

Report on Exploratory Drilling

2.46610

Prospecting Claim Nos. 4212342 and 4212343

Glamorgan Township, Lot 34, Concession IV: Southern Ontario Mining Division

Exploratory Drilling Program Site Work: November 11-17, 2008

Work and Report by W.B. Harvey, P.Eng. LIC 1005967, Client No. 404383

Date of Report: January 4, 2011

INTRODUCTION

Claim #4212343, Lot 34, Concession 4, Glamorgan Township was staked on March 11th, 2007 along with the adjacent Claim #4212342 (Lot 33, Concession 4, Glamorgan Township, March 10th, 2007), and both recorded April 4, 2007.

An exploratory drilling program was carried out on Claim #4212343 from November 11 to November 17, 2008.

OVERVIEW

Claim #4212343 is located in the east-southeast quadrant of Glamorgan Township, near the Monmouth Township line, in Haliburton County, Ontario,

The claim can be reached from the intersection of County Roads 507 and 503 at Gooderham, travelling approximately 1.7 km east-northeast along Highway 503 to the intersection of McColl Road, and then following McColl Road south another 1.7 km to the road's end. The claim may be accessed from a footpath leading from the Quibell family residence southeast approximately 0.5 km.

The approximate centre of Claim #4212343 is UTM position Zone 17, 710352m E, 4975803m N. This claim is two 16 Ha units.

TOPOGRAPHY AND VEGETATION

Moderate ridges and ravines undulate throughout the claim with measured elevations from approximately 380 m, sloping down to approximately 350 m to the east with a valley running north along Laronde Creek which intersects Claim #4212343 at its centre-south and mid-east lot lines.

The vegetation is pine, spruce, oak and maple trees interspersed with grasses, sumac and other berry bushes and alders.

BEDROCK GEOLOGY

Based on surficial investigations completed prior to the commencement of the exploratory drilling, observed rock samples and specimens obtained for assay indicate presence of apatite, biotite, carbonate, feldspar, hornblende some of which may have been deposited by glacial drift.

Observed outcrops of crystalline limestone, biotite syenite, and nepheline pegmatite with blebs of brown-weathered carbonate and lesser amounts of biotite were noted. Secondary minerals present are orange cancrinite and hydronephelite.

DRILLING PROGRAM DETAILS

The following provides details of the drilling exploratory program:

Contractor: Eastern Ontario Diamond Drilling Ltd.

Site Mobilization: November 11, 2008

Demobilization: November 17, 2008

Program Duration: 6 days

Number of Holes: 6

Angle of Drill Holes: 90°

Total Length of Hole/Core Samples: ranging 12-to-15 metres; total core length drilled was 78.3m (refer to Vertical Borehole Sections, attached)

Disposition of Core Samples: MNDM Southern Ontario Division Office (Tweed)

MNDM Representatives Receiving Core Samples:

- Pam Sangster: Regional Resident Geologist, (613) 478-5238
- Peter LeBaron: District Geologist, (613) 478-2195
- Debbie Laidlaw: Regional Land Use Geologist, (613) 478-3161

Work Supervised By:

- Robert Guillet, P.Eng: 1121 Armour Rd, Peterborough, ON K9H 7N8, (705) 743-5877
- W.H. Wareham: 55 Grenview Blvd N, Toronto, ON M8X 2K3, (416) 233-9706
- W. B. Harvey, P. Eng: 3 Golf Crest Road, Toronto, ON M9A 1K9, (416) 231-5570

- References:
1. Mineral Occurrences in the Haliburton Area, Ontario Department of Mines, (J. Satterly, 1943)
 2. Report on Assessment Work, Prospecting Claims Nos. 4212342 and 4212343, Glamorgan Township, Lots 33 and 34, Concession IV: Southern Ontario Mining Division, December 1, 2007 – November 3, 2008, Work and Report by W.B. Harvey, P.Eng. LIC 1005967, Client No. 404383
 3. MNDM Inspection Report MIL 13/09

SITING AND SELECTION OF BOREHOLE LOCATIONS

The six borehole locations drilled were selected based on previous surficial investigations completed prior to the commencement of the exploratory drilling, observed rock samples and specimens obtained for assay (References #1 and #2).

