

LOCATION

The Cobalt and Gowganda areas are located in the Temiskaming district, Northern Ontario, some 75 miles north-northwest of North Bay (Fig. 2). North Bay is 180 miles north of Toronto, Ontario. The ore deposits found to date in these areas occur in South Lorrain township, Cobalt area, Casey township, Elk Lake area, Miller Lake area, Gowganda Lake area, and the Maple Mountain area near the Montreal River south of Elk Lake (Fig. 3). The locations of mines that produced silver ore during the period of 1904-1971 and of properties that were investigated by shaft sinking are given in Figure 4 for the Cobalt area, Figure 5 for South Lorrain township, and Figure 6 for Casey township. The locations of mines in the Miller Lake area are shown in Figures 44 and 207. Only small deposits have been found in the Gowganda Lake area, Elk Lake area, and Maple Mountain area. Their specific locations are not shown in this issue.

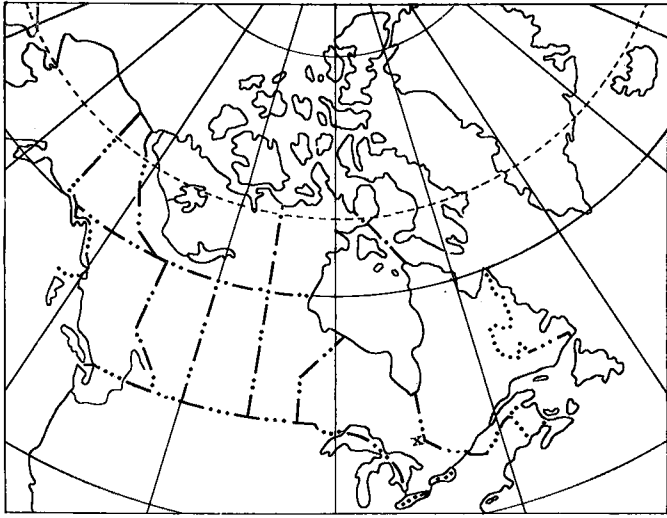


FIG. 2. Index Map.

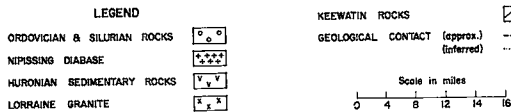
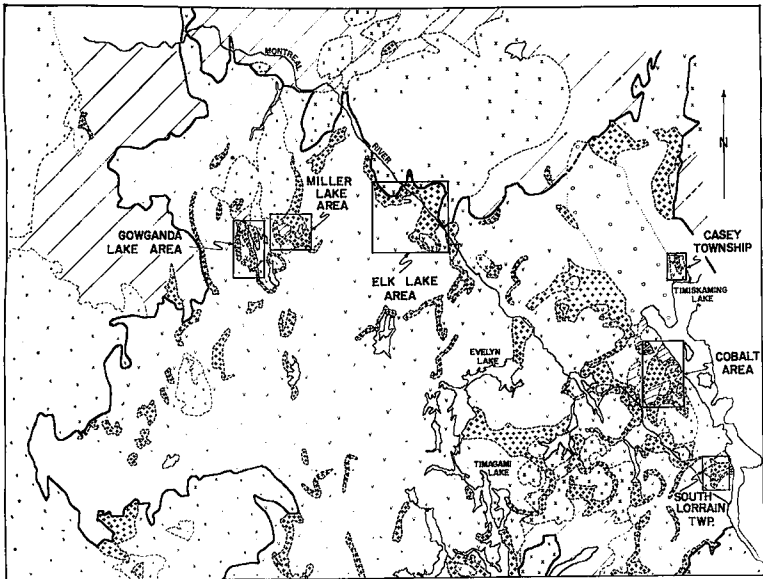
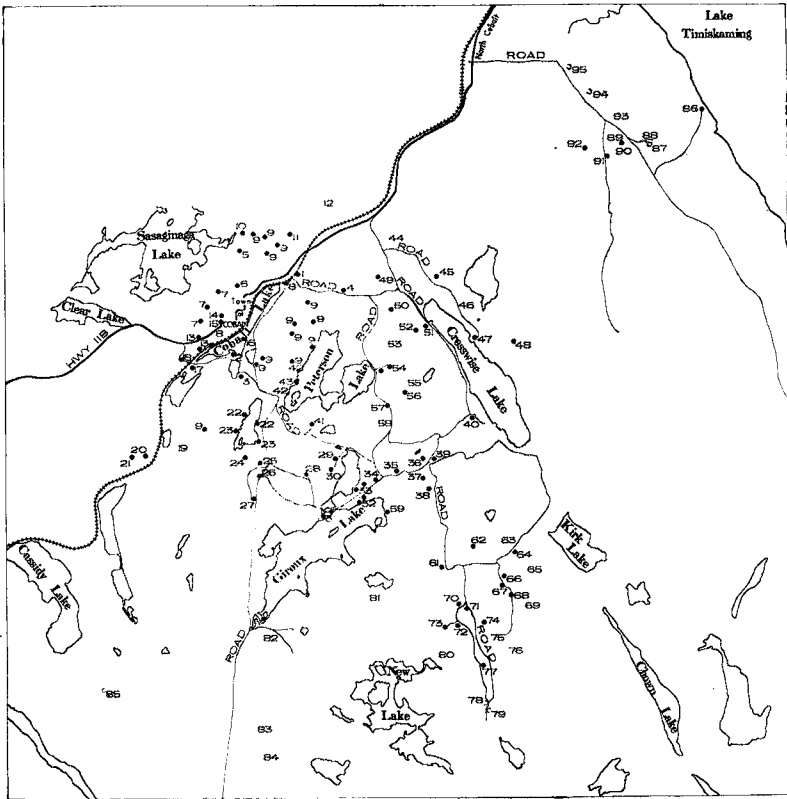


