



# **DIATREME RESOURCES LIMITED**

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## **ANNOUCEMENT TO NSX LIMITED**

### **Nymbool Drilling Program Summary**

The Company finished the first stage of its drilling program at the Nymbool Project at Mount Garnet on 1 December 2003. A program of six reverse circulation percussion drillholes totalling 941.5m was conducted to test geophysical (chargeability) anomalies resulting from an earlier dipole-dipole IP/Resistivity survey.

The Management consider that, though the drilling results were mixed, the program has been very encouraging in extending the large low grade porphyry system. The current drilling has recovered large widths of significant gold mineralisation.

The wide zone of gold mineralisation appears to dip shallowly to the east and is open ended and not previously drilled. Further drill holes will be required to test this highly prospective zone.

### **Drilling Results**

Holes NYM25 and NYM26 were drilled on section 50750N and holes NYM27, NYM28 and NYM29 were drilled on section 50850N. These holes are in the vicinity of previous shallower drilling.

Drillholes NYM25, NYM27 and NYM28 were drilled on the eastern side of the area. These three holes intersected better grade gold mineralisation over large widths. This mineralisation is open in this direction.

Holes NYM26 and 29 were drilled on the western side of the area. These intersected broad zones of low grade gold mineralisation and effectively limit the gold mineralisation in this direction.

Hole NYM24 was drilled well to the north east of previous drilling on section 51100N. It failed to intersect significant gold mineralisation.

Full details of the drilling are shown in the following tables.

**PTO**

Hole	North	East	RL	Azimuth	Dip	Depth
NYM24	51100	10298	760	270	-60	100
NYM25	50752.7	9996.7	786.1	270	-60	160
NYM26	50750	9800	753.6	92	-60	170
NYM27	50850	10003	812.7	270.5	-60	190
NYM28	50849.6	10005.6	812.9	90	-60	161.5
NYM29	50850	9800	777.3	90	-60	160

Hole	From	To	Length	Gold (g/t Au)	Comments
NYM24					No significant values
<b>NYM25</b>	<b>0</b>	<b>96</b>	<b>96</b>	<b>0.49</b>	<b>Eastern Side</b>
incl	2	6	4	1.37	
incl	74	76	2	1.91	
NYM25	156	158	2	3.21	Eastern Side
NYM26	68	92	24	0.31	Western Side
NYM26	120	134	14	0.32	Western Side
<b>NYM27</b>	<b>30</b>	<b>74</b>	<b>44</b>	<b>0.71</b>	<b>Eastern Side</b>
incl	38	40	2	1.50	
incl	58	64	6	2.20	
NYM27	168	170	2	1.36	Eastern Side
<b>NYM28</b>	<b>34</b>	<b>152</b>	<b>118</b>	<b>0.50</b>	<b>Eastern Side</b>
incl	44	46	2	1.06	
incl	70	82	12	1.15	
incl	118	122	4	1.15	
incl	140	142	2	1.04	
NYM29	66	108	42	0.32	Western Side

### Ambrose Gully Prospect, Mount Garnet

Two rock chip samples from the Ambrose Gully Prospect, located 4 kilometres south of the Nymbool Project area, recovered some encouraging gold grades. The samples were taken as continuous chip samples over 40m intervals across an outcropping quartz greisen. The samples of quartz greisen returned 0.95 grams per tonne gold and 0.24 grams per tonne gold respectively. Further assessment of the potential of this area for gold is required.

Dated this 19<sup>th</sup> day of December 2003

Signed for and on behalf of the Board of Directors of Diatreme Resources Limited



**Anthony J Fawdon**  
Executive Chairman/CEO