

**Moina Gold Pty. Ltd.**  
**Annual Report on Exploration**  
**EL 33/2010 “Wanderer River”**  
**March 2019 to March 2020**

**Executive Summary**

No work was carried out on the tenement in the reporting year.

Attempts have been made to attract other JV partners.

Recommendations remain for 3D IP and trace element lithogeochemical sampling over the area of anomalous zinc in soils in the eastern block and similar work, following reconnaissance mapping/sampling, over the western block.

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## **1.0 Introduction**

### **1.1 Exploration Philosophy**

Moina Gold Pty Ltd is exploring for base and/or precious metals. Mineralisation styles targeted are VHMS (Volcanogenic Hosted Massive Sulphides) either as seafloor precipitates or shallow subseafloor replacement, and/or hybrid VHMS/epithermal precious metal rich vein and/or replacement deposits.

### **1.2 Geology**

EL 33/2010 covers a highly significant portion of the southernmost land extent of the Mt Read Volcanics. For a detailed geological description of the prospective rocks the reader is referred to Corbett (2003).

In the eastern tenement block felsic volcanics and volcanoclastics of the Mt Read Volcanics are unconformably overlain along their western margin by felsic volcanoclastics and shales of the Waterloo Creek Group, in turn conformably overlain by the Ordovician siliciclastic sediments of the Denison Group.

In the western tenement block the Western Epiclastic unit of felsic volcanoclastics, finer sediments and only occasional basaltic-andesite or gabbro, is fault juxtaposed along its eastern margin with the Ordovician siliciclastic sediments of the Denison Group. On its western margin the Western Epiclastics are in probable faulted contact with the Mainwaring River Volcanics, a unit of basalt-andesite and mafic volcanoclastics with common gabbros.

### **1.3 Tenure**

EL 33/2010 was granted Frontier Resources Ltd (90%) and Exploration and Management Consultants Pty. Ltd. (10%) on 28<sup>th</sup> March 2011 and transferred to Torque Mining Ltd on 4<sup>th</sup> May 2012. In early 2016 the tenement was transferred to Moina Gold Pty Ltd. On 28<sup>th</sup> March 2017 the licence was extended for a period of two years.

### **1.4 Location**

EL 33/2010 is located very near to the remote southwestern coast of Tasmania (see Figure 1.1) around 40 kilometres west of Strathgordon and 80 kilometres south of Strahan.

### **1.5 Access**

Access to the area is difficult with no continuous road access to the rest of the state. The only vehicular track to the area, a rough 4WD track known as the Low Rocky Point Track commences at the southern end of Birch's Inlet off the southeastern corner of Macquarie Harbour and thus requires boat transport.

This track crosses a bridge over the Wanderer River which has been decommissioned restricting vehicular access to the licence.

Access is most commonly made by helicopter either from Strahan or Strathgordon.

