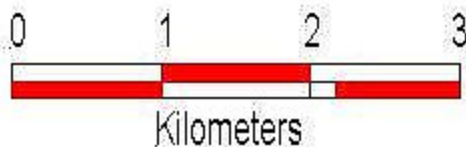


Northern
Highway

Heathcote -
Rochester Rd

Redcastle

EL006951



NOTICE OF APPLICATION FOR AN EXPLORATION LICENCE

Mineral Resources (Sustainable Development) Act 1990 – Section 15(5)
Mineral Resources (Sustainable Development)(Mineral Industries) Interim Regulations 2018 – Regulation 20 (1) and Schedule 7

1. Name and address of applicant.

Petratherm Limited
c/- 21 McCallum St. CARISBROOK VIC 3464

2. Contact phone number of applicant for map requests.

Mr Noel Laidlaw, Agent 0448 568 429 laidlaw@dodo.com.au

3. Applicants Website NB Further information about this application is available at this website:

<http://members.dodo.com.au/laidlaw3/>

4. Details of the application:

Application number:EL006951

Locality of the land to which the application relates: Straddling the Northern Highway 10 kms West of Redcastle

Approximate area of the application: 58 sq/kms

Date of the application: 15th March 2019

The nature of the proposed program of works to which the application relates: Literature research

Mapping, Sampling, Drilling, Resource assessment

Term Applied for: 5 years

5. Objections

Any person may object to a licence being granted (section 24, Mineral Resources (Sustainable Development) Act 1990)

A person who objects must:

- (a) Put the objection in writing; and
- (b) Include the grounds on which it is made.

Objections must be lodged within 21 days after the latest date on which the application was advertised and can be lodged on-line (<https://rram/force.com/ObjectionSubmission>) or posted to:

The Minister for Resources c/- Team Leader Licensing, Earth Resources Regulation, GPO Box 2392 MELBOURNE 3001.

It is recommended that objections be lodged on-line to ensure timely consideration.

Inquiries can be made by writing to the Team Leader Licensing at the above address or by phoning the Earth Resources Information centre on 1300 366 356.

6. Other statutory Requirements.

(a) Subject to other statutory requirements being satisfied, an exploration licence, if granted, entitles the holder of the licence to explore and search for minerals on the relevant land, but does not entitle the holder to undertake mining.

b) Further information regarding the statutory requirements that must be complied with prior to work being undertaken on a licence, including landowner and occupier consent requirements is available on the Department's internet site at <http://earthresources.vic.gov.au/earth-resources-regulation/information-for-community-and-landholders/mining-and-extractives>

Work programme – Exploration Licence Application EL6951 “Silver Spoon”

The exploration will target shallow bulk low grade and under ground high grade reef gold deposits. The tenement application covers an area of approximately 70 km². The exploration is early stage and no immediate focus areas have been identified as yet and therefore is regional in its context.

Nature of office-based activities

- Review of open file historical exploration reporting and compilation of historical open file geological and geophysical data.
- Geophysical data sets (gravity and magnetics) will be interrogated and re-processed to produce detailed local maps
- Compilation of geological mapping, geophysical images, roads and land tenure data, soil sampling, drilling data, rock geochemistry data into a GIS interface.
- Inspection and re-evaluation of historical drill core if available
- Interpretation of the GIS database to determine prospective areas and to scope appropriate future ground activities.

Nature of all on-ground exploration activities

- Geological mapping of outcrop and assessment of the cover to determine its applicability for soil sampling.
- Mapping of historical gold and base-metal prospects and areas showing alteration previously interpreted as potentially due to volcanic massive sulphide style alteration.
- Soil geochemical sampling (provided the covered areas are deemed amenable to this method of exploration).
- Detailed ground gravity survey to define main under cover faults/structures for later drill targeting.

The nature of all sub surface activities

- Aircore drilling – regional traverses over prospective areas defined by mapping and/or soil geochemistry and/or geophysics.
- Follow up RC drilling if air-core drilling is successful and warranted.
- Follow-up diamond and RC drilling if warranted to aid determination of ore zones and shoot morphology.

A description and nature of the targets that the program seeks to delineate

The tenement area is mostly under shallow cover and only previously lightly explored. The initial focus will be regional in its extent. Gravity data in particular will be used to identify basement faults that may control the localisation of gold mineralisation within the host meta-sedimentary units beneath the cover. Recent historical gold exploration under cover, such as that shown with the discovery of 4 Eagles Prospect demonstrates an arsenic geochemical halo up to 300 m across strike and up to 500 m along strike where strong gold mineralisation occurs within the weathered bedrock (sapolite) zone. Basement sampling with regional air core drilling is a cost effective way to locate probable primary gold zones for later drilling follow up.