FIG. 3. Geological map of the Cobalt and Gowganda areas showing the locations of the ore-bearing areas. The diabase outcrop areas are indicated by a darker pattern, and the limits of the Huronian basin in this area are outlined by a heavy line.



- PRODUCER
○ PROSPECT
- SCALE IN FEET
0 2000 4000 6000 8000 10000
- | | | |
|---|---|----------------------------------|
| 1 LaROSE | 42 Peterson Lake | 83 Kirk Budd |
| 2 MCKINLEY-DARRAGH | 43 GLEN LAKE (TOWNSHIP)(COBALT LEASORS) | 84 Trathman |
| 3 LITTLE SILVER VEIN (NIPISSING) | 44 Mentor | 85 Newton |
| 4 O'BRIEN | 45 WHELEP | 86 AGNICO |
| 5 TRATHWAY | 46 Queen Alexandra | 87 ROSS |
| 6 CONIACAS | 47 DEER HORN (GROSS LAKE O'BRIEN) | 88 Cobalt Contact |
| 7 BUFFALO | 48 SMITH COBALT | 89 EDWARDS-WRIGHT (GREEN-MECHAN) |
| 8 RIGHT OF WAY | 49 VIOLET | 90 EDWARDS-WRIGHT (Red Rock) |
| 9 NIPISSING | 50 COLONIAL | 91 RUBY |
| 10 HUDSON BAY | 51 SILVER CLIFF (RIX ATHABASCA) | 92 HARRISON-HIBBERT |
| 11 CHAMBERS FERLAND (ALADDIN) | 52 KING EDWARD | 93 Hunter |
| 12 GENESEE | 53 Victoria | 94 North Cobalt |
| 13 TOWNSHIP | 54 NOVA SCOTIA | 95 Law |
| 14 NANCY HELEN | 55 Airgold | |
| 15 CITY OF COBALT | 56 FARAH | Producer = upper case letters |
| 16 COBALT LAKE | 57 JUNO | Prospect = lower case letters |
| 17 PRINGERS | 58 Michigan Cobalt | |
| 18 SILVER QUEEN | 59 CONSIL (SILVER MILLER) | |
| 19 York-O'Brien | | |
| 20 RED JACKET | 61 ROCHESTER | |
| 21 HAMILTON | 62 HADGER | |
| 22 SENECA SUPERIOR (AGNICO-CART LAKE) | 63 Shamrock | |
| 23 GOULD | 64 FISHER-EPLETT | |
| 24 PROVINCIAL | 65 Gifford Extension | |
| 25 SAVAGE (SILVER SUMMIT)(SILVERFIELD'S MILL) | 66 SAVAGE | |
| 26 Menslove (SILVER BAR)(SILVER SUMMIT) | 67 TEMISKAMING | |
| 27 WYANDOH | 68 COCHRANE | |
| 28 SILVERFIELDS (Alexandra shaft) | 69 Quaker City | |
| 29 PENN CANADIAN | 70 SILVER MILLER | |
| 30 BAILEY (GLEN LAKE) | 71 PAN SILVER | |
| 31 H-HO (UNIVERSITY SHAFT 3 and Cleopatra) | 72 CHRISTOPHER (AGNICO) | |
| 32 UNIVERSITY SHAFTS 1 and 2 | 73 COLUMBUS | |
| 33 COSTER (AGNICO MILL) | 74 COBALT LODGE (AGNICO) | |
| 34 LAWSON | 75 Duchess | |
| 35 SILVER LEAF | 76 Progress | |
| 36 CROWN RESERVE | 77 VICTORY (CONSOLIDATED SILVER BANNER) | |
| 37 NEAR LAKE | 78 Ophir | |
| 38 HARGRAVE | 79 Mayfair | |
| 39 DRUMMOND | 80 Ibsen Cobalt | |
| 40 MORGAN SILVER CROSS | 81 Oxford | |
| 41 AGNICO (NIPISSING 407 shaft) | 82 Professor | |

