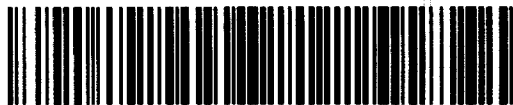




42A04NW0017 2.10291 REEVES

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42A04NW0017 2.10291 REEVES

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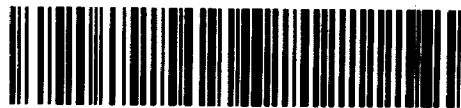
| | PAGE |
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| LOCATION AND ACCESS..... | 1 |
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- Figure 2 Regional Geology
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- Appendix I Rock Sample Descriptions



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- Figure 2 Regional Geology
- Figure 3 Sample Location Map

APPENDIX

- Appendix I Rock Sample Descriptions

INTRODUCTION

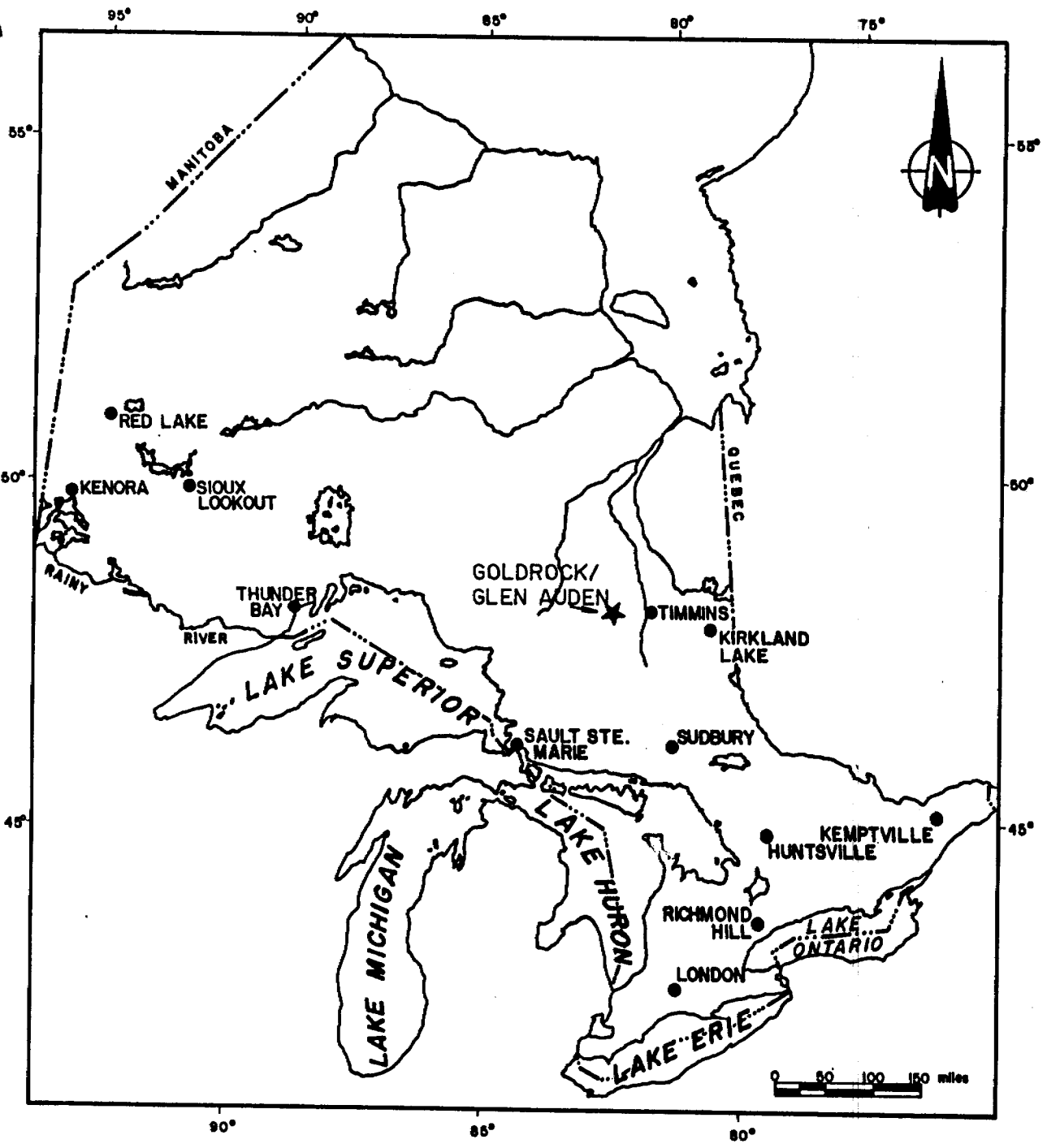
Geological mapping and a lithogeochemical investigation are currently being conducted on the 289-claim Reeves Joint Venture property located Reeves, Sewell, Penhorwood and Kenogaming Townships, Porcupine Mining Division, Ontario. The property is jointly held by Goldrock Resources Inc., and Glen Auden Resources Limited. Multi-element analyses of 38 rock samples collected from the property are presented. These data constitute a preliminary phase of a more comprehensive geological/geochemical program, to be presented upon its completion.

LOCATION AND ACCESS

The property is situated approximately 56 kilometers west of Timmins, and is broadly centred on the contiguous four corners of Reeves, Sewell, Penhorwood and Kenogaming Townships (Figure 1). It is easily accessed via numerous logging roads branching southwards from Highway 101 which lies a few kilometers to the north.

REGIONAL AND PROPERTY GEOLOGY

The property lies in the northern portion of the Archean Swayze Greenstone Belt which likely represents the western extension of the Abitibi Greenstone Belt. Granitic batholiths all but completely separate these two belts. Ontario Department



