

Notice of Application for an Exploration Licence EL007775

Mineral Resources (Sustainable Development) Act 1990 – Section 15(5)

Mineral Resources (Sustainable Development) (Mineral Industries) Regulations 2019 – Regulation 22(1) and Schedule 1

1. Name and Address of Applicant

Worldwide Geological Consulting Group Pty Ltd ; PO Box 166 ; Bridport, Tasmania , 7262

Telephone: 0439 770 601

2. Contact details of applicant (for map and other information requests):

Telephone: 0439 770 601 Email: derek@worldwidegeological.com.au

3. Applicant's website (see notes)

Further information about this application is available at the following website or other location:

www.worldwidegeological.com.au

4. Details of the application:

Application Number: EL007775

Locality of the land to which the application relates: **CHILTERN**

Approximate area of application: (Graticular Sections): 39

Date of the application: 7 October 2021

Term the licence is applied for: 5 years

Outline of the proposed program of work:

Non evasive geophysical methods followed by shallow drilling if mineral targets successfully delineated. Details are available on the website.

5. Objections:

Any person may object to a licence being granted by:

- a. putting the objection in writing; and
- b. including 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 [online](#) or posted to:

The Minister for Resources
c/- Manager Licensing
Earth Resources Regulation
GPO Box 4509
Melbourne Victoria 3001

It is recommended that objections are lodged online to ensure timely consideration:

<https://rram.force.com/ObjectionSubmission>

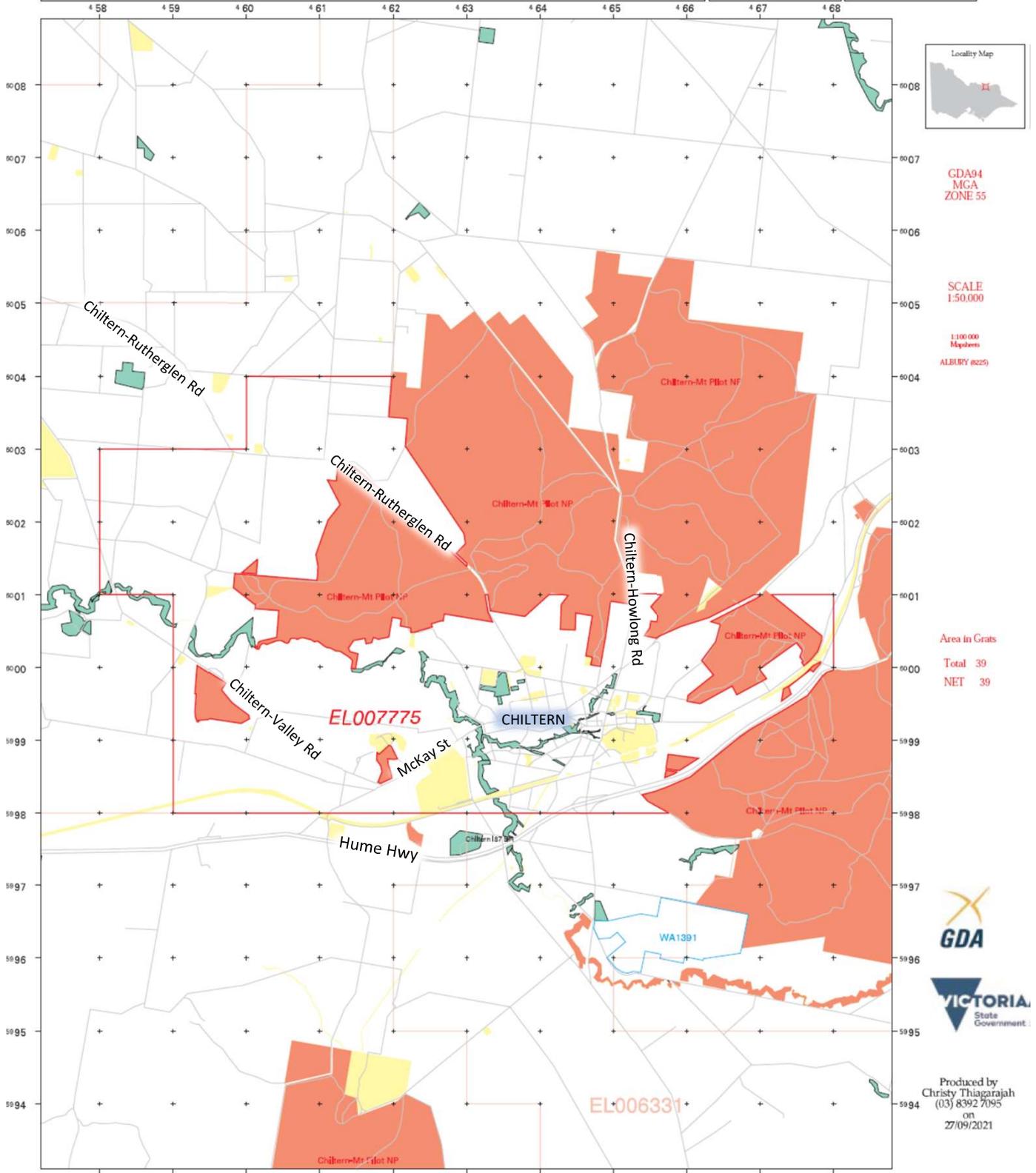
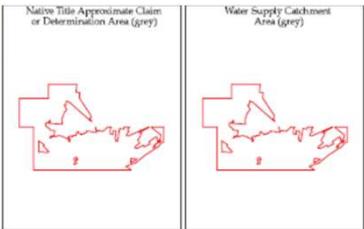
Enquiries can be made by writing to the Manager Licensing at the above address or by phoning the Earth Resources Information Centre on 1300 366 356.

