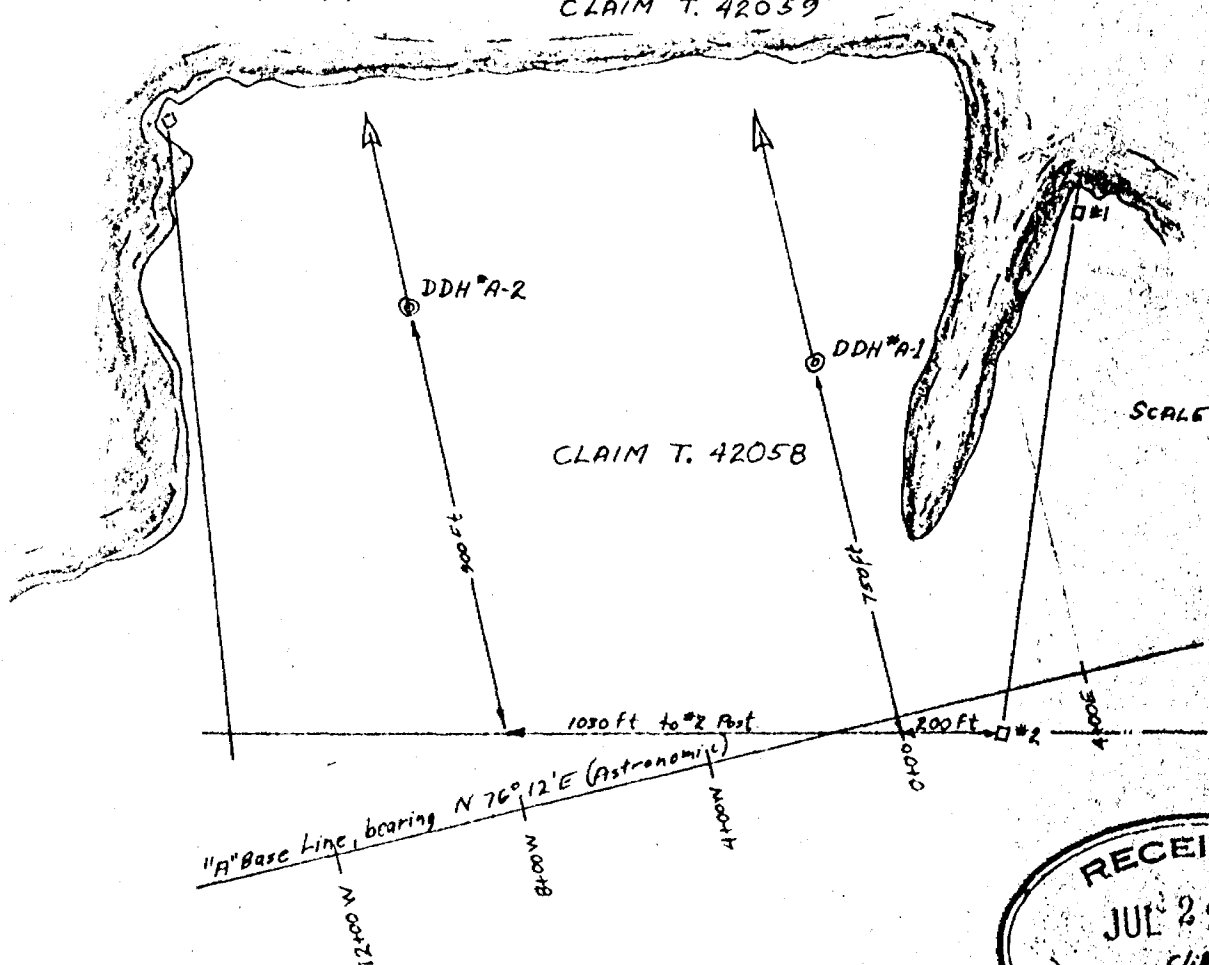


SCALE: 1 in = 1/2 mi

CHAMBERS TWP. STRATHY TWP.
BRIGGS TWP. STRATHCONA TWP.

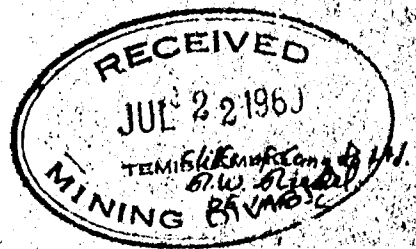
IRON LAKE

CLAIM T. 42059



SCALE: 1 in = 400 ft

"A" Base Line, bearing N 76° 12' E (Astronomic)
1030 ft to #2 Post
1500 ft
750 ft
200 ft
400 ft



DIAMOND DRILL RECORD

Hole No. A-2
Sheet No. 1

PROPERTY TEMAGAMI O.E. 1440-C

Location: Claim No. T. 42058
Lat. 10+50 N
Dep. LINE 8+00 W BASE LINE "A"
Elevation of Collar _____
Datum _____
Bearing N 13° 48' W
Direction at Start: Dip -45°

Started JULY 2, 1960
Completed JULY 8, 1960
Ultimate Depth 582'
Proposed Depth 600'

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) |
|--------|--------------|-------------|---------|-----|------|-----------------------------|
| | | | From | To | Feet | |
| JULY 2 | 24 | 24 | 0 | 16 | | OVERBURDEN |
| JULY 3 | 85 | 109 | 16 | 34 | | ANDESITE TUFF |
| | | | 34 | 38 | | INTERB. LT & DK. CNT + MAG. |
| | | | 38 | 102 | | DIABASE INTRUS. |
| | | | 102 | 109 | | TUFF, MAG. & CNT. |
| JULY 4 | 115 | 224 | 109 | 119 | | N. MAG. CNTY. I.F. M. BAND |
| | | | 119 | 127 | | TUFF, MAG & CNT |
| | | | 127 | 145 | | N. MAG. CNTY. I.F. M50 BAND |
| | | | 145 | 168 | | INTERB. I.F. & TUFF. |
| JULY 5 | 113 | 337 | 168 | 361 | | N. MAG. CNTY. I.F. M. BAND |
| JULY 6 | 98 | 435 | 361 | 388 | | INTER. CNT & TUFF |
| | | | 388 | 410 | | CNT + TUFF |

Drilled by HEATH & SHERWOOD

R.C. HARTVIKSEN
Engineer in Charge

DIAMOND DRILL RECORD

Hole No. A-16

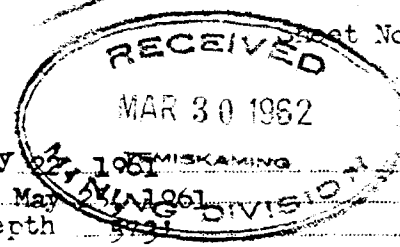
PROPERTY STRATHGAMI MINES INCORPORATED

Location: Claim No. 858' N
 Lat. Line 400 N, baseline A
 Dep. Line 400 N, baseline A

T 42058, T 42059 TEMCO C. E. 1440-C

Elevation of Collar _____
 Datum _____

Started May 22 1961
 Completed May 27 1961
 Ultimate Depth 573'
 Proposed Depth _____



Bearing N 13° 48' W

Direction at Start: Dip -55°

CASING PULLED

| Date | Feet Drilled | Total Depth | Section | | | Remarks (log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|---|---------------|--|
| | | | From | To | Feet | | | |
| May 22 | 196 | 196 | 0 | 6 | 6 | Casing | | 01'-55° |
| May 23 | 171 | 367 | 6 | 33 | 27 | Andesite Agglomerate, 1/8" dark green fragments in carbonate rich matrix, very soft rock | | 18'-50° 27'-55° 36'-55° |
| May 24 | 183 | 540 | | | | | | 38'-45° 46'-50° |
| May 25 | 33 | 573 | 33 | 37 | 4 | Andesite "uff", dark green. 33.5 quartz vein at 45°, normal to beds. 36-37 calcite veins at 45° " " " seams with green silicates at 45°. | | 52'-45° 62'-50° 72'-55° 82'-55° 92'-55° |
| | | | 37 | 94 | 57 | Very Lean, Magnetite Chert Chert-Silicate Iron Fr., medium, banded, dominantly white chert and greenish chert-silicate, softer than chert. Scattered magnetite | | 103'-45° 113'-40° 123'-40° 133'-50° 142'-45° 152'-40° |

Drilled by Boyles Bros. (Quebec) Limited

Gerald Barker, P. Eng.
 Engineer in Charge

PROPERTY

STRATHGAMI MINES INCORPORATED

Hole No. A-16

Sheet No. 2

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | beds. | | 172'-35° |
| | | | | | | 37-38 Normal, Magnetite Chert I. F. | | 162'-45° |
| | | | | | | with 20% siderite beds. Carbonate filled | | 182'-45° |
| | | | | | | fractures at 45°, normal to beds. | | 192'-30° |
| | | | | | | 45 quartz-calcite vein at 45, | | 201'-40° |
| | | | | | | normal to beds. | | 211'-35° |
| | | | | | | 50-51 green silicate beds, pyrite fills | | 221'-35° |
| | | | | | | fractures at 45°, normal to beds. | | 231'-50° |
| | | | | | | 57'-61' white chert with graphite | | 241'-50° |
| | | | | | | beds and pyrite; 2' ground core. | | 251'-30° |
| | | | | | | 72-77, 85-86 Normal, Magnetite Chert. | | 255'-40° |
| | | | | | | Silicate IF, medium banded, magnetite | | 260'-65° |
| | | | | | | fractured and chert-sil. filling. | | 265'-35° |
| | | | 94 | 140 | 46 | Lean Normal, Magnetite Chert-Silicate Iron Rm., | | 270'-40° |
| | | | | | | medium banded, local beds of dark green silicates. | | 280'-45° |
| | | | | | | 94'-109', 50'-50' zones of Normal, Mag. | | 290'-45° |
| | | | | | | | | 300'-45° |
| | | | | | | | | 310'-45° |
| | | | | | | | | 320'-40° |
| | | | | | | | | 330'-40° |
| | | | | | | | | 337'-40° |
| | | | | | | | | 345'-90° |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | Ch-Sil. If. and Ch-Sil. If. | | |
| | | | | | | 109'-127' Normal, Magn. Ch.-Sil. If. | | 352'-50° |
| | | | 110 | 192 | 52 | Chert-Silicate Iron Fm., medium banded, few magnetite beds. | | 362'-45° |
| | | | | | | 110'-157' 20% yellow beds. | | 372'-50° |
| | | | | | | 155' quartz-ankerite vein 5°; normal to beds/ 157'-172' 5' of 6-12" beds of Normal, Magnetite Chert If. | | 382'-35° |
| | | | 192 | 207 | 15 | Normal, Magnetite Chert Iron Fm., medium banded, 20% chert-silicate beds. | | 387'-40° |
| | | | | | | 195'-198' Magn. Jasper If. | | 396'-40° |
| | | | | | | 194'-220' quartz vein with pyrite. | | DIKE |
| | | | | | | 204.5-205.5 fractures at 40°, normal to beds, filled by white mineral --zeolite? | | 419'-30° |
| | | | 207 | 213 | 6 | Lean, Magnetite Chert Iron Fm., medium banded, 20% yellow beds with a green mineral. | | 462'-35° |
| | | | | | | | | 471'-35° |

Gerald Parker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|--|
| | | | From | To | Feet | | | |
| | | | 213 | 231 | 18 | Normal, Magnetite Chert Iron Formation, or Mag. Jasper IF., medium banded; and chert | | 485'-30° 495'-35° 505'-40° 515'-40° 525'-50° 535'-30° 545'-35° 555'-45° 565'-45° |
| | | | | | | Chert-Silicate I/F. Interbedded 213-228 7' of Mag. Ch. and Mag. Jasper 228'-231' Normal, Mag. Ch. If. MB 10% chert-silicate beds. | | |
| | | | 231 | 250 | 29 | Lean Normal, Magnetite Chert Iron Fm., medium banded; 20% chert-silicate beds. 239-240 quartz vein with pyrite. | | 570'-45° END |
| | | | 250 | 295 | 45 | Normal Rich, Magnetite Chert Iron Fm., medium banded, 250-255 Normal, M. C. I. F. 266.5, 271 quartz-pyrite vein at 50° normal to beds. 267' 1" pyrite bed. 276'-278' 289'-294', 299'-300' Jasper beds. 288'-289' 309'-311' ground core. | | |
| | | | 295 | 327 | 32 | Normal, Magnetite Chert Iron Fm., medium banded few Jasper sections. | | |

Gerald Barker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 316'-317' soft, green dike. | | |
| | | | | | | 323'-324' ground core. | | |
| | | | | | | 323', 326' pyrite in fractures. | | |
| | | | | | | 326' 1" quartz vein. | | |
| | | | 327' | 336 | 9 | Andesite Tuff, very soft, green; carbonates abundant in rock, beds or fragments at 40° 5' ground core. | | |
| | | | 336 | 352 | 16 | Normal Rich, Magnetite Chert Iron Fm., medium banded, 338'-339' jasper beds. | | |
| | | | | | | 340-347' beds parallel to core. | | |
| | | | 352 | 362 | 10 | Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow beds. | | |
| | | | | | | 357'-358' jasper beds. | | |
| | | | 362 | 372 | 10 | Chert Iron Fm., medium banded, 30% yellow beds. few magnetite beds. | | |
| | | | | | | 370'.5' 372' Dike?, massive, green rock, andesite composition. | | |

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 372 | 382 | 10 | Lean-Normal, Magnetite Chert Iron Fm., medium banded, 10% yellow beds, white and gray chert beds. | | |
| | | | | | | 372'-376' 380'-381' Normal, M. C.I.F. | | |
| | | | | | | 379'-380' slump breccia. | | |
| | | | 382 | 387 | 5 | Chert Iron Fm., medium banded; 20% pale yellow beds. | | |
| | | | 387 | 397 | 10 | Normal, Magnetite Chert Iron Fm., medium banded, 380'-393' Dike, massive, green rock. | | |
| | | | | | | 393'-397' several tongues of the dike. | | |
| | | | 397 | 452.5 | 55.5 | Dike, massive, green rock. | | |
| | | | | | | 398-401 ground core. | | |
| | | | | | | 411- coarse grained, 1/2 x 1 mm amphiboles. | | |
| | | | | | | 428.5-429 porphyritic dike of pink feldspars, 2x3 mm. | | |
| | | | 452.5 | 466 | 13.5 | Normal - Rich, Magnetite Chert Iron Fm., medium banded, 457'-458', 462'-463', 465-466' | | |

Gerald Barker, P. Eng.
 Engineer in Charge

PROPERTY

STRATHGAMI MINES INC.