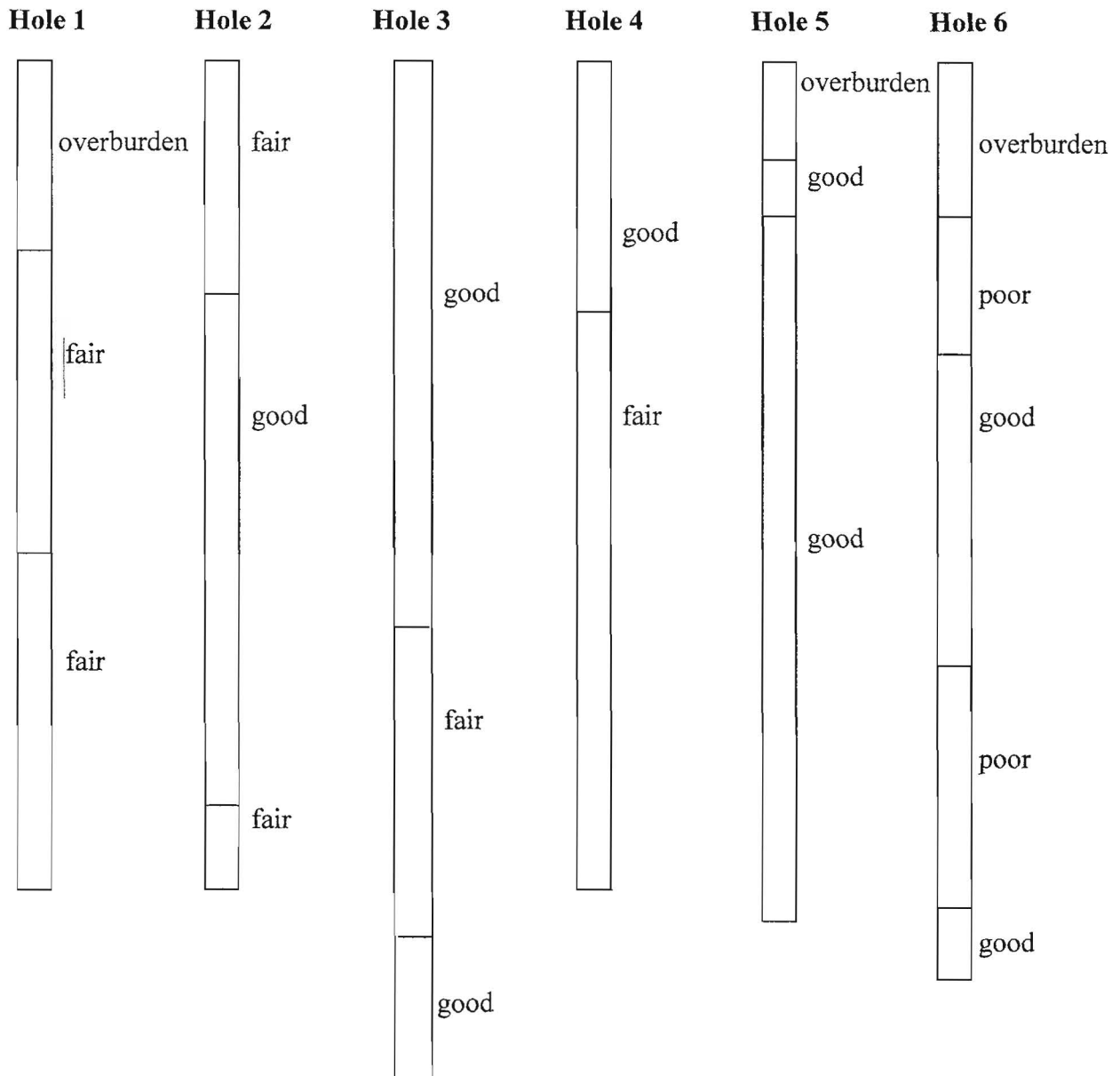
VERTICAL BOREHOLE SECTIONS

Prospecting Claim No. 4212343

Glamorgan Township, Lot 34, Concession IV: Southern Ontario Mining Division

NORTH

SOUTH



- Reference Figure 1, "Claims 4212342 and 4212343 Borehole Plot, November 2008"
- Visual appearance scaled good-fair-poor in terms of whiteness and low content of dark minerals.
- Vertical scale: 1 cm = 1.0 m
- Holes logged and drafted by Robert Guillet, P. Eng. June 13, 2009.

Robert Guillet

DRILL HOLE LOGS

Prospecting Claim No. 4212343

Glamorgan Township, Lot 34, Concession IV: Southern Ontario Mining Division

Completed by Robert Guillet, June 13, 2009

Bore Hole 1:

15 feet (4.6m) of casing at the top of the hole

0-to-8ft (2.4m) broken rock and overburden

8-to-23ft (6.9m) grey-pink pegmatitic nepheline syenite with 30% dark minerals

23-to-40ft (12.2m) uniform nepheline syenite with 30% dark minerals

40ft (12.2m) end of hole

Two 3-inch (7.6cm) pieces taken at 15ft (4.6m), 30ft (8.6m) for a special composite sample

Bore Hole 2:

Collared in bedrock on rock outcrop

0-to-10ft (3.04m) nepheline syenite; rust coloured and weathered

10-to-34ft (10.4m) grey-white pegmatitic nepheline syenite; less than 10% dark minerals

34-to-40ft (12.2m) as above, with 30% dark minerals

40ft (12.2m) end of hole

Two 3-inch (7.6cm) pieces taken at 3ft (0.9m), 21ft (6.4m) for a special composite sample

Bore Hole 3:

10 feet (3.0m) of casing at the top of the hole

