

Title	Evaluate a mine plan, interpret, and execute sampling procedures		
Level	4	Credits	12

Purpose	People credited with this unit standard are able to: evaluate, interpret, and execute sampling techniques from a mine plan; and evaluate, interpret, and execute resource consent implications from a mine plan.
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Classification	Extractive Industries > Surface Extraction
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Available grade	Achieved
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Guidance Information

- 1 Where the term *mine* is used, *quarry* is equally applicable.
- 2 Performance of the outcomes of this unit standard must comply with the Resource Management Act 1991.
- 3 Definition
Company policy and *company procedures* mean the documented methods for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.
- 4 This unit standard is intended for, but is not limited to, workplace assessment.

Outcomes and performance criteria

Outcome 1

Evaluate, interpret, and execute sampling techniques from a mine plan.

Performance criteria

- 1.1 Optimum location of sampling points is determined in relation to existing data.
- 1.2 Optimum method of sampling is selected in relation to deposit characteristics.
- 1.3 Samples are processed in accordance with pre-determined parameters and company policy.
- 1.4 Sample results are interpreted and evaluated against the aim of the programme.

1.5 Revised plan is executed in accordance with company policy.

Outcome 2

Evaluate, interpret, and execute resource consent implications from a mine plan.

Performance criteria

- 2.1 Resource consents issued are interpreted in accordance with company expectations for a given mine site.
- 2.2 Physical measurements required for compliance with consent conditions are determined in accordance with legislation and company procedures.
- 2.3 Ongoing implications in relation to costs, personnel, and equipment are evaluated and determined in accordance with company policy.
- 2.4 Determined work is executed in relation to evaluation and determination.
- 2.5 Ongoing evaluation, control, testing and sampling are maintained, and improvements are implemented in accordance with resource consent and company procedures.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 1999	31 December 2019
Review	2	27 January 2005	N/A
Rollover and Revision	3	16 July 2010	N/A
Rollover	4	25 January 2018	N/A

Consent and Moderation Requirements (CMR) reference	0114
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.