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# Report on Diamond Drilling - 6398651 Canada Inc. 

Claim 4271111
Canfield Twp. - Porcupine Mining Division

Brian K. Polk

July 01, 2015

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 Claim 4271111Canfied Twp.
Exploration Permit PR-13-10399
September 2014

Between the dates of March 19, 2014 and March 28, 2014 including mobilization and demobilization, 1 vertical NQ drill-hole, 291 meters long (CA-14-01) was drilled on claim 4271111 in Canfield Twp., Porcupine Mining Division. Deep overburden was encountered and forecast Jurassic aged kimberlite was not intersected. The hole was continued until 291 meters in hopes of piercing through the Paleozoic limestone sediment and explaining the underlying magnetic anomaly but, was abandoned at 291 m . By the terms of the permit (permit PR-13-10399), the casing was pulled.

The property can be considered remote, located at 468519E and 5635011N in Canfield Twp., Porcupine Mining Division, within the lowlands region of Northern Ontario. The frill (NPLH drilling of Timmins, ON) was brought to Moose River Crossing on the ONR rail line and slung approximately 12 km from a flat car to the site utilizing an A-Star B3 helicopter (Expedition Helicopters of Cochrane ON). A day shift and a night shift of 3 and 2 men, respectively, were lodged in Moosonee, ON at the MTL (Moosonee Transport Limited) bunkhouse and travelled to and from the site daily via helicopter. Moose Cree representative Darnell Turner travelled in the helicopter daily to monitor the work and take periodic water samples. The remaining helicopter seats were filled by either of A. Blaquiere (NPLH owner), K. Cool or B. Polk depending upon necessity. Some ground support was available by truck transport to near Moose River Crossing along a temporary winter road maintained by Ontario Hydro for this year only. A cut out 59 kilometers from Moosonee at 485474E and 5637754N provided room for a helicopter landing. Map 1 shows the location of the property in a regional sense. Map 2 shows the drill hole location relative to the claim boundaries of claim 4271111 in northwestern Canfield Twp.

6398651 Canada Inc. was represented by K. Cool and B. Polk both of Timmins On. The core was logged between Sept. 10 and Sept. $18^{\text {th }}$ of 2014 by B Polk and is stored at his residence at $1660-\mathrm{C}$ Airport Road, Timmins, On., P4N 7C3. The report was penned by Mr. Polk on Sept 18, 2014. The NPLH drill foremen on the job were A. Blaquiere, owner of NPLH drilling and Stephan Cote, foreman, both of Timmins Ontario.

The claim in Canfield Twp. , along with 20 other claims in the area (Birdsall Twp. ( 3 claims), Brain Twp. ( 2 claims), Canfield Twp. ( 3 claims), Dyer Twp. (1 claim), Gentles Twp. (2 claims), Hogg Twp. (1 claim), McCuaig Twp. (3 claims), Morrow (1 claim), and Sanderson Twp. (4 claims)) are the result of anomaly staking after an 8,450.8 line kilometer, 200 meter line spaced airborne magnetometer survey in the area. Flying was done by Peter Moore (late) through his company, Oracle Geosciences International,
between the dates of June 28 to July 22, including mobilization and demobilization to and from Moosonee. Processing was completed by Marc Pelletier P. Geo, of Nutana Geophysics of Saskatoon, Saskatchewan. The airborne survey will be filed for assessment at a later date. Staking took place between June 06 and July 13, 2014. During the drilling, a short flagged " X " grid was put over the site, centered about the drill hole to about 200 meters in the 4 primary directions and a ground magnetometer survey was performed in order to ascertain the anomaly boundaries with regards to the drill hole. K. Cool of Timmins performed the survey on the dates of March 21 and March 22, 2014. The survey will be filed for assessment at a later date.
The drill hole was collared at UTM 5635011 N and 468519 E with a dip of - 90 degrees and no azimuth. 76 meters of variable clay, sand, and course sand with occasional boulders overburden was encountered and the waterline was frozen at least twice during the casing, at great expense. Although Jurassic kimberlite was predicted just below the overburden, no such rock was intersected. The NQ hole was continued into Paleozoic aged limestones and mudstones to a depth of 291 meters (see attached drill log).
Between 193.2 and 225.1 meters, variably dirty gypsum and anhydrite was encountered. Often the material is very pure. This unit is believed to be the same gypsum encountered at both Moose River crossing and at the Cheepash River and the information could be valuable for predicting the occurrence of the formation throughout the region or forecasting volumes of the same. As well, within the more pure units of gypsum, a distinctive blue mottling was encountered (204-205.8m and 207.6-208.8m). Quite possibly a variety of gypsum or contaminated gypsum, the genesis of the rock is unknown. The MNDM visited the site via helicopter on Wednesday March $26^{\text {th }}$ to ascertain compliance information.
No kimberlite was intersected with the drill hole and the rig was demobilized on the $27^{\text {th }}$ and $28^{\text {th }}$ of March, 2014. The casing was pulled and the hole was cemented in accordance with the Permit (PR-13-10399). The drill hole will be filed for assessment credit with the MND\&M at a later date.

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