Hole No. A-16

Sheet No. 7

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | jasper beds. | | |
| | | | | | | 458'-460' dike, massive, green rock. | | |
| | | | | | | 463' 4" green dike. | | |
| | | | 466 | 473 | 7 | Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow beds. | | |
| | | | | | | 471 quartz vein with pyrite at 45° normal to beds. | | |
| | | | 473 | 482 | 9 | Dike, massive, green rock. | | |
| | | | 482 | 508 | 26 | Normal, Magnetite Chert Iron Fm., medium banded, 485.5-485, 487-488, 491-492- pink jasper. | | |
| | | | | | | 489-490 ground core. | | |
| | | | | | | 503' 505' 1/2" quartz-pyrite veins at 45° normal to beds. | | |
| | | | | | | 495'-508' 10% pale yellow beds. | | |
| | | | 508 | 522 | 14 | Lean Normal, Magnetite Chert Iron Fm., medium banded: 508'-513' Lean M. C. I. F. 30% | | |

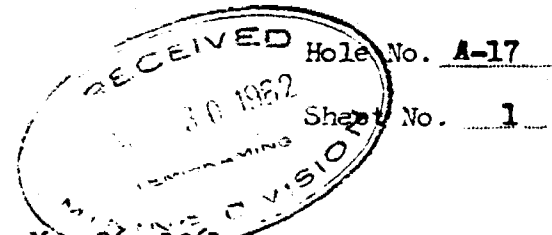
Gerald Parker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | yellow beds. | | |
| | | | 532 | 573 | 41 | Chert Iron Formation, medium banded, white chert in general: 40% pale yellow beds. | | |
| | | | | | | 541-541.7 80% pyrrhotite, graphite, and pyrite. | | |
| | | | | | | 541.7-542.7 green rock--andesite or dike. 563 1/2" calcite vein with pyrite at 70°, normal to beds. | | |
| | | | | | | 564 4" massive pyrrhotite with pyrite. | | |
| | | | | | | 570-573 grey chert beds. | | |
| | | | | 573 | | End of Hole. | | |
| | | | | | | DIP TESTS | | |
| | | | | | | 200' measured 50°, corrected 46 1/2° | | |
| | | | | | | 400' measured 41°, corrected 37 1/2° | | |
| | | | | | | 570' measured 35 1/2°, corrected 32° | | |

Gerald Barker, P. Eng.
 Engineer in Charge

DIAMOND DRILL RECORD

PROPERTY STRATHGAMI MINES INCORPORATED



Hole No. A-17
Sheet No. 1

Location: Claim No. T 42058, T 42059
Lat. 1138' N
Dep. line 400 W, baseline A.
Elevation of Collar _____
Datum _____

Started May 26, 1961.
Completed May 30, 1961.
Ultimate Depth 438'
Proposed Depth _____

Direction at Start: Bearing N 13° 48' W
Dip -55°

CASTING PULLED

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|---|---------------|-------------------------------|
| | | | From | To | Feet | | | |
| May 26 | 38 | 38 | 0 | 17 | 17 | Casing | | 22'-65° |
| May 27 | 135 | 173 | 17 | 47 | 30 | Normal-Rich, Magnetite Chert Iron Em., medium banded, few pink jasper beds. | | 27'-50° 32'-45° 42'-55° |
| May 29 | 137 | 310 | | | | 31-32, 40-42 pyrite in fractures. | | 47'-55° |
| May 30 | 128 | 438 | | | | 39, 39.5, 43, 1/4" quartz veins with pyrite. | | DIKE 64'-60° |
| | | | 47 | 63 | 16 | Dike, soft, green, andesite composition. | | 70'-50° |
| | | | | | | Altered? Amphiboles in pale matrix. | | 78'-55° |
| | | | | | | 47-48 fragments of Mag. Chert. in dike. | | 89'-45° |
| | | | | | | 48-50, 60-62 ground core. | | 93'-60° 103'-40° |
| | | | 63 | 72 | 9 | Normal-Rich, Magnetite Chert Iron Formation. | | DIKE 179'-45° |
| | | | | | | Medium banded, 64-66 pink jasper. | | 218'-50° 228'-60° |

Drilled by Boyles Bros. (Quebec) Limited.

Gerald Barker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-------|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 69-70 groundcore. | | 233'-50° |
| | | | 72 | 90 | 18 | Chert Iron Formation, white chert, pyrite and green beds. | | 238'-40° |
| | | | | | | 74.5 4" massive pyrite-pyrrhotite, | | 248'-50° |
| | | | | | | 77-90 10% magnetite and yellow beds. | | 258'-50° |
| | | | | | | 82'-85' green dike, 1' ground core. | | 268'-50° |
| | | | 90 | 105 | 15 | Lean, Magnetite Chert Iron Fa., medium banded, grey and white chert, 10% yellow beds. | | 278'-50° |
| | | | | | | 114', ground core | | 288'-50° |
| | | | 105 | 178.5 | 73.5 | Dike, dark green, fine grained 172'-173' few clacite veins. 108'-109(, 113'- | | 298'-35° |
| | | | | | | 120'-165' coarse grained, diabasic texture, dark green amphiboles in green matrix. 175'-178.5' altered, very soft. | | 307'-45° |
| | | | | | | Normal-Rich, Magnetite Chert Iron Fa., medium banded, | | 317'-45° |
| | | | 178.5 | 181 | 2.5 | Dike, dark green. | | 327'-45° |
| | | | | | | | | 332'-40° |
| | | | 181 | 183 | 2 | | | DIKE |
| | | | | | | | | END |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY

STRATHGAMI MINES INC.

Hole No. A-17Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 183 | 211 | 28 | Chert Iron Formation, slump breccia, few fragments of magnetite. Some pale yellow rock, some rusty (Siderite) rock mixed with the chert. | | |
| | | | | | | 181'-193', 193'-198' 2' ground in each run. | | |
| | | | 211 | 266 | 55 | Chert Iron Fm., medium banded, w hite chert 40% yellow beds with disseminated magnetite, or green silicates. | | |
| | | | | | | 211'-213' zones of pyrite, pyrrhotite, and green mineral -- silicate? | | |
| | | | | | | 232-233 abundant pyrite and pyrrhotite in yellow silicate rock. | | |
| | | | | | | 248-249 pyrrhotite beds, minor chalcovrite in yellow-grey silicate rock. | | |
| | | | | | | 260-266 few magnetite beds. | | |
| | | | | | | 261 1" calcite vein with pyrite. | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 266 | 275 | 9 | Lean, Magnetite Cherty Iron Fa., medium banded 30% pale yellow beds 27h, 283 quartz veins at 25°, normal to beds. | | |
| | | | 275 | 309 | 34 | Lean Normal, Magnetite Cherty Iron Fa., medium banded, 20% pale yellow-green beds. Mixed Lean and Normal, 302 1" pyrite bed. | | |
| | | | 309 | 335 | 26 | Normal, Magnetite Chert Iron Fa., medium banded, 10% yellow beds. 310-312, 319-321, 329-331 jasper beds. 334-335, contact zone. | | |
| | | | 335 | 438 | 103 | Diabase Dike, magnetic, 335-341 contact zone, very fine grained 341-364 fine grained. 390-438 coarse grained, 2 mm. amphiboles. 346'-348' ground core. | | |

438' end of holes

Gerald Barker, P. Eng.

DIP TESTS -- 200' measured 53 1/2°, corrected 50°
 400' " 49° " 45°

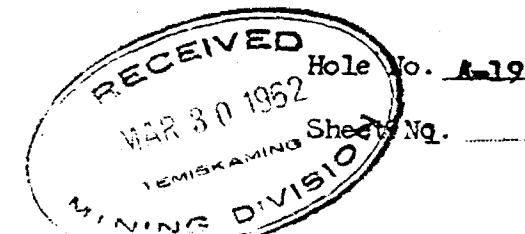
Engineer in Charge

DIAMOND DRILL RECORD

PROPERTY STRATHGAMI MINES INCORPORATED

Location: Claim No. T 420581 T 42059
 Lat. 1288' N
 Dep. line 800 W, baseline A
 Elevation of Collar _____
 Datum _____

TEMCO O. E. 1440-C



Started June 1, 1961
 Completed June 3, 1961
 Ultimate Depth 320 feet
 Proposed Depth _____

Direction at Start: Bearing N 13° 48' W
 Dip -50°

Casing Pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|---|---------------|----------------------------------|
| | | | From | To | Feet | | | |
| June 1 | 61 | 61 | 0 | 9 | 9 | Casing | | 13'-40° |
| June 2 | 137 | 198 | 9 | 21 | 12 | Normal, Magnetite Chert Iron Formation, medium banded, white chert, 5% green silicates | | 21'-45° 31'-35° 40'-50° |
| June 3 | 122 | 320 | | | | and pale yellow beds. Abundant rusty water seams. | | 50'-40° 60'-35° 70'-40° |
| | | | 21 | 29 | 8 | Chert Iron Formation, medium banded, 20% pale yellow beds, with magnetite beds, few magnetite beds, Abundant rusty water seams. | | 75'-40° 85'-45° 95'-35° |
| | | | | | | 22-23 pyrite rich section. | | 104'-45° 114'-35° 124'-35° |
| | | | | | | 24' 4" band of green silicates and yellow minerals. 26-27 slump breccia | | 135'-35° 144'-35° 154'-35° |

Drilled by Boyles Bros. (Quebec) Limited.

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 26.5 fracture at 60° normal to beds, | 165'-45 | |
| | | | | | | with green silicates and yellow mineral. | 175'-40 | |
| | | | 29 | 55 | 26 | Normal, Magnetite Cherty Iron Fm., medium | 182'-30 | |
| | | | | | | banded, 30-32 several rusty carbonate veins at 70°, normal to beds. | 192'-40° | |
| | | | | | | 33' 34, veins 70°, normal to beds. | 231'-35° | |
| | | | | | | 33-40 Lean-Normal, M. C. I. F. | 236'-30 | |
| | | | | | | 40-46 Cherty Iron Fm., 20% beds of green silicates and yellow mineral, | 241'-30 | |
| | | | | | | few magnetite beds. | 256'-30 | |
| | | | | | | 43-49, 53-54, IF fractured, rusty seams, open spaces along fractures. | 266'-30° | |
| | | | 55 | 71 | 16 | Normal Rich, Magnetite Cherty Iron Fm., medium | 275'-30° | |
| | | | | | | banded, 56'-57' long rusty water seams. | 283'-40° | |
| | | | | | | 64'-66' four quartz veins at 65°, normal | 294'-35° | |
| | | | | | | to beds, 67' 2" quartz vein with pyrite. | 302'-35° | |
| | | | | | | at 45°, normal to beds. | | END |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY

STRATHGAMM MINES INCORPORATED

Hole No. A-10Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|------|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 71 | 75 | 4 | Normal, Magnetite Chert Iron Fm., slump breccia. Intruded by quartz vein with pyrite. | | |
| | | | 75 | 80.5 | 5.5 | Dike, soft, massive, parts dark green, other parts pale green-grey. Intrusive contact at 75'. Similar to dike at 1350 N on surface. | | |
| | | | 80.5 | 92 | 11.5 | Normal, Magnetite Chert Iron Fm., medium banded, 10% yellow beds, local slump breccia. 90, 92, quartz vein with pyrite. | | |
| | | | 92 | 106 | 14 | Chert Iron Fm., medium banded, local slump breccias; grey chert, slightly magnetic; 20% yellow beds, few zones of white chert with magnetite beds. | | |
| | | | 106 | 121 | 15 | Chert Iron Fm., white chert; 40% 1/2-2" beds of yellow rock with disseminated magnetite | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | and pyrite. | | |
| | | | 121 | 131 | 10 | Chert Iron Fm., medium banded, grey chert, slightly magnetic, 20% 1/4-2" beds of yellow rock with disseminated magnetite. 123.5 1/4" quartz calcite vein with pyrite. 125.5 pyrite bed. | | |
| | | | 131 | 141 | 10 | Lean, Magnetite Chert Iron Fm., medium banded, 10% yellow beds. | | |
| | | | 141 | 150 | 9 | Normal, Magnetite Chert Iron Fm., medium banded, few yellow beds and green silicate beds. 149'-150' ground core. | | |
| | | | 150 | 158 | 8 | Chert Iron Fm., medium banded, grey and dark grey chert, slightly magnetic. 155'-158' with chert with yellow beds. interbedded with grey chert. | | |
| | | | 158 | 180 | 22 | Lean, Magnetite Chert Iron Fm., medium banded, grey chert, few magnetite beds, 10% | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY

STRATHGAMI MINES INCORPORATED



Hole No. A-10

Sheet No. 5

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | pale yellow beds with pyrite and green silicates; yellow beds mobilized and filling fractures in IF. | | |
| | | | | | | 165'-167', 170'-172' ground core. | | |
| | | | | | | 167'-176' several quartz veins parallel to core axis. | | |
| | | | | | | 176'-179' quartz vein with pyrite parallel to core axis, leached and ground. | | |
| | | | 180 | 189 | 9 | Normal, Magnetite-Cherty Iron Fm., medium banded, 180'-183' Lean-Normal, M. C. I. F. | | |
| | | | | | | 20% pale yellow beds. 183'-189' Normal M. C. I. F., 10% pale yellow beds. | | |
| | | | 189 | 192 | 3 | Chert Iron Fm., medium banded, 20% pale yellow beds, 10% green beds -- andesite?. Some pyrite in chert. 100' 1" band of pyrite-pyrrhotite. | | |
| | | | 192 | 232 | 40 | Dike, hard, massive, pale grey rock. Phylite - composition? | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|---|
| | | | From | To | Feet | | | |
| | | | | | | 192-211 blocky ground, 71 of core recovered. 211-232 appears to be coarser grained on core surface, same as before on fresh surface. | |  |
| | | | | | | 231 alignment of particles at 35°. | | |
| | | | 232 | 244 | 12 | Normal-Rich, Magnetite Chert Iron Formation medium banded, 5% pale yellow beds. | |  |
| | | | | | | 242'-244' Lean, M. C. I. F., M.B. 20% pale yellow beds. | | |
| | | | 244 | 253 | 9 | Dike, Massive, green rock, (green and white minerals) 251'-253' ground core. | | |
| | | | 253 | 256 | 3 | Normal, Magnetite Chert Iron Fm., medium banded 20% pale yellow beds. | | |
| | | | 256 | 272 | 16 | Chert Iron Fm., medium banded, 40% pale yellow beds, some have green silicates, others disseminated magnetite. Few magnetite beds, yellow mineral fills cracks in broken beds. | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 260'-261' tongues of a green dike in the chert. 271' several fractures at 60°, normal to beds, green silicates in rock. | | |
| | | | 272 | 300 | 36 | Chert Iron Fm., medium banded, white chert. 272-279 white chert with beds of graphite and pyrrhotite. | | |
| | | | | | | 276'-277' hard yellow beds in chert. | | |
| | | | | | | 279'-281', 283'-286' massive pyrite. | | |
| | | | | | | 279'-308', 20% black graphite beds, pyrrhotite in graphite, pyrite in beds and filling fractures. | | |
| | | | | | | 288'-289', 289'-292' ground core, graphite? 305'-307' ground core, chert? | | |
| | | | | | | 293', 295' 6" zones of pyrite. | | |
| | | | 308 | 320 | 12 | Dike, dark green, fine grained diabasic texture. | | |
| | | | | | | 315-317 coarse grained, 1/2x2mm. laths of dark green amphibole in a green matrix. | | |