PROVINCE OF ONTARIO

Ren Burke

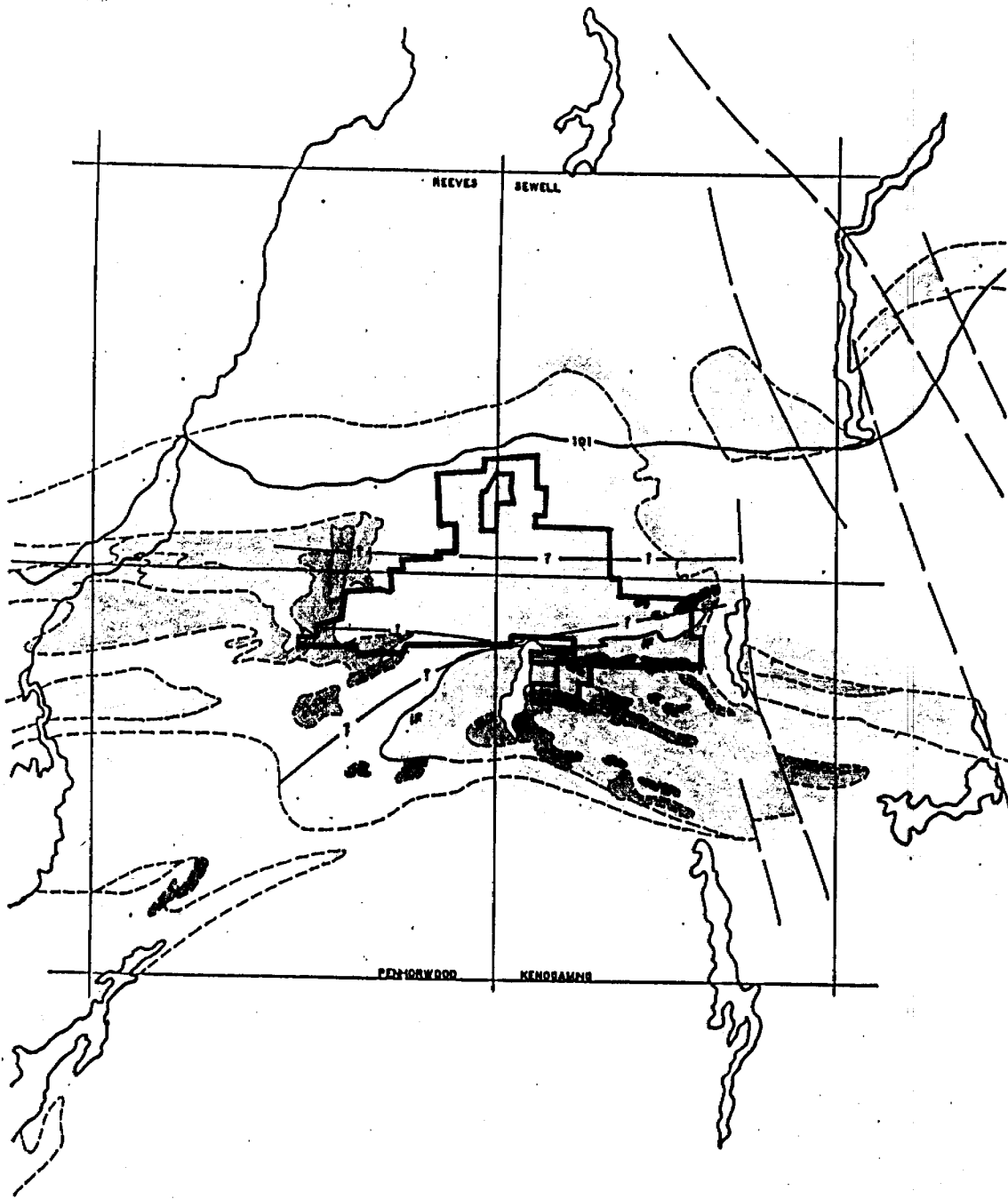
| | | | |
|-----------|--|------------------|-------------|
| REVISIONS | ROBERT S. MIDDLETON EXPLORATION SERVICES INC. | | |
| | for GOLDROCK RESOURCES INC./ GLEN AUDEN RESOURCES LTD. J.V. | | |
| | Title PROPERTY LOCATION MAP | | |
| | Date: July 87 | Scale: 1"=160mi. | N.T.S.: |
| | Drawn: | Approved: | File: M-201 |

Fig. 1










of Mines Map 2231 (Milne, 1972) indicates that immediately south of the property, in Kenogaming and Penhorwood Townships, a thick sequence of intermediate to felsic volcanic rock has been folded into a major, westerly plunging antiform (Figure 2). Numerous lenticular bodies of ultramafic rock have intruded these volcanic rocks. Mafic volcanics are the dominant rock type in the greenstone belt peripheral to the folded felsic sequence, and a thin, but laterally continuous unit of oxide and carbonate facies banded iron formation marks the northern contact between the felsic and mafic volcanics. West of the property, in Reeves Township there is a medium-sized complex of mafic and ultramafic intrusive rocks which is the host of the Steetley talc deposit.

Geological mapping and lithogeochemical data has led D. Pyke (Pyke, 1987) to propose that the volcanic sequences forming the greenstone belt in the region of the property are similar, texturally and compositionally, to the volcanics of the Timmins mining camp. Specifically, the folded felsic volcanics and iron formation in Kenogaming Township are compared with Deloro Group rocks of the Timmins area, while the mafic volcanics which underlie much of the property resemble Tisdale Group iron tholeiites.

A number of generally east-west trending shear zones transect the property, and are interpreted by Pyke (1987) to be splay structures off the possible western extension of the



LEGEND

-  mafic volcanics
 -  intermediate-felsic volcanics
 -  sedimentary rocks
 -  ultramafic intrusive
 -  mafic intrusive
 -  granitic intrusive
 -  fault
 -  property boundary
-  IF-kon formation

| | | | |
|-----------|--|---------------------------|-------------|
| REVISIONS | ROBERT S. MIDDLETON EXPLORATION SERVICES INC. | | |
| | for | GLEN AUDEN RESOURCES LTD. | |
| | Title | GEOLOGY MAP | |
| | | <i>Don Banta</i> | |
| | Date: JULY 87 | Scale: | N.T.S.: |
| | Drawn: s.s. | Approved: | File: M-223 |

Fig. 2

Destor-Porcupine Fault which is postulated to partially follow the northern contact between the folded felsic volcanics and mafic volcanics in Kenogaming and Penhorwood Townships (Figure 2). Highly strained and carbonatized mafic and ultramafic rocks have been mapped on the property, and are evidence of the proposed shear zones.

LITHOGEOCHEMICAL DATA PRESENTATION

To date, 38 rock samples have been assayed for gold using the fire assay method on a preconcentrated sample, as well as analyzed for 31 other elements using the I.C.P. method. Analytical services were provided by Min-En Laboratories, Vancouver. Only the raw data are presented in this report as manipulation of the data has yet to be carried out owing to the limited sample population and the on-going nature of the survey. Sample site locations are shown in Figure 3 (see attached map folder). The analyses for the 38 rock samples are tabulated below.

