

TNG LIMITED

ENIGMA MINING LTD

STOKES YARD PROJECT

pXRF Sampling of Historical Drill Core

Tenement/s	EL 30131	1:250 000 Sheet Name	Hermannsburg (SF5313)
Holder	TNG Ltd	1:100 000 Sheet Name	Glen Helen (53-51)
Manager Operator	TNG Ltd	Datum	GDA94-53
Commodity	Zn, Pb, Cu, Au		
Elements Analysed			
Keywords	Stokes Yard Prospect, Historical Exploration, Core Sampling		
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1. INTRODUCTION

Exploration Licence 30131 (Figure 1) was granted to Imperial Granite and Minerals Pty Ltd (Imperial) on 11 August 2014 and purchased by TNG Ltd (TNG) on 16/09/2015. The licence is situated in the Warumpi Province within the North Australian Craton.

The tenement contains the Stokes Yard Zn-Cu-Pb prospect which is hosted by the amphibolite-facies Ikuntji Metamorphics which are part of the Iwupataka Metamorphic Complex within the Haasts Bluff Domain of the Warumpi Province.

Historical NTGS drillcore data of the five holes within the licence area was collated and pXRF sampling of the core took place at the Alice Springs core storage facility.

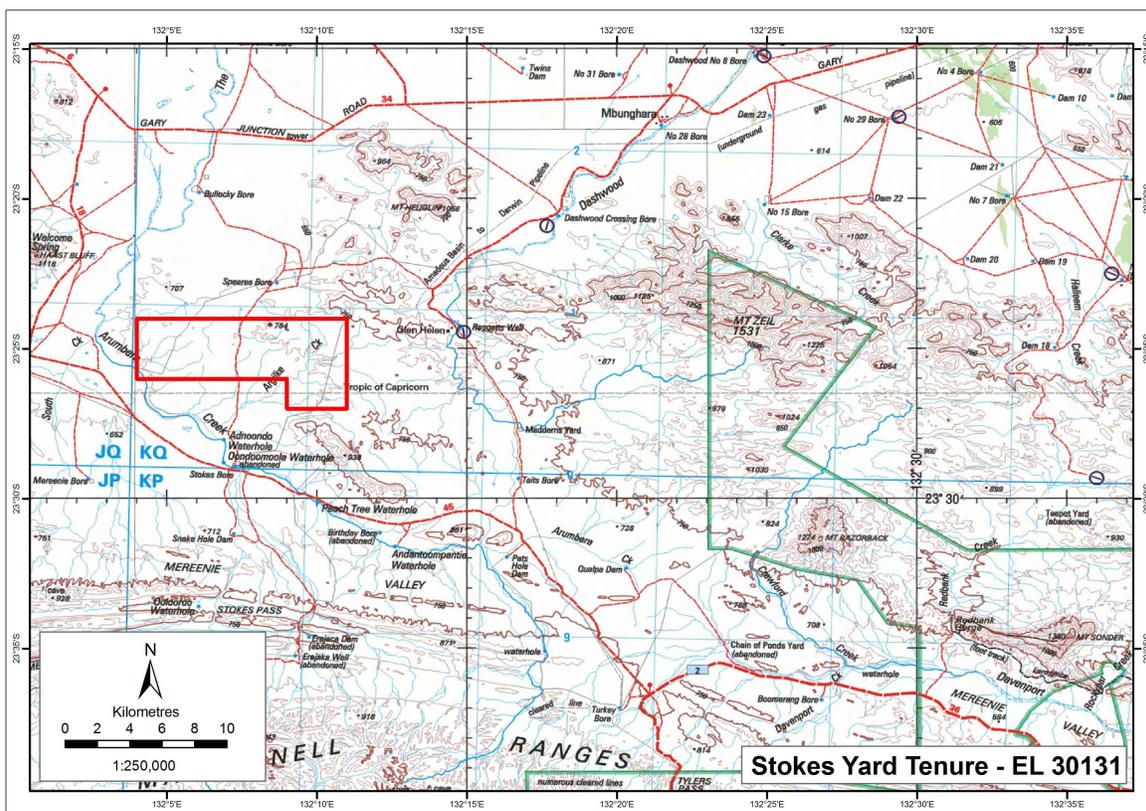


Figure 1: Location of the Stokes Yard Project.

2. TENURE

Exploration Licence 30131 was granted to Imperial Granite and Minerals Pty Ltd on 11 August 2014. TNG bought the licence outright and the transfer (100% ownership) was completed on 15 September 2015. A waiver of reduction was submitted and approved in August 2016. Tenure details are shown in Table 1.

Table 1: EL 30131 tenement details.

TITLE	PROJECT	AREA (blocks)	GRANT DATE	EXPIRY DATE
EL 30131	Stokes Yard	16	11/08/2014	10/08/2020

3. HISTORICAL DRILL DATA AND CORE SAMPLING

Historical drill results from the 1972 NTGS drilling (Fruzzetti, 1972) were collated and entered into a database along with new pXRF data obtained from sampling of the stored drillcore (Table 2). Core was pXRF spot sampled at 3 ft intervals (or less depending on results returned) and all core was photographed wet and dry. All results are included in Appendix 1.

Table 2: Drillhole depths

Hole_ID	Depth (feet)	pXRF Readings
DDH1	360	121
DDH2	405	139
DDH3	310	97
DDH4	415.5	153
DDH5	107	37

REFERENCES

Fruzzetti, O., 1972. The Stokes Yard base metal prospect, Hermansberg 1:250,000 sheet area SF 53-13, Northern Territory. *Northern Territory Geological Survey Technical Report 1972-025*.