

**Annual Report  
to 12 June 2018**

**EL20/2016  
(Middleton Creek)**

**Tasmanian Advanced Minerals Pty Ltd**

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**Date:** 10 July 2018

## **ABSTRACT**

- This report covers the first year of exploration, during which 4 test pits were dug on one ridge located in the south east corner of the licence.
- The test pits returned clay and gravel, and no encouragement for silica flour. Further work is required in the area.
- The licence has other silica targets that are not yet investigated.

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EL202016-2018\_Filelisting

EL202016-2018-01-SL\_1

EL202016-2018-02-DL\_1

## **1. INTRODUCTION**

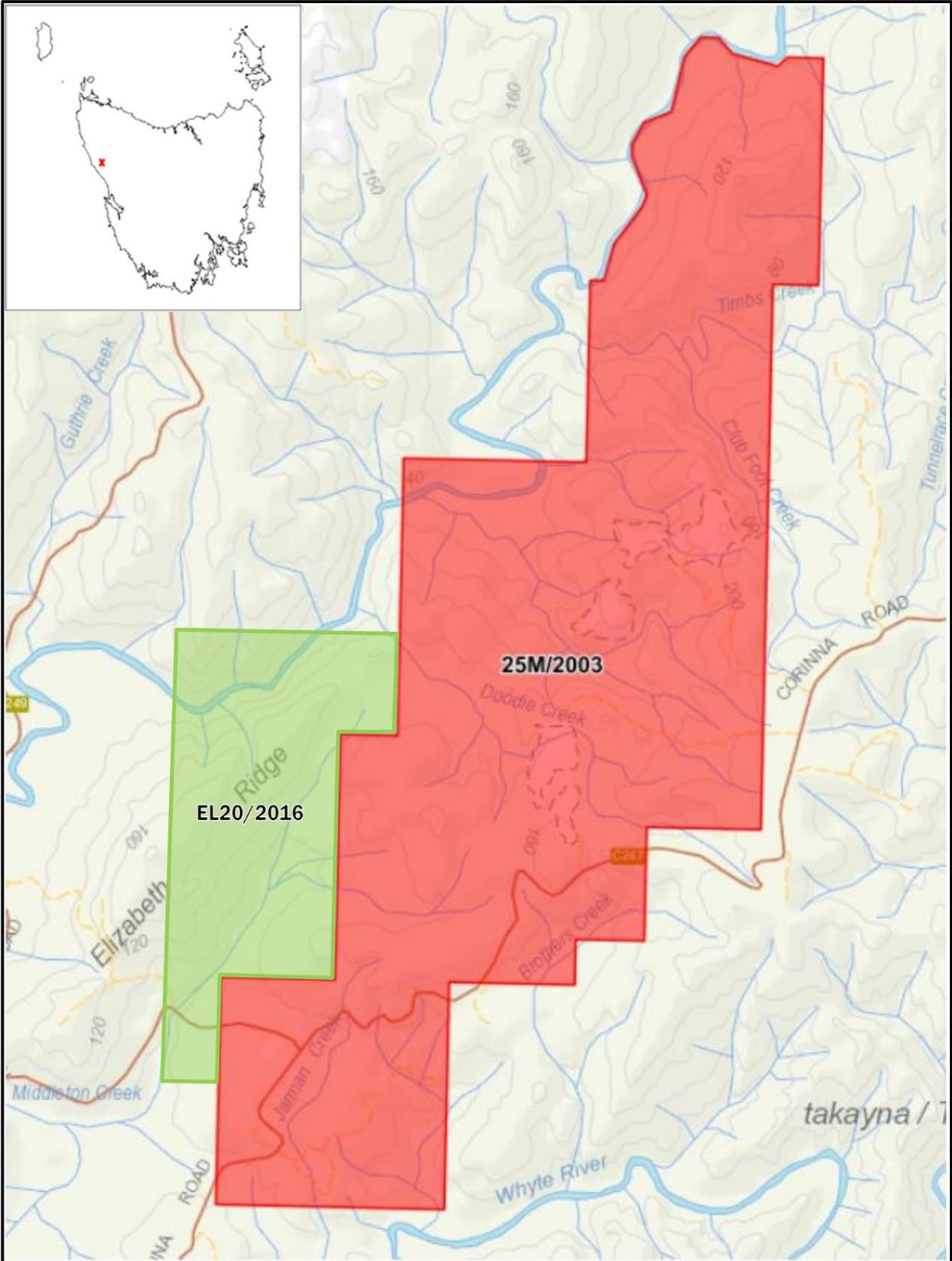
EL 20/2016 is held by Tasmanian Advanced Minerals Pty Ltd (TAM) and is located adjacent to TAM's Corinna mine (25M/2003) near the junction of Norfolk and Corinna Roads, approximately 3km north-east of Corinna (ref. Figure 1). The Licence was granted on 12 June 2017. This is the first annual report for the period up to 12 June 2018.

