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ASX Announcement

ASX: MMB

## FURTHER EXCELLENT DRILLING RESULTS FROM THUNDER BAY NORTH

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### KEY POINTS

- High-grade grade drilling results from Current Lake include:
  - TBND104: 50.00m @ 5.75g/t Pt+Pd, 0.66% Cu & 0.36% Ni,  
*including 13.45m @ 9.82g/t Pt+Pd, 1.03% Cu & 0.53% Ni*
  - TBND107: 20.40m @ 7.61g/t Pt+Pd, 0.80% Cu & 0.36% Ni,  
*including 9.25m @ 10.93g/t Pt+Pd, 1.05% Cu & 0.43% Ni.*
- Reconnaissance drilling is in progress to test regional magnetic anomalies interpreted to reflect potentially mineralized intrusive complexes.

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A 30,000m resource definition diamond drilling program is in progress over a 3km strike length in the north-western part of the Current Lake Intrusive Complex in the Thunder Bay North project in Ontario (Figures 1 and 2). Further results have been received for a number of drill-holes completed in the Current Lake and Beaver Lake areas (Figures 3, 4 and 5); these include:

**Current Lake:** TBND100: 30.40m @ 2.38g/t Pt+Pd, 0.31% Cu & 0.19% Ni from 27.90m,  
*including 3.15m @ 5.69g/t Pt+Pd, 1.02% Cu & 0.27% Ni,*  
*including 0.50m @ 17.21g/t Pt+Pd, 3.69% Cu & 0.74% Ni.*

TBND104: 50.00m @ 5.75g/t Pt+Pd, 0.66% Cu & 0.36% Ni from 39.50m,  
*including 13.45m @ 9.82g/t Pt+Pd, 1.03% Cu & 0.53% Ni,*  
*including 7.15m @ 11.85g/t Pt+Pd, 1.27% Cu & 0.65% Ni.*

TBND105: 28.55m @ 2.45g/t Pt+Pd, 0.31% Cu & 0.22% Ni from 56.25m,  
*including 7.00m @ 3.86g/t Pt+Pd, 0.45% Cu & 0.27% Ni,*  
*and 11.50m @ 3.05g/t Pt+Pd, 0.42% Cu & 0.26% Ni.*

TBND107: 20.40m @ 7.61g/t Pt+Pd, 0.80% Cu & 0.36% Ni from 34.00m,  
*including 9.25m @ 10.93g/t Pt+Pd, 1.05% Cu & 0.43% Ni.*

TBND116: 47.00m @ 2.38g/t Pt+Pd, 0.27% Cu & 0.21% Ni from 14.00m,  
*including 28.00m @ 3.19g/t Pt+Pd, 0.35% Cu & 0.23% Ni,*  
*including 3.85m @ 10.76g/t Pt+Pd, 1.07% Cu & 0.47% Ni.*

**Beaver Lake:** BL08-67: 15.30m @ 3.35g/t Pt+Pd, 0.45% Cu & 0.27% Ni from 355.00m,  
including 5.10m @ 5.84g/t Pt+Pd, 0.81% Cu & 0.45% Ni,  
including 0.30m @ 14.70g/t Pt+Pd, 1.54% Cu & 0.33% Ni.

Drill-hole information and assay results are shown in Tables 1 and 2.

The Current Lake drilling results are from the southern part of the lake and confirm the continuity of thick relatively high-grade zones of mineralization in this area (Figure 3). Several of these drill-holes are on one section (5402950mN) which is illustrated in Figure 4.

The barge drill has now been de-mobilized for winter. Drilling will re-commence at Current Lake once the lake-ice is thick enough to support a drill-rig which is anticipated to be around mid-January. The drill-hole spacing in this area has been reduced to 50m x 10m to provide better definition of the mineralized body. It is anticipated that drilling on this spacing along the 1.8km-long Current Lake segment of the intrusive complex will be completed by mid-March.

Drilling is continuing at Beaver Lake where the focus is currently on defining a high-grade zone of mineralization associated with a depression in the basal contact of the peridotite. The result reported here is from this zone (Figure 5). The high-grade zone has now been defined by drilling over a strike-length of approximately 1km and is open to the east and west.

A program of reconnaissance drilling has commenced to test several regional magnetic anomalies interpreted to reflect large potentially mineralized intrusive complexes (Figure 2). Targets include the south-eastern part of the Current Lake Intrusive Complex and the Steepledge Lake and Lone Island Lake Intrusive Complexes. This drilling will provide an indication of the potential scale of the mineralized system at Thunder Bay North. In addition, it is planned to drill two holes into an intense circular magnetic anomaly, about 1,500m in diameter, at Sunday Lake, approximately 25km west-south-west of Current Lake. The reconnaissance drilling program is anticipated to be completed by end-December.



