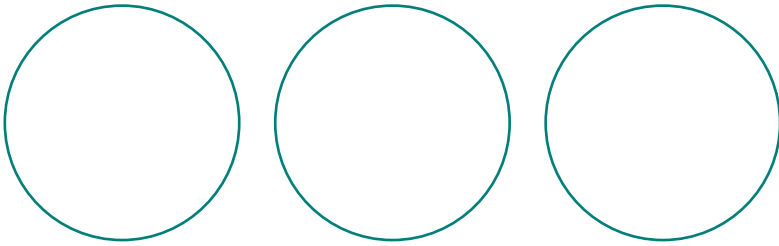


# 14

## NOISE



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# 14 NOISE

*A Noise Assessment was undertaken for the Ensham Central Project Environmental Impact Statement and is presented in Section 14 and Appendix G of the Ensham Central Project Environmental Impact Statement. This section describes the changes to the predicted noise assessment for the Revised Central Area Mining Methodology.*

## 14.1 INTRODUCTION

A detailed assessment of noise impacts was undertaken by Bassett Acoustics for the Ensham Central Project (ECP) Environmental Impact Statement (EIS). It addressed noise issues associated with the project, including those described in the ECP EIS Terms of Reference and raised by stakeholders during the ECP EIS consultation program.

The Ensham mining operations associated with the Revised Central Area Mining Methodology (RCAMM) do not involve any additional noise sources compared to the mining operations assessed in the ECP EIS. The total Ensham mining activities, including the RCAMM, involve the removal of approximately 830 ha of open cut mining from the central floodplain area previously proposed in the ECP EIS, and a significant reduction in the peak total mine production from 20 Mtpa to 8-12 Mtpa. The overall noise emissions and associated noise impacts of the mining operations associated with the RCAMM are therefore significantly reduced in comparison to the noise impacts presented in the ECP EIS.

The ECP EIS noise assessment concluded that the mine would be compliant with all relevant noise criteria and that no noise mitigation measures were necessary. The Ensham mining operations, including the RCAMM, are therefore also predicted to be compliant with the applicable noise criteria.

As proposed in the ECP EIS, the proponent has an existing complaints handling protocol to respond to any complaints in relation to noise and conduct noise investigations, where necessary. The proponent will also undertake noise monitoring in response to complaints and/or at the request of the DERM.

Impacts from blasting are addressed separately in Section 15 - Blasting.