320 END OF HOLE—

320
DIP TEST 300' measured, 42 1/2°, corrected 39°.

Gerald Barker, P. Eng.
Engineer in Charge

DIAMOND DRILL RECORD



PROPERTY STRATFAGAMI MINES INCORPORATED

Location: Claim No. T 42058, T 42059
 Lat. 989' N, 13' E, 993'
 Dep. line 00, baseline A
 Elevation of Collar _____
 Datum _____

TEMCO O.E. 1440-C

Started June 5, 1961
 Completed June 8, 1961
 Ultimate Depth 428'
 Proposed Depth _____

Direction at Start: Bearing _____
 Dip N 13° 48' W
-50°

Casing Pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|------|------|---|---------------|--|
| | | | From | To | Feet | | | |
| June 5 | 29 | 29 | 0 | 16 | 16 | Casing | | 20°-35° |
| 6 | 190 | 219 | 16 | 40 | 24 | Normal-Rich, Magnetite Chert Iron Fm., medium banded, 16-17 deeply weathered, | | 30°-45° 41°-45° 50°-40° |
| 7 | 143 | 362 | 40 | 77 | 37 | Normal, Magnetite Chert Iron Fm., medium banded, 20% pale green bed--mixed fine grained chert and silicates 61-67, Lean M. C. I. F. | | 60°-40° 70°-35° 80°-40° 90°-40° |
| | | | 77 | 91.5 | 14.5 | Normal-Rich, Magnetite Chert Iron Fm., medium banded, locally jasper. | | 100°-40° 110°-40° 120°-40° 130°-45° |
| | | | 91.5 | 105 | 13.5 | Chert Iron Fm. medium banded, 91.5-96.5 white chert, beds of green silicates, and pyrite. | | 140°-45° 150°-35° 160°-30° 170°-40° |
| | | | | | | 96.5-105 grey chert, 20% pale yellow beds. 101-103- | | 177°-35° |

Drilled by Beyles Bros. (Quebec) Limited.

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | Normal, Magnetite Chert IF. | | 181'-35° |
| | | | 105 | 118 | 13 | Normal-Rich, Magnetite Chert & Magnetite Jasper | | 193'-35° |
| | | | | | | Iron Fm., medium banded, 108'-113' | | 203'-35 |
| | | | | | | Jasper. | | 213'-35° |
| | | | 118 | 124 | 6 | Lean, Magnetite Chert Iron Fm., medium banded, | | 223'-35° |
| | | | | | | 20% pale yellow beds, 20% pale greenish | | 234'-35° |
| | | | | | | beds, (Chert-Silicate) | | 244'-45° |
| | | | 124 | 159 | 35 | Normal-Rich, Magnetite Chert Iron Fm., medium | | 254'-30° |
| | | | | | | banded, few jasper beds, 20% pale | | 262'-40° |
| | | | | | | greenish beds. 145'-146' Dike, | | 270'-40° |
| | | | | | | sphanitic, green | | 281'-45° |
| | | | | | | 130'-131', 157'-158.5', 165'-166 | | 289'-45° |
| | | | | | | ground core. | | 299'-30° |
| | | | 159 | 177 | 18 | Normal, Magnetite Chert Iron Fm., medium banded, | | 309'-35° |
| | | | | | | 20% pale greenish beds. 172' @ 177' | | 316'-35° |
| | | | | | | Lean-Normal, M. C. I. F. | | 326'-30° |
| | | | 177 | 192 | 15 | Dike, pale green-grey, sphanitic, massive rock. | | 337'-30° |
| | | | | | | | | 348'-45° |
| | | | | | | | | 358'-45° |
| | | | | | | | | 367'-35° |
| | | | | | | | | 377'-35° |
| | | | | | | | | 387'-35° |
| | | | | | | | | 394'-40° |
| | | | | | | | | 411'-35° |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY Strathgami Mines Incorporated

Hole No. A-21

Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 181'-181.4, 187'-189' green band, | | 417'-30° |
| | | | | | | 190'-192' ground core. | | 422'-50 |
| | | | 192 | 223 | 31 | Normal, Magnetite Chert Iron Fm., medium banded, | | 424'-45° |
| | | | | | | 20% pale greenish beds. | | 428'-30° |
| | | | | | | 204'-209', 209'-212 ground core. | | |
| | | | | | | 209'-212' 6" of soft green dike rock. | | |
| | | | | | | 215'-219' 1/2 jasper. | | |
| | | | 223 | 237 | 14 | Lean-Normal, Magnetite Chert Iron Fm., medium | | |
| | | | | | | banded, 20% yellow beds. | | |
| | | | 237 | 246 | 9 | Lean, Magnetite Chert Iron Fm., medium banded, | | |
| | | | | | | 30% yellow beds, 20% pale greenish beds. | | |
| | | | 246 | 292 | 46 | Chert Iron Fm., medium banded, white chert and pale | | |
| | | | | | | yellow-green beds (Chert-silicate). | | |
| | | | | | | 246-251 white chert with pyrite zones | | |
| | | | | | | 247 siderite beds. | | |
| | | | | | | 251-269 interbedded white chert and pale greenish | | |
| | | | | | | chert-silicates with green silicate beds. | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | Few magnetite beds. | | |
| | | | | | | 268'-274' white chert and chert-silicated. | | |
| | | | | | | 274'-292' chert and greenish chert-silicate with disseminated pyrrhotite. | | |
| | | | | | | 275' 4" green rock with 10% pyrrhotite, magnetic. | | |
| | | | | | | 282' 2" green rock with 10% pyrrhotite, magnetic. | | |
| | | | | | | 284'-292' several magnetite beds. | | |
| | | | | | | 289' 6" graphitic rock with pyrrhotite. | | |
| | | | 292 | 311 | 19 | Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow-green beds. | | |
| | | | | | | 303'-307' beds contorted. | | |
| | | | | | | 303' fractures at 70° normal to beds. | | |
| | | | | | | 318' quartz filled fracture at 70° normal to beds. | | |

Gerald Barker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 311 | 320 | 9 | Lean Magnetite Chert Iron Fm., 311'-315', 317'-320' slump breccia. 315'-316' crushed core. | | |
| | | | 320 | 334 | 14 | Normal, Magnetite Chert Iron Fm., medium banded, 20% greenish, chert-silicated beds. 322-324.5, 328-329 Magnetite Jasper Iron Formation. | | |
| | | | 334 | 378 | 44 | Normal Rich, Magnetite Chert Iron Fm., and Magnetite Jasper Iron Fm., medium banded, (50-50). Some sections are Normal Mag. Ch. IF. 10% yellow-greenish beds of chert-silicate 340'-347' 2' ground core. | | |
| | | | 378 | 404 | 26 | Lean-Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow beds. Some sections are Normal, M. C. IF. 3% green bed with pyrrhotite. | | |

Gerald Barker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 380'-383' Chert, 40% yellow beds, 5% magnetite beds. | | |
| | | | | | | 382'-383', 391'-393', 397'-403' ground core. | | |
| | | | | | | 394'-405' slump breccia. | | |
| | | | 404 | 416 | 12 | Chert Iron Fm., 40% yellow and pale greenish rock. few beds, slump breccia predominates. | | |
| | | | | | | 404'-406' few magnetite beds these are broken. 413'-416' bedded. | | |
| | | | 416 | 428 | 12 | Chert Iron Fm., banded, graphite and pyrrhotite beds, some green beds -- andesite or silicates? | | |
| | | | | | | 421'-422, 426'-428' ground core. 421'-426' pyrite in beds. | | |
| | | | | 428 | | END OF HOLE | | |
| | | | | | | 'dip test' | | |
| | | | | | | 200' measured 45°, corrected 41 1/2° | | |
| | | | | | | 400' " 40 1/2° " 37° | | |

Gerald Barker, P. Eng.
 Engineer in Charge

DIAMOND DRILL RECORD

Hole No. A-23

PROPERTY STRATHGAMI MINES INCORPORATED

Sheet No. 1

TEMCO O.E. 1440-C

Location: Claim No. T 42058
 Lat. 743' N
 Dep. line 300 E, baseline A

Elevation of Collar _____

Datum _____

Bearing N 13° E 8"

Direction at Start:

Dip -55°

Started June 9, 1961.

Completed June 13, 1961.

Ultimate Depth 1416'

Proposed Depth _____

Casing Pulled

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|---------|--------------|-------------|---------|-----|------|---|---------------|--|
| | | | From | To | Feet | | | |
| June 9 | 81 | 81 | 0 | 16 | 16 | Casing | | 20' -45° |
| June 10 | 188 | 187 | 16 | 65 | 49 | Andesite Agglomerate dark green fragments in soft, carbonate rich matrix. | | 35' -55° 42' -55° 52' -55° |
| June 11 | 287 | 99 | | | | 26 6" quartz calcite vein. | | 60' -50° 70' -45° |
| June 12 | 377 | 90 | | | | | | 76' -55° |
| June 13 | 446 | 69 | 65 | 81 | 16 | 37-41, 47-50, 56'-58', 61'-65 ground core. | | 86' -55° 96' -55° 106' -55° 116' -55° |
| | | | | | | Normal, Magnetite Chert Iron Em., medium banded. | | DIKE 168' -40° |
| | | | | | | Several quartz veins, normal to beds. | | 178' -50° |
| | | | | | | 65-71 20% yellow beds. | | 188' -45° 198' -45° |
| | | | | | | 70-76 chert beds with 20% Normal, M. C. I. F. | | 208' -45° 218' -50° |
| | | | | | | 79 4" quartz vein. | | 237' -50° 247' -50° |
| | | | 81 | 110 | 38 | Interbedded Lean, Magnetite Chert-Chert-Silicate | | 247' -50° 252' -45° |

Drilled by Royles Pros. Limited (Quebec)

Gerald Barker, S. Eng.
 Engineer in Charge

PROPERTY

STRATHLAGAMI MINES INCORPORATED

Hole No. A-23

Sheet No. 2

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | and Normal, Magnetite Chert (10') Iron Fm., | 257'-45 | |
| | | | | | | medium banded, 111-113 fractures | 267'-50 | |
| | | | | | | parallel to core axis, some parts with | 272'-55 | |
| | | | | | | quartz veins, others parts are open. | 279'-50 | |
| | | | | | | | 294'-50 | |
| | | | | | | | 304'-50 | |
| | | | 119 | 165 | 46 | Dike, aphanitic, green, abundant calcite veinlets, | 314'-55 | |
| | | | | | | 119-122.5 blocky ground. | 324'-45 | |
| | | | | | | 128-132, 141-145 coarse grained sections- | 334'-50 | |
| | | | | | | dark green amphiboles in green matrix. | 344'-40 | |
| | | | | | | | 350'-45 | |
| | | | | | | | DIKE | |
| | | | | | | | 372'-45 | |
| | | | | | | | 382'-45 | |
| | | | 165 | 182 | 17 | Chert Chert-Silicate Iron Fm., medium banded, | 392'-45 | |
| | | | | | | white chert, pale greenish chert- | 402'-45 | |
| | | | | | | silicate, few magnetite beds. | 407'-50 | |
| | | | | | | | 418'-40 | |
| | | | | | | | 428'-45 | |
| | | | | | | 170'-174' Normal, Magnetite Chert IF. | 438'-45 | |
| | | | | | | MB- | END | |
| | | | | | | 172'-173' 1" quartz vein with pyrite | | |
| | | | | | | at 85°, normal to beds. | | |
| | | | 182 | 202 | 20 | Normal, Magnetite Chert Iron Fm., medium banded, | | |
| | | | | | | 5% pale yellow beds, Quartz filling small | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY STRATHGAMI MINES INCORPORATED

Hole No. A-23

Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|-------------------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | fractures: few quartz veins with pyrite. | | |
| | | | | | | 182'-188' 20% greenish beds. | | |
| | | | | | | 200, 211 pyrite in chert beds. | | |
| | | | 202 | 225 | 23 | Normal-Rich, Magnetite Chert Iron Fm., medium banded, some Normal, M. C. I. F. with 20% greenish beds. 218'-221' jasper beds. | | |
| | | | 225 | 232 | 7 | Lean, Magnetite Chert Iron Fm., slump breccia of chert pebbles in chert and magnetite. | | |
| | | | 232 78 | 260 | 28 | Normal, Magnetite Chert Iron Fm., medium banded, 232-247, 20% pale greenish beds. 242 Toos North in core, eroded beds. 247', 248' quartz veinlets with pyrite. 257' few greenish beds. | | |
| | | | 260 | 268 | 8 | Normal Rich, Magnetite Chert Jasper Iron Fm., medium banded, pink jasper. 261 pyrite and calcite and open spaces fractures at 45 ^o , normal to beds. | | |

Gerald Barker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 268 | 285 | 17 | Normal, Magnetite Chert Iron Fm., medium banded, 272'-274' dike, soft green, 1' ground. 275'-276' ground core. 276'-277' several 1" green dikes, 2" quartz carbonate vein. 279'-282' 20% greenish beds. 282'-285' Lean, Chert with yellow beds, few magnetite beds. Slump breccia. | | |
| | | | 285 | 292.5 | 7.5 | Dike, aphanitic, green. | | |
| | | | 292.5 | 299 | 6.5 | Lean, Magnetite Chert Iron Fm., Medium banded, 10% yellow beds, 20% greenish beds. | | |
| | | | 299 | 323 | 24 | Normal Rich, Magnetite Chert Iron Fm., medium banded, 30% greenish chert-silicate. | | |
| | | | 323 | 352 | 29 | Normal, Magnetite Chert Iron Fm., medium banded, 329 quartz vein 10° , normal to beds. 320'-341 Lean Normal, M. C. I. F. 341-347 Normal, M. C. I. F., 1/2 Jasper. | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 350'-352' several quartz veins. | | |
| | | | 352 | 370 | 18 | Dike, anhydritic, grey-green, with calcite veinlets. | | |
| | | | 370 | 378 | 8 | Lean-normal, Magnetite Chert Iron Fm., medium banded, 10% greenish beds. | | |
| | | | 378 | 398 | 20 | Normal, Magnetite Chert Iron Fm., medium banded, 388-390 slump breccia 390-391 ground core. | | |
| | | | 398 | 414 | 16 | Chert Iron Fm., white chert with pyrite. 399-401 andesite tuff or green dike. 404'-405' 2" pyrite zones. 405'-411 few magnetite beds. 413.5-414 white chert with abundant pyrite. | | |
| | | | 414 | 416 | 32 | Rhyolite Tuff, soft, bedded, 416-419 abundant pyrite. | | |
| | | | | 41.6 | | end of Hole. | | |
| | | | | | | Hole has crossed a fault zone: iron formation occurs on surface above the rhyolite. Fault must dip steeply to the west. | | |

DIP TESTS

200' measured 52°, corrected 48 1/2°
 400' " 47 1/2° " 44°

Fault zone may be filled with a dike.