**Keith Watkins**  
**Managing Director**  
**Magma Metals Limited**

*The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled by Dr Keith Watkins, the Managing Director of Magma Metals Ltd, who is a Fellow of the Australian Institute of Geoscientists and a Member of the Australasian Institute of Mining and Metallurgy. Dr Watkins has sufficient experience, which is relevant to the style of mineralization and type of deposit under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr Watkins consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.*

**Table 1. Drill Hole Collar and Depth Information**

Drill Hole	Easting (m)	Northing (m)	Azimuth (Deg)	Dip (Deg)	Depth (m)
<b>TBND66B</b>	357471	5403102	0	-90	84
<b>TBND100</b>	357440	5402900	0	-90	99
<b>TBND104</b>	357520	5402950	0	-90	104
<b>TBND105</b>	357510	5402950	0	-90	99
<b>TBND106</b>	357500	5402950	0	-90	96
<b>TBND107</b>	357530	5402950	0	-90	105
<b>TBND116</b>	357450	5403115	0	-90	81
<b>BL08-67</b>	358600	5402315	180	-78	417

**Table 2. Significant Assay Results**

Drill Hole	From (m)	To (m)	Length (m)	Pt (g/t)	Pd (g/t)	Pt+Pd (g/t)	Au (g/t)	Ag (g/t)	Cu (%)	Ni (%)	Pt+Pd Cut-Off (g/t)
<b>TBND66B</b>	40.00	63.30	23.30	0.70	0.64	1.34	0.05	1.41	0.19	0.20	0.5
including	41.00	52.00	11.00	0.99	0.92	1.91	0.07	1.89	0.26	0.21	1.0
<b>TBND100</b>	27.90	58.30	30.40	1.20	1.18	2.38	0.07	1.74	0.31	0.19	1.0
	81.45	84.60	<b>3.15</b>	<b>2.73</b>	<b>2.96</b>	<b>5.69</b>	<b>0.30</b>	<b>6.02</b>	<b>1.02</b>	<b>0.27</b>	0.5
including	82.35	82.85	<b>0.50</b>	<b>7.21</b>	<b>10.00</b>	<b>17.21</b>	<b>0.89</b>	<b>12.8</b>	<b>3.69</b>	<b>0.74</b>	10.0
<b>TBND104</b>	39.50	89.50	<b>50.00</b>	<b>3.00</b>	<b>2.75</b>	<b>5.75</b>	<b>0.17</b>	<b>4.13</b>	<b>0.66</b>	<b>0.36</b>	1.0
including	56.50	69.95	<b>13.45</b>	<b>5.14</b>	<b>4.68</b>	<b>9.82</b>	<b>0.29</b>	<b>6.56</b>	<b>1.03</b>	<b>0.53</b>	5.0
including	61.80	68.95	<b>7.15</b>	<b>6.20</b>	<b>5.65</b>	<b>11.85</b>	<b>0.34</b>	<b>7.90</b>	<b>1.27</b>	<b>0.65</b>	10.0
<b>TBND105</b>	56.25	84.80	28.55	1.29	1.16	2.45	0.09	1.81	0.31	0.22	0.5
including	63.00	70.00	<b>7.00</b>	<b>2.08</b>	<b>1.78</b>	<b>3.86</b>	<b>0.15</b>	<b>2.24</b>	<b>0.45</b>	<b>0.27</b>	1.0
and	73.30	84.80	<b>11.50</b>	<b>1.58</b>	<b>1.47</b>	<b>3.05</b>	<b>0.11</b>	<b>3.07</b>	<b>0.42</b>	<b>0.26</b>	1.0
<b>TBND106</b>	19.90	22.90	3.00	0.85	0.84	1.69	0.05	1.42	0.25	0.15	1.0
<b>TBND107</b>	34.00	54.40	<b>20.40</b>	<b>3.91</b>	<b>3.70</b>	<b>7.61</b>	<b>0.22</b>	<b>4.64</b>	<b>0.80</b>	<b>0.36</b>	1.0
including	43.15	52.40	<b>9.25</b>	<b>5.69</b>	<b>5.24</b>	<b>10.93</b>	<b>0.33</b>	<b>6.57</b>	<b>1.05</b>	<b>0.43</b>	5.0
	80.00	86.57	6.57	1.01	1.02	2.03	0.07	0.96	0.30	0.21	1.0
<b>TBND116</b>	14.00	61.00	47.00	1.23	1.15	2.38	0.08	1.36	0.27	0.21	0.5
including	14.00	42.00	<b>28.00</b>	<b>1.65</b>	<b>1.54</b>	<b>3.19</b>	<b>0.10</b>	<b>1.89</b>	<b>0.35</b>	<b>0.23</b>	1.0
including	27.00	30.85	<b>3.85</b>	<b>5.62</b>	<b>5.14</b>	<b>10.76</b>	<b>0.34</b>	<b>7.73</b>	<b>1.07</b>	<b>0.47</b>	5.0
<b>BL08-67</b>	355.00	370.30	<b>15.30</b>	<b>1.70</b>	<b>1.65</b>	<b>3.35</b>	<b>0.11</b>	<b>2.72</b>	<b>0.45</b>	<b>0.27</b>	1.0
including	360.00	365.10	<b>5.10</b>	<b>3.08</b>	<b>2.76</b>	<b>5.84</b>	<b>0.19</b>	<b>4.83</b>	<b>0.81</b>	<b>0.45</b>	5.0
including	370.00	370.30	<b>0.30</b>	<b>4.35</b>	<b>10.35</b>	<b>14.70</b>	<b>0.50</b>	<b>14.8</b>	<b>1.54</b>	<b>0.33</b>	10.0

