



**Australian Government**

# **RIIEGS306D Prepare drill site**

**Release: 1**

## **RIIEGS306D Prepare drill site**

### **Modification History**

Not applicable.

### **Application**

This unit describes a participant's skills and knowledge required to prepare a drill site in Metalliferous mining.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

### **Unit Sector**

Metalliferous mining

## Elements and Performance Criteria

1. Plan and prepare for drill site preparation	<p>1.1. Access, interpret and apply drill site preparation documentation and ensure the work activity is compliant</p> <p>1.2. Obtain, read, interpret, clarify and confirm the drill site layout plan to confirm the location, size and configuration of the proposed drill site</p> <p>1.3. Identify and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.4. Select and wear personal protective equipment appropriate for the work activities</p> <p>1.5. Establish communication system and protocols</p> <p>1.6. Carry out plant and equipment pre-start checks</p>
2. Create access to drill site	<p>2.1. Identify existing tracks and use for entry to drill site</p> <p>2.2. If necessary, create new tracks which minimises water flows and erosion by following the natural contours of the land</p> <p>2.3. Create new tracks to drill site which minimise the clearing of vegetation by avoiding large trees and preserving root stocks</p> <p>2.4. Raise blades to a minimum of 150mm when using machinery to prepare access blade</p> <p>2.5. Cut or trim larger trees if unavoidable</p> <p>2.6. Stockpile or windrow cleared vegetation for use during site rehabilitation</p>
3. Prepare drill site	<p>3.1. Clear drill site removing minimum vegetation</p> <p>3.2. Seek permission from appropriate person to move hole location if vegetation significantly impedes access to the proposed drill site</p> <p>3.3. Manually clear ground cover to prevent fire hazards to drill rig</p> <p>3.4. Leave mature trees undisturbed</p> <p>3.5. Build sumps and bunds on the downside of the hole collar location</p>
4. Minimise impact of contaminated groundwater	<p>4.1. Identify the possible presence of groundwater which may be a threat to vegetation during drilling operations</p> <p>4.2. If groundwater is discovered, construct appropriate number of sumps to recommended configuration and distances from the drill rig location</p> <p>4.3. Store topsoil removed from sump construction separately to facilitate more effective rehabilitation</p>

5. Manage rare flora	5.1. Determine the presence and type of rare flora before clearing vegetation, 5.2. Seek advice on the action to be taken where rare flora are identified
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## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

## Unit Mapping Information

RIIEGS306A Prepare drill site

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>