

<b>Title</b>	<b>Read and interpret a quarry site plan</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to read and interpret a quarry site plan.
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<b>Classification</b>	Extractive Industries > Surface Extraction
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<b>Available grade</b>	Achieved
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### Guidance Information

#### Definition

*Industry best practice* may be documented in management plans, control plans, company procedures, managers' rules, occupational health and safety policy, industry guidelines, codes of practice, manufacturers' instructions, and safe working and/or job procedures (or equivalent).

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### Outcomes and performance criteria

#### Outcome 1

Read and interpret a quarry site plan.

#### Performance criteria

- 1.1 Symbols and terminology are interpreted in accordance with the key and industry best practice.
- 1.2 Bearing, distance, and grade between two points are determined.
- 1.3 Co-ordinates from a plan are determined to a fixed position.
- 1.4 Symbols are interpreted in relation to physical features and locations at the quarry.

**Range** may include but is not limited to – power lines and pylons substations, plant, fences, barriers, roads, tracks, bridges, culverts, tanks, sumps, dams, railway, communication lines, emergency facilities, pits, backfills, waste dumps, rehabilitation areas, old workings, surface reservoirs, permit boundaries, trig stations, field points.

1.5 Symbols and diagrams relating to geological and geotechnical features on the plan are interpreted in relation to a site.

Range may include but is not limited to – faults, folds, anticlines, synclines, wash-outs, dykes, structure contours, surface contours, outcrops, drainage paths, streams, rivers.

1.6 The scaling of the plan is described in terms of accuracy and application.

<b>Planned review date</b>	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#### Status information and last date for assessment for superseded versions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	1 March 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.