Results are reported for intercepts >0.5g/t Pt+Pd at the lower cut-off grades shown in the right hand column; these may include internal intervals up to 3m below the cut-off grade

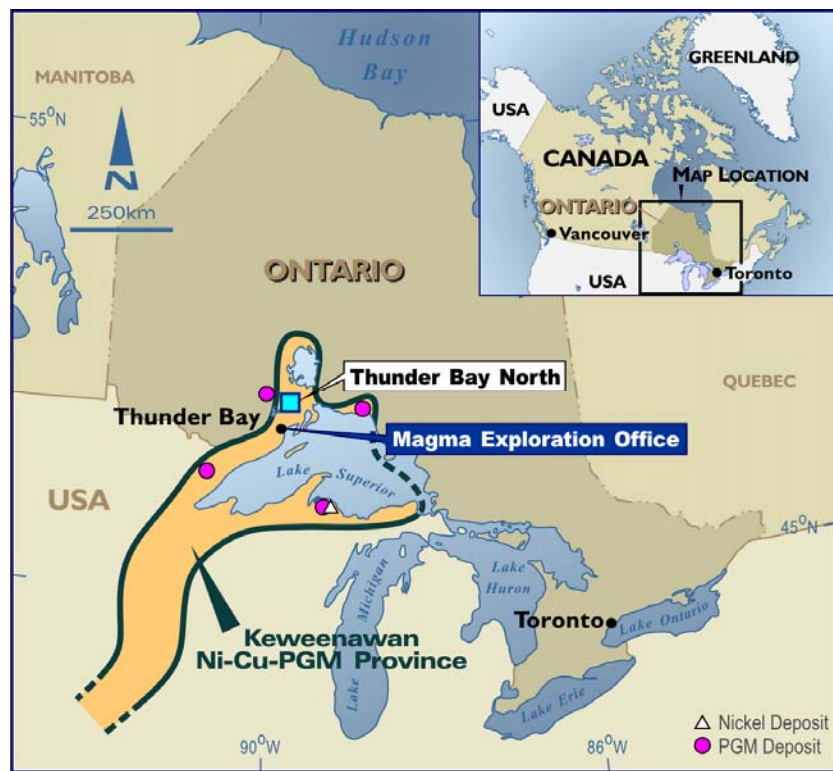


Figure 1. Project Location

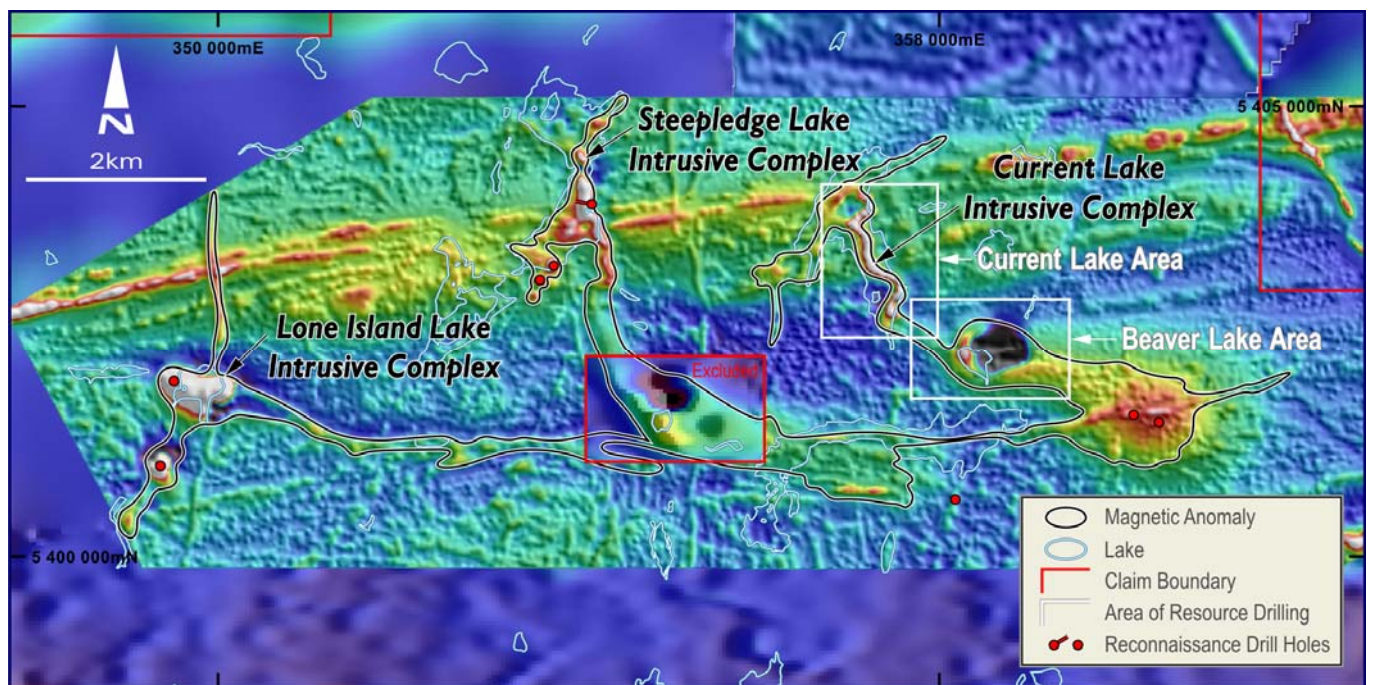


Figure 2. Aeromagnetic Image Showing Intrusive Complexes in the Thunder Bay North Project



