

Exploration licence

EL18/2015

YEAR 6 ANNUAL REPORT

FEBRUARY 2021-2022

NORTH EAST EXCAVATIONS (TAS) Pty Ltd

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Abstract:

EL 18/2015 is a 3km² 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.

We are currently in the process with our quarry consultant increasing the capacity of the Diana's Basin Quarry from the current 20 000 cubic metres to 50 000 cubic metres.

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 .

We have been approached by an asphalt company to supply samples of PSV 54 aggregates for testing and preliminary designs to be used in SMA H asphalt for upcoming DSG works

Licensee: North East Excavations (tas) Pty Ltd

Exploration Licence Number: EL 18/2015

Location: Basin Creek Road St Helens Tasmania

Reporting Period: 2/2/2021 to 1/2/2022

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 first 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..

The quarry was inspected 03 March 2021 by The Department of Transport (Vic) on behalf of DSG Tasmania to maintain quarry accreditation.

Exploration Completed:

Due to our heavy work load in the past year, North East Excavations has submitted an application for an extension of term on this exploration license 18/2015. The extension of term will enable the samples won through the exploration program to be analyzed. The results of this analysis will enable a viable deposit to be determined, subsequently leading to a mining lease application.

Covid-19 has brought uncertain times for businesses for the past 2 years which has made it a difficult decision to spend money- hopefully this year will be better.

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

Expenditure:

Administration costs \$700.00

Application fees & Annual rent \$1120.00

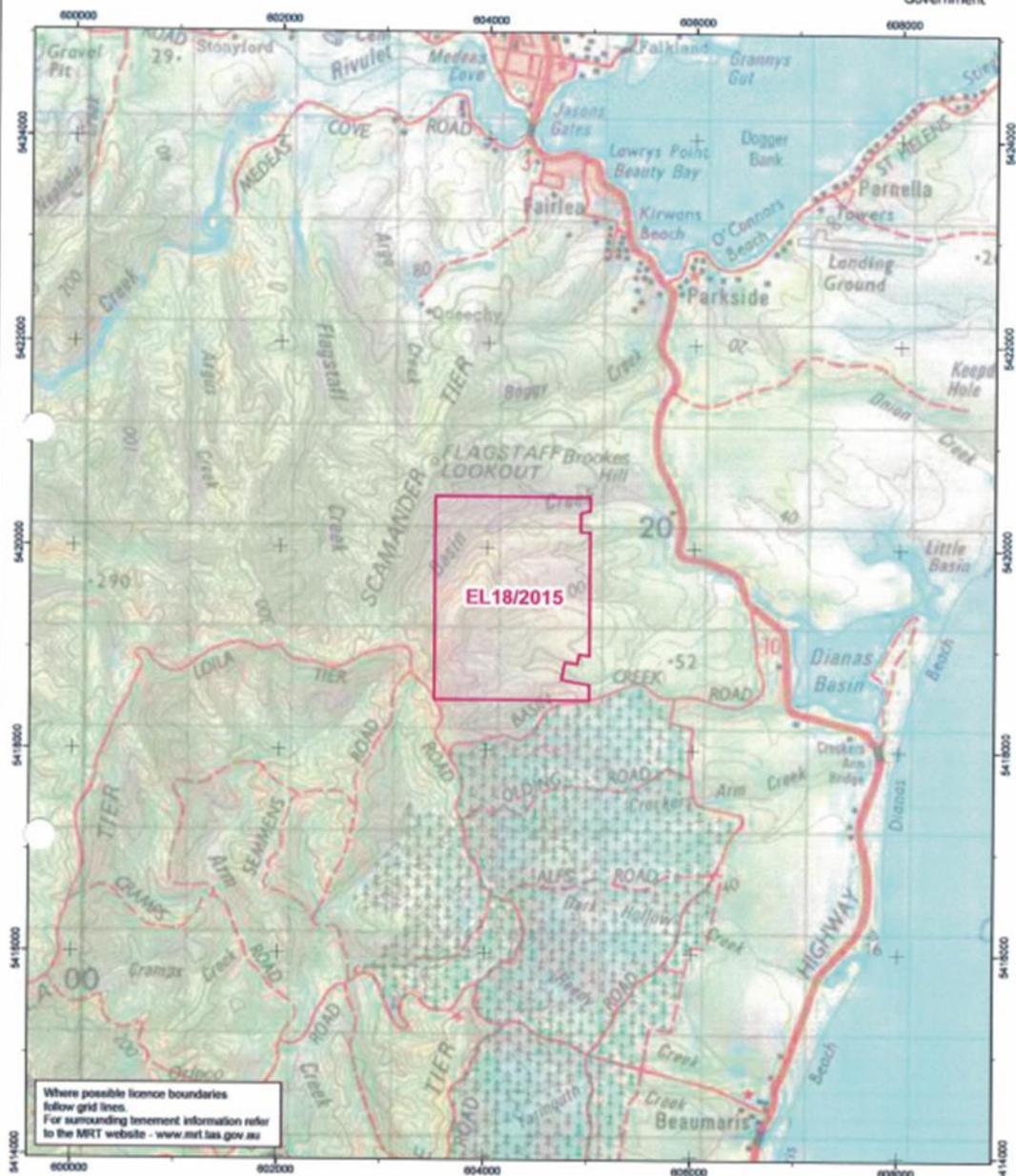
Total \$1820.00

Annexure 1

Location Map

Department of State Growth

MINERAL RESOURCES TASMANIA



EL18/2015 3km²
Vicinity of Basin Creek Road
(5km S of St Helens)



1:50,000

Coordinate Datum - GDA94 MGA Zone 55



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