Gerald Parker, P. Eng.
 Engineer in Charge

DIAMOND DRILL RECORD

Hole No. A-25

PROPERTY STRATHGAMI MINES INCORPORATED

Sheet No. 1

Location: Claim No. T 42058, 42059
 Lat. 990'N
 Dep. line 300E, baseline A

TEMCO O.E. 1440-C

Elevation of Collar _____
 Datum _____
 Bearing N 13° 48' W

Started June 14, 1961.
 Completed June 16, 1961.
 Ultimate Depth 313'
 Proposed Depth _____

Direction at Start: Dip -50°

Casing pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|---------|--------------|-------------|---------|----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| June 14 | 85 | 85 | 0 | 9 | 9 | Casing | | 14'-45° |
| June 15 | 168 | 253 | 9 | 78 | 69 | Normal, Magnetite Chert Iron Fm., medium banded, | | 24'-45° |
| | | | | | | 10% pale green and pale yellow beds. | | 38'-40° |
| | | | | | | 15'-16' Chert Iron Formation, MB. | | 44'-45° |
| | | | | | | 19'-27' Chert Iron Formation, MB. | | 54'-45° |
| | | | | | | 20% pale green beds, 5% magnetite beds. | | 59'-35° |
| | | | | | | 29'-30' 10% siderite beds. | | 69'-50° |
| | | | | | | 33-41 Normal Rich M. C. T. F. | | 74'-40° |
| | | | | | | 45-49 Chert IF., mb., white chert, | | DTKE |
| | | | | | | 30% pale yellow beds with disseminated | | 95-55 |
| | | | | | | magnetite, 5% magnetite beds. | | 103'-50° |
| | | | | | | 49'-74' 10% yellow beds and rusty | | 113'-50° |
| | | | | | | | | 123'-40° |
| | | | | | | | | 133'-45° |
| | | | | | | | | 143'-55° |
| | | | | | | | | 151'-50° |
| | | | | | | | | 157'-60° |
| | | | | | | | | 165'-40° |
| | | | | | | | | 174'-40° |
| | | | | | | | | 184'-40° |
| | | | | | | | | 192'-40° |
| | | | | | | | | 202'-40° |

Drilled by Boyles Bros. (Quebec) Limited

Gerald Barker, P. eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | (siderite)beds. 74'-78' Lean-Normal | | 212'-40 |
| | | | | | | M. C. I. F. Local brecciation of beds. | | 221'-40 |
| | | | 78 | 94 | 16 | Dike, aphanitic, grey, massive- 79'-80' | | 258'-35 |
| | | | 94 | 139 | 45 | Normal, Magnetite Chert Iron Fm., medium banded, | | 272'-35 |
| | | | | | | 20% pale greenish beds. | | 282'-40 |
| | | | | | | 134'-130' decrease in magnetite to | | 292'-45 |
| | | | | | | Lean, M. C. I. F. | | 312'-30 |
| | | | 139 | 152 | 13 | Very Lean, Chert Iron Formation, medium banded, | | end. |
| | | | | | | white chert, 40% grey chert, slightly | | |
| | | | | | | magnetic, 30% yellow beds, few | | |
| | | | | | | magnetite beds, 130'-140' slump | | |
| | | | | | | breccia. | | |
| | | | 152 | 203 | 51 | Chert Iron Fm., thick beds or bands of white chert. | | |
| | | | | | | pale yellow rock, | | |
| | | | | | | 152'-153' pyrite beds in chert. | | |
| | | | | | | 153'-155', 159'-160' Dike, aphanitic, green, | | |
| | | | | | | massive. 155'-157' disseminated pyrite and- | | |

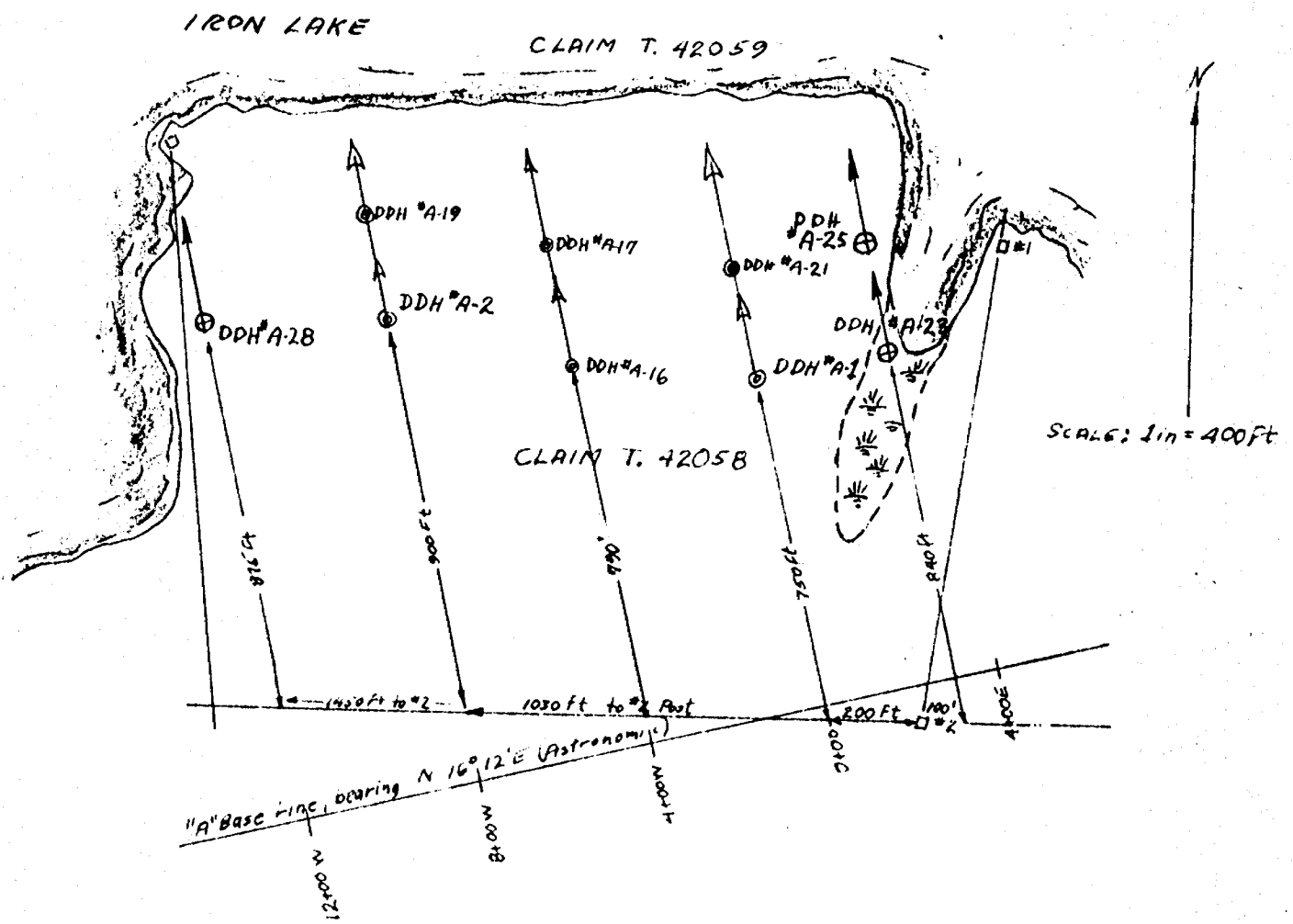
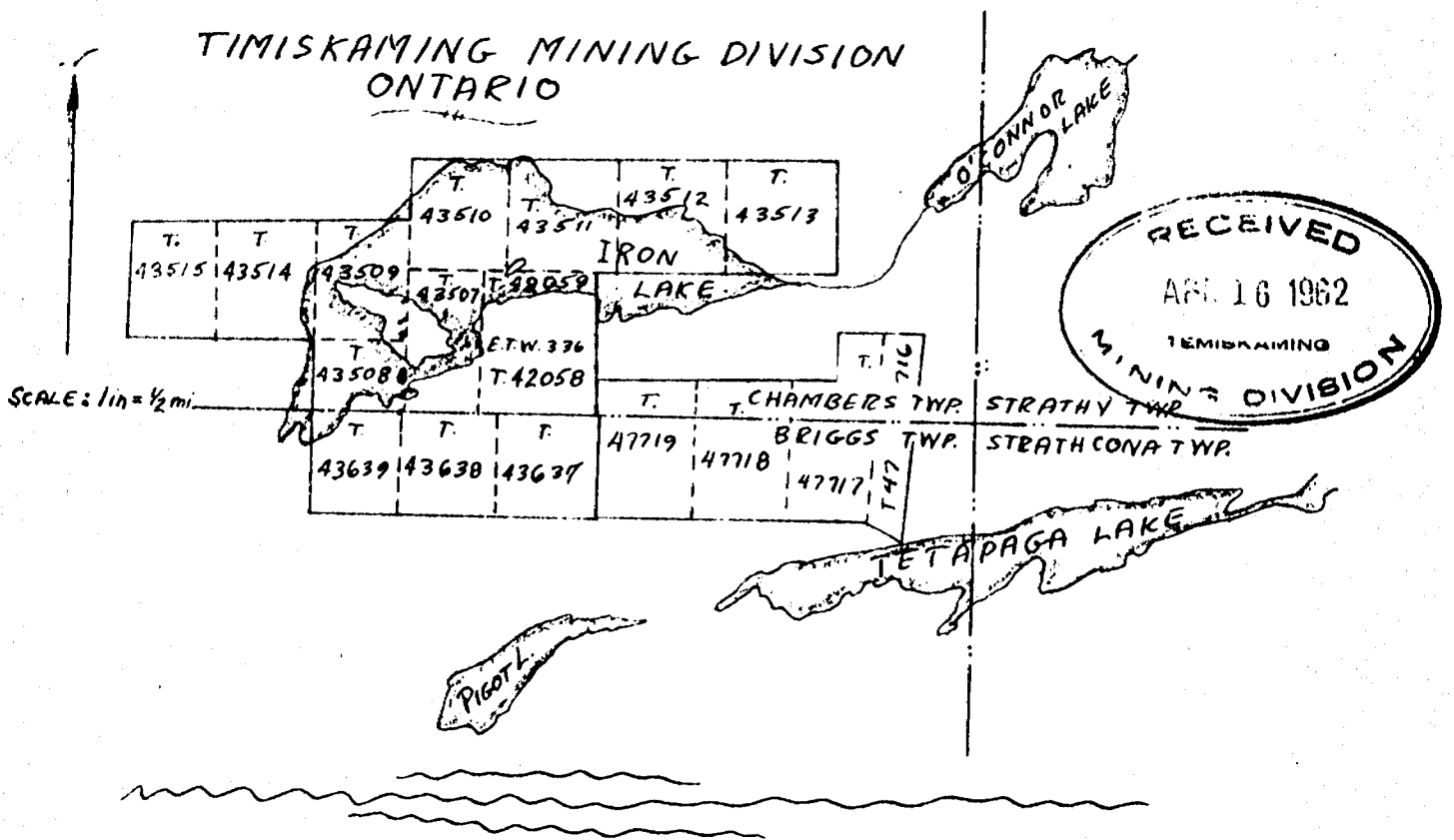
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | from 45° to nearly parallel | | |
| | | | | | | (276-277) to axis. | | |
| | | | 243 | 273 | 30 | Lean Magnetite Chert Iron Em., medium banded, 243-247 20% yellow beds. 247'-255 very lean, M. C. I. F. slump breccia, 20% yellow beds. 255'-262' Lean Normal M. C. I. F. 10% yellow beds. 262'-269' slump breccia. 269'-273' 20% yellow beds. | | |
| | | | 273 | 304 | 31 | Chert Iron Em. Thick Bands-- 4"; white chert, 40% yellow green beds with disseminated magnetite, 278.5-279, 279.5-280 Lean Normal M. C. I. F. 285-.5- 290 ^{298.5-296} Lean. M. C. I. F. 10% magnetite, adjacent to yellow beds. 296-298.5 normal M.C. I. F. 298.5-304 white chert, grey chert, few soft beds. | | |
| | | | 304 | 310 | 6 | Chert Iron Em., massive, white chert 304-305 three 1" green beds. | | |

Gerald Barker, P. Eng.

