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## DRILLING RESULTS CONFIRM CONTINUOUS 3.4KM LONG MINERALIZED ZONE AT THUNDER BAY NORTH

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### KEY POINTS

- Drilling results from a previously untested 500m-long gap (the “Bridge Zone”) between the Current Lake and Beaver Lake mineralized areas confirm that this area is also mineralized. The three areas can now be linked forming a continuous zone of mineralization 3.4km long.
- Recent assay results from the eastern part of the Bridge Zone include the following excellent intersections:
  - BL09-86: 14.85m @ 5.56g/t Pt+Pd, 0.64% Cu & 0.28% Ni from 163m
  - BL09-89: 5.98m @ 17.13g/t Pt+Pd, 2.55% Cu & 1.29% Ni from 157.25m
- An initial drilling program has been designed for Steepledge Lake which is planned to commence this (Canadian) summer.

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### Bridge Zone Drilling

An approximately 31,000m resource definition drilling campaign is in progress at the Thunder Bay North project in Ontario, Canada, in the north-western half of the Current Lake Intrusive Complex, a 5km long mafic-ultramafic magma conduit (Figures 1 and 2). As part of this campaign, drilling in a 500m-long zone (the “Bridge Zone”) between the Current Lake and Beaver Lake mineralized zones is in progress (Figure 3).

Assay results have been received for the first 10 drill-holes from this program which are mainly from the eastern part of the Bridge Zone. These included the following excellent intersections:

**BL09-86: 14.85m @ 5.56g/t Pt+Pd, 0.64% Cu & 0.28% Ni from 163.00m,  
including 4.00m @ 7.32g/t Pt+Pd, 0.75% Cu & 0.31% Ni,  
and 4.00m @ 7.04g/t Pt+Pd, 0.88% Cu & 0.41% Ni.**

**BL09-89: 5.98m @ 17.13g/t Pt+Pd, 2.55% Cu & 1.29% Ni from 157.25m, including 3.98m @ 23.80g/t Pt+Pd, 3.52% Cu & 1.74% Ni, including 0.81m @ 42.60g/t Pt+Pd, 6.60% Cu & 3.18% Ni.**

The 0.81m wide interval with exceptionally high grades in drill-hole BL09-89 is a massive sulphide zone at the basal contact of the intrusion. Down-hole geophysical surveys and close-spaced infill drilling will be conducted around this drill-hole to map the extent of the high-grade zone.

Drill-hole information and assay results are shown in Tables 1 and 2. Results from the five remaining drill-holes from the northern part of Current Lake were also received and significant results from these are also listed in the tables. For most intercepts from both areas, Pt and Pd have a ratio of approximately 1:1.

The first-pass 100m x 50m spaced drilling within the 500m-long Bridge Zone has been completed and assay results from the eastern part of the zone (reported here) together with visual sulphides logged in drilling in the western part of the zone indicate that the mineralization at Current Lake and Beaver Lake are linked across the Bridge Zone to form a continuous zone of mineralization approximately 3.4km long.

The magma conduit in the Bridge Zone changes shape and depth from a large flattened tube approximately 150m deep in the eastern part of the zone to a narrower tube 70m deep 500m to the west near Current Lake. Infill-drilling is now in progress to better define the mineralization in the conduit. This will initially be conducted on a 100m x 20-25m pattern (Figure 3) and should be completed by the end of the June quarter.

Once this drilling is completed, a resource estimate will be undertaken for the entire 3.4km strike length of the mineralization defined so far in the Current Lake Intrusive Complex. This should be completed during the September quarter.

### **Steepledge Lake Drilling Program**

Preparations are in progress to begin systematic drilling of the next intrusive complex to the west of the area currently being drilled – the Steepledge Lake Intrusive Complex (Figure 4). Reconnaissance drilling in this complex last year returned an intersection of 19m @ 0.54g/t Pt+Pd from 118m, including 3m @ 1.27g/t Pt+Pd, 0.23% Cu & 0.15% Ni from a sub-optimal drill-position on the eastern shore of the lake. The planned drilling program will be undertaken from a barge and will consist of a 200m x 20m drill pattern over an initial 800m strike length of the complex (Figure 5). Permits are being arranged for access track construction and a drill camp and drilling will commence once these are approved.



