

# TANTALUM

AUSTRALIA NL



28 June 2004

The Announcements Office  
Australian Stock Exchange Ltd  
Level 3, 20 Bridge Street  
SYDNEY NSW 2000

Dear Sir

## DRILLING UPDATE – NORSEMAN GOLD PROJECT

Tantalum Australia NL is pleased to announce further assay results from samples from recent Reverse Circulation (RC) drilling that was completed at its Iron Duke and Surprise prospects within the Norseman Project in Western Australia.

In this program deeper inclined holes at Iron Duke were planned to intersect the mineralised structure beneath the previously planned pit depth (30metres) and to test the northerly extensions of the known mineralisation. This work confirmed earlier interpretations; the gold mineralisation occurs in a 50metre wide "envelope" of moderately (west) dipping shears at grades up to 2.5g/t. However, within this zone there occur sub-vertical, discontinuous lenses of high grade (5-80g/t) material. Results of the recent drilling have extended the strike of the mineralised zone to approximately 340 metres. Mineralisation is open to the north and south along strike.

Separate from the Iron Duke lode mineralisation described above, and overlying a parallel shear 80 metres to the east, is a zone of mineralised laterite up to 100 metres x 60 metres in area and extending from the surface to 7 metres depth.

The drilling at Surprise prospect (800 metres north of Iron Duke and on the same structure) was, primarily, to test another surficial deposit. In this case the "laterite" is ferruginous eluvium with calcareous cement and forms a cap up to 4 metres thick overlying the bedrock mineralisation.

Gold assays of 1 metre samples from the program have been returned and are listed below.

The better intercepts from the latest round of results include:

<b>5 metres</b>	<b>@</b>	<b>3.32 g/t Au</b>
<b>7 metres</b>	<b>@</b>	<b>3.51 g/t Au</b>
<b>6 metres</b>	<b>@</b>	<b>4.03 g/t Au</b>
<b>2 metres</b>	<b>@</b>	<b>12.39 g/t Au</b>
<b>7 metres</b>	<b>@</b>	<b>4.42 g/t Au</b>



### **Follow up Drilling**

An RC drilling program as follow up to the above drilling commenced during June and was suspended on June 12 due to a rig breakdown with 21 holes being completed for a total of 1400 metres. Composite (5 metre) samples have been dispatched for analysis. The RC program will recommence during the next week with the aim of extending mineralisation north and south and below 30 metres depth where additional information is required to update the resource model. Drilling will continue at least until the end of July as part of the ongoing feasibility study until the strike extent of the Iron Duke deposit is closed off and the drilling density between 30 and 80 metres depth is sufficient for resource estimation.

Yours faithfully

**Peter Farrah**  
**Company Secretary**

## Significant Intercepts

Hole ID	MGA North	MGA East	Total Depth	Down hole Interval (m)	Width (m)	Au (g/t)
<b>Iron Duke</b>	<b>Az - 090°</b>	<b>Dip - 60°</b>				
NDC 194	6429840	387530	50	19-25 32-34	5 2	3.32 1.73
NDC 195	6429855	387515	50	13-20	7	3.51
NDC 197	6429710	387470	90	50-51 60-66	1 6	1.38 4.03
NDC 199	6429900	387515	50	0-1 11-13	1 2	1.92 3.58
NDC 200	6429675	387510	90	37-39 49-50 57-58	2 1 1	1.52 5.41 2.28
<b>Iron Duke - Laterite (Vertical holes)</b>						
NDC 206	6430000	387670	10	0-4	4	1.06
NDC 207	6430000	387660	10	0-5	5	1.40
NDC 208	6430000	387650	10	0-5	5	1.57
NDC 210	6430020	387670	10	0-2	2	1.12
NDC 211	6430020	387660	10	0-5	5	1.88
NDC 213	6430020	387640	10	0-5	5	1.05
<b>Surprise</b>						
<b>Surprise</b>	<b>Az - 090°</b>	<b>Dip - 60°</b>	<b>(*Vertical holes)</b>			
NDC 163 *	6430870	387561	15	7-14	7	2.36
NDC 147	6430825	387568	15	8-12	4	3.83
NDC 173 *	6430820	387552	45 incl.	12-14 12-13	2 1	12.39 22.89
NDC 166 *	6430895	387509	10	9-10	1	3.39
<b>Surprise - Laterite</b>						
NDC 160	6430910	387565	5	0-1	1	3.27
NDC 142	6430890	387563	20	1-4	3	1.48
NDC 143	6430835	387589	15	0-4	4	1.69
NDC 144	6430835	387579	15	0-1 2-6	1 4	1.13 1.09
NDC 145	6430835	387569	15	4-6	2	1.43
NDC 146	6430825	387578	15	0-7	7	4.42
NDC 149	6430790	387588	49	0-4	4	1.41
NDC 152	6430780	387589	9	0-7	7	1.05
NDC 153	6430780	387579	9	0-2	2	1.20
NDC 168*	6430895	387578	10	0-4	4	1.37
NDC 165*	6430870	387541	15	0-2	2	1.09