6. Other information:

- a. Subject to other requirements being satisfied, an exploration licence, if granted, entitles the holder of the licence to explore and search for minerals in the relevant land, but does not entitle the holder to undertake mining.
- b. Further information regarding the requirements that must be complied with prior to work being undertaken is available on the department's Community & Land Use page: <https://earthresources.vic.gov.au/community-and-land-use>

EXPLORATION LICENCE APPLICATION 007775

- Unavailable for Searching or Exploration or Mining MRSDA 1990 Sec 6. Includes National, State & Wilderness Parks and Reference Areas
- Exempted from being subject to Exploration &/or Mining Licences. MRSDA 1990 Sec 7. May be revoked by notice in the Govt Gazette.
- Restricted Crown Land. Schedule 3 of MRSDA 1990. Consent required to do work on the land.
- Other Crown Land
- Commonwealth Land. Subject to Commonwealth legislation.
- Exploration Initiative Area exempted for a limited time from being subject to Exploration and/or Mining Licences. MRSDA 1990 Sec. 7
- Land not included in the Licence due to a licence or licence application existing or having priority at the date of application.



GDA94
MGA
ZONE 55

SCALE
1:50,000

1:100,000
Maplets
ALBURY (825)

Area in Grats
Total 39
NET 39



Produced by
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on
27/09/2021

NOTE: The accuracy of the location of the land status areas may vary according to the scale and mapping accuracy. Areas of private land within Crown Land may not be shown. The precise locations should be verified with Crown Land & Assets if access to the land is proposed.

Where the Licence Application abuts unavailable land, the Licence boundary is defined by the boundary of the Unavailable Land. Discrepancies on this plan between the boundaries may be due to scale and mapping inaccuracy.

The Licence does not include Crown land other than roads and road reserves.

Work Programme – Chiltern Project

Exploration Rational and Strategy:

WGCG believes that there is considerable potential for unmined shallow alluvial leads (palaeochannels) within the application area that have drained the gold reef systems in the area. Historical shallow lead mining is clearly evident in the application area and initial investigations have confirmed that this mining was restricted to one shallow lead system but there is evidence of additional leads that appear untouched.

WGCG via Loza Radar Australia will undertake close spaced deep ground penetrating radar (dgpr) survey lines to map the sub-surface to depths of 25m to accurately locate these leads and to establish a detailed sub-surface map of the application area. This will allow targets to be ranked for drilling to test for gold grades. Loza Radar Australia has successfully undertaken similar grp surveys for clients in other parts of Australia and Overseas such that the technology does work and is applicable to this project.

Critically, the application of deep ground penetrating radar is a NON-EVASIVE exploration tool that causes no ground disturbance and requires no land clearing. DGPR acquisition is rapid and in most cases, surveys can be completed in one to two days on small land areas.

Year 1:

Undertake broad spaced reconnaissance deep ground penetrating radar to identify undiscovered shallow leads (palaeochannel) to generate a map and model of the location and dimensions of any leads. Year One focus will be within the area of the Chiltern Valley Lead and Durham Lead with dgpr lines approximately 100m spaced and of varying line lengths possibly generating a total of 10 line km of data.

Year 2:

Undertake additional both broad spaced deep ground penetrating radar to identify undiscovered shallow leads (palaeochannel) to add to the generated map and model from Year One. Year Two focus will be include substantiating any shallow leads identified from Year One as well as testing the smaller shallow lead systems such as Scotchman and Guy Fawkes to obtain preliminary shallow lead dimensions. DGPR lines will be 100m spaced and of varying lengths in areas of no coverage but may be 25m spaced in areas identified from Year One - possibly generating a total of 50 line km of data, including tie lines.

Generate sub-surface contour and 3D model of any lead systems identified to assist with year 2 work.

Undertake preliminary drilling to test selected areas of identified lead systems for gold content to confirm potential economic grades exist within the mapped lead system. Depending on ground conditions a small truck/4WD mounted auger system will be deployed. Number of drill holes will depend on targets generated and spacing required to adequately test the targets.

Year 3:

Year 3 work is dependent on previous years work and results and will comprise additional dgpr and drilling with the aim of highlighting areas suitable for potential mining via progression to Prospecting Licences or other.

DGPR would consist of infill survey lines, possibly 50 km in total to confirm sections of any shallow lead mapped to be potential low points for gold concentration. A detailed 3D model will be required that will assist in ranking areas for detailed drilling.

Undertake drilling to test selected areas of identified lead systems for gold content to confirm potential economic grades exist within the mapped lead system. Depending on ground conditions a small truck/4WD mounted auger system will be deployed. Number of drill holes will depend on targets generated and spacing required to adequately test the targets and could number as much as 500 holes.

Year 4 and Year 5:

This will be an evaluation stage involving small bulk sampling to trial mine areas confirmed from Year 3 as being potential economic targets.

Additional dgpr and drilling may still be required based on results from the preceding years such that the work currently envisaged for Year 4 may roll over into Year 5

Scale of the bulk sampling is difficult to project at this stage and is dependent on the depth to target zone. Any bulk sample size would be of a scale to confirm mining could be planned and involve excavation, screening and processing to recover heavy minerals. WGCG has access to a 5 ton per hour wet processing plant that will allow for alluvial gold to be recovered and hence gauge the economics of any shallow lead mining.

Yours sincerely,



Derek Reeves

27/09/2021