**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>TBND200</b>	357170	5403845	0	-90	66
<b>TBND206</b>	357150	5403985	0	-90	57
<b>TBND208</b>	357075	5404010	0	-90	51
<b>BL09-84</b>	358399	5402401	0	-90	318
<b>BL09-85</b>	357996	5402441	0	-90	225
<b>BL09-86</b>	357997	5402401	0	-90	219
<b>BL09-88</b>	357850	5402565	0	-90	225
<b>BL09-89</b>	357827	5402521	0	-90	231
<b>BL09-90</b>	357801	5402474	0	-90	216
<b>BL09-91</b>	357777	5402431	0	-90	207
<b>BL09-93</b>	357745	5402563	0	-90	204

**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>TBND200</b>	9.80	16.00	<b>6.20</b>	<b>2.05</b>	<b>1.78</b>	<b>3.83</b>	<b>0.14</b>	-	<b>0.38</b>	<b>0.17</b>	0.5
including	13.00	15.00	<b>2.00</b>	<b>5.43</b>	<b>4.65</b>	<b>10.08</b>	<b>0.40</b>	<b>7.90</b>	<b>0.99</b>	<b>0.29</b>	5.0
<b>TBND206</b>	32.00	45.00	13.00	0.74	0.69	1.43	0.05	-	0.21	0.20	1.0
<b>TBND208</b>	19.00	36.00	17.00	1.14	1.08	2.22	0.08	-	0.29	0.23	1.0
including	28.00	32.00	<b>4.00</b>	<b>2.25</b>	<b>2.15</b>	<b>4.40</b>	<b>0.15</b>	<b>3.10</b>	<b>0.58</b>	<b>0.34</b>	3.0
<b>BL09-84</b>	255.00	261.00	6.00	1.24	1.16	2.40	0.08	-	0.20	0.16	1.0
including	257.00	259.00	<b>2.00</b>	<b>2.25</b>	<b>2.10</b>	<b>4.35</b>	<b>0.14</b>	-	<b>0.35</b>	<b>0.22</b>	3.0
<b>BL09-85</b>	149.00	166.00	17.00	0.74	0.73	1.47	0.06	-	0.22	0.19	1.0
<b>BL09-86</b>	163.00	177.85	<b>14.85</b>	<b>2.83</b>	<b>2.73</b>	<b>5.56</b>	<b>0.17</b>	-	<b>0.64</b>	<b>0.28</b>	1.0
including	164.00	168.00	<b>4.00</b>	<b>3.81</b>	<b>3.51</b>	<b>7.32</b>	<b>0.22</b>	<b>4.55</b>	<b>0.75</b>	<b>0.31</b>	5.0
and	173.00	177.00	<b>4.00</b>	<b>3.50</b>	<b>3.54</b>	<b>7.04</b>	<b>0.21</b>	<b>5.28</b>	<b>0.88</b>	<b>0.41</b>	5.0
<b>BL09-88</b>	135.00	139.15	<b>4.15</b>	<b>2.32</b>	<b>2.35</b>	<b>4.67</b>	<b>0.13</b>	<b>3.18</b>	<b>0.59</b>	<b>0.26</b>	1.0
<b>BL09-89</b>	157.25	163.23	<b>5.98</b>	<b>8.26</b>	<b>8.87</b>	<b>17.13</b>	<b>0.23</b>	<b>8.70</b>	<b>2.55</b>	<b>1.29</b>	1.0
including	159.25	163.23	<b>3.98</b>	<b>11.46</b>	<b>12.34</b>	<b>23.80</b>	<b>0.30</b>	<b>11.7</b>	<b>3.52</b>	<b>1.74</b>	5.0
including	162.42	163.23	<b>0.81</b>	<b>22.10</b>	<b>20.50</b>	<b>42.60</b>	<b>0.35</b>	<b>18.0</b>	<b>6.60</b>	<b>3.18</b>	25.0
<b>BL09-90</b>	141.00	159.30	18.30	0.80	0.79	1.59	0.05	-	0.21	0.12	1.0
including	151.00	157.20	6.20	1.33	1.27	2.60	0.08	-	0.34	0.16	2.0
<b>BL09-91</b>	153.00	158.00	5.00	1.32	1.27	2.59	0.08	-	0.32	0.15	1.0
including	155.00	156.15	<b>1.15</b>	<b>3.42</b>	<b>3.45</b>	<b>6.87</b>	<b>0.18</b>	<b>4.30</b>	<b>0.85</b>	<b>0.43</b>	5.0
<b>BL09-93</b>	105.15	150.00	44.85	0.61	0.58	1.19	0.04	-	0.15	0.14	0.5
including	116.00	129.15	13.15	1.03	0.96	1.99	0.07	-	0.23	0.16	1.0