One initial focus area, are some sporadic historic workings spatially associated with major faults such as the Silver Spoon Fault (Figure 1). Noted also are some historical jasper occurrences that may be indicative of an alteration cap associated mineralising fluids.

As far as practicable, an indication of the location and focus of the proposed exercises with location maps

Some of the tenement area contains out crop and sub-cropping areas amenable for rock chip sampling (Figure 1). These areas will be mapped and sampled to identify structures, any quartz reef development and areas of alteration.

The initial mapping and sampling work will also identify areas amenable for soil sampling, which will be later grid sampled.

Remaining covered areas will be assessed utilising principally gravity data to determine basement fault structures. If thought necessary infill gravity work will be undertaken. These areas intern will undergo regional air-core drilling to try and locate gold and arsenic anomalism. Likely drill spacing would comprise W-E traverses approximately 1 km space and with hole spacing approximately 150m along lines.

A description of the geological rational behind the proposed program

The proposed tenement area occurs within the world-class Victorian Gold Province. The exploration methodology summarised above for gold under cover, has proven successful with other explorers. Good examples being the discovery of Lockington, Tandarra, Four Eagles and Ngambie. Soil geochemistry where applicable and regional air-core drilling will be used to locate gold-arsenic halo's to delineate areas for later detailed infill drilling.

A proposed schedule for the exploration program

Year 1

- Review of open file historical exploration data
- Compilation of historical open file geological and geophysical data into a GIS database.
- Geophysical data sets (gravity and magnetics) will be interrogated and re-processed to produce detailed local maps
- Inspection and re-evaluation of historical drill core if available
- Interpretation of the GIS database to determine prospective areas and to scope appropriate future ground activities.
- Landholder and stakeholder communications, access negotiations
- Field reconnaissance mapping of outcrop, assessment of regolith and spot soil and rock chip sampling.

Year 2

- Soil geochemical sampling (provided the covered areas are deemed amenable to this method of exploration).
- Infill gravity survey over covered areas to define faults/structures.

Community Engagement Plan for EL006861

Introduction

There is a legal requirement, S. 39A of the Mineral Resources (Sustainable Development) Act 1990 for a licensee to consult with the community. The provision reads:- *A licensee has a duty to consult with the community throughout the period of the licence by-*

- (a) sharing with the community information about any activities authorised by the licence that may affect the community; and
- (b) giving members of the community a reasonable opportunity to express their views about those activities.

In addition, there is a strong moral and ethical case for licensees informing their local communities as to their plans in these communities and for licensees to listen to the views of the local communities.

In general terms, the licensee must establish the extent of the local community, work out an effective manner in which to communicate with the various members of the community, actually engage in an on-going communications strategy and to effectively deal with the information that it was able to discover.

The Community Engagement Plan

In general terms, the licensee's community engagement plan is broadly based on the following:

1. Identify individuals or groups which may be impacted by the operations on the licence. This would involve the compilation of a list of adjacent landowners, persons living on or in the vicinity of the licence and other community groups which may be impacted by the operations. Groups such as the Victorian Farmers Federation or the local Field Naturalists Club. Government Departments, Federal, State or local, and other government bodies such as CMA's who have a particular interest in the land on which the licence is situated should also form part of the consultation group.
2. It will be necessary to identify the expectations or attitudes of these groups and individuals. Often a direct face to face approach is the best way to engage many members of the community.
3. The licensee will need to assess the impact of their operation on these individuals and groups. Following the consultation, the full impact would be assessed by guidelines provided by the Department.

4. An assessment will be made following the consultation as to what level of community input and involvement can be achieved. There are likely to be a range of matters which may need to be considered. Ideally, many of the ideas and suggestions will be mutually beneficial to both the licensee and the local community. Matters such as working hours or attitudes to working on days of high fire danger or working on hot and windy days may be matters which the local community could have views which need to be considered by the licensees.

5 Any contact or complaint will be noted in a complaints book, and the licensee will promptly make suitable arrangements to contact the complainant. Where possible, the matter would be settled between the two parties, but the local Mines Inspector or the Mining Warden may be requested to assist in resolving any issue or mediating on the matter.

The licensee will produce an information sheet or local newspaper advertising outlining the project and seeking community views and attitudes to the operation.

Such interaction with the community will be used to identify any issues that may be arising from the operations on the licence and will attempt to accommodate the views of the stakeholders in dealing with any such issues.

The community is welcomed for their interest and input into ensuring that there is a minimum of adverse effects to the amenity of the area or the impact on the expectation of the community for the peaceful enjoyment of their local environment.

The licensee is mindful of the need to maintain these exceptionally good community relations and to ensure that the channels of communication between the licence holder and the community in which it operates are kept open. All discussion with the community is based on mutual trust and respect.