

**Project Name:** BL  
**Project Code:** BL **Site ID:** B337 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

|                        |                           |                   |                     |
|------------------------|---------------------------|-------------------|---------------------|
| <b>Desc. By:</b>       | G.D. Hubble               | <b>Locality:</b>  |                     |
| <b>Date