Results are reported for intercepts >1.0g/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

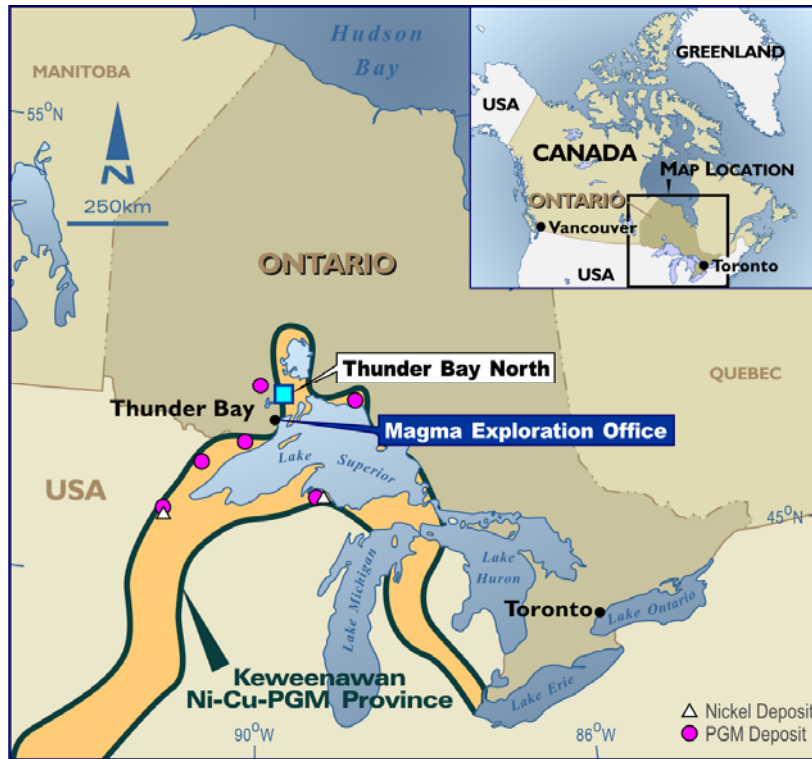


Figure 1. Project Location

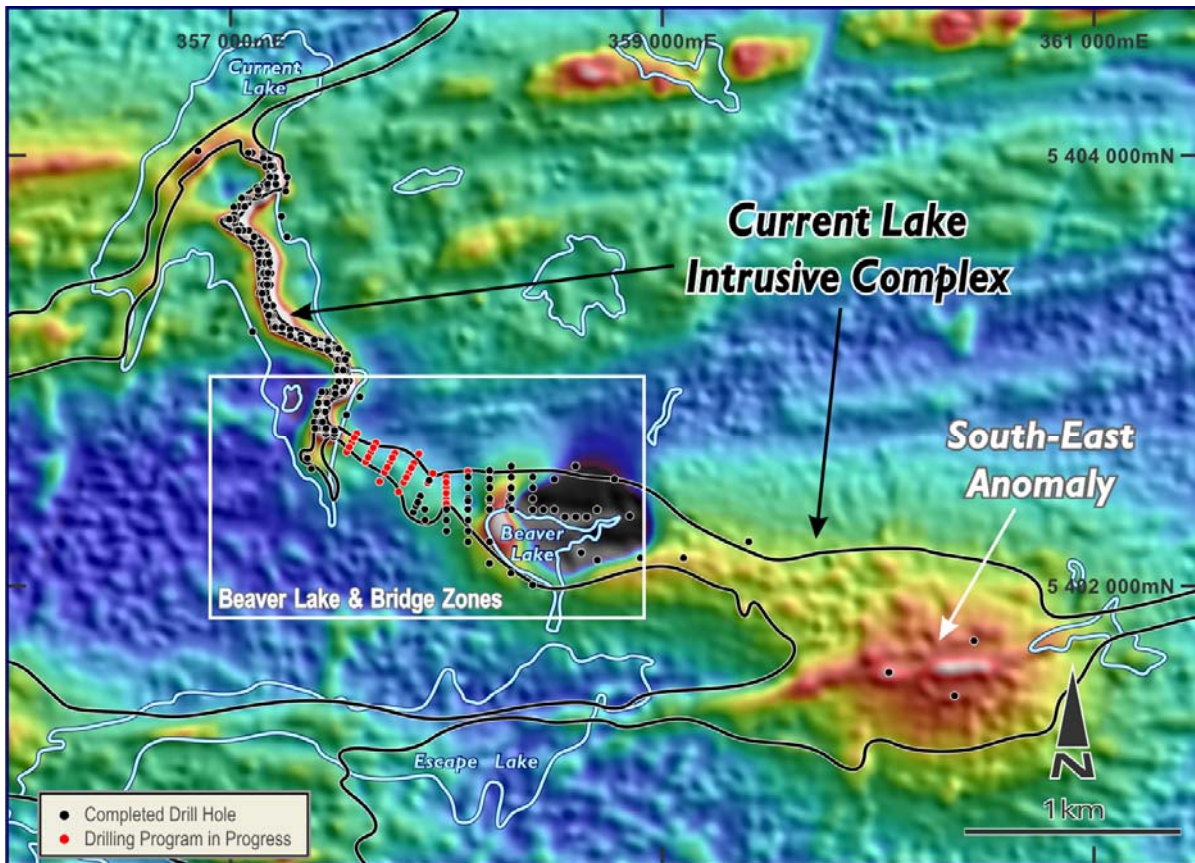


Figure 2. Aeromagnetic Image Showing the Current Lake Intrusive Complex and Drilling