Engineer in Charge

TIMISKAMING MINING DIVISION
ONTARIO



Cliffs of Canada Ltd.
G.W. Blundell
OE 1440-C

DIAMOND DRILL RECORD

Hole No. A-28

PROPERTY STRATHGAMI MINES INCORPORATED

Sheet No. 1

Location: Claim No. T 42058, T 43 507
 Lat. 1129' N
 Dep. line 1200 W, baseline A

TEMCO O.E. 1440-C

Elevation of Collar _____
 Datum _____

Started June 16, 1961.
 Completed June 20, 1961.
 Ultimate Depth 483'
 Proposed Depth _____

Direction at Start: Bearing N 13° 48' W
 Dip -55°

Casing Pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclinatio |
|---------|--------------|-------------|---------|----|------|---|---------------|---|
| | | | From | To | Feet | | | |
| June 16 | 52 | 52 | 0 | 11 | 11 | Casing | | 15'-50° |
| June 17 | 124 | 176 | 11 | 21 | 10 | Mixed Andesite Tuff and Chert IF, 4' ground core. | | 22'-50° |
| June 18 | 90 | 266 | 21 | 24 | 3 | Normal, Magnetite Chert Iron Fm., medium banded. 1' ground core. | | 33'-55° 43'-45° 52'-50° |
| June 19 | 159 | 425 | | | | | | 62'-45° |
| June 20 | 58 | 483 | 24 | 70 | 46 | Chert Iron Fm., medium banded, dominantly light coloured, white chert, grey chert, pale yellow beds, 27-28, 30-31, ground core. 35-70 20% pale greenish beds of chert- silicate. 46'-47', 51-52 magnetite beds. | | 72'-50° 82'-45° 92'-45° 102'-45° 112'-45° 122'-40° 139'-40° |
| | | | 70 | 83 | 13 | Very Lean, Chert Iron Fm., medium banded, dominantly dark grey chert, slightly magnetic | | 149'-45° 159'-40° 169'-40° 179'-40° 189'-45° |

Drilled by Boyles Bros. (Quebec) Limited

Gerald Baker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 10% pale greenish beds. | | 215'-50 |
| | | | 83 | 124 | 41 | Lean, Magnetite Chert Iron Fm., medium banded, | | 205'-50 |
| | | | | | | grey chert, white chert, few magnetite | | 225'-45° |
| | | | | | | beds. 85'-86' ground core. | | 234'-45 |
| | | | | | | 86'-124' 20% yellow beds. | | 245'-40 |
| | | | | | | 84'-85' Normal, M. C. I. F. pink chert. | | 254'-40 |
| | | | | | | 87'-88', 90'-91' 100.5-101.5, 110-114 | | 264'-35 |
| | | | | | | Lean-Normal, M. C. I. F. 121-123 Normal | | 274'-35 |
| | | | | | | Magnetite Chert Jasper Iron Formation, 119.5- | | 284'-35 |
| | | | | | | 121 Normal, M. C. I. F. | | 294'-35 |
| | | | | | | 123-124 Chert IF. | | 304'-35 |
| | | | | | | 107, 108 fractures at 70°, normal to beds. | | 314'-40 |
| | | | | | | leached, carbonates, and quartz. 112 two | | 324'-40 |
| | | | | | | fractures at 85°, normal to beds, leached. | | 338'-40 |
| | | | 124 | 136 | 12 | Dike, soft, green, altered? | | 346'-40 |
| | | | | | | 124-125, 127-130, 132-136 ground core. | | 363'-40 |
| | | | 136 | 155 | 19 | Lean, Magnetite Chert Iron Fm., medium banded, | | 366'-35 |

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 10% yellow beds. Similar to rock before dike. 138'-141' Lean-Normal M. C. I. F. 141-147 Normal, M. C. I. F. 5% yellow beds, 141'-142' jasper beds. | | |
| | | | 155 | 215 | 60 | Lean-Normal, Magnetite Chert Iron Em., medium banded, 155'-172' some short Normal M. C. I. F. sections 10% yellow beds. 155'-156', 164'-167' Jasper beds. 171.8 1" band of pyrite. 172-178 Lean M. C. I. F. mostly chert. 178'-195' several 1' thick sections of Normal M. C. I. F. with jasper, local slump breccias. 195'-204 Very Lean, M. C. I. F., M. Slump breccias, grey chert. | | |
| | | | | | | 204'-209' Lean, M. C. I. F., 20% yellow beds. | | |
| | | | | | | 209'-215' 10% yellow beds. | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 215 | 232 | 17 | Normal, Magnetite Chert Jasper Iron Em., medium banded, 218' 5"-220' Very Lean, M.C. I.F. | | |
| | | | | | | 216'-218' seven fractures at 25°, normal to beds, calcite and green rock filling. | | |
| | | | | | | 222 fracture at 40° normal to beds. | | |
| | | | | | | 232 fractures at 50°, normal to beds, same filling as above fractures. | | |
| | | | 232 | 245 | 13 | Lean, Magnetite Chert Iron Em., medium banded, 20% yellow or yellow-grey beds, 239'-243' Lean-normal, M. C. I. F. | | |
| | | | | | | 243-245 Normal, M. C. I. F. | | |
| | | | 245 | 261 | 16 | Chert Iron Em., medium banded, 245'-251' grey chert, few magnetite beds, 251'-261' white chert, 30% yellow beds. | | |
| | | | | | | 259'-261' few magnetite beds. | | |
| | | | 263 | 269 | 8 | Normal, Magnetite Chert Iron Em., medium banded, 20% yellow beds. 264-265 Jasper beds. | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY

STRATHGAMI MINES INCORPORATED

Hole No. A-28Sheet No. 4

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 269 | 284 | 15 | Lean Magnetite Chert Iron Formation, medium banded, gray chert, 40% yellow beds, with disseminated magnetite, 271'-274' | | |
| | | | | | | 10% yellow beds. | | |
| | | | | | | 272.3-273, 278.2-279.8 Dikes, grey-green rock. | | |
| | | | 284 | 325 | 41 | Lean-Normal, Magnetite Chert Iron Fm., medium banded, 284-292 grey chert, 20% yellow beds. | | |
| | | | | | | 289-292 Normal, M. C. I. F., some jasper beds. | | |
| | | | | | | 292-325 mixed Normal and Lean M. C. I. F. 20% yellow beds. | | |
| | | | 325 | 356 | 31 | Lean, Magnetite Chert Iron Fm., slump breccia, 333-340 few magnetite beds. | | |
| | | | | | | 345'-347' magnetite beds with yellow minerals. | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY Strathgami Mines Incorporated

Hole No. A-28

Sheet No. 5

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 356 | 365.6 | 9.6 | Lean-Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow beds. | | |
| | | | 365.6 | 400.4 | 34.8 | Rhyolite, grey, massive, lava? 365.6-366.2 green, andesite tuff. 400-400.4 green beds with large chert fragments. | | |
| | | | 400.4 | 404 | 3.6 | Chert Iron Fm., white chert, 40% pale yellow rock 403.2 three green beds with pyrrhotite-pyrite. | | |
| | | | 404 | 416 | 12 | Lean, Magnetite Chert Iron Fm., medium banded, grey chert, 20% yellow beds, yellow minerals in magnetite beds. 411'-416' white and grey chert, 10% yellow beds, adjacent to magnetite, better beds than 404-411. | | |
| | | | 416 | 443 | 27 | Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow beds. 418, 423 fractures. | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY Strathgami Mines Incorporated

Hole No. A-28

Sheet No. 5

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | with quartz crystals, 40°, normal to beds, 441.5 fracture with calcite and pyrite, 40° normal to beds, 444.3 444.7 fractures--quartz-calcite-green mineral, 40°. | | |
| | | | 443 | 459 | 16 | Lean-Normal Magnetite Chert Iron Fm., medium banded, 20% yellow beds. | | |
| | | | 459 | 483 | 24 | Rhyolite Tuff, massive, grey rock 459-465 few quartz eyes, obscure bedding. 462-463 green bed, andesite ? obscure bedding. | | |
| | | | | 483 | | End of Hole | | |
| | | | | | | DIP TESTS | | |
| | | | | | | 200' measured 54° corrected 50° | | |
| | | | | | | 400' " 47° " 43 1/2° | | |

Gerald Barker, P. Eng.

Engineer in Charge

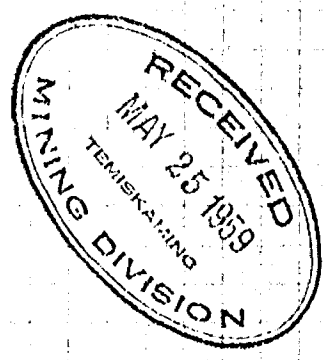
Island

EDH-1-2-3

Iron Lake

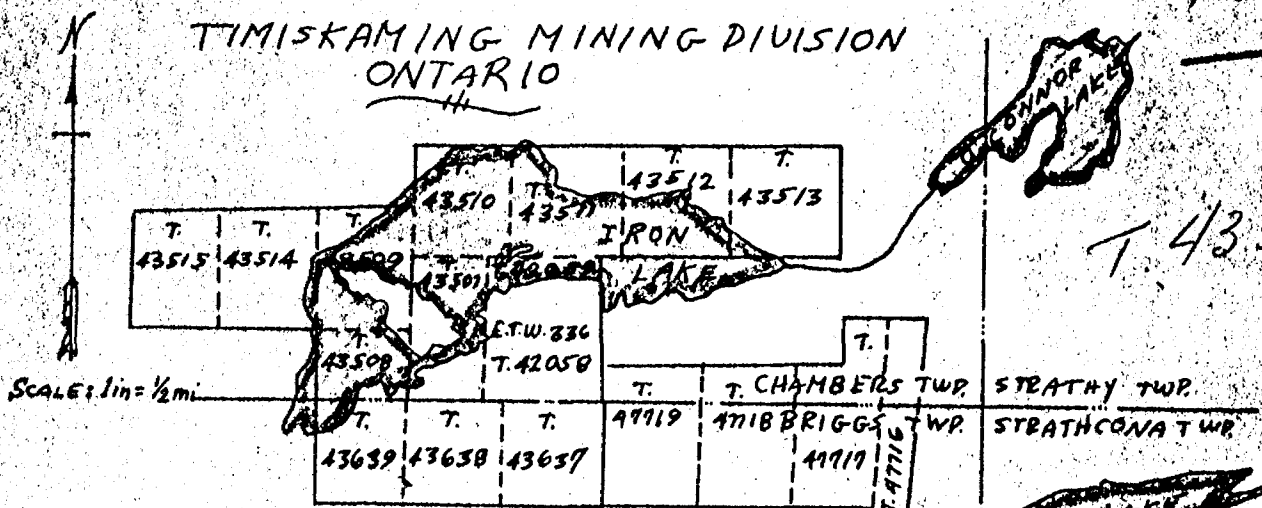
T-12059

T-12058

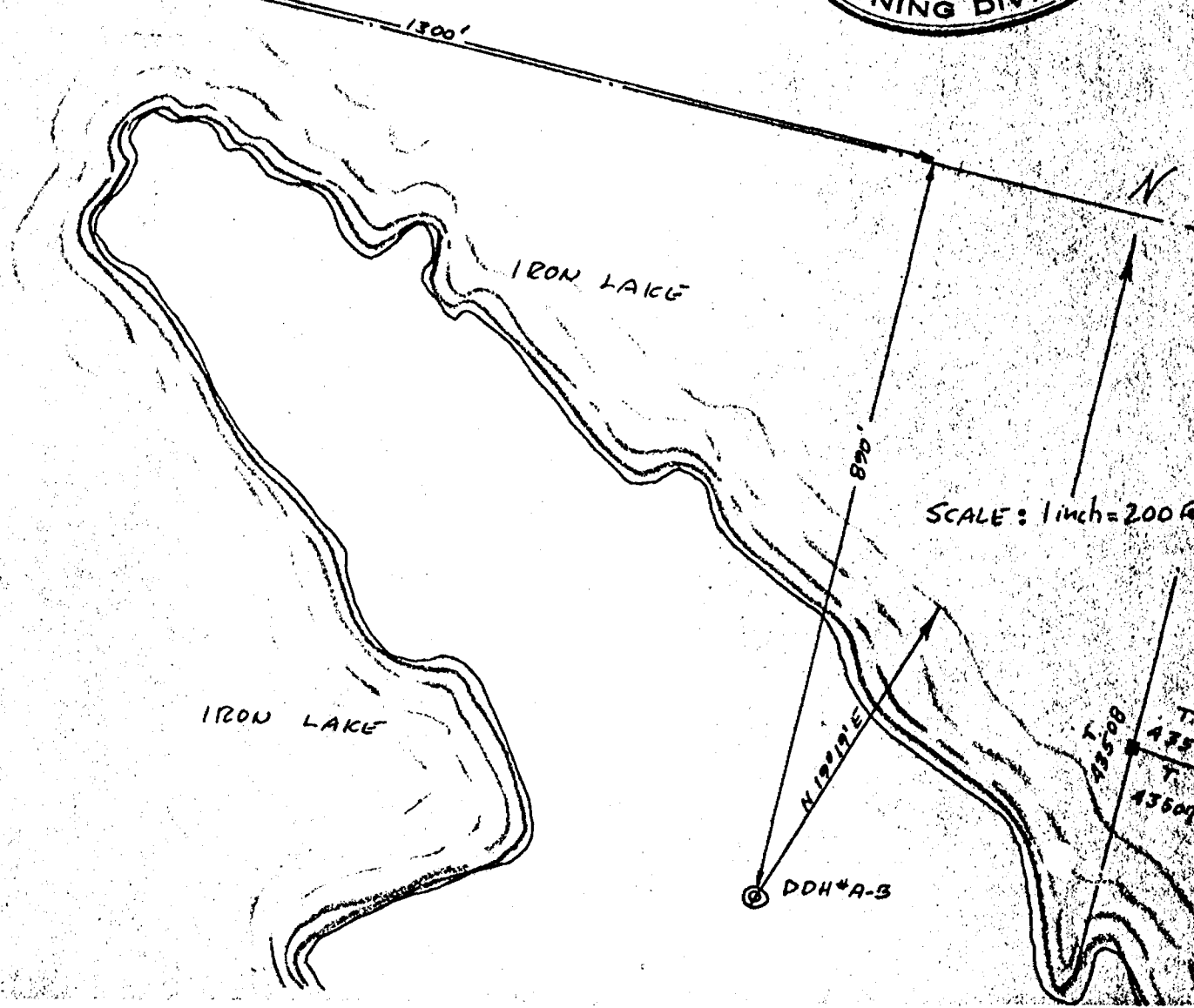


T 42058

TIMISKAMING MINING DIVISION
ONTARIO



T 43509
T 43508



T 43512
T 43509
T 43607

DIAMOND DRILL RECORD

Hole No. 2-3

PROPERTY WHEATON - C. F. 1110-0

Sheet No. 1

Location: Claim No. 7 53-08
 Lat. 15-50 N
 Dep. 21-00 see line "A"