TAM is actively mining high purity silica from three locations in Tasmania, from the Corinna mine, and from two leases near the Arthur River in northwest Tasmania, Blackwater (6M/2016) and Hawkes Creek (27M/2009). TAM also holds other exploration licences in the vicinity of the Hawkes Creek and Blackwater mines. This is the only licence held by TAM in the vicinity of the Corinna mine.

Exploration is being undertaken to increase the resource quantity and the diversity of resource quality (particularly impurity profile) available for processing at TAM's Wynyard factory.

Datum used in this report is GDA94.

**Figure 1: Location Map**  
**Corinna Mining Lease and Middleton Creek Exploration Licence**



Base map from theLIST ([www.thelist.tas.gov.au](http://www.thelist.tas.gov.au)), © State of Tasmania

## **2. REVIEW OF PREVIOUS WORK**

EL36/2010 was granted to Ron Gregory Prospecting in 2010. EL36/2010 was reduced in size over its life until its surrender in 2016. EL20/2016 lies in part of the final area of EL36/2010. Annual reports for that licence included magnetic and radiometric (K/Th) surveys of the area. However no on-site sampling (eg drilling, test-pitting) appear to have been conducted during the life of that licence. No drilling or pitting records were found in MRT data (The LISTmap Borehole Points of Tasmania).