Fig. 4. Locations of mines that produced silver ore and of properties that were investigated by shaft sinking in the Cobalt area.

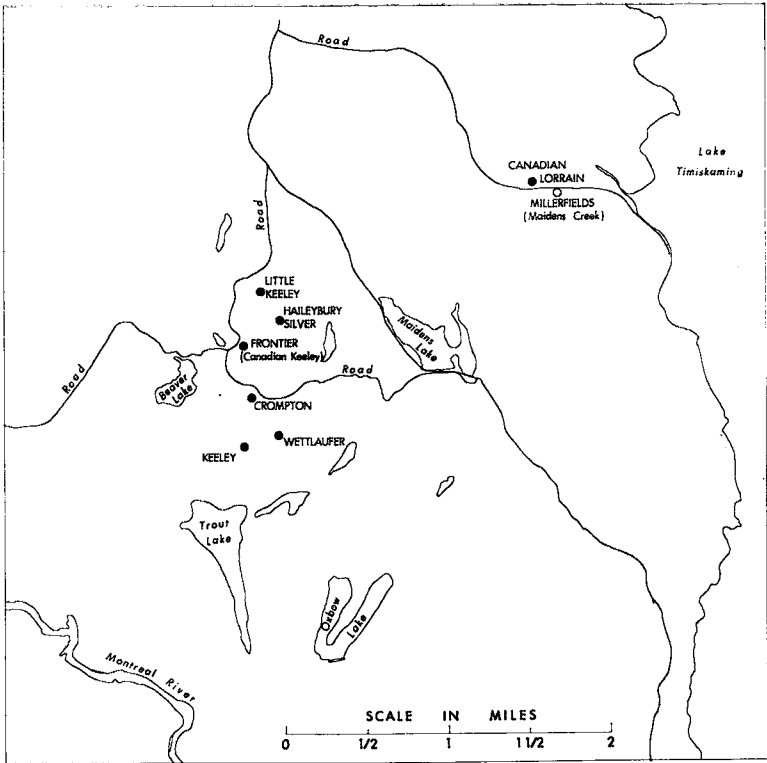


FIG. 5. Locations of mines that produced silver ore, and of prospects that were investigated by shaft sinking in South Lorrain township.

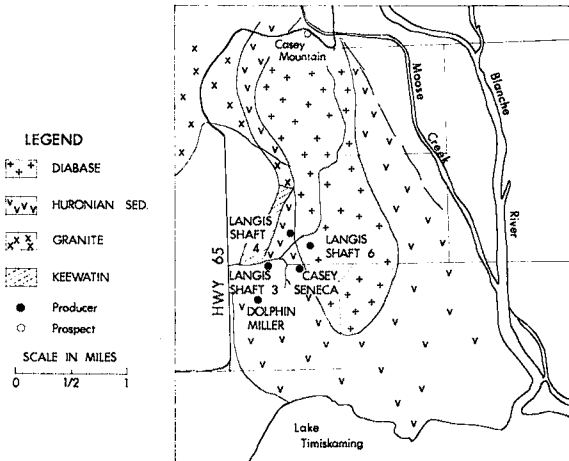


FIG. 6. Locations of mines that produced silver in Casey Township.