Started August 1, 1960
 Completed August 9, 1960
 Ultimate Depth 362'
 Proposed Depth _____

Elevation of Collar sea level 1018
 Datum 0
 Bearing N 19° 19' W (L to strike)
 Direction at Start: Dip -15°

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Sec. | Elev. |
|-------------|--------------|-------------|---------|-----|------|---|------|----------|
| | | | From | To | Feet | | | |
| August 1/60 | 12 | 12 | 0 | 12 | 12 | Overburden | | |
| August 2/60 | 26 | 28 | 12 | 38 | 27 | Tuff, andesite, chloritic plus quartz & carbonate | | |
| August 3/60 | 31 | 33 | 37 | 62 | 5 | Chert plus magnetite, fracture zone | | |
| August 4/60 | 42 | 92 | 62 | 186 | 124 | Lean-normal magnetic cherty iron formation medium banding. Some fessier zones 1/2-1/3 biotite rich rock | | 631-70° |
| August 6/60 | 92 | 184 | 186 | 268 | 82 | Normal magnetic cherty iron formation medium banding | | 601-72° |
| August 7/60 | 80 | 273 | | | | Some fessier zones and carbonate stringers | | 2581-70° |
| August 8/60 | 89 | 362 | 268 | 302 | 34 | Very lean magnetic cherty iron formation, medium banding. Abundant carbonate and wide bands of chert | | |
| | | | 302 | 367 | 65 | Normal magnetic cherty fessier iron formation, medium banding plus carbonate stringers at 315. 6' carbonate plus quartz | | 3001-80° |

Drill by Wheaton & Woodward

R. C. Hartviksen
 Engineer in Charge

OLD OF 17-3-40 (1961)

43508

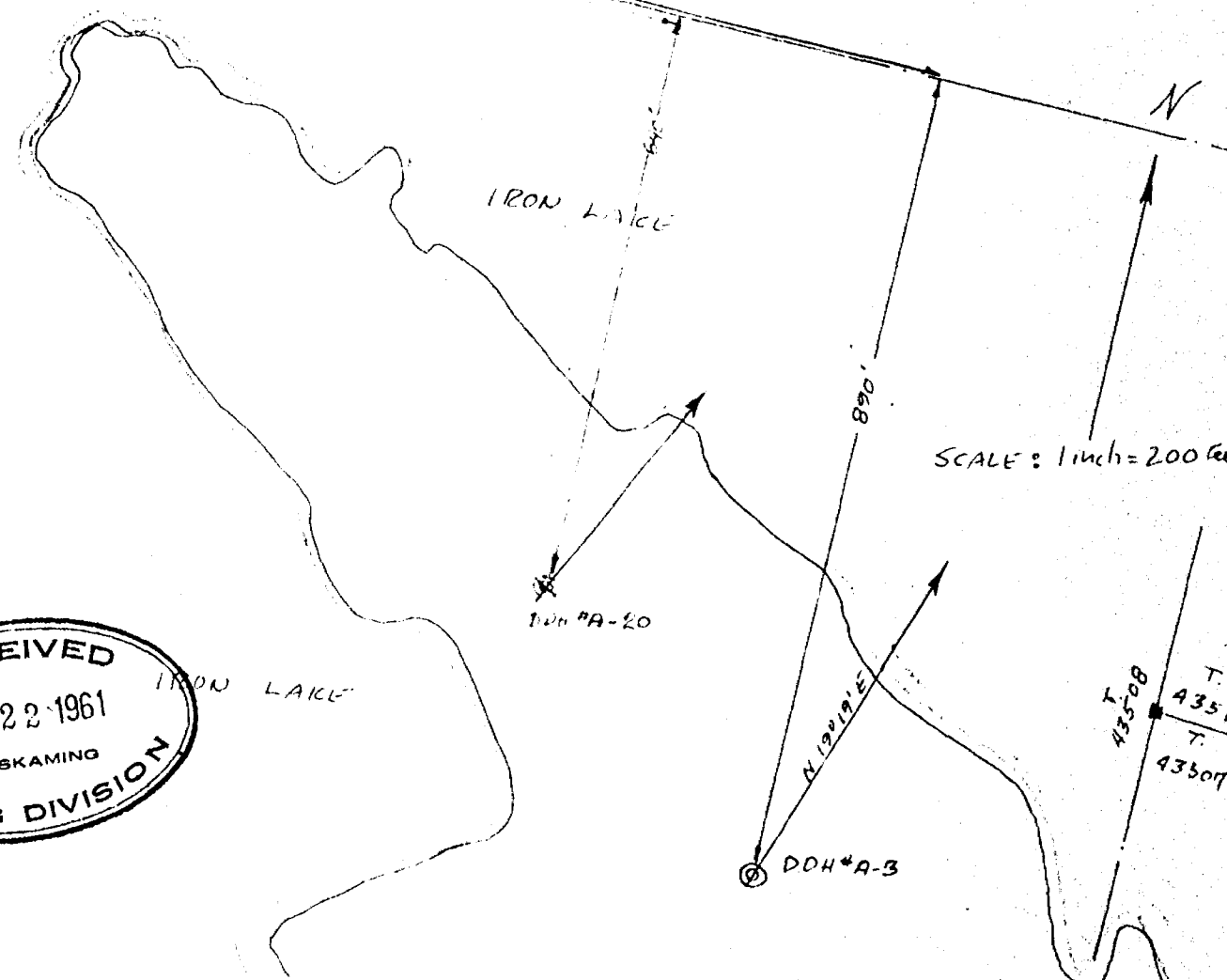
TIMISKAMING MINING DIVISION
ONTARIO



SCALE: 1 in = 1/2 mi

306' 1/2 mi

T. 43509
R. 43508
T. 43608



SCALE: 1 inch = 200 feet

RECEIVED
JUN 22 1961
TEMISKAMING
MINING DIVISION

DIAMOND DRILL RECORD

Bore No. A-20

PROPERTY STRAITHEAMI MINES INCORPORATED

Sheet No. 1

Location: Claim No. T 41508
 Lat. 55° S
 Dep. Line 400 W, baseline - A-Island

TRICO O.E. 2660-C

Started June 1, 1961
 Completed June 4, 1961
 Ultimate Depth 451
 Proposed Depth _____

Location of Collar _____
 Azimuth _____
 Bearing N 19° 19' E
 Section at Start: Dip 55°

Casing Pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|---|---------------|---|
| | | | From | To | Feet | | | |
| June 1 | 72 | 72 | 0 | 11 | 11 | Casing | | 18'-45° |
| June 2 | 186 | 257 | 11 | 38 | 27 | Andesite Agglomerate; 40% 1/8" dark green fragments in soft matrix which is dominantly carbonatic, 33'-38' green silicate beds. | | 27'-60° 31'-45° 36'-40° 43'-45° |
| June 3 | 160 | 417 | 38 | 47 | 9 | Lean Magnetite Cherty Iron Formation, medium banded; dark grey chert; 20% pale yellow beds (granite and chert - R. W. R.) | | 68'-40° 75'-30° 81'-40° 85'-35° |
| June 4 | 34 | 451 | 47 | 58 | 11 | Chert Iron Formation depositional breccia or slugs breccia; fragments of dark grey chert, black chert, and slightly magnetic chert in a hard yellow-grey matrix (similar to beds in 38'-47'). | | 98'-45° 104'-40° 114'-35° 124'-40° 133'-35° 143'-35° 153'-45° |

Drilled by Boyles Bros. (Quebec) Limited

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|--|
| | | | From | To | Feet | | | |
| | | | 58 | 78 | 20 | Very Lean Cherty Iron Formation medium banded, slightly magnetic dark grey chert, 30% pale yellow grey beds. Microcryst. along fractures. | | 153'-45° 162'-40° 172'-40° 180'-40° 190'-45° DMS |
| | | | 78 | 103 | 25 | Lean-Normal, Magnetite Chert Iron Formation, medium banded, 20% pale yellow beds, adjacent to magnetite, softer than yellow beds in 58'-78', grey-pale-grey chert. | | 260'-40° 270'-35° 278'-30° 280'-30° 290'-35° 300'-30° 318'-30° 320'-35° 338'-30° 348'-35° |
| | | | 103 | 151 | 51 | Normal Magnetite Chert Iron Formation, medium banded, 20% pale yellow beds, 109'-112' Dike, soft green, 1 x 3 mm. amphibole crystals. | | 358'-30° 368'-30° 378'-30° 388'-30° 398'-35° 408'-30° 418'-35° |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY

STRATHGAMMI MINES INC.

Hole No. 1-20

Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 113'-114' ground core. | | 1771-20° |
| | | | | | | 147'-153' broken beds, migration of yellow mineral. | | 237'-350 |
| | | | 152 | 173 | 19 | Lean Magnetite Cherty Iron Formation, medium banded, grey chert, white chert. | | |
| | | | | | | 60% pale yellow beds, 150'-160' andesite tuff, green, poor beds. | | |
| | | | 173 | 188 | 15 | Lean Normal, Magnetite Cherty Iron Formation, medium banded, white-grey chert, 30% pale yellow beds. | | |
| | | | | | | 181'-187' Lean M.C. I/E. | | |
| | | | | | | 187'-188' Andesite Tuff with chert. | | |
| | | | 188 | 260 | 72 | Dike. Massive, pale grey dike; rhyolite composition ? no definite banding, but an alignment of white and dark green particles. | | |
| | | | | | | 196'-197' 206', 211', 216', 251' quartz veins. | | |

Gerald Parker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 202'-205' coarse grained crystallization of white feldspar and green mineral. | | End. |
| | | | | | | 243-244' tan quartz veins with pyrite and pyrrhotite. | | |
| | | | | | | 260' particles aligned parallel to chert bed (1/4"). | | |
| | | | | | | Floated on contact. | | |
| | | | 260 | 272 | 12 | Lean Normal Magnetite Chert Iron Formation, medium banded, grey chert, 20% yellow beds, migrates along fractures in I.P. adjacent to magnetite. | | |
| | | | | | | 260'-265' depositional breccia -- chert beds broken. 268' quartz vein with pyrite. 35° normal to beds. | | |
| | | | 272 | 280 | 8 | Normal Magnetite Chert Iron Formation, medium banded, grey chert, 20% yellow beds, migrates into fractures. | | |

—Gerald Parker, P. Eng.,
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 280 | 291 | 11 | Normal Rich Magnetite Chert Iron Formation, medium banded 5% yellow beds. | | |
| | | | | | | 285'-286', 288'-290' Magnetite Jasper Iron Formation, M.R. | | |
| | | | 291 | 297 | 6 | Chert Iron Formation, medium banded, white and grey chert, 10% yellow beds, few magnetite beds. | | |
| | | | 297 | 336 | 39 | Normal Magnetite Chert Iron Formation, medium banded, 10% yellow beds, adjacent to magnetite. | | |
| | | | | | | 300'-301', Jasper beds, 305'-307' white chert, 10% yellow beds, no magnetite. | | |
| | | | | | | 305'-306' abundant parallel fractures at 20-30°, normal to beds; one with asbestos and quartz, 318'-323' depositional breccia; magnetite filling around chert fragments. | | |

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | 336 | 353 | 17 | Normal Rich Magnetite Chert, and Magnetite Jasper Iron Formation, medium banded, inter- bedded. | | |
| | | | 353 | 367 | 14 | Normal Magnetite Chert Iron Formation, medium banded, few jasper beds. | | |
| | | | 367 | 374 | 7 | Lean Normal Magnetite Chert Iron Formation, medium banded, 20% yellow beds. | | |
| | | | 374 | 386 | 12 | Very lean, Chert Iron Formation, thicker beds of banded, 10% yellow beds. 378'-380' andesite tuff beds, with pyrrhotite in chert beds. 385'-386' several fractures, 35° normal to beds. Some with quartz and open spaces, one with small quartz crystals. | | |
| | | | 386 | 396 | 10 | Normal Magnetite Chert Iron Formation, medium banded, 10% yellow beds. | | |
| | | | 396 | 413 | 17 | Normal Rich Magnetite Chert Iron Formation. | | |

Gerald Parker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | medium banded, 5% yellow beds, h03', quartz vein at 40°, normal to beds. h04'-h05' h06'-h07' Jasper beds. | | |
| | | | h12 | h25 | 12 | Normal Magnetite Chert Iron Formation, medium banded, 30% yellow beds, locally 1/8 to 1/4" beds of fibrous, spher amphiboles (2) (granite?) few green silicates in some beds. h17' fracture with calcite at 45° normal to beds. Top moves upward. h21' 4" like of soft green rock. h23-h24, 5 blocky core. | | |
| | | | h25 | h31 | 6 | Lean Normal Magnetite Chert Iron Formation, medium banded, 20% yellow beds. | | |
| | | | h31 | h32.5 | 1.5 | Chert Iron Formation, white chert with pyrite along beds, 1" beds of andesite tuff. | | |
| | | | h32.5 | h37 | 4.5 | Normal Magnetite Chert Iron Formation - | | |

Gerald Parker, P. Eng.