0-to-26ft (7.9m) very coarse (pegmatitic) nepheline syenite, 25% dark minerals

26-to-40ft (12.2m) coarse grained grey-white nepheline syenite, 30% dark minerals

40-to-50ft (15.2m) grey coarse grained nepheline syenite, 10% dark minerals

50ft (15.2m) end of hole

Two 3-inch pieces taken from 23ft (6.9m) and 40ft (12.2m) for a special composite sample

Bore Hole 4:

2 ft (0.6m) of casing at the top of the hole

0-to-12ft (3.6m) mottled grey/white coarse grained nepheline syenite; few dark minerals

12-to-40ft(12.2m) coarse grained grey-white nepheline syenite with 40% dark minerals

40ft (12.2m) end of hole

Two 3-inch pieces taken from 12ft (3.6m) and 30ft (0.9m) for sample

Bore Hole 5:

5 ft (1.5m) of overburden

0-to-8ft (2.4m) coarse grained grey/white nepheline syenite with 30% dark minerals; foliation is at 80 degrees to core axis

8-to-42ft (12.8 m) grey/white coarse grained rock with slightly pink nepheline; 30% nepheline and 10% dark minerals

42ft (12.8m) end of hole

Two 3-inch pieces taken from 26ft (7.9m) and 40ft (12.2m) for special sample

Bore Hole 6:

10 ft (3.0m) of casing in 7ft (2.1m) of overburden

0-to-13ft Mixed section; poor

13-to-28ft (8.5m) coarse-grained pink/white nepheline syenite with 10% dark minerals

28-to-40ft (12.2m) grey nepheline gneiss with 50% dark minerals

40-to-45ft uniform pink nepheline syenite with less than 5% dark minerals

45ft (13.7) end of hole

Note: Holes logged on June 13, 2009, by Robert Guillet, P. Eng.