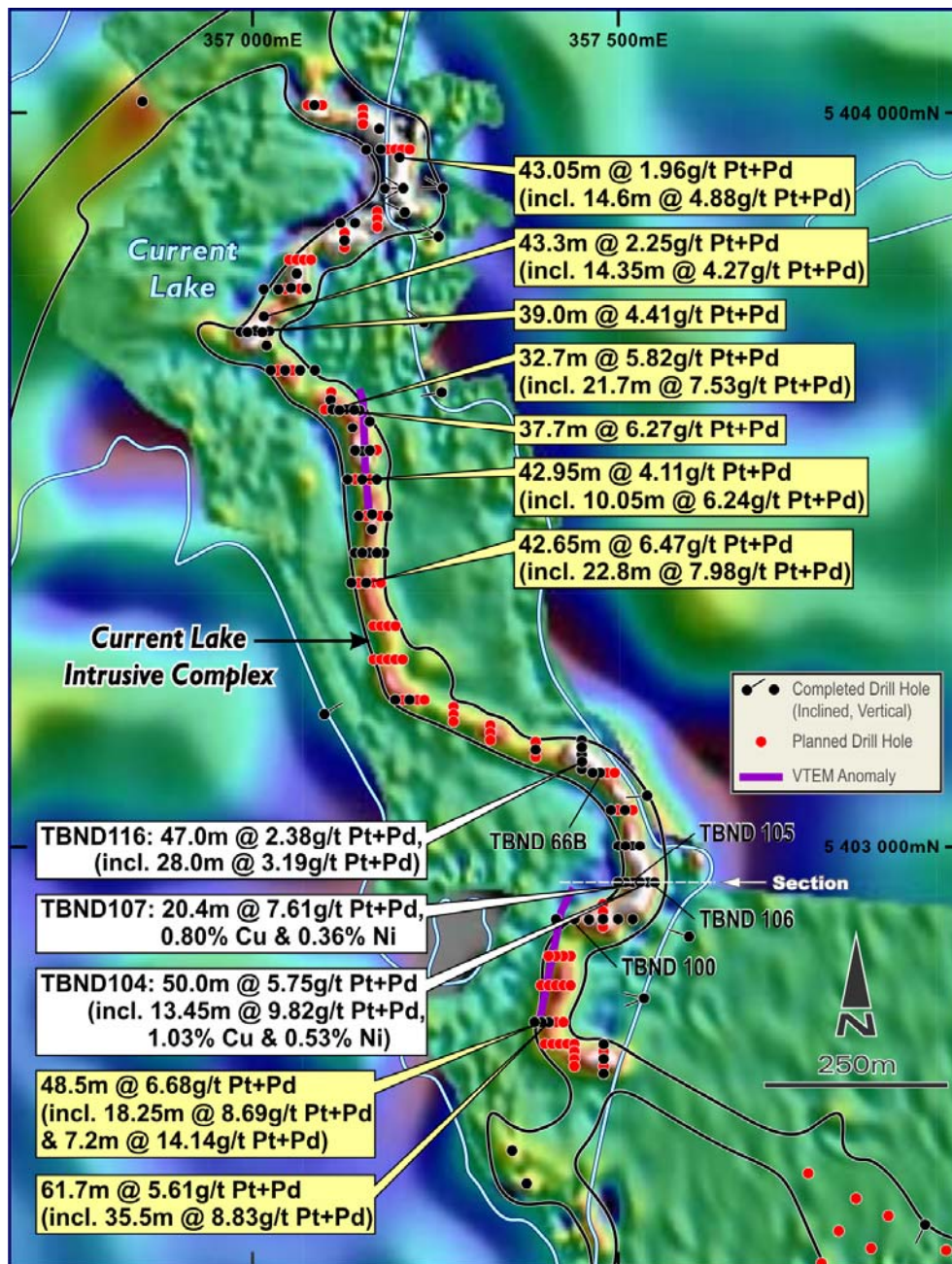


Figure 3. Current Lake Area: Magnetics and Drilling