Engineer in Charge

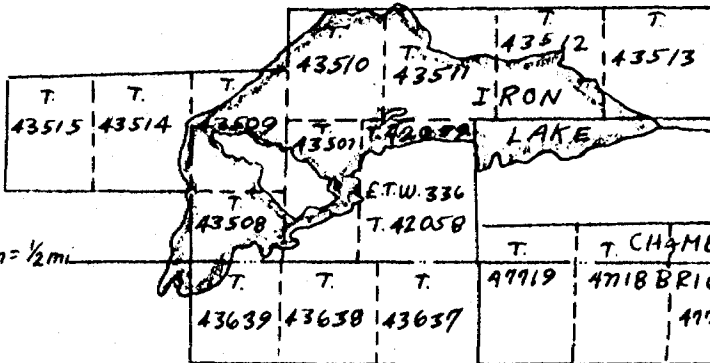
| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | medium banded; 432, 434' green silicate beds. | | |
| | | | | | | 434' to 437' calcite veinlets at 45°, normal to beds. | | |
| | | | 437 | 451 | 14 | Dike, massive pale green to green; andesite composition?, green and white minerals on core surface. | | |
| | | | | | | 440' - 451' three fractures at 50°, one with pyrite and quartz; two with brown mineral, (harder than calcite). | | |
| | | | | 451 | | End of Hole. | | |
| | | | | | | DIP TESTS | | |
| | | | | | | 200' measured 52°, corrected 48° | | |
| | | | | | | 400' measured 47°, corrected 42° | | |

Cerald Parker, P. Eng.
 Engineer in Charge

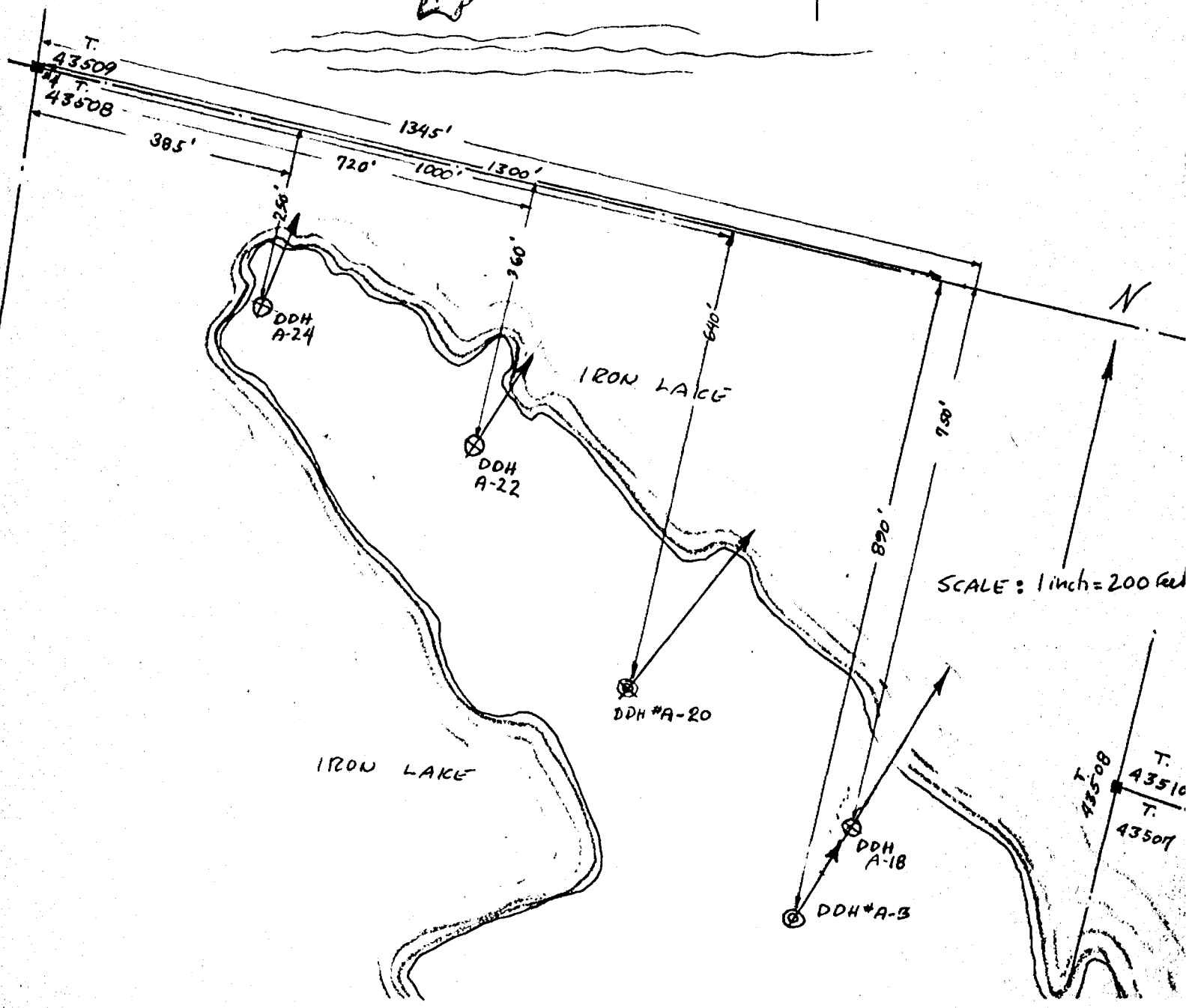
611 22 12-3-62

NEW 11-

TIMISKAMING MINING DIVISION ONTARIO



SCALE: 1 in = 1/2 mi



DIAMOND DRILL RECORD

Hole No. A-22

PROPERTY STRATHGAMI MINES INC.

Sheet No. 1

Location: Claim No. T 43508

TEMCO O.E. 1110-C

Lat. _____

Dep. 250 S

Elevation of Collar line 800 W, baseline A-Island

atum _____

Bearing N 19° 19' E

Direction at Start:

-50°

Dip _____

Started June 5, 1961

Completed June 7, 1961

Ultimate Depth 229

Proposed Depth _____

Casing Pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| June 5 | 60 | 60 | 0 | 11 | 11 | Casing | | 12' - 40° |
| June 6 | 138 | 198 | 9 | 11 | 2 | Lean Normal Magnetite Chert Iron Formation, medium banded. | | 22' - 35° |
| June 7 | 31 | 229 | 11 | 37 | 26 | Chert Iron Formation, Medium banded, white chert, grey chert; 30% beds of yellow amphibole (?) with some green silicates: some pyrrhotite in these beds; 11-13, 15-17, thin beds of magnetite. | | 42' - 35° |
| | | | | | | 35-36 several white pyrrhotite zones. | | 52' - 35° |
| | | | | | | | | 62' - 35° |
| | | | | | | | | 73' - 35° |
| | | | | | | | | 84' - 35° |
| | | | | | | | | 94' - 35° |
| | | | 37 | 45 | 8 | Lean Magnetite Chert Iron Formation, medium banded, 20% yellow beds, 10% magnetite beds. | | 105' - 35° |
| | | | | | | | | 109' - 30° |
| | | | | | | | | 116' - 30° |
| | | | | | | | | 125' - 30° |
| | | | 45 | 56 | 11 | Lean Normal, Magnetite Chert Iron Formation, | | 135' - 35° |
| | | | | | | | | 145' - 35° |

Drilled by Boyles Bros. (Quebec) Limited.

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY STRATHGAMI MINES INC.

Hole No. A-22

2

Sheet No.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|----------------------------------|
| | | | From | To | Feet | | | |
| | | | | | | Medium banded, 20% yellow beds in Lean sections. Mixed Lean and Normal sections. | | 155'-35° 165'-30° 173'-40° |
| | | | 56 | 87 | 31 | Normal Magnetite Chert Iron Formation, medium banded, 10% yellow beds. | | end. |
| | | | | | | 56'-58' pink jasper | | |
| | | | | | | 60'-61', 72'-73', 77'-78' ground core. | | |
| | | | | | | 73'-74' several quartz-carbonate veins with pyrite., 60° normal to beds, carbonate leached out. | | |
| | | | | | | 85' quartz vein 45° normal to beds. | | |
| | | | | | | 61'-71' 85'-87' many rusty beds, siderite? | | |
| | | | 87 | 107 | 20 | Lean Magnetite Chert Iron Formation, medium banded, 20% rusty beds, siderite?, 10% magnetite beds, few green silicate beds. | | |
| | | | | | | 91'-92' green dike | | |
| | | | | | | 97'-98' pyrite and thin green dikes in chert. | | |

Gerald Barker, P. Eng.
Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 98'-99' ground core. | | |
| | | | | | | 104' 1" pyrite vein. | | |
| | | | 107 | 109 | 2 | Normal, Magnetite Chert Iron Formation, medium banded 20% siderite beds. | | |
| | | | 109 | 122 | 13 | Normal Rich Magnetite Chert Iron Formation, medium banded, some pink jasper, 2' ground. | | |
| | | | 122 | 128 | 6 | Normal Magnetite Chert Iron Formation medium banded, 20% siderite beds. 127 | | |
| | | | | | | vein with green silicates, 50° normal to beds. | | |
| | | | 128 | 174.5 | 46.5 | Lean Normal Magnetite Chert Iron Formation, medium banded, 20% siderite beds. | | |
| | | | | | | 138'-141', 157'-160', 164'-168' | | |
| | | | | | | Normal M.C.I.F., 154' 2" quartz- | | |
| | | | | | | pyrite vein. | | |
| | | | | | | 163' two quartz veins 55° normal to beds. | | |

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | one with quartz crystals, | | |
| | | | | | | 173.5-174.5 Chert with pyrrhotite. | | |
| | | | 174.5 | 229 | 54.5 | Dike, hard, grey, massive. Similar to dike at A-20, 188'-260'. Green and white minerals on core surface. | | |
| | | | | | | 178'-179' ground core. | | |
| | | | | | | 191'-209' blocky core. | | |
| | | | | | | 212'-213', 215'-216' quartz vein with pyrite. | | |
| | | | | 229 | | End of Hole. | | |
| | | | | | | DIP TEST. | | |
| | | | | | | 200' measured $42\frac{1}{2}^{\circ}$ corrected 39° | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Gerald Barker, P. Eng.
 Engineer in Charge

DIAMOND DRILL RECORD

Hole No. A-2h

PROPERTY STRATAGAMI MINES INCORPORATED

Sheet No. 1

Location: Claim No. T 43508 TEMCO O.E. 1440-C
 Lat. 73' S, 20' E of west end of Island.
 Dep. _____

Elevation of Collar _____
 Datum _____

Direction at Start: Bearing N 19° E
 Dip -50°

Started June 8, 1961
 Completed June 10, 1961
 Ultimate Depth 182'
 Proposed Depth _____

/ Casings Pilled

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| June 8 | 108 | 108 | 0 | 11 | 11 | Casings | | 10'-60° |
| 9 | 53 | 161 | 11 | 59 | 48 | Andesite Tuff, with abundant carbonate in rock. | | 20'-55° |
| | | | | | | 11-40 greyish | | 30'-60° |
| | | | | | | 40-50 green, beds easier to distinguish | | 40'-50° |
| | | | | | | 49.5 quartz vein | | 50'-50° |
| | | | | | | 55 pyrite nug | | 55'-55° |
| | | | | | | 55-59 several deeply weathered fractures. | | 60'-45° |
| | | | 59 | 68 | 9 | Very Lean, Magnetite Chert Iron Em., medium banded, | | 70'-45° |
| | | | | | | white chert, 10% magnetite and pale yellow | | 80'-45° |
| | | | | | | beds. | | 90'-50° |
| | | | 68 | 73 | 5 | Lean-Normal, Magnetite Chert Iron Em., medium banded, | | 110'-40° |
| | | | | | | 5% pale yellow beds (1/4-1" bands), 4-6 chert | | 120'-40° |
| | | | | | | | | 130'-40° |
| | | | | | | | | 140'-45° |
| | | | | | | | | 150'-40° |
| | | | | | | | | 160'-40° |

Drilled by Boyles Bros. (Quebec) Limited.

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|------|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | bands, 70 1" green bed or dike. | | |
| | | | | | | 75 1" quartz-calcite vein. | | |
| | | | | | | 80 quartz filled fractures at 45°. | | |
| | | | | | | normal to beds. | | |
| | | | 73 | 87.5 | 14.5 | Lean, Magnetite Chert Iron Fm., medium banded, | | |
| | | | | | | 10% magnetite, 10% yellow beds, | | |
| | | | | | | adjacent to magnetite, (1" bands) | | |
| | | | | | | chert in 406" bands. | | |
| | | | | | | 78'-80' Lean-Normal, M. C.I.F. some | | |
| | | | | | | pink chert. | | |
| | | | 87.5 | 92 | 4.5 | Normal, Magnetite, Chert Iron Fm., medium banded, | | |
| | | | | | | 87.5 fractured pink chert with calcite | | |
| | | | | | | veinlets. | | |
| | | | 92 | 109 | 17 | Chert Iron Fm., white chert with oyrite, slump | | |
| | | | | | | breccias locally, 96'-97' magnetite beds | | |
| | | | | | | siderite beds and filling fractures; | | |
| | | | | | | later calcite filling later fractures. | | |

Gerald Barker, P. Eng.
 Engineer in Charge

PROPERTY

STRATHGAMI MINES INCORPORATED

Hole No. A-24Sheet No. 3

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | some are leached, sulphides near fractures. | | |
| | | | | | | 99'-108' 3' core recovered. Vugs in chert. Later cave of chert with pyrite disseminated, and pyrite coating chert. | | |
| | | | | | | 108' (2" of core) of altered dike with amphiboles. | | |
| | | | 109 | 115 | 6 | Lean Magnetite Chert Iron Fm., medium banded, 30% yellow beds with disseminated magnetite. | | |
| | | | 115 | 143 | 28 | Chert Iron Fm., 5% yellow, or green silicate beds with pyrite. 136'-137' as 109'-115'. | | |
| | | | 143 | 149 | 6 | Very Lean Magnetite Chert Iron Fm., 20% yellow beds, with disseminated magnetite. | | |
| | | | 149 | 163 | 14 | Lean-Normal, Magnetite Chert Iron Fm., 149'-152' blue chert, 5% yellow beds. 152'-160' white | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY Strathacami Mines Inc.

