

Exploration licence

EL18/2015

YEAR 5 ANNUAL REPORT

FEBRUARY 2020-2021

NORTH EAST EXCAVATIONS (TAS) Pty Ltd

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1st February 2021

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Attachment 1 Location Map

**Abstract:**

EL 18/2015 is a 3km<sup>2</sup> Category 3 licence located on the northern side of Basin Creek road and is approximately 4 kms south of the township of St Helens. The EL is held by North East Excavations (tas) Pty Ltd and was issued on the 2nd day of February 2016.

The exploration program of the licence is to determine the extent of the rock resource and viability of the resources for road construction and sealing aggregates

**Introduction and Tenement Details:**

The exploration licensee currently operates the Diana's Basin quarry (22M/2003) which abuts the south- eastern corner of the licence area.

The licensee seeks to ensure a continuous supply of high skid resistance aggregate (PSV) and Vic Roads Spec Roadbases to the Tasmanian market into the future to satisfy the annual requirements of Department of State Growth and Civil Contracting Companies .

**Licensee:** North East Excavations (tas) Pty Ltd

**Exploration Licence Number:** EL 18/2015

**Location:** Basin Creek Road St Helens Tasmania

**Reporting Period:** 2/2/2020 to 1/2/2021

## **Review of Previous Work:**

The licensee has no knowledge of any previous exploration work being undertaken within the licence area.

The adjoining Diana's Basin Quarry exploits a Devonian aged quartzite derived from sedimentary successions of the extensive Mathinna Group, as indicated by the MRT 1:25,000 scale geology map. The rock is used as a source road construction materials and sealing aggregate. The quarry is currently compliant with VicRoads specifications. The quarry has supplied materials to various Department of State Growth (DSG) road construction and reconstruction project in recent years.

The quarry was inspected by VicRoads in June 2016 and sampling and testing was undertaken on behalf of the DSG in accordance with VicRoads Code of practice 500.00 Source Rock Investigation. Representative aggregates samples were collected and tested for Los Angeles Value and Polished Stone value with the following results

Assigned Los Angeles value: 13

Assigned Polished Stone Value: 57

This quarry being a High PSV 57, North East Excavations is able to supply Department of State growth with High Skid Resistant PSV rock, there are only two quarries in Tasmania able to supply the high 57 PSV rock, with NEE being the only quarry on the east coast of Tasmania..

Please Note: We are currently the major supplier of aggregate to the Downer Group Asphalt plant in Hobart and Launceston

A team from VicRoads were to visit Tasmania in Early 2020 to carry out an inspection of our quarry ('Source Rock Investigation' as per Code of Practice 500.00), this Tasmanian visit has to date not occurred due to Covic -19 Restrictions. We have not been contacted with an update for their next site visit.

**Exploration Completed:**

North East Excavation applied for an exemption from conditions on a mineral tenement due to Covid- 19 for a 6 month term

Exploration in the fifth year is to complete analysis of sample rock previously collect and to follow up sampling if required.

**Discussion of Results:**

The sampling and testing of the rock materials in the leased adjoining quarry (22M/2003) has determined the PSV to be 57.

State Grow and VicRoads sealing aggregate specification requires a minimum PSV 52, and for High Skid Resistant projects a minimum PSV is 54, with NEE being PSV 57 we want to ensure we have enough resources available for the future of the Tasmania roads.

**Conclusions:**

It is evident from the work undertaken by VicRoads in sampling and testing the source rock materials in the adjoining Diana's Basin Quarry that the rock material, with a polished stone value of 57, is a very important resource for the state of Tasmania.

**Environmental Activities:**

No Environmental activities

Please note: Andy had major eye surgery early December 2020 and was unable to return to normal work activities until early 2021, then Covid -19 restrictions were in place.