Respectfully submitted



Ronald Burk

| VALUES IN | AG | AL | AS | B | BA | BE | BI | CA | CD | CO | CU | FE |
|-----------|-----|-------|----|----|-----|------|----|-------|------|----|-----|--------|
| 201B | .7 | 44380 | 20 | 18 | 22 | 1.1 | 4 | 21200 | 4.9 | 13 | 27 | 75870 |
| 202B | 1.7 | 54810 | 55 | 27 | 107 | 7.8 | 15 | 7410 | 13.0 | 29 | 83 | 144780 |
| 203B | 1.3 | 38630 | 11 | 18 | 78 | 3.0 | 6 | 21470 | 8.0 | 30 | 72 | 127640 |
| 204B | 1.3 | 37040 | 24 | 17 | 79 | 5.0 | 9 | 28160 | 8.4 | 13 | 22 | 112010 |
| 205B | 1.0 | 38250 | 26 | 16 | 62 | 4.6 | 13 | 19420 | 7.0 | 17 | 390 | 84810 |
| 206B | .1 | 5570 | 3 | 1 | 148 | 1.1 | 2 | 10100 | 2.0 | 3 | 10 | 13500 |
| 207B | 1.2 | 31090 | 12 | 13 | 73 | 1.9 | 7 | 25370 | 5.5 | 19 | 75 | 120310 |
| 208B | 1.5 | 36390 | 15 | 16 | 66 | 4.8 | 8 | 57030 | 9.7 | 23 | 138 | 88010 |
| 209B | 1.9 | 53340 | 35 | 23 | 74 | 5.4 | 11 | 52560 | 8.9 | 24 | 222 | 104180 |
| 210B | 1.2 | 12330 | 15 | 12 | 46 | 3.2 | 5 | 82590 | 8.1 | 16 | 50 | 64790 |
| 211B | 1.1 | 29960 | 30 | 14 | 57 | 4.7 | 9 | 29130 | 8.7 | 20 | 89 | 87520 |
| 212B | .8 | 26520 | 22 | 30 | 45 | 3.6 | 8 | 64470 | 10.0 | 20 | 62 | 79970 |
| 213B | 1.4 | 28620 | 78 | 15 | 69 | 7.2 | 17 | 610 | 10.3 | 25 | 94 | 109660 |
| 214B | .2 | 23000 | 19 | 25 | 97 | 2.8 | 5 | 4280 | 3.7 | 7 | 32 | 41550 |
| 215B | 1.2 | 25750 | 17 | 11 | 39 | 2.9 | 7 | 56050 | 6.5 | 14 | 129 | 60310 |
| 216B | 1.4 | 23270 | 40 | 13 | 54 | 4.7 | 10 | 32320 | 8.4 | 21 | 61 | 81800 |
| 217B | .5 | 2930 | 11 | 6 | 30 | 2.2 | 2 | 4900 | 3.4 | 6 | 14 | 35360 |
| 218B | 1.6 | 58360 | 47 | 26 | 57 | 6.0 | 10 | 20200 | 11.3 | 31 | 25 | 101850 |
| 219B | 1.3 | 26640 | 13 | 14 | 46 | .1 | 6 | 12800 | 2.0 | 13 | 93 | 171510 |
| 220B | 2.5 | 65730 | 63 | 33 | 146 | 10.7 | 25 | 1950 | 16.0 | 24 | 184 | 227450 |
| 221B | 1.1 | 9230 | 22 | 8 | 32 | 1.9 | 6 | 54540 | 5.3 | 12 | 34 | 52250 |
| 222B | .3 | 5710 | 13 | 5 | 32 | 1.2 | 1 | 23320 | 2.8 | 6 | 16 | 31140 |
| 223B | 1.0 | 28410 | 13 | 12 | 25 | .1 | 5 | 13590 | 3.3 | 16 | 91 | 191570 |
| 224B | 1.6 | 48690 | 3 | 21 | 189 | 1.2 | 7 | 43150 | 5.5 | 19 | 82 | 157790 |
| 225B | 1.3 | 34870 | 2 | 14 | 27 | .2 | 5 | 24080 | 3.8 | 21 | 70 | 157790 |
| 226B | 2.5 | 57070 | 42 | 27 | 115 | 8.6 | 22 | 14990 | 13.3 | 22 | 111 | 210570 |
| 227B | 1.4 | 29930 | 17 | 15 | 59 | .2 | 5 | 15020 | 1.0 | 18 | 144 | 254900 |
| 228B | .5 | 15770 | 5 | 7 | 182 | .2 | 5 | 3150 | 3.6 | 7 | 101 | 80740 |
| 229B | 1.5 | 72690 | 68 | 31 | 59 | 5.6 | 15 | 2400 | 11.0 | 38 | 192 | 108190 |
| 230B | 1.6 | 25630 | 28 | 14 | 108 | 3.7 | 11 | 26420 | 7.3 | 27 | 111 | 73360 |
| 231B | 1.5 | 56200 | 4 | 24 | 60 | 2.6 | 10 | 7640 | 9.3 | 24 | 170 | 237630 |
| 232B | .9 | 38340 | 11 | 19 | 145 | 2.3 | 7 | 28750 | 4.6 | 14 | 27 | 111430 |
| 233B | .9 | 8410 | 36 | 7 | 75 | 6.4 | 15 | 710 | 8.3 | 14 | 110 | 110290 |
| 234B | 1.0 | 53110 | 4 | 24 | 57 | 1.3 | 6 | 11000 | 6.5 | 28 | 26 | 218900 |
| 235B | .1 | 5340 | 2 | 2 | 30 | .8 | 3 | 8790 | 2.3 | 4 | 20 | 25720 |
| 236B | .3 | 27690 | 30 | 17 | 67 | 3.5 | 9 | 3030 | 4.7 | 11 | 25 | 61650 |
| 237B | .3 | 15410 | 1 | 6 | 19 | 1.1 | 4 | 8840 | 2.5 | 7 | 4 | 67710 |
| 238B | 1.2 | 56750 | 49 | 25 | 56 | 5.4 | 11 | 22120 | 10.2 | 26 | 84 | 93550 |

| (% (WTS IN %)) | K | LI | MG | MN | MO | NA | KI | P | PB | SR | SR | TH |
|----------------|------|----|-------|------|----|------|-----|------|----|----|----|----|
| 202B | 30 | 6 | 21310 | 477 | 1 | 1350 | 76 | 20 | 7 | 4 | 53 | 1 |
| 202B | 300 | 17 | 14370 | 2933 | 20 | 170 | 40 | 240 | 26 | 28 | 74 | 1 |
| 203B | 370 | 12 | 19500 | 2064 | 4 | 560 | 107 | 190 | 1 | 10 | 48 | 1 |
| 203B | 590 | 14 | 9380 | 2919 | 12 | 660 | 3 | 1210 | 11 | 19 | 60 | 1 |
| 203B | 400 | 15 | 23170 | 1032 | 7 | 290 | 19 | 520 | 13 | 14 | 66 | 1 |
| 206B | 1480 | 1 | 3040 | 251 | 2 | 2300 | 6 | 660 | 12 | 2 | 28 | 1 |
| 206B | 500 | 14 | 12250 | 1064 | 4 | 340 | 2 | 250 | 14 | 8 | 42 | 1 |
| 206B | 1050 | 25 | 24600 | 1663 | 9 | 160 | 77 | 260 | 2 | 15 | 61 | 1 |
| 209B | 820 | 38 | 23940 | 1295 | 12 | 60 | 82 | 230 | 16 | 16 | 78 | 1 |
| 209B | 890 | 8 | 20340 | 1573 | 7 | 820 | 158 | 420 | 7 | 12 | 38 | 1 |
| 212B | 240 | 28 | 22170 | 965 | 12 | 440 | 74 | 300 | 22 | 16 | 50 | 1 |
| 212B | 130 | 20 | 35260 | 1365 | 7 | 520 | 95 | 200 | 21 | 11 | 45 | 1 |
| 213B | 200 | 25 | 17330 | 148 | 18 | 660 | 63 | 260 | 46 | 29 | 50 | 1 |
| 213B | 2300 | 14 | 8440 | 502 | 8 | 200 | 2 | 1250 | 11 | 9 | 32 | 1 |
| 213B | 280 | 18 | 13840 | 1255 | 9 | 60 | 36 | 200 | 7 | 11 | 49 | 1 |
| 216B | 490 | 19 | 17710 | 890 | 9 | 620 | 77 | 290 | 18 | 18 | 45 | 1 |
| 216B | 390 | 1 | 1700 | 968 | 4 | 460 | 23 | 60 | 5 | 11 | 12 | 1 |
| 216B | 70 | 37 | 26880 | 839 | 11 | 30 | 96 | 20 | 9 | 20 | 71 | 1 |
| 219B | 580 | 10 | 14560 | 870 | 3 | 930 | 4 | 130 | 17 | 4 | 32 | 1 |
| 221B | 60 | 2 | 19720 | 2858 | 21 | 10 | 33 | 70 | 3 | 45 | 90 | 1 |
| 221B | 360 | 4 | 21050 | 952 | 3 | 600 | 72 | 180 | 8 | 9 | 25 | 1 |
| 222B | 430 | 3 | 8000 | 724 | 3 | 440 | 22 | 110 | 5 | 5 | 14 | 1 |
| 227B | 40 | 5 | 18830 | 653 | 1 | 490 | 5 | 40 | 5 | 1 | 26 | 1 |
| 227B | 5680 | 15 | 17770 | 1444 | 3 | 2100 | 69 | 40 | 13 | 5 | 62 | 1 |
| 225B | 90 | 8 | 24070 | 783 | 2 | 700 | 82 | 20 | 3 | 1 | 35 | 1 |
| 226B | 100 | 2 | 14370 | 3248 | 17 | 30 | 8 | 420 | 17 | 39 | 80 | 1 |
| 227B | 1720 | 6 | 14800 | 583 | 1 | 1100 | 7 | 70 | 9 | 4 | 29 | 1 |
| 228B | 1520 | 4 | 10980 | 362 | 1 | 180 | 1 | 30 | 10 | 1 | 15 | 1 |
| 229B | 110 | 20 | 51240 | 1194 | 9 | 90 | 70 | 330 | 34 | 11 | 80 | 2 |
| 231B | 630 | 11 | 12990 | 1452 | 9 | 730 | 110 | 220 | 10 | 16 | 42 | 1 |
| 231B | 130 | 8 | 42410 | 1359 | 1 | 20 | 16 | 50 | 22 | 7 | 62 | 3 |
| 232B | 4870 | 25 | 10700 | 946 | 2 | 1480 | 1 | 1070 | 13 | 8 | 67 | 1 |
| 233B | 1050 | 2 | 2510 | 877 | 15 | 900 | 23 | 480 | 13 | 31 | 36 | 1 |
| 233B | 260 | 12 | 37390 | 1440 | 5 | 200 | 61 | 50 | 5 | 4 | 55 | 3 |
| 235B | 410 | 2 | 2310 | 1005 | 3 | 530 | 1 | 690 | 4 | 5 | 16 | 1 |
| 235B | 1460 | 11 | 5150 | 1249 | 11 | 1080 | 1 | 1590 | 9 | 14 | 44 | 1 |
| 235B | 30 | 4 | 6410 | 557 | 1 | 710 | 1 | 390 | 6 | 5 | 22 | 1 |
| 238B | 50 | 25 | 31320 | 945 | 9 | 180 | 95 | 230 | 12 | 15 | 72 | 3 |

