

A modern mining company



WMP-CON-686 | 2023 Sterilisation Drilling Program

Please note that any EOI submissions, that do not have a fully completed West Musgrave Supplier Registration Form, will not be considered. WMP PACKAGE NUMBER WMP-CON-686

Procurement Route

OZ Minerals Musgrave Operations Pty Ltd (**OZ Minerals**) requires the services of a suitably qualified and resourced drilling services provider to complete approximately 2200m of Reverse Circulation (**RC**) drilling for the purposes of testing recently identified geophysics anomalies at the West Musgrave mine site (**Site**).

OZ Minerals estimates that these drilling activities will take approximately 4.5 weeks to complete and will be undertaken during day light hours only. The optimal timing for the drilling activities to be undertaken is currently scheduled for May to Jun 2023 (inclusive) and during a period when there is sufficient accommodation availability on Site.

Requirement / Scope of Works

The scope of work includes, but is not limited to the following:

- Established management systems & processes (i.e., safety, commercial, reporting, human resources) to successfully support the full delivery of drilling service activities.
- Suitably qualified and competent personnel to safely and professionally complete RC drilling activities.
- RC drill rig and support equipment to achieve typical drill hole design specifications and performance efficiencies.
- A suitable mechanised rod handling system on the nominated RC drill rig.
- RC drill rig sampling system to enable the collection of quality RC samples, ensuring that samples remain as dry as practically possible at all times.
- RC Drill rig alignment equipment to ensure that drill holes are completed within 1.0 degree of azimuth and 0.5 degree of dip.
- Survey instrumentation to ensure downhole surveys can be completed at required intervals down the length of a drill hole.
- Maintenance facilities, systems, tooling & resources to ensure the safe and reliable operation of all equipment necessary for the delivery of drilling services.
- Supply all consumables required to deliver the RC drilling services.
- Experience in safely casing (i.e., PVC) RC holes of similar depth in a range of ground conditions.

Further Technical Information (if applicable)

Ground conditions are well understood at West Musgrave, having completed a significant amount of drilling historically across the Site. The drilling program being proposed here will be conducted proximal to the existing known foundation deposits of Nebo & Babel. Noting that the Nebo & Babel deposits are approximately 1.5km apart and are centrally located to the Site.

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The below tables are indicative of the lithological strata depths that can be expected.

Cover	0m – 20m	Recent sands (i.e., dune)
Oxide	20m – 70m	Paleo-channel clays and gravels (n.b. typically saturated)
Transition	70m – 150m	Laterite (i.e., gneiss, gabbro)
Fresh Rock	150m ⁺	Hard rock (i.e., gneiss, gabbro)

Table 1 – Approximate lithological strata profile across the Nebo deposit

Cover	0m – 10m	Recent sands (i.e., dune)
Oxide		<i>Not Applicable</i>
Transition	10m – 50m	Laterite (i.e., gneiss, gabbro)
Fresh Rock	50m ⁺	Hard rock (i.e., gneiss, gabbro)

Table 2 – Approximate lithological strata profile across the Babel deposit

The average hole depth currently planned is between 300m to 400m, with the majority of drilling to be undertaken within a strata profile similar to that cited in Table 2 above. Drilling conditions in fresh rock generally are expected to be hard but good, with drilling rates historically in this domain reaching 75 – 85 metres per shift on average.

Important to note however that some of the drilling as a part of this program will need to be completed within a known saturated paleo-channels and this will require prior knowledge and experience in these types of ground conditions.

Forward looking

At the discretion of OZ Minerals, on the receipt of expressions of interest (EOIs) OZ Minerals will review and on short-listing, formally advise each successful contractor/supplier if they will be invited to participate in a formal Request for Tender (RFT) process.

Submission of Expression of Interest (EOI)

Please express your interest by completing the [West Musgrave Supplier Registration](#).

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Please email WMPCommercial@ozminerals.com should you have any questions.