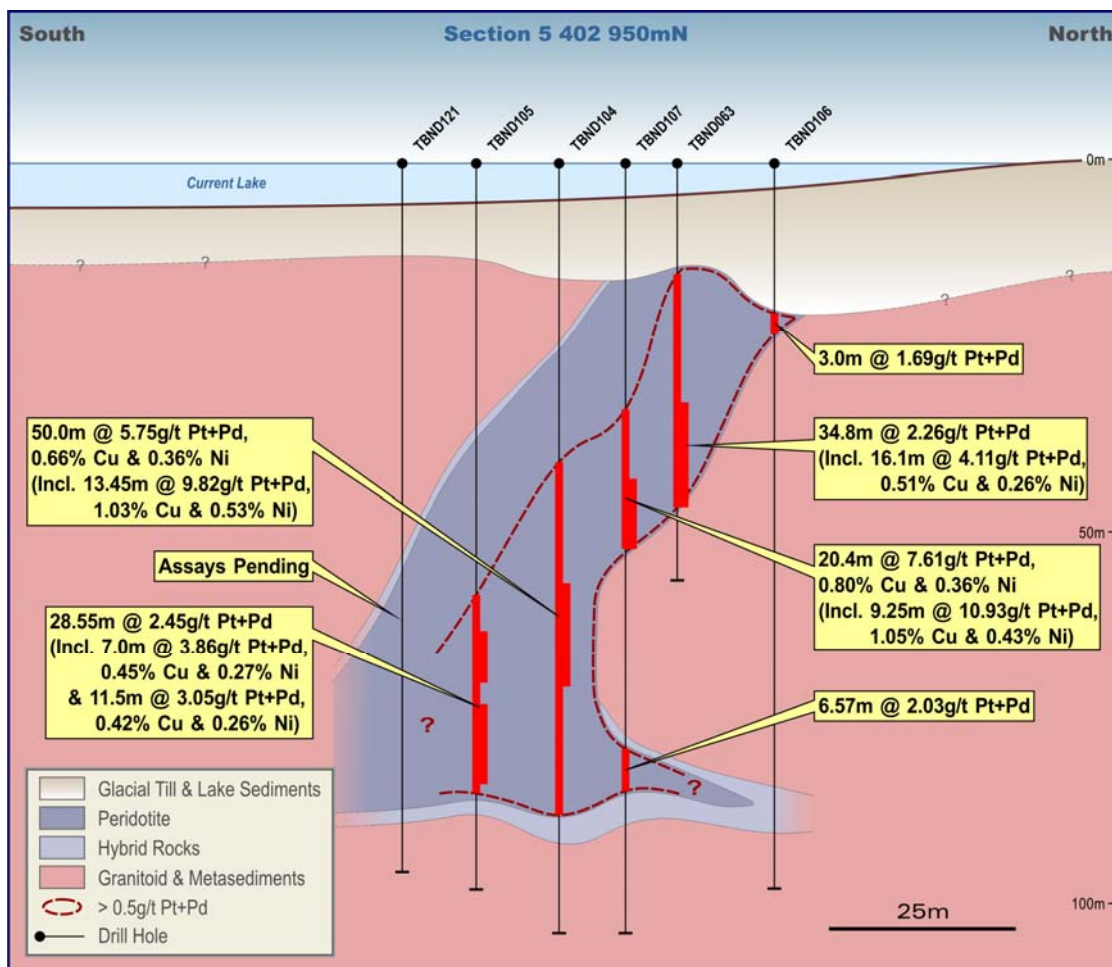


Figure 4. Current Lake Area: Cross-Section 5402950mN