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

1604)980-5814 OR 1604)988-4524

DATE: JUNE 6, 1987

ATTENTION: EARNER

* TYPE ROCK GEDCHEN *

| NO. (SEE IN QRC.) | U | V | ZN | GA | SN | N | CR | AU-PPB |
|-------------------|---|-------|-----|----|----|----|-----|--------|
| 205R | 3 | 45.0 | 51 | 1 | 18 | 21 | 41 | 2 |
| 206R | 1 | 285.8 | 150 | 10 | 63 | 14 | 12 | 3 |
| 208R | 2 | 168.9 | 114 | 12 | 15 | 29 | 88 | 6 |
| 209R | 2 | 24.0 | 156 | 3 | 35 | 6 | 6 | 3 |
| 210R | 2 | 235.4 | 74 | 12 | 34 | 46 | 7 | 1 |
| 206R | 1 | 10.1 | 44 | 2 | 12 | 1 | 53 | 8 |
| 207R | 2 | 199.7 | 83 | 4 | 9 | 23 | 2 | 4 |
| 208R | 3 | 125.8 | 130 | 6 | 33 | 32 | 69 | 12 |
| 209R | 1 | 166.0 | 152 | 14 | 39 | 42 | 72 | 11 |
| 210R | 2 | 33.0 | 76 | 1 | 18 | 11 | 115 | 3 |
| 211R | 1 | 109.0 | 133 | 6 | 28 | 8 | 72 | 5 |
| 212R | 1 | 106.4 | 106 | 11 | 22 | 10 | 175 | 4 |
| 213R | 1 | 130.8 | 116 | 2 | 43 | 24 | 112 | 24 |
| 214R | 1 | 10.7 | 82 | 1 | 19 | 10 | 1 | 4 |
| 215R | 1 | 76.2 | 80 | 1 | 19 | 3 | 52 | 6 |
| 216R | 1 | 103.2 | 95 | 2 | 24 | 4 | 100 | 20 |
| 217R | 1 | 17.3 | 27 | 1 | 10 | 1 | 153 | 2 |
| 218R | 1 | 141.3 | 170 | 3 | 35 | 12 | 68 | 5 |
| 219R | 1 | 59.8 | 55 | 2 | 2 | 12 | 111 | 1 |
| 220R | 1 | 529.5 | 190 | 8 | 51 | 23 | 66 | 171 |
| 221R | 1 | 29.4 | 47 | 2 | 13 | 2 | 106 | 3 |
| 222R | 1 | 23.0 | 41 | 1 | 8 | 4 | 223 | 2 |
| 223R | 1 | 54.1 | 57 | 4 | 3 | 9 | 152 | 2 |
| 224R | 1 | 138.4 | 59 | 3 | 7 | 5 | 202 | 4 |
| 225R | 1 | 83.3 | 58 | 3 | 6 | 13 | 223 | 3 |
| 226R | 1 | 141.3 | 180 | 5 | 44 | 14 | 6 | 5 |
| 227R | 1 | 148.5 | 85 | 3 | 4 | 14 | 2 | 5 |
| 228R | 1 | 35.9 | 38 | 2 | 1 | 1 | 227 | 1 |
| 229R | 1 | 248.1 | 176 | 3 | 42 | 9 | 292 | 3 |
| 230R | 1 | 97.9 | 89 | 1 | 26 | 4 | 269 | 3 |
| 231R | 1 | 136.2 | 125 | 6 | 4 | 15 | 234 | 11 |
| 232R | 3 | 27.1 | 94 | 4 | 23 | 13 | 10 | 4 |
| 233R | 1 | 32.7 | 132 | 1 | 51 | 3 | 21 | 4 |
| 234R | 2 | 134.3 | 121 | 6 | 14 | 18 | 234 | 2 |
| 235R | 1 | 6.4 | 23 | 1 | 12 | 2 | 83 | 6 |
| 236R | 1 | 13.0 | 112 | 4 | 34 | 10 | 2 | 4 |
| 237R | 1 | 11.9 | 57 | 3 | 6 | 3 | 47 | 1 |
| 238R | 2 | 224.7 | 115 | 7 | 41 | 12 | 111 | 3 |

REFERENCES

PYKE, D.R.
1987

Geological Report on the Kukatush
River Area - Reeves, Sewell,
Penhorwood, Kenogaming Townships
for Robert S. Middleton Exploration
Services Inc.

MILNE, V.G.
1972

Geology of the Kukatush - Sewell
Lake Area. District of Sudbury
Ontario Division of Mines
Geological Report 97.

CERTIFICATION

I, Ron Burk of 29 Wardencourt Drive, Agincourt, Ontario certify that;

1. I am a graduate of the University of Toronto with a Bachelor of Applied Science in Geo-Engineering
2. I am a graduate of Queen's University with a Master of Science, Geological Engineering.
3. I have been practising my profession in Canada for 4 years.
4. I have no economic interests in the property covered by this report.

Dated this July 5, 1987
TIMMINS, Ontario



Ron Burk

Qual. this file

A P P E N D I X

APPENDIX I

ROCK SAMPLE DESCRIPTIONS

SAMPLE LOCATION
MAP NUMBER

- 201B - feldspar porphyry intrusive
- 202B - foliated, chloritic, sheared mafic volcanic
- 203B - laminated argillaceous sedimentary rock containing minor finely disseminated pyrite
- 204B - sheared mafic volcanic with smokey quartz tension veinlets
- 205B - gossan-stained mafic flow; minor euhedral pyrite
- 206B - subangular boulders of quartz-feldspar porphyry
- 207B - massive, fine-grained mafic rock containing approximately 1% magnetic pyrrhotite; apparently the chill margin of diabase dike
- 208B - chlorite-sericite-carbonate schist with 1% fine, euhedral pyrite; probably sheared and altered mafic volcanic
- 209B - quartz vein rock with trace pyrite from chlorite-sericite-carbonate schist rock
- 210B - sulfide-facies iron formation (30-35% pyrite) from old trench
- 211B - silicified rock with 2% pyrite adjacent to iron formation

ROCK SAMPLE DESCRIPTIONS (Cont'd)

SAMPLE LOCATION
MAP NUMBER

- 212B - quartz-sericite schist with rare quartz 'eyes' (possibly altered felsic tuff); possibly large boulder
- 213B - sulfide-facies iron formation (30-35% pyrite)
- 214B - weakly foliated mafic flow with trace pyrite
- 215B - chlorite-sericite-carbonate schist; iron carbonate forms thin, discontinuous layers conformable to the foliation
- 216B - thinly bedded or layered pyrite and chert in sulfide-facies iron formation
- 217B - iron-stained, carbonate-altered rock from old pit
- 218B - well foliated, chlorite-sericite-carbonate schist with thin quartz veining; from old pit in sheared and altered mafic volcanic rock
- 219B - thinly bedded, intermediate tuff with trace pyrite
- 220B - graphitic argillite with thin lenses of pyrite
- 221B - sheared mafic volcanic, carbonatized and hosting thin smokey quartz vein
- 222B - smokey quartz vein rock hosted by pillowed mafic flow