**Expenditure:**

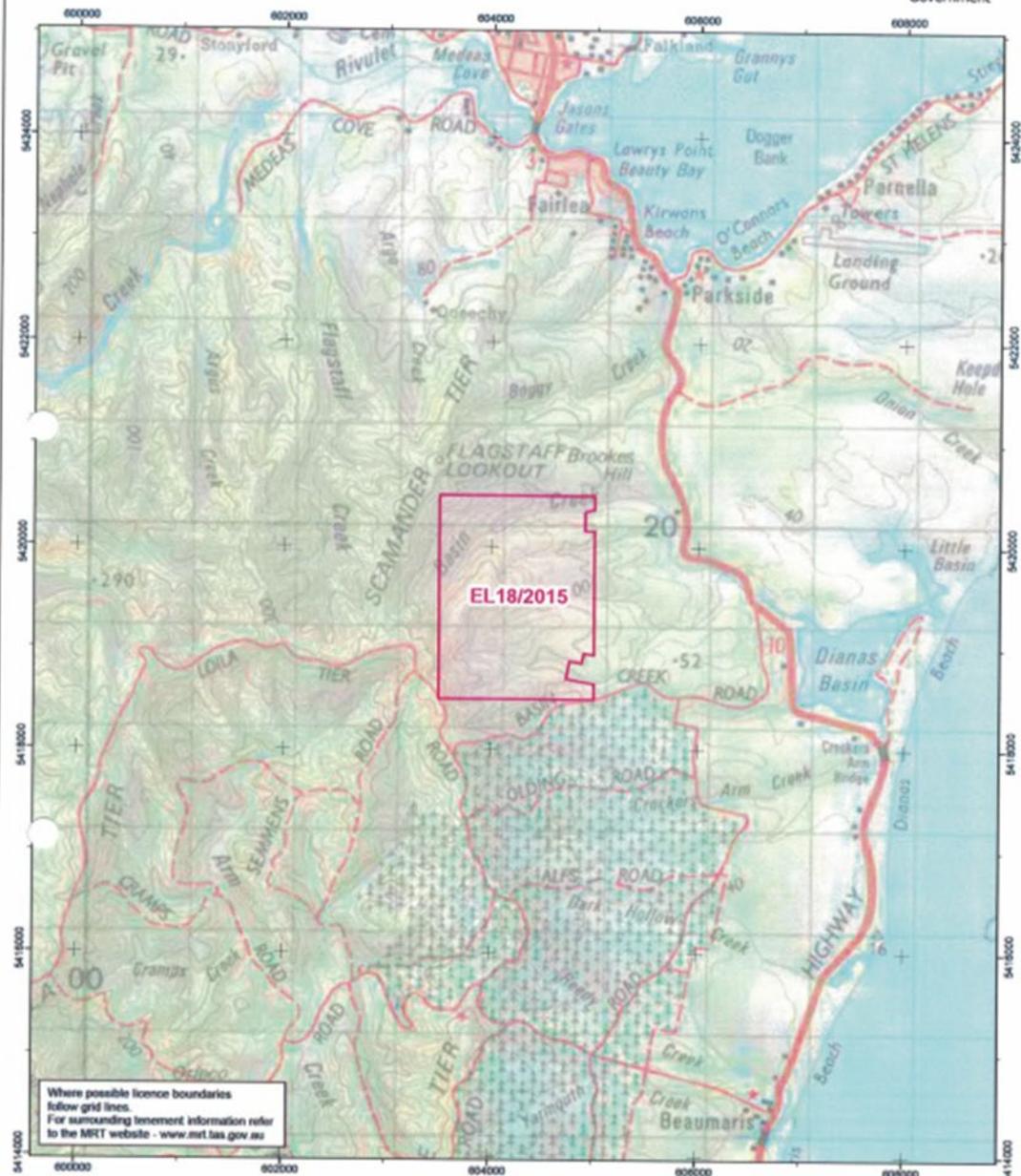
Administration costs \$500

Application fees & Annual rent \$1099.80

**Total \$1599.80**

## **Annexure 1**

Location Map



EL18/2015 3km<sup>2</sup>  
Vicinity of Basin Creek Road  
(5km S of St Helens)



1:50,000

Coordinate Datum - GDA94 MGA Zone 55



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