

Exploration Licence  
EL21/2013

Year 4 Annual Report

September 2017 – September 2018

NORTH SCOTTSDALE RESOURCES PTY LTD

Prepared by A D MacGregor  
11/10/18

## Contents

	<b>Page</b>
ABSTRACT	3
INTRODUCTION	3
REVIEW OF PREVIOUS WORK	3
EXPLORATION COMPLETED	4
DISCUSSION OF RESULTS	4
CONCLUSIONS	4
ENVIRONMENTAL ACTIVITIES	5
EXPENDITURE	5
Attachment 1      Location Map	

## **ABSTRACT**

EL21/2013 is a 4 km<sup>2</sup> Category 3 and 5 licence located at Barnbougale Road approximately 10km south east of Bridport. The EL is held by North Scottsdale Resources Pty Ltd and was issued on 15<sup>th</sup> September 2014.

The exploration program seeks to determine the extent of the sand resource and the viability of the resource for construction purposes and for glass manufacture.

It was initially intended that the exploration program in the second year would include a drilling program, however further site investigation led to the decision to forgo the drilling program in favour of further exploration via the excavation of a series of test holes across the site. This work was completed in September 2016 the collected sand samples have now been analysed.

Further to the analysis of the samples it has been determined that the sand has a commercial value as a construction material. Further, it has been resolved that the afore-mentioned drilling program must proceed in order to quantify the resource.

## **INTRODUCTION AND TENEMENT DETAILS**

The exploration licensee has identified a high quality, diverse, sand deposit to the south east of Bridport on the north coast Tasmania. The sand is expected to supplement existing sand deposits held under mining lease by a related party from 25/30 years to 45/50 years.

**Licensee:** North Scottsdale Resources Pty Ltd

**Exploration Licence Number:** EL21/2013

**Location:** Barnbougale Road, Bridport

**Reporting period:** 15/9/2017 to 14/9/2018

## **REVIEW OF PREVIOUS WORK**

The deposit was first identified by Mr Reg Huett in 2012. It is understood that Mr Huett undertook some drilling on the deposit however no records of that work are currently available.

North Scottsdale Resources Pty Ltd was established with the aim of determining the economic viability of the sand resource for local and interstate use.

## **EXPLORATION COMPLETED**

In the third year of the Exploration Licence it was determined to forgo the original plan to undertake an additional drilling program to complete the laboratory testing – both grading and more importantly chemical analysis as well as further desk top analysis and value adding prospects of the sand.

The chemical analysis was undertaken at the Boral NATA laboratory in Sydney. The test results were inconclusive. There was an inconsistency within the chemical results which have now been further examined.

Further testing has been determined that the finer fractions of the sand have a commercial value for fracking sand and possibly for glass manufacture.

It has also been determined that the bulk of the sample has a commercial value as a construction material.

## **DISCUSSION OF RESULTS**

The laboratory analysis of the samples has determined that a portion of the resource has a commercial value for fracking sand and for glass production however the bulk of the resource is more suited for construction purposes. It is evident that the deep drilling program must now proceed in order to determine the extent of the resource.

## **CONCLUSIONS**

Work during the reporting period has shown that the existing sand resource has a number of potential commercial uses.

A drilling program will now be developed based on the knowledge acquired from the test hole program so that the extent of the resource can be properly determined. The drilling program will also provide sufficient sampling to allow more detailed analysis of the resource.

It had been intended that the drilling program would have been undertaken in 2017/8. However, the licensee also holds an exploration licence (EL18/2013) on the Rushy Lagoon property adjacent to Boobyalla Beach and it is also intended to undertake a drilling program on this licence area. For economic management reasons it is necessary that both drilling programs are undertaken by the same contractor as a single project. For this reason the drilling on the subject licence area has not yet been programmed.

#### **ENVIRONMENTAL ACTIVITIES**

No field work was undertaken in the reporting period.