ROCK SAMPLE DESCRIPTIONS (Cont'd)

SAMPLE LOCATION
MAP NUMBER

- | | |
|------|--|
| 223B | - foliated and weakly carbonatized, variolitic, pillowed flow |
| 224B | - brecciated chert |
| 225B | - description not available |
| 226B | - iron-stained boulder of mafic volcanic containing minor sulfide |
| 227B | - description not available |
| 228B | - sugary quartz vein rock hosted by pillowed mafic flow |
| 229B | - iron-stained, apparently sheared, fine-grained wacke |
| 230B | - grey coloured, intermediate volcanic (flow?) |
| 231B | - intermediate flow with trace sulfide |
| 232B | - rusty, vuggy quartz vein in mafic volcanic flow |
| 233B | - iron-stained chlorite schist; sheared mafic flow |
| 234B | - foliated and carbonatized mafic flow rock |
| 235B | - rusty, vuggy, black quartz vein in mafic flow |
| 236B | - iron-stained, chlorite-sericite schist; probably sheared mafic flow rock |

ROCK SAMPLE DESCRIPTIONS (Cont'd)

SAMPLE LOCATION
MAP NUMBER

- | | |
|------|--|
| 237B | - mafic flow rock with thin quartz-carbonate veins |
| 238B | - foliated and carbonatized mafic flow rock |



Mining Act

| | | | |
|---|---|--|---------------------------------------|
| Type of Survey(s) Rock Assaying / GEOCHEM | | Township or Area REEVES, PENHORWOOD, SEWELL & KENOGAMING | |
| Claim Holder(s) GLEN AUDEN RESOURCES LTD. | | Prospector's Licence No. T-1915 | |
| Address c/o R.S. MIDDLETON EXPLORATION SERVICES INC. P.O. BOX 1637, TIMMINS, ONTARIO P4N 7W8 | | | |
| Survey Company R.S. MIDDLETON EXPLORATION SERVICES INC. | Date of Survey (from & to) 10 05 87 PRESENT Day Mo. Yr. Day Mo. Yr. | | Total Miles of line Cut N/A |
| Name and Address of Author (of Geo-Technical report) RON BURKE 40 R.S.M.E.S., P.O. BOX 1637, TIMMINS, ON. P4N 7W8 | | | |

| Special Provisions | Geophysical | Days per Claim |
|---|-------------------|----------------|
| For first survey: Enter 40 days. (This includes line cutting) | - Electromagnetic | |
| | - Magnetometer | |
| For each additional survey: using the same grid: Enter 20 days (for each) | - Radiometric | |
| | - Other | |
| | Geological | |
| | Geochemical | |
| Man Days | Geophysical | Days per Claim |
| Complete reverse side and enter total(s) here | - Electromagnetic | |
| | - Magnetometer | |
| | - Radiometric | |
| | - Other | |
| | Geological | |
| | Geochemical | |
| Airborne Credits | Geophysical | Days per Claim |
| Note: Special provisions credits do not apply to Airborne Surveys. | - Electromagnetic | |
| | - Magnetometer | |
| | - Radiometric | |

| Mining Claims Traversed (List in numerical sequence) | | | Mining Claims Traversed (List in numerical sequence) | | |
|--|---------|------------------|--|--------|------------------|
| Prefix | Number | Expend. Days Cr. | Prefix | Number | Expend. Days Cr. |
| P | 724 554 | 41.16 | | | |
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ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE
NOV 17 1987
RECEIVED

RECORDED
JUL - 9 1987

MINING LANDS SECTION

Total number of mining claims covered by this report of work. **1**

Expenditures (excludes power stripping)

Type of Work Performed
OUTCROP SAMPLING & ASSAYING

Performed on Claim(s) **P 901327, 901329, 901330, 901331, 901332, 901333, 901334, 901335, 901337, 933528, 932074, 933562, 933563, 947099, 947100, 944082**

Calculation of Expenditure Days Credits

| | | | | |
|--------------------|---|----|---|--------------------|
| Total Expenditures | ÷ | 15 | = | Total Days Credits |
| \$ 617.50 | | | | 41.16 |

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Porcupine Mining Division credits per claim selected

RECEIVED

Date: **JUN 9 1987**
Recorded Holder or Agent (Signature): **J. W. Newsome**

For Office Use Only

| | | |
|-------------------------|---------------------------|--------------------|
| Total Days Cr. Recorded | Date Recorded | Mining Recorder |
| 41.16 | July 9/87 | <i>[Signature]</i> |
| | Date Approved as Recorded | Branch Director |
| | 1987-10-20 | <i>[Signature]</i> |

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
**J. W. NEWSOME
40 R.S.M.E.S.
P.O. BOX 1637, TIMMINS, ON. P4N 7W8**

| | |
|----------------|--------------------------|
| Date Certified | Certified by (Signature) |
| July 9 / 87 | J. W. Newsome |

REEVES

DISTRICT OF SUDBURY

PORCUPINE MINING DIVISION

SCALE: 1 INCH = 40 CHAINS

LEGEND

- PATENTED LAND ● or ⊕
- CROWN LAND SALE C.S.
- LEASES L.
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- PATENTED S.R.O.

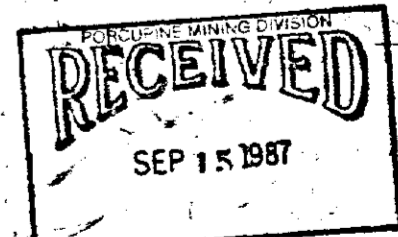
NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970)

| Order No. | File | Date | Disposition |
|-----------|------|---------|-------------|
| 163002 | | 27/7/72 | S.R.O. |

S.R.O. withdrawn from staking under Sec 34(1) of the Mining Act (R.S.O. 1960). File 163006.



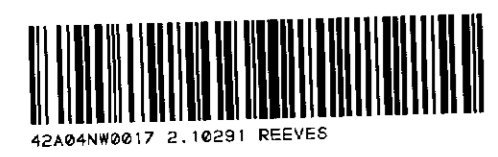
Rec. Feb 11/80

PLAN NO. M.1074

MUSKEGO TP. M.881

SEWELL TP. M.1102

PENHORWOOD TP. M.1055



REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

| Description | Order No. | Date | Disposition | File |
|--------------|-----------|----------|-------------|------------|
| 400' RESERVE | | | S.R.O. | 135537 |
| SEC. 43/70 | W 91/72 | 27/12/72 | S.R.O. | 163006 V.2 |
| SEC. 36/80 | | 11/7/81 | S.R.O. | 135537 |

ORDER OF THE MINISTER #33/87 DATED MARCH 30/87 WITHDRAWS MINING AND SURFACE RIGHTS UNDER SECTION 36 OF THE MINING ACT, 1980

