



Australian Government

RIIEGS303D Provide geological field assistance

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIEGS303A Provide geological field assistance
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to provide geological field assistance 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 geological field assistance	1.1. Access, interpret and apply geological field assistance documentation and ensure the work activity is compliant 1.2. Obtain, read, interpret, clarify and confirm work requirements 1.3. Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4. Arrange communications method and protocols with field team members 1.5. Select and wear personal protective equipment appropriate for work activities 1.6. Select and obtain relevant geological instruments and field equipment for work activities 1.7. Perform geological instrument and field equipment checks to
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	ensure instruments and equipment are ready for operation 1.8. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Collect and classify common rocks, ores and minerals	2.1. Take rock, ore and mineral samples according to site procedures and geologists requirements 2.2. Communicate field activities and results to relevant personnel 2.3. Examine specimens or outcrops to identify the properties and classify specimens into geological types 2.4. Compile records of all sampling results
3. Use geological maps and sections	3.1. Interpret correct symbols to read geological maps and sections 3.2. Interpret and record geological problems using block diagrams 3.3. Interpret and record geographical features from landforms and maps 3.4. Identify, in weathered outcrop, simple features as signs of the fresh rock type 3.5. Carry out basic geological surveying techniques

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

RIIEGS303A Provide geological field assistance

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>