Hole No. 24

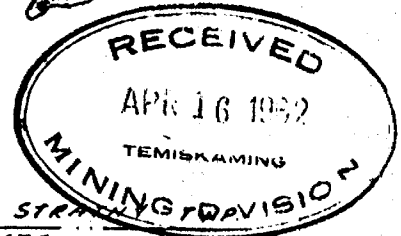
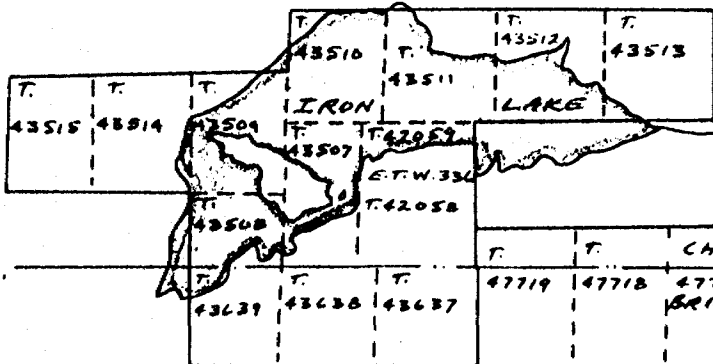
Sheet No. 4

| Date | Feet Drilled | Total Depth | Section | | | Remarks (log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | chert, 20% yellow beds. | | |
| | | | | | | 160'-163' blue chert. | | |
| | | | 163 | 182 | 19 | Andesite Lava? massive pale green rock. | | |
| | | | | | | 163' 4" quartz-vein. | | |
| | | | | | | DIP TEST 180' | | |
| | | | | | | measured 50 1/2°, corrected 47° | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

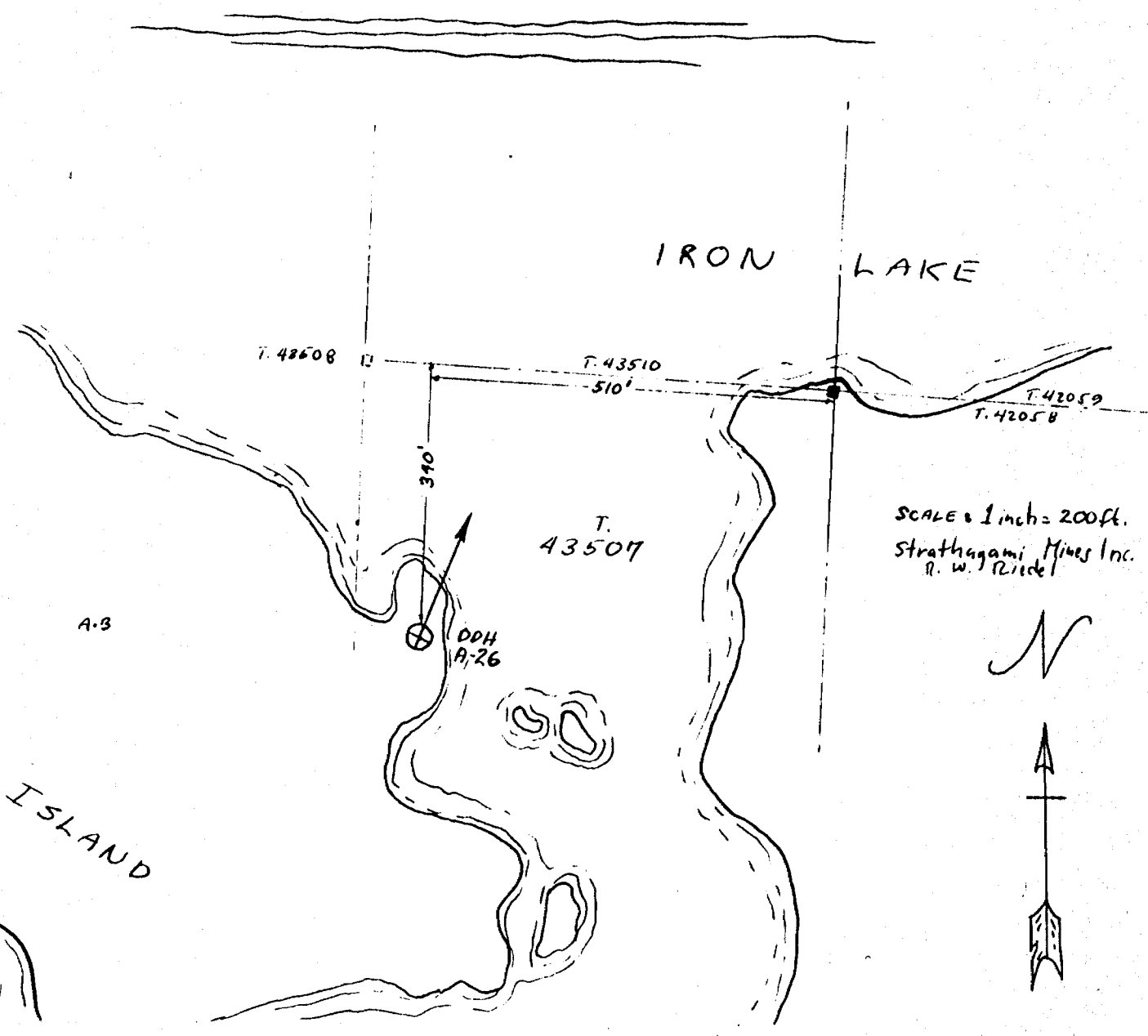
Gerald Barker, P. Eng.
 Engineer in Charge

TIMISKAMING MINING DIVISION
ONTARIO

REVISED 10-2-89 (1961)



Scale: 1 in. = 1/2 mi.



SCALE 1 inch = 200 ft.
Strathgami Mines Inc.
R. W. Riedel

DIAMOND DRILL RECORD

Hole No. A-18

PROPERTY STRATHAGAMI MINES INCORPORATED

Sheet No. 1

Location: Claim No. T 43507
 Lat. 48° 29' 5"
 Dep. line 00, baseline A-Island.
 Elevation of Collar _____
 Datum _____

TEMCO 1440-C

Started May 30, 1961.
 Completed May 31, 1961.
 Ultimate Depth _____
 Proposed Depth 66'

Direction at Start: Bearing N 19° 19' E
 Dip 45°

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|--------|--------------|-------------|---------|----|------|---|---------------|---|
| | | | From | To | Feet | | | |
| May 30 | 62 | 62 | 0 | 9 | 9 | Casing | | |
| May 31 | 4 | 66 | 9 | 66 | 57 | Normal, Magnetite Cherty Iron Formation, medium banded; 10% thin beds of pale yellow rock (fine grained carbonates, silicates, and chert?). | | 13'-30° 23'-25° 33'-25° 48'-25° 66'-35° |
| | | | | | | Locally chert beds broken, magnetite filling; or, magnetite beds broken, yellow rock filling; these are probably later brecciation of beds and movement of more mobile minerals to fill spaces. | | |
| | | | | | | 20 water seam; later rock caved, cement would not set. | | |

Drilled by Boyles Bros. (Quebec) Limited.

Gerald Barker, P. Eng.
 Engineer in Charge

PROPERTY _____

STRATHGAMI MINES INCORPORATED

A-18

Hole No. _____

Sheet No. _____

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 27'-32', 44'-45' chert with 10% yellow beds. 50' quartz vein with pyrite. | | |
| | | | | | | 54' quartz-calcite vein filling fractures. | | |
| | | | | | | 56'-57' Jasper beds. | | |
| | | | | | | 57'-66' 2' of core recovered; many rusty water seams. | | |
| | | | | 66 | | Stopped hole. Would require casing to 22' and probably required casing at 57'-66' if cement would not set. | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Gerald Barker, P. Eng.
 Engineer in Charge

DIAMOND DRILL RECORD

Hole No. A-26

PROPERTY STRATHGAMI MINES INCORPORATED

Sheet No. 1

Location: Claim No. T 43507
 Lat. 303109' S, 27'E
 Dep. Line 400 E, baseline A Island
 Elevation of Collar _____
 Datum _____

TEMCO O.E. 1440-C

Started June 11, 1961

Completed June 14, 1961.

Ultimate Depth 344'

Proposed Depth _____

Direction at Start: Bearing N 19° 19' E
 Dip -55°

Casing Pulled.

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|---------|--------------|-------------|---------|----|------|--|---------------|---|
| | | | From | To | Feet | | | |
| June 11 | 21 | 21 | 0 | 7 | 7 | Casing, broken rock. | | 8'-35° |
| 12 | 84 | 105 | 7 | 21 | 14 | Lean, Magnetite Chert Iron Fm., medium banded, 40% pale yellow beds, some have fibrous | | 18'-35° 28'-35° 38'-25° |
| 13 | 166 | 271 | | | | amphiboles, 13-14, 20-21 rusty beds, -- | | 48'-25° |
| 14 | 73 | 344 | 21 | 38 | 17 | siderite? Normal, Magnetite Chert Jasper Iron Fm., medium banded, a/3 jasper, 1/3 chert with 10% siderite beds. | | 58'-30° 68'-30° 77'-30° 86'-30° 96'-30° 106'-35° |
| | | | 38 | 44 | 6 | Lean-Normal, Magnetite Chert Iron Fm., medium banded, 20% siderite beds, 20% pale yellow beds. | | 116'-30° 126'-30° 136'-30° 146'-30° |
| | | | 44 | 51 | 7 | Chert Iron Fm., white chert, 44-46 white chert | | 150'-30° 169'-30° |

Drilled by Boyles Bros. (Quebec) Limited

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|----|------|--|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | with pyrite. | | 179'-35 |
| | | | | | | 1.6-51 30% pale yellow beds. | | 190'-35 |
| | | | | | | 49 4" dark green dike. | | 200'-30 |
| | | | | | | | | 210'-30 |
| | | | | | | | | 220-25 |
| | | | 51 | 59 | 8 | Normal, Magnetite Chert Iron Fm., medium banded, | | lava or |
| | | | | | | 20% pale yellow beds, 5% siderite beds. | | dike |
| | | | | | | 51-51.6 dark green dike, intrusive | | 280'-45 |
| | | | | | | contact at 51.6. | | 306'-25 |
| | | | 59 | 76 | 17 | Very Lean, Chert Iron Fm., medium banded, grey | | 311'-25 |
| | | | | | | chert; yellow beds with disseminated magnetite. | | 321'-30 |
| | | | | | | 56-85 rock leached along fractures. | | END. |
| | | | | | | 65-67 Normal, M. C. I. F. MB. 30% | | |
| | | | | | | pale yellow beds, 67-76 slump breccia, | | |
| | | | | | | with chert fragments. | | |
| | | | 76 | 97 | 21 | Normal, Magnetite Chert Iron Fm., medium banded, | | |
| | | | | | | 10% yellow beds. | | |
| | | | | | | 76'-82' Lean Normal, m.C. I. F., 20% | | |

Gerald Barker, P. Eng.
 Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Incline |
|------|--------------|-------------|---------|-----|------|--|---------------|-------------------|
| | | | From | To | Feet | | | |
| | | | | | | yellow beds. 90-94 as 76-82 | | |
| | | | | | | 85 1" green dike. | | |
| | | | | | | 96.5 4" dike of grey rock, leached. | | |
| | | | | | | 99 8" dike of grey rock, leached. | | |
| | | | 97 | 104 | 7 | Normal, Magnetite Chert Jasper Iron Em., medium banded, pink jasper. | | |
| | | | 104 | 129 | 25 | Normal, Magnetite Chert Iron Formation, medium banded, 10% siderite beds. | | |
| | | | | | | 112-115 Lean, M. C. I. F. slump breccia. | | |
| | | | | | | 115-122 10% yellow beds. | | |
| | | | 129 | 163 | 34 | Lean, Magnetite Chert Silicate Iron Em., rock has bands but not distinct beds as usual. 129'-136' 40% yellow bed with disseminated magnetite, grey chert. 136'-139' 10% yellow beds with dissem. mag. 136'-137' pyrite in chert. | | |

Gerald Barker, P. Eng.

Engineer in Charge

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 139'-145' 30% yellow beds with dissem. mag. | | |
| | | | | | | 145-148 Lean Normal, 20% magnetite beds adjacent to thin yellow beds. | | |
| | | | | | | 149.5 2" green bed with pyrrhotite. 152 1" green dike. | | |
| | | | | | | 148-163 few magnetite beds with yellow rock adjacent. | | |
| | | | | | | 150-160 Lean M. C. S. I. F. | | |
| | | | | | | 162-162.5 green silicate beds with pyrrhotite. | | |
| | | | 163 | 168 | 5 | Lean Magnetite Chert Iron Fm., Medium banded; 20% magnetite beds, 20% yellow beds, adjacent to magnetite. 166.5-167 green dike with amygdules. | | |
| | | | 168 | 190 | 22 | Lean-Normal, Magnetite Chert Iron Fm., medium banded, 30% siderite beds. 172' 1" quartz vein with pyrite. | | |

Gerald Barker, P. Eng.

Engineer in Charge

PROPERTY Strathgami Mines Incorporated

Hole No. A-4

Sheet No. 1

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------|
| | | | From | To | Feet | | | |
| | | | | | | 162'-177' several irregular 1/4" quartz veins parallel to core axis. | | |
| | | | 190 | 220 | 30 | Normal, Magnetite Chert Iron Fm., medium banded, some pink jasper, 5% siderite beds. | | |
| | | | 220 | 221 | 1 | Andesite Tuff, green bedded, | | |
| | | | 221 | 302 | 81 | Rhyolite, massive, grey, distinct large units. | | |
| | | | | | | 225.225.5 carbonate in rock. | | |
| | | | | | | 227-228, 249-252 ground core. | | |
| | | | | | | 234-257, 271-285, 297-301 coarser grained sections - white mineral in pale green-grey groundmass. | | |
| | | | | | | 280-285.5 soft, grey-green rock. | | |
| | | | 302 | 326 | 24 | Bean-Normal, Magnetite Chert Iron Fm., medium banded, 20% yellow beds, some with amphibole crystals. 314-321 Normal, M. C. L. F. 10% siderite beds, 10% pale yellow beds. | | |

Gerald Barker, P. Eng.
Engineer in Charge

PROPERTY

STRATHGAMI MINES INCORPORATED

Hole No. A-26Sheet No. 6

| Date | Feet Drilled | Total Depth | Section | | | Remarks (Log) | Core Recovery | Foliation Inclination |
|------|--------------|-------------|---------|-----|------|---|---------------|-----------------------|
| | | | From | To | Feet | | | |
| | | | | | | 323-324 white chert with pyrite, green beds | | |
| | | | 326 | 344 | 18 | Rhyolite, massive grey. | | |
| | | | | | | 333-344 coarse grained as 234-257 | | |
| | | | | | | 326-344 blocky core, 3' ground. | | |
| | | | | 344 | | End of Hole. | | |
| | | | | | | DIP TESTS | | |
| | | | | | | 200' measured 52°, corrected 48 1/2° | | |
| | | | | | | 340' " 51° " 47 1/2° | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Gerald Barker, P. Eng.

Engineer in Charge