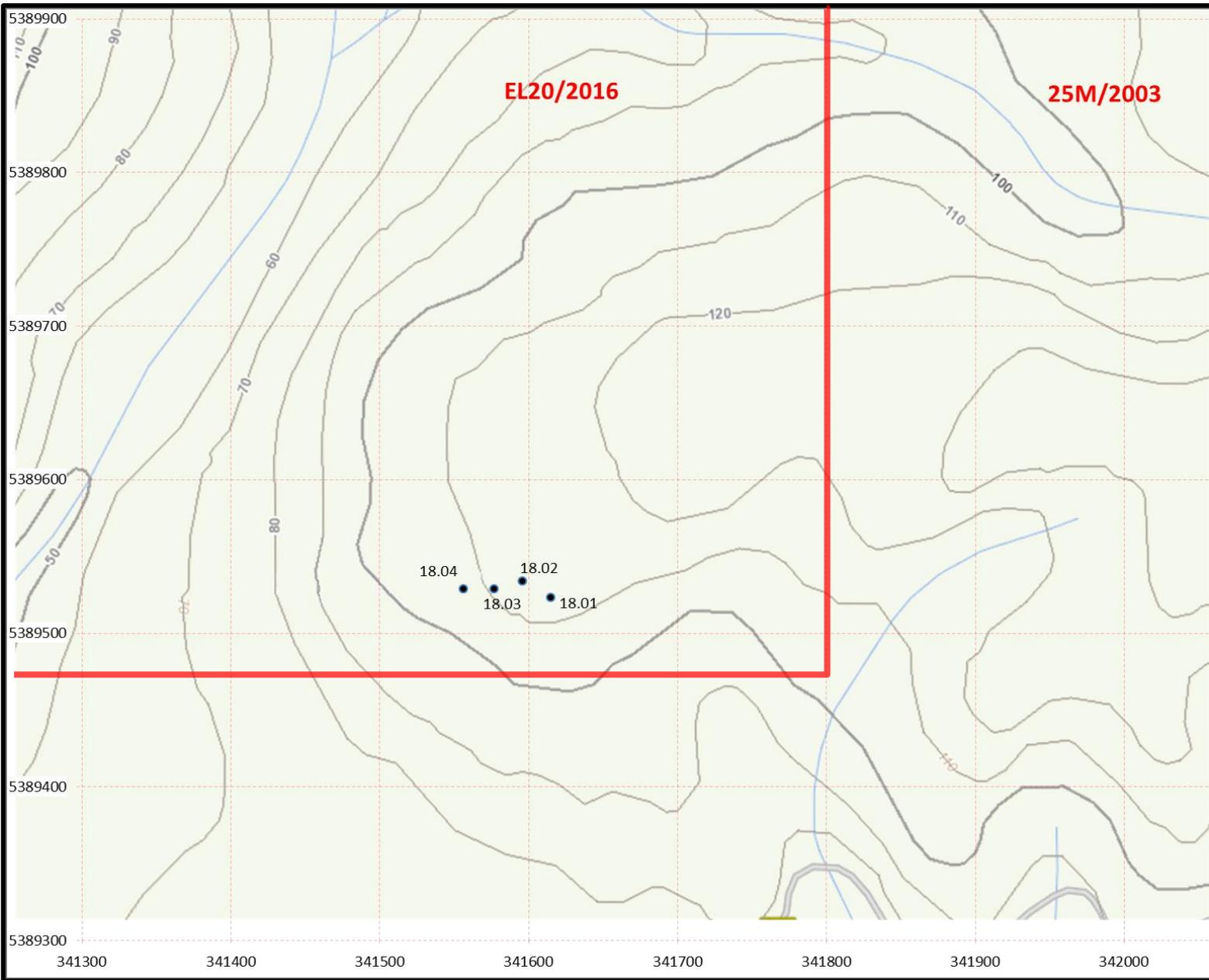
## **3. EXPLORATION COMPLETED DURING THE REPORTING PERIOD**

An Exploration Works Program (ref. WPA17/23) was approved on August 31 2017. Part of the existing Ridge Track was cleaned off using a 14t Doosan excavator. Four test pits were dug to 4m depth, see Figure 2.

The pits intercepted tertiary gravel, sand and clay. Silica flour was not intercepted, so no analyses were conducted.

Further pitting and drilling was permitted under the Works Program, and was planned to be done, but was not completed due to conflicting priorities on manpower and equipment.

**Figure 2: Pit Locations**



Base map from theLIST ([www.thelist.tas.gov.au](http://www.thelist.tas.gov.au)), © State of Tasmania

#### **4. DISCUSSION OF RESULTS**

The amount of exploration work was limited because of conflicting priorities, and the four pits that were excavated did not intercept the target silica. The inability to find silica in this round of work does not suggest that a resource is not present, rather that more work is required.

#### **5. CONCLUSIONS**

Further exploration as approved by the existing Works Program is required to determine if a resource exists in the area of interest. This work will be carried out over the coming reporting period.

In addition TAM intends reviewing past gold exploration activity over EL20/2016 and adjoining ML25m/2003. The review to pay particular attention to the most recent programs undertaken by Aberfoyle resources in 1989/90 and Goldstream Titan JV in 1997/98 and any more recently conducted airborne geophysical survey data. Professor Ross Large has agreed to undertake this review.

#### **6. ENVIRONMENT**

Test pits were back filled. Vegetation was pulled back on the cleaned-off tracks. There are no outstanding rehabilitation issues.

## **EXPENDITURE**

Expenditure for this reporting period is listed below:

Geochemistry	\$0
Mapping & Plotting	\$3,000
Drilling & Pitting	\$12,799
Feasibility Studies	\$2,200
Other	\$256
Administration	<u>\$1,826</u>
<b>Total Costs</b>	<b>\$20,081</b>

## **REFERENCES**

nil