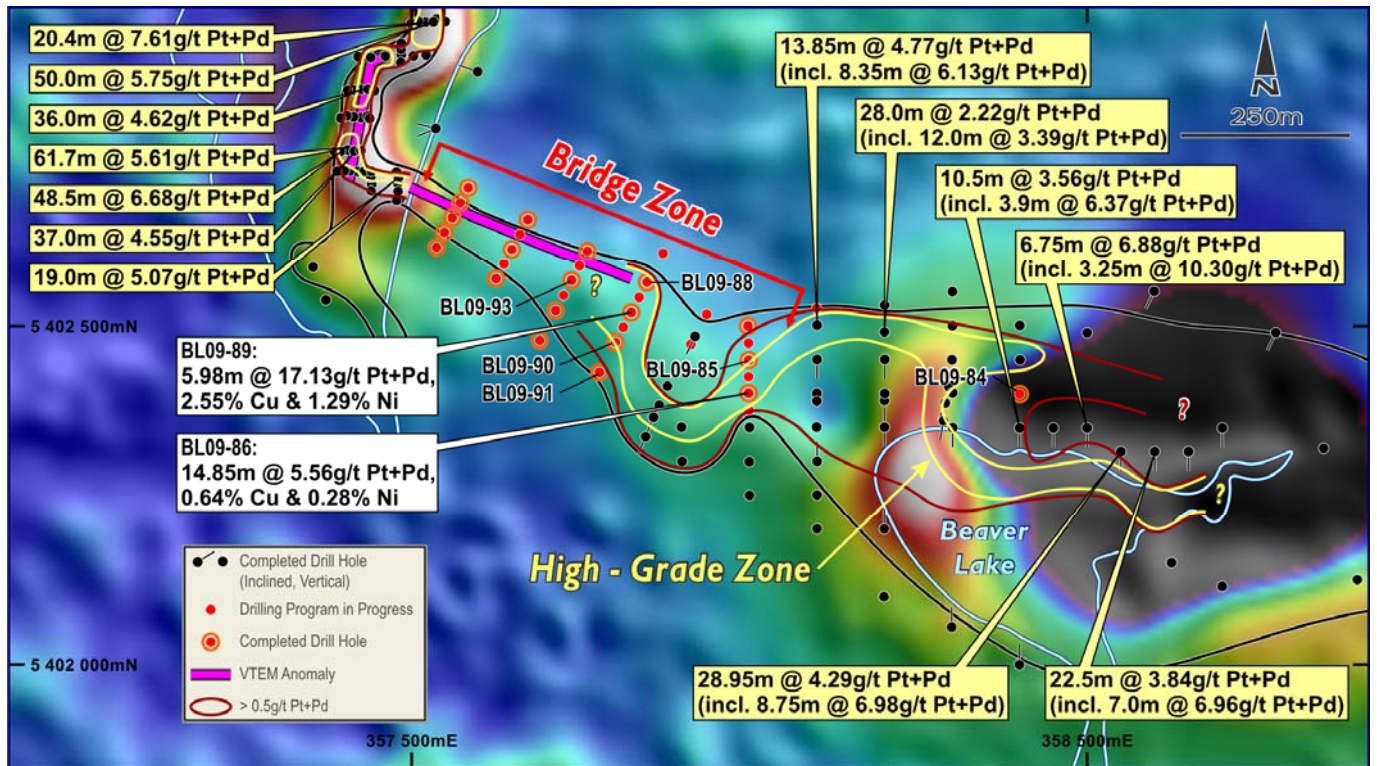


Figure 3. Bridge Zone: Magnetics and Drilling