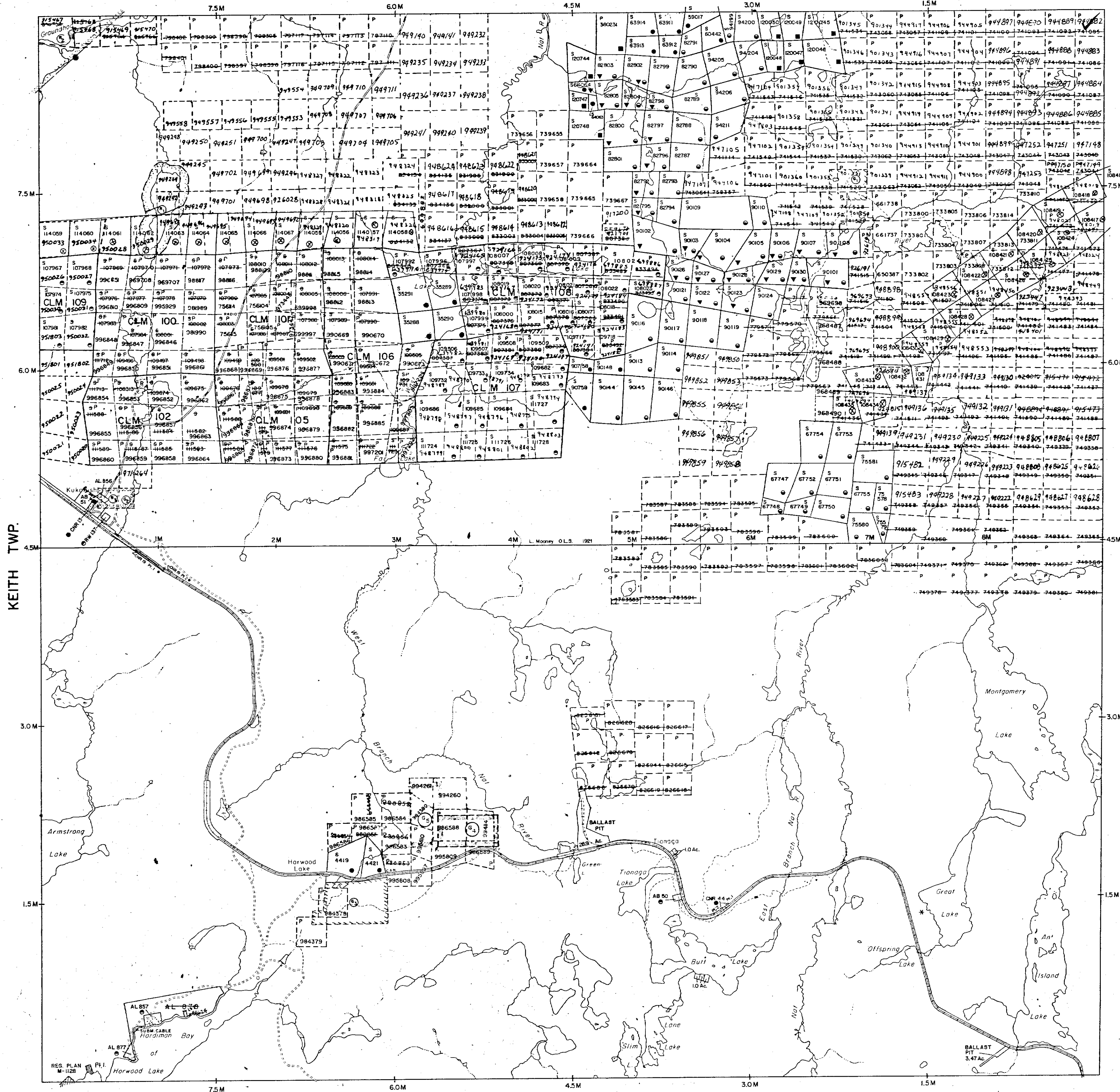
SAND AND GRAVEL

- GRAVEL FILE 38729
- GRAVEL PIT FILE 13555 V.6
- GRAVEL FILE 106274
- QUARRY PERMIT # 22805 ISSUED FOR THE REMOVAL OF QUARTZ JULY 1, 1987
- QUARRY PERMIT # 22808 ISSUED FOR THE REMOVAL OF QUARTZ SEPT. 10, 1987.

NOTES

FLOODING RIGHTS ON HORWOOD LAKE RESERVED TO ONTARIO HYDRO TO CONTOUR ELEVATION 117' L.D. 7746

REEVES TWP.



LEGEND

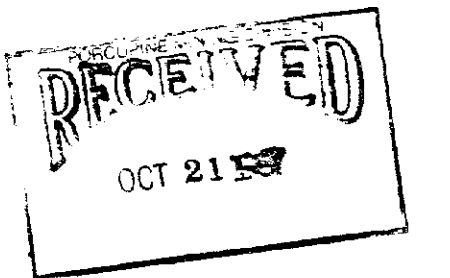
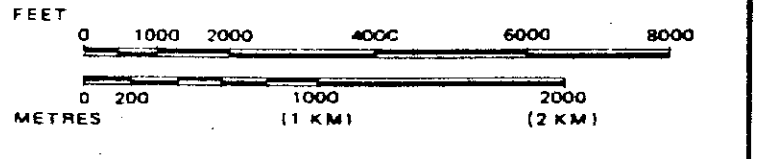
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

| TYPE OF DOCUMENT | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | ● |
| " SURFACE RIGHTS ONLY | ○ |
| " MINING RIGHTS ONLY | ◐ |
| LEASE, SURFACE & MINING RIGHTS | ■ |
| " SURFACE RIGHTS ONLY | ◑ |
| " MINING RIGHTS ONLY | ◒ |
| LICENCE OF OCCUPATION | ▼ |
| ORDER-IN-COUNCIL | OC |
| RESERVATION | ⊙ |
| CANCELLED | ⊘ |
| SAND & GRAVEL | ⊙ |
| LAND USE PERMIT | * |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

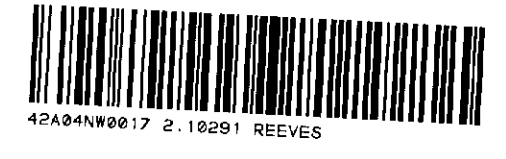
SCALE: 1 INCH = 40 CHAINS



TOWNSHIP
PENHORWOOD
 M.N.R. ADMINISTRATIVE DISTRICT
 CHAPLEAU
 MINING DIVISION
 PORCUPINE
 LAND TITLES / REGISTRY DIVISION
 SUDBURY

Ministry of Natural Resources
 Land Management Branch
 Ontario

Date: MARCH 1985
 checked June 14/85
 S.P. L.D.
G-3244



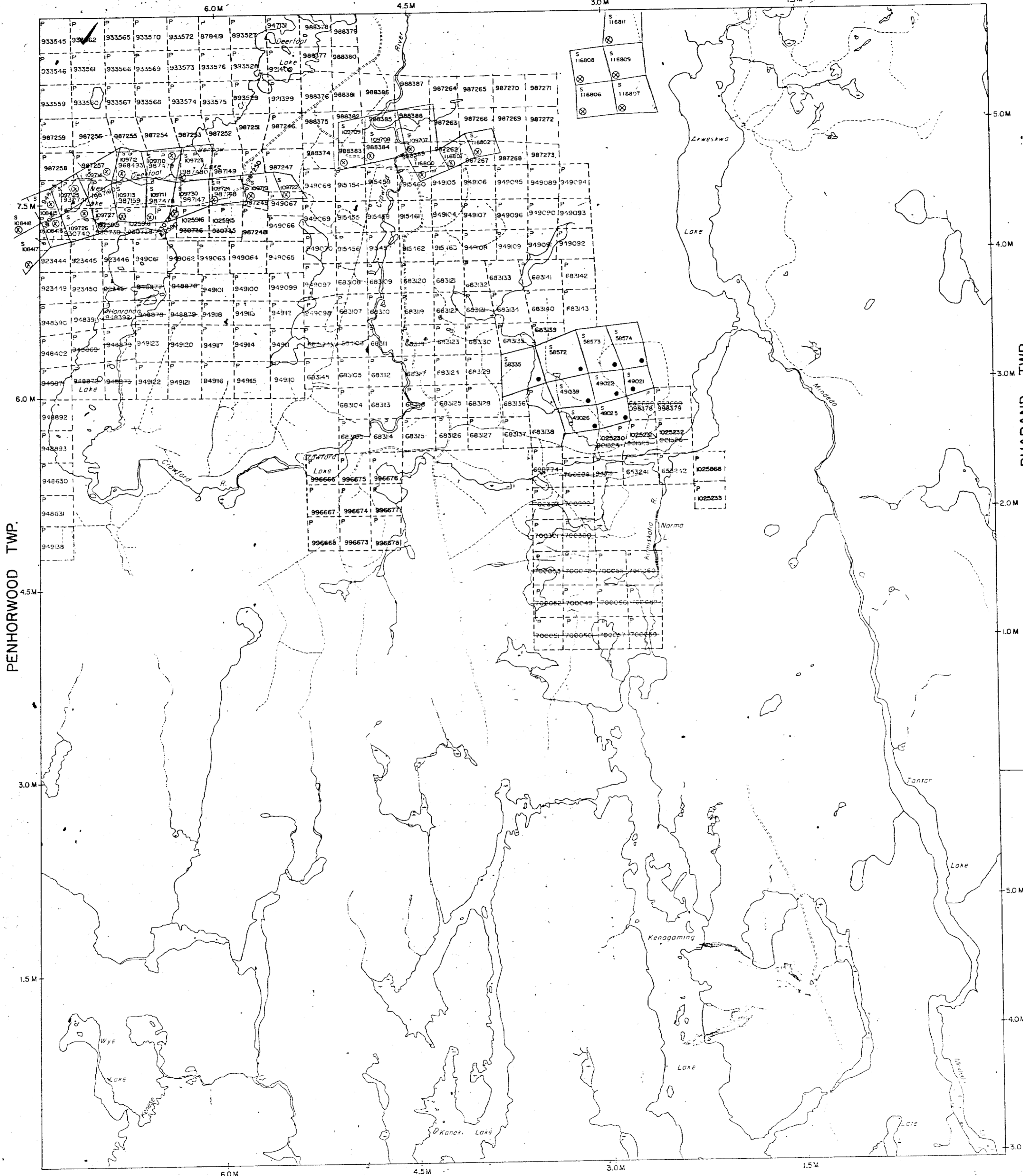
REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