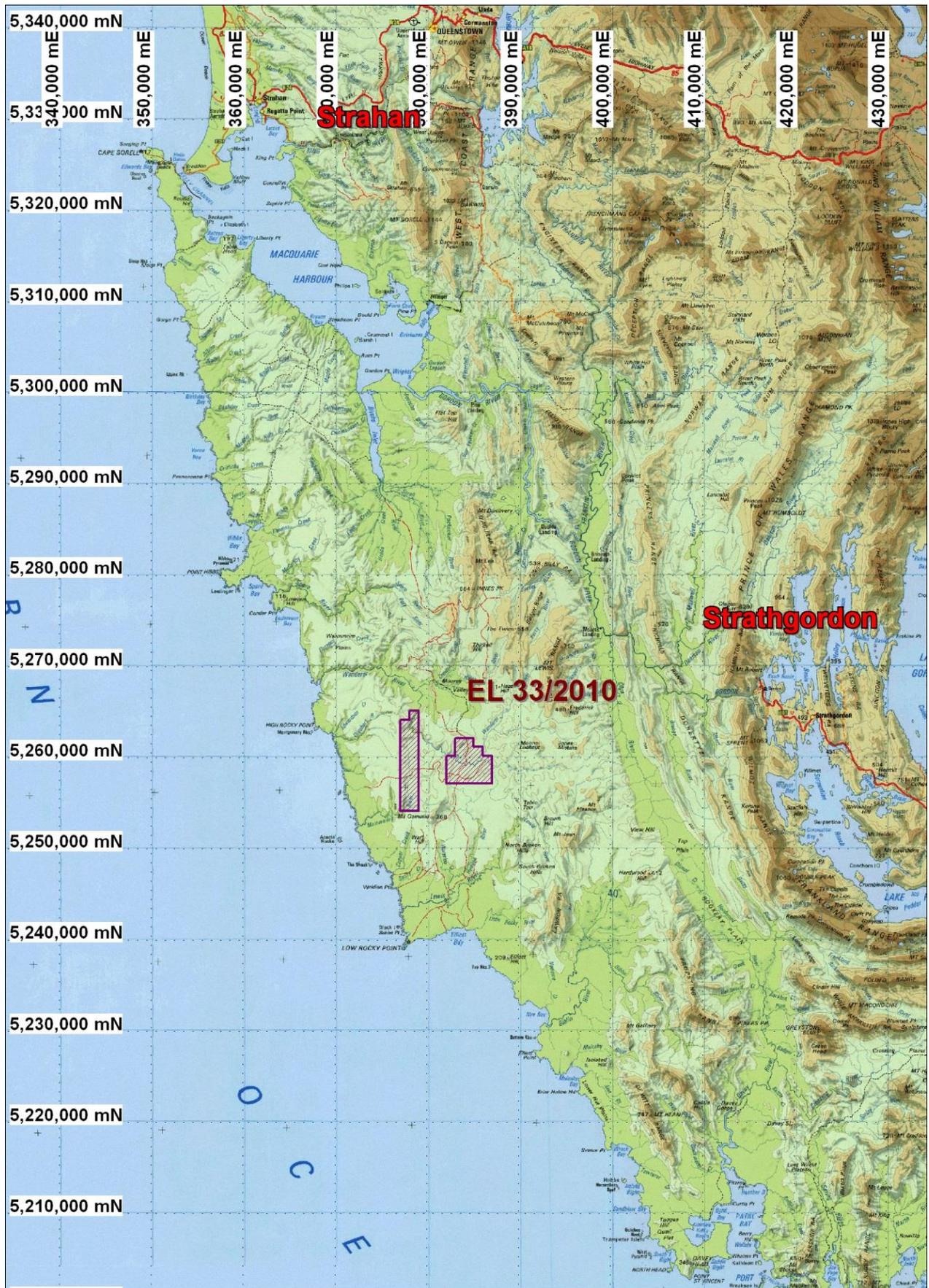


Figure 1.1: EL 33/2010 "Wanderer River" location.

## **1.6 Topography and Vegetation**

Much of the prospective country is low lying, however, Ordovician siliciclastics which stratigraphically overlie the prospective volcanics, form mountain ranges in the northern part of the license area as well as Mt Osmund in the southern part.

The majority of the license is covered with low standing, open coastal heath and button grass. Creek gullies and some of the areas in the western and easternmost parts have wet sclerophyll vegetation.

## **1.7 Land Use**

The Wanderer River license area is crown land and is classified as part of the South West Conservation Area. As such it is open to mineral exploration.

The Tasmanian Government proclaimed the prospective rocks south of Macquarie Harbour to be within the Sorell Peninsula Prospectivity Zone, a recognition of the mineral potential of the area. Under this act any change in the status of the land within the zone requires the approval of both houses of the Tasmanian parliament with any affected party entitled to compensation (this does not cover any decisions of the Federal government).

## **2.0 Review of Previous Work**

A thorough review of previous exploration is given in MacDonald (2015).

### **3.0 Exploration Completed March 2019 to March 2020**

No exploration work was carried out during the reporting year.

Recommendations were made in the preceding annual report and this work is still waiting to be completed.

#### **4.0 Discussion of Results**

There are no results to discuss.

## **5.0 Conclusions**

The digital compilation of existing exploration data has highlighted the potential of the eastern block to host VHMS and hybrid VHMS/epithermal mineralization and of the western block to host structurally hosted mineralization, particularly copper.

Recommendations for a 3D IP survey and trace element lithogeochemical sampling over the eastern block in particular and similar work on the western block following field reconnaissance geological mapping and sampling remain in place.

## **6.0 Proposed Work**

It is proposed that a 3D IP survey and trace element lithochemical sampling programme be carried out over the eastern block in particular with similar work completed on the western block following field reconnaissance geological mapping and sampling.

## **7.0 Environmental Management**

Work during the life of the tenement has consisted of a helicopter flown VTEM survey with no ground follow-up as such there are no outstanding environmental issues.

## 8.0 Expenditure

	\$
Geology	1000
Geochemistry	0
Geophysics	0
Remote Sensing	0
Drilling	0
Gridding	0
Land Access	0
Rehabilitation	0
Feasibility Studies	0
Other	3178
<u>Administration</u>	<u>100</u>
Total	4278

## 9.0 References

Corbett, K D. (2003). A review of geology and exploration in the Macquarie Harbour-Elliott Bay area South West Tasmania. Tasmanian Geological Survey Record 2003/04.

MacDonald G., (2011) Annual Report on Exploration 2010/2011 EL 20/1996 Elliott Bay (closed file)

MacDonald, G. (2012) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2011 to March 2012 - *Unpub. Rept. closed file report for Frontier Resources Ltd EL332010\_201203*

MacDonald, G. (2013) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2012 to March 2013 - *Unpub. Rept. closed file report for Torque Mining Ltd EL332010\_201303*

MacDonald, G. (2014) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2013 to March 2014 - *Unpub. Rept. closed file report for Torque Mining Ltd EL332010\_201403*

MacDonald, G. (2015) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2014 to March 2015 - *Unpub. Rept. closed file report for Torque Mining Ltd EL332010\_201503*

MacDonald, G. (2016) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2015 to March 2016 - *Unpub. Rept. closed file report for Torque Mining Ltd EL332010\_201603*

MacDonald, G. (2017) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2016 to March 2017 - *Unpub. Rept. closed file report for Moina Gold Pty Ltd EL332010\_201703*

MacDonald, G. (2018) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2017 to March 2018 - *Unpub. Rept. closed file report for Moina Gold Pty Ltd EL332010\_201803*

MacDonald, G. (2019) EL 33/2010 Wanderer River Annual Report on Exploration Activity March 2018 to March 2019 - *Unpub. Rept. closed file report for Moina Gold Pty Ltd EL332010\_201803*