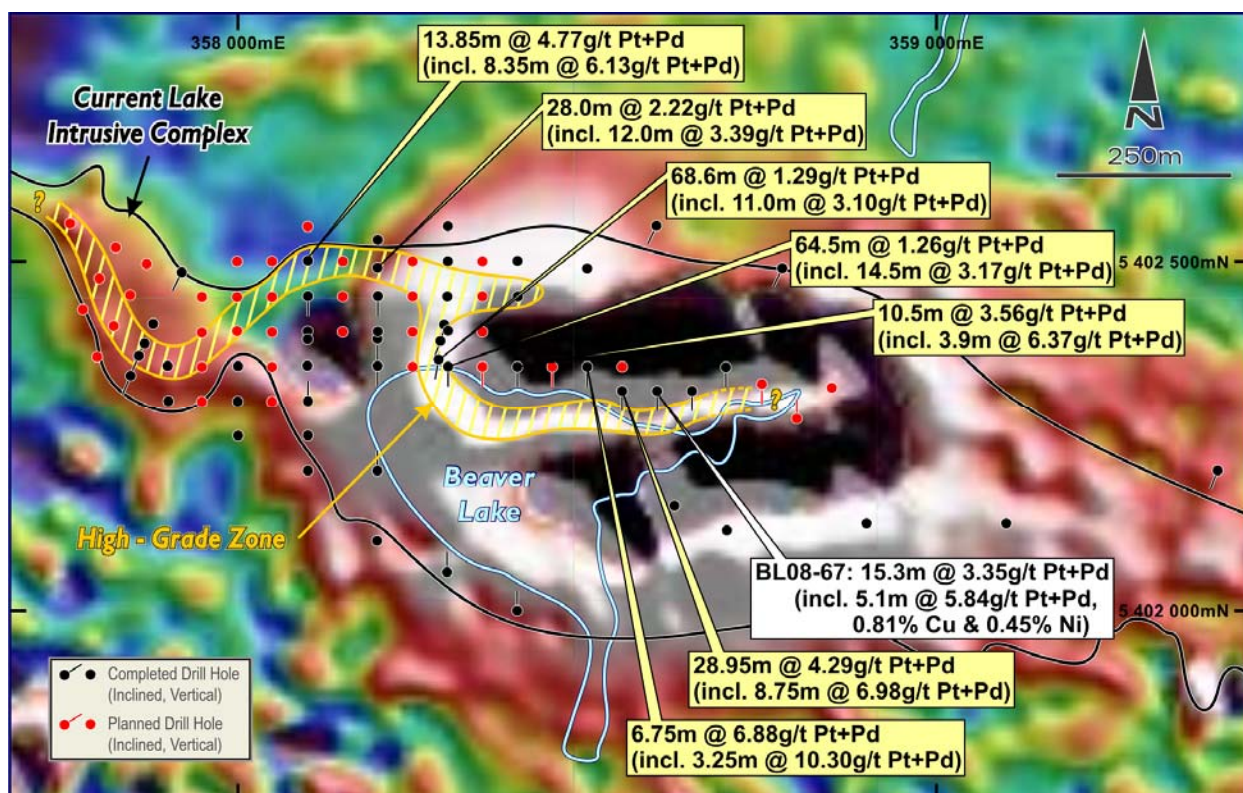


Figure 5. Beaver Lake Area: Magnetics and Drilling