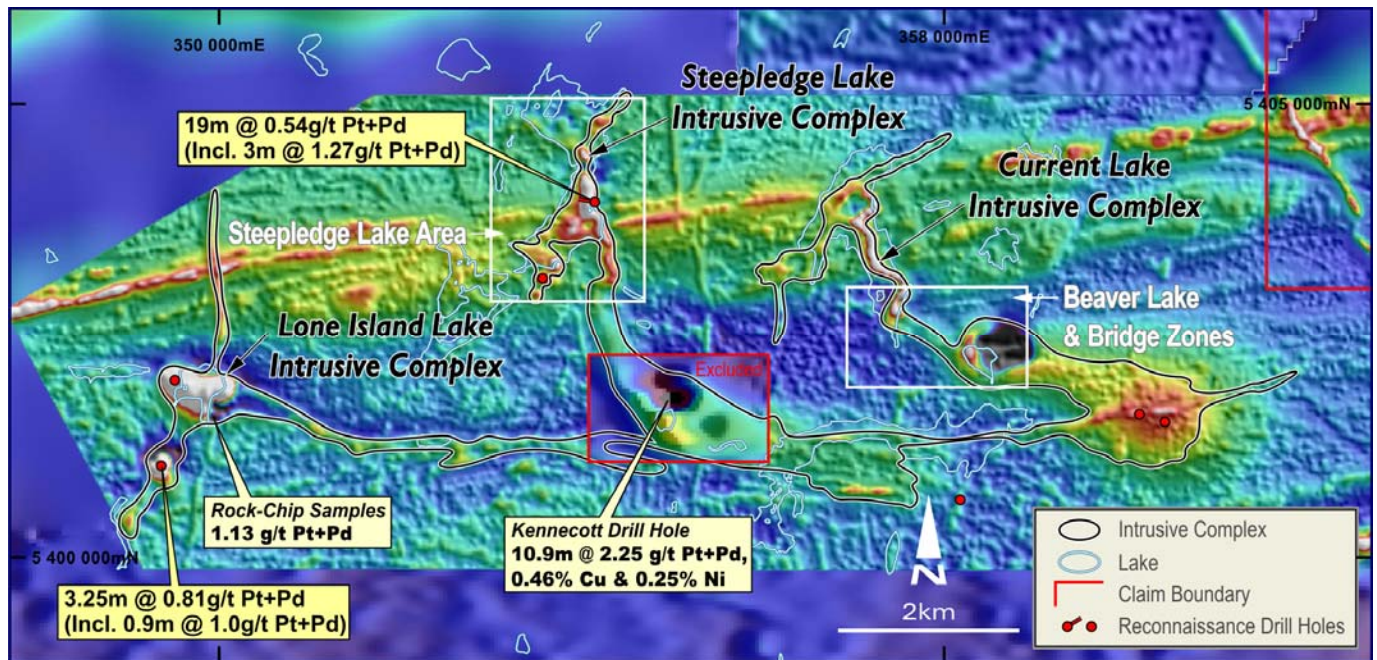


Figure 4. Regional Magnetics and Intrusive Complexes