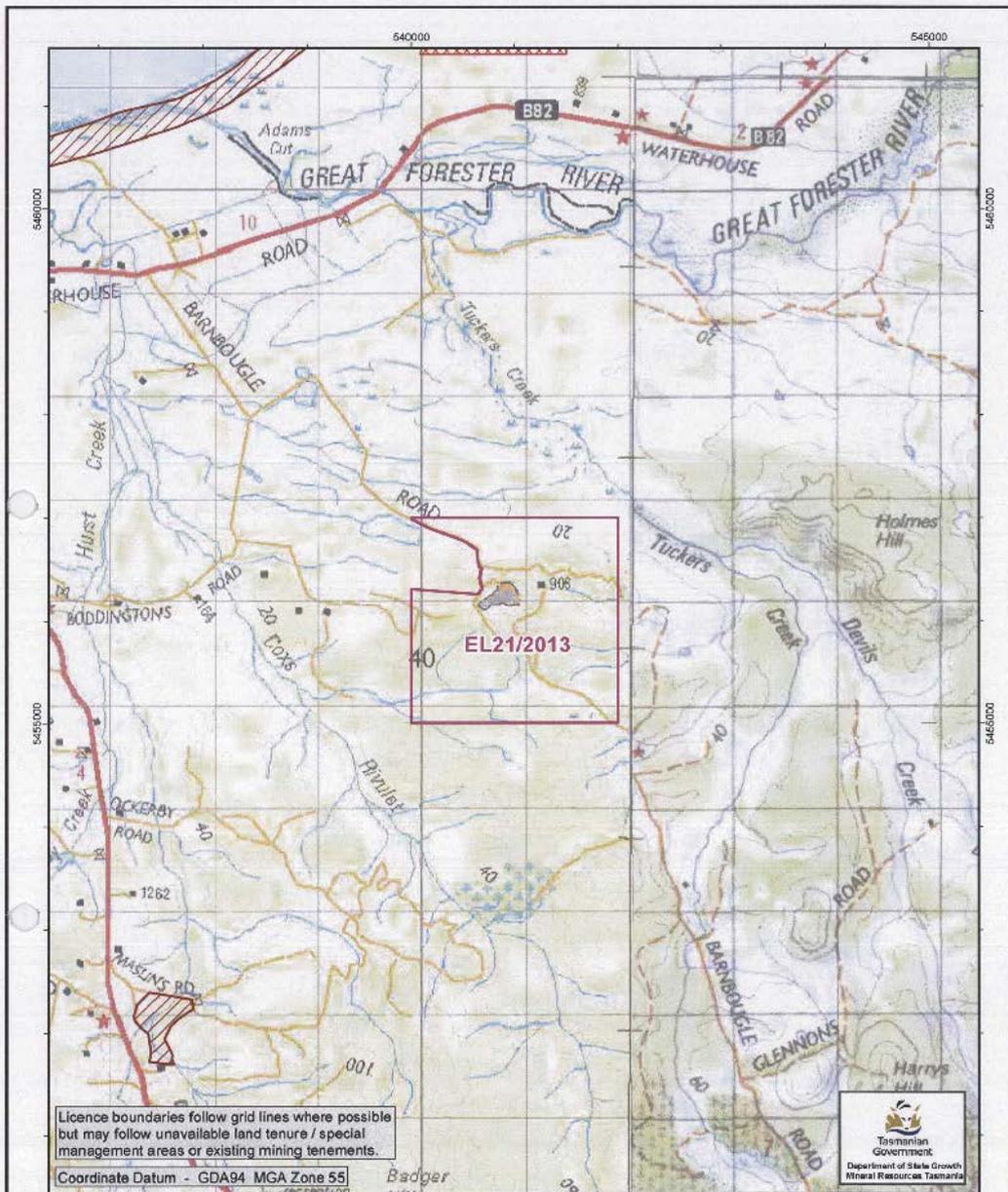
Field work over the next reporting period will be limited to a drilling program that will take place over previously disturbed ground so it is not contemplated that there will be any adverse environmental impact.

#### **EXPENDITURE**

Total expenditure on EL21/2013 up to 14<sup>th</sup> September 2018 was nil.

## **Annexure 1**

### **Location Map**



Licence boundaries follow grid lines where possible but may follow unavailable land tenure / special management areas or existing mining tenements.

Coordinate Datum - GDA94 MGA Zone 55



**EL21/2013 4km<sup>2</sup>**  
**Vicinity of Barnbougle Road**



1:50000

