



DRILLING CONFIRMS ZINC MINERALISATION AT BROWNS PROSPECT, MANBARRUM PROJECT (NT)

KEY POINTS

- **Scout diamond drilling program completed at Browns Prospect, 6km north of flagship Sandy Creek Deposit**
- **Geological logging of drill core indicates that MVT-style zinc mineralisation was intersected in all diamond drill holes**
- **Mineralisation intersected over significant widths – assay results awaited**

Diversified resource company TNG Limited (ASX:**TNG**) is pleased to advise that recent scout diamond drilling has confirmed the **presence of Mississippi Valley Type (MVT) zinc and lead mineralisation** at the **Browns Prospect**, part of its 100%-owned **Manbarrum Zinc-Lead-Silver Project**, located 70km from Kununurra in the Northern Territory (figure 1).

This strategic exploratory drilling program – the first to be conducted at Manbarrum since the major 2007 drilling program – was designed to test one of the key exploration targets previously identified by TNG within the Manbarrum Project area. The Browns Prospect is defined by a strong Induced Polarisation (IP) anomaly approximately 2km in strike length and of similar amplitude to the IP response defining the Sandy Creek. Browns is the largest IP anomaly defined to date within the Manbarrum Project area.

The Browns prospect was targeted with the primary aim of testing for the presence of mineralisation on the western margin of the IP anomaly. TNG has established from previous drilling and geophysics that Mississippi Valley Type (MVT) mineralisation generally occurs on the western margin of some of the IP anomalies within the Manbarrum field.

Three diamond drill holes were completed for a total of 620m at Browns, which is located 6km north of the flagship Sandy Creek zinc-lead-silver deposit (Figure 2). Geological logging of the drill core indicate variable widths of mineralisation were intersected in all diamond drill holes. Intersections are summarised below:

Hole Number	East	North	Dip	Azimuth	Variably Mineralised Interval
BDD001	523800	8301808	-60	090	80 – 180 m
BDD002	523653	8301803	-60	090	83 – 177 m
BDD003	523800	8301600	-60	090	72 – 171 m

Sphalerite (ZnS) and galena (PbS) mineralisation has been identified, occurring along fractures, vugs and replacement structures in the prospective sandy dolomite of the Burt Range Formation (see *Plate 1, 2*). Mineralisation style is similar to Sandy Creek.



Plate 1: Sphalerite on vug and fracture plane, BDD001



Plate 2: Sphalerite in replacement breccia, BDD002

The board of TNG is encouraged by these visual results and is now awaiting laboratory XRF assay results. Whole core samples have been submitted for analysis in order to assess total mineral content.

TNG's strategy in the area is to define a large inventory of base-metal mineralisation prior to commencing feasibility studies. If the assay results from Browns confirm the presence of economic grades of mineralisation, this would be the third MVT deposit to be discovered in the Manbarrum Project area by TNG. The Browns prospect is large and there is significant scope to locate more mineralisation with a number of other structural targets untested.

The diamond rig has now been moved onto the Sandy Creek deposit to drill strategic test holes for metallurgical and assay test work. Based on previous work whole core samples will also be submitted as part of the reconciliation of the previous assay results.

Yours faithfully
TNG LIMITED

Paul Burton
Exploration Director
5th August 2009

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Paul Burton who is a Member of The Australasian Institute of Mining and Metallurgy and a Director of TNG Limited. Paul Burton has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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'. Paul Burton consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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