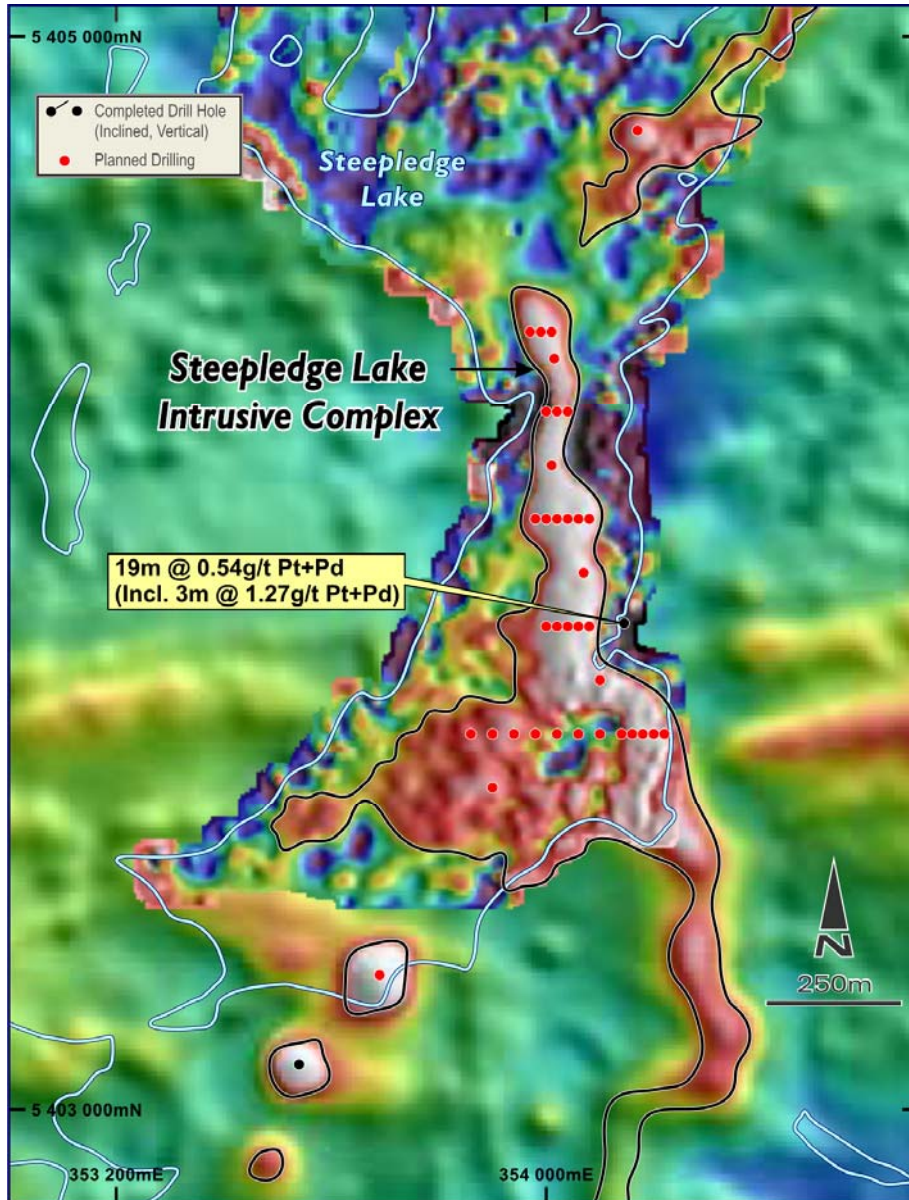


Figure 5. Planned Drilling at Steepledge Lake