| Description | Order No. | Date | Disposition | File |
|-------------|-----------|------|-------------|------|
| | | | | |

SEWELL TWP.



LEGEND

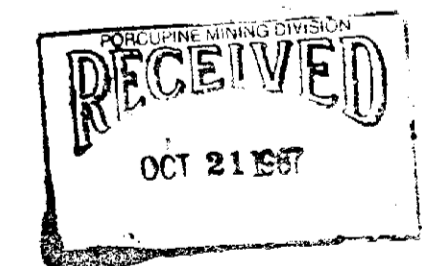
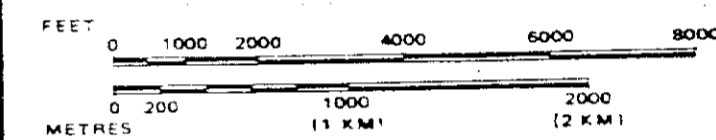
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

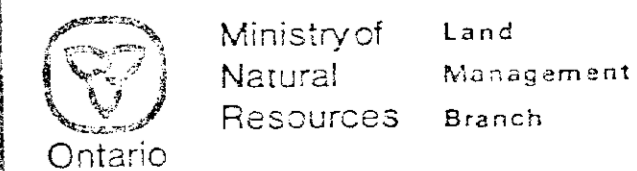
- | TYPE OF DOCUMENT | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | |
| " SURFACE RIGHTS ONLY | |
| " MINING RIGHTS ONLY | |
| LEASE, SURFACE & MINING RIGHTS | |
| " SURFACE RIGHTS ONLY | |
| " MINING RIGHTS ONLY | |
| LICENCE OF OCCUPATION | |
| ORDER-IN-COUNCIL | |
| RESERVATION | |
| CANCELLED | |
| SAND & GRAVEL | |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP
KENO GAMING
 M.N.R. ADMINISTRATIVE DISTRICT
 TIMMINS
 MINING DIVISION
 PORCUPINE
 LAND TITLES / REGISTRY DIVISION
 SUDBURY



Date: APRIL 1985

Number

RECEIVED APR 22 1987

G-3239



42404W0017 2.10291 REEVES

REFERENCES

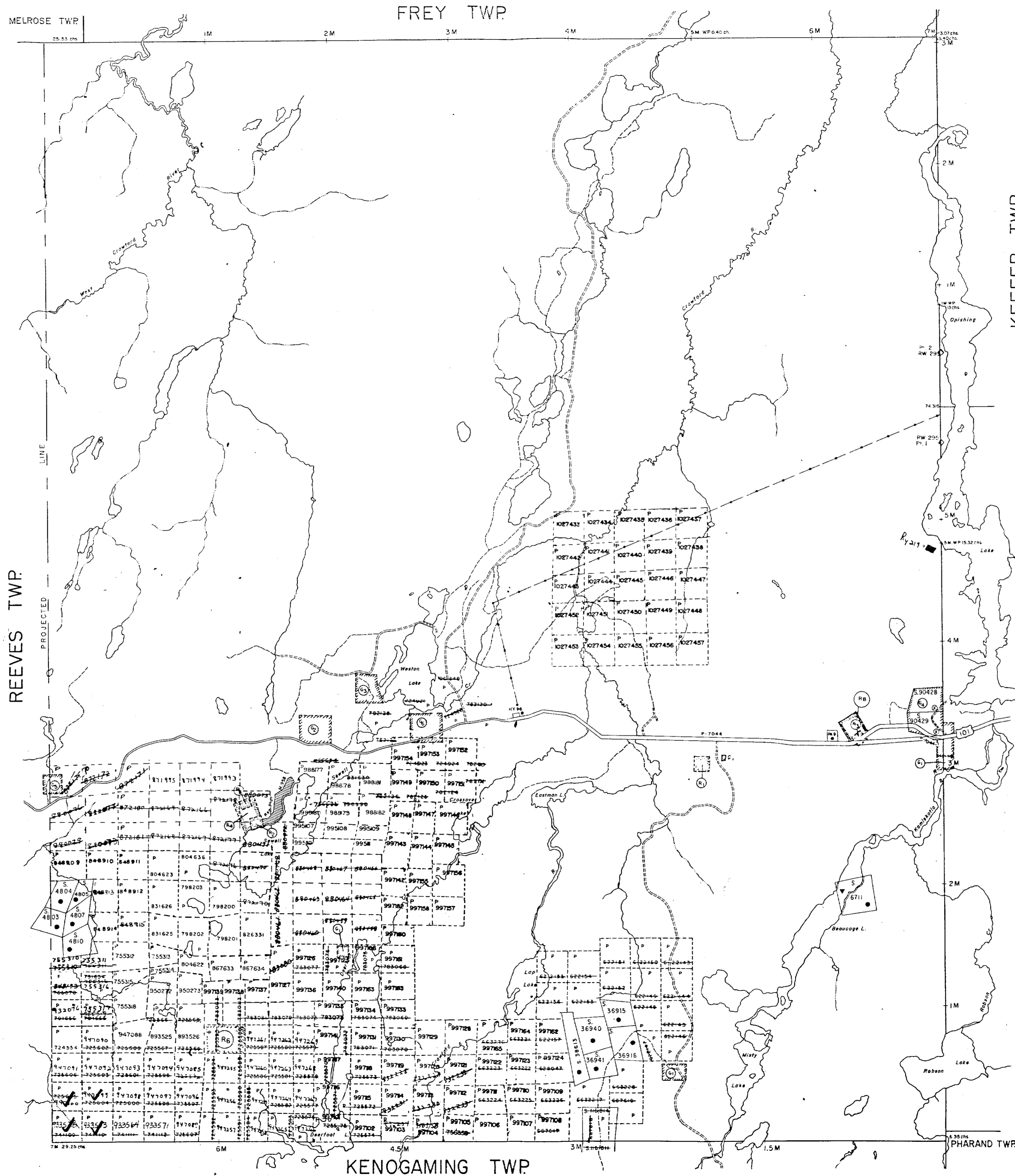
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

| Description | Order No. | Date | Disposition | File |
|---|-----------|----------|-------------|--------|
| (5) SEC 43/70 | W. 30/77 | 11/3/77 | S.R.O. | 135748 |
| (6) SEC. 43/70 | W. 19/78 | 10/4/78 | S.R.O. | 168543 |
| (7) SEC 43/70 | W. 10/78 | 14/11/78 | S.R.O. | 135748 |
| (8) DUMP ATTENUATION ZONE | | | | |
| (9) SEC 36/80 | W. 46/83 | 14/8/83 | M.+S. | |
| (10) NOT OPEN FOR STAKING AWAITING INSPECTION 71/86 | | | | |
| (11) "FILED ONLY" D. 26/86 | | | | |
| (12) NOT OPEN FOR STAKING. BONA FIDE APPLICATION UNDER PUBLIC LANDS ACT PENDING. 21/01/87 | | | | |

SAND AND GRAVEL

| | | |
|-------------|------|------------------|
| (13) GRAVEL | FILE | 135748 |
| (14) M.T.C. | PIT | 1577 |
| (15) M.T.C. | PIT | 3H-1 FILE 135748 |
| (16) M.T.C. | PIT | 1576 |
| (17) M.T.C. | PIT | 3H-2 FILE 184702 |
| (18) M.T.C. | PIT | 1243 |



LEGEND

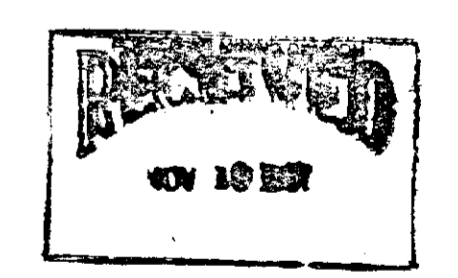
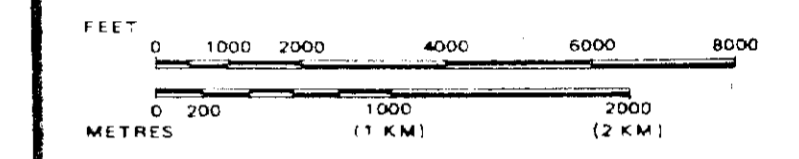
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|------------------------------------|--|
| HIGHWAY AND ROUTE No. | |
| OTHER ROADS | |
| TRAILS | |
| SURVEYED LINES: | |
| TOWNSHIPS, BASE LINES, ETC. | |
| LOTS, MINING CLAIMS, PARCELS, ETC. | |
| UNSURVEYED LINES: | |
| LOT LINES | |
| PARCEL BOUNDARY | |
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| RAILWAY AND RIGHT OF WAY | |
| UTILITY LINES | |
| NON-PERENNIAL STREAM | |
| FLOODING OR FLOODING RIGHTS | |
| SUBDIVISION OR COMPOSITE PLAN | |
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DISPOSITION OF CROWN LANDS

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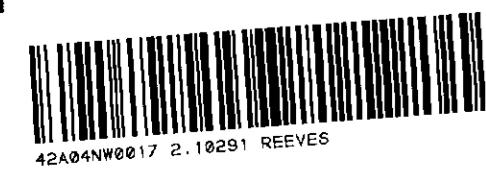
SCALE: 1 INCH = 40 CHAINS

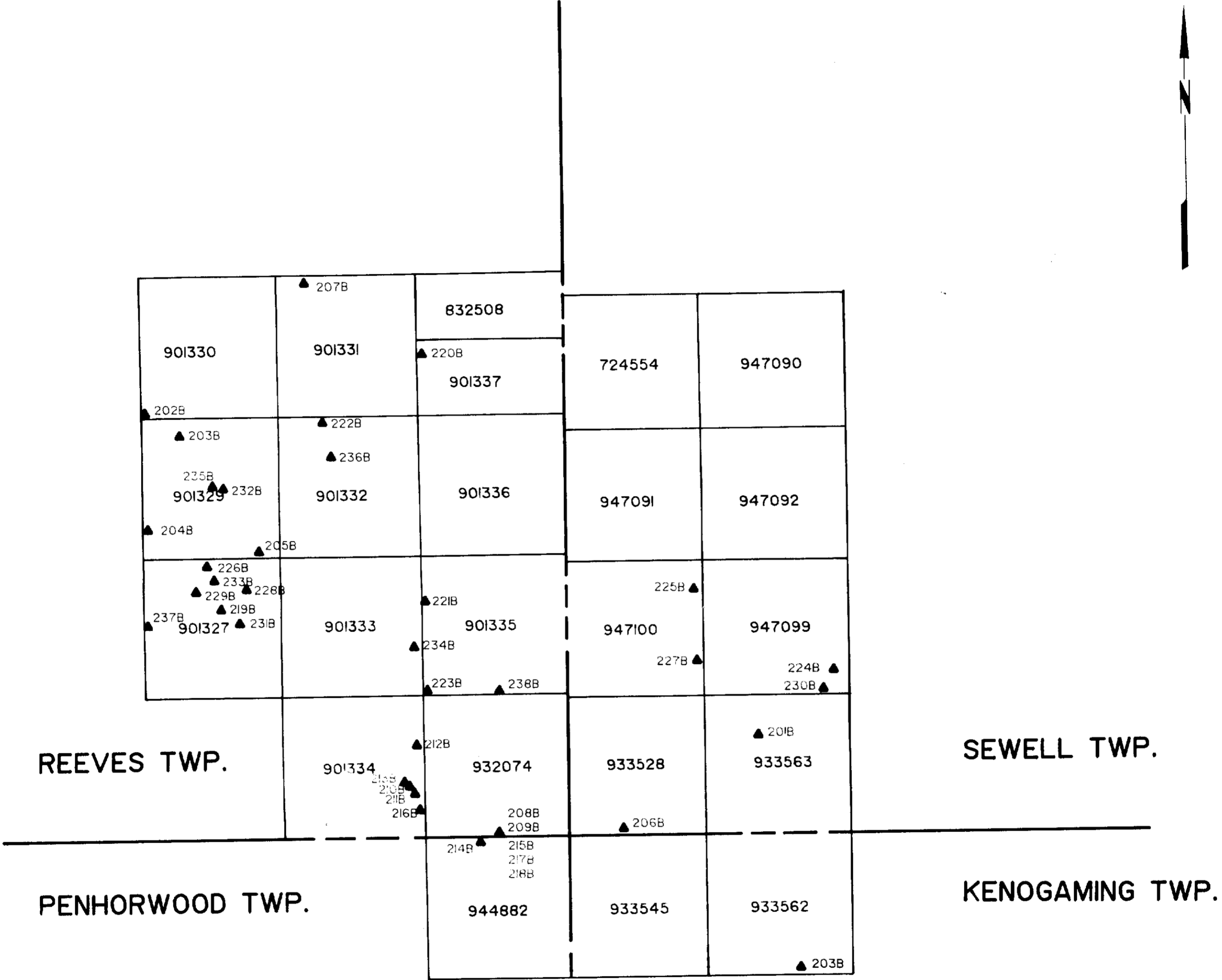


TOWNSHIP
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 M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
SUDBURY

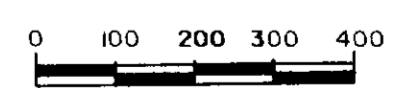
Ministry of Natural Resources
 Land Management Branch
 Ontario

Date MARCH, 1985
 Number G-3247





2.10291



Ron Bank

| | | | |
|-----------|--|-----------|--------------|
| REVISIONS | ROBERT S. MIDDLETON EXPLORATION SERVICES INC. | | |
| | for GOLDROCK RESOURCES INC./ GLEN AUDEN RESOURCES LTD. J.V. | | |
| | Title | | |
| | SAMPLE LOCATION MAP | | |
| | Fig 3 | | |
| | Date: July 97 | Scale: | N.T.S. |
| | Drawn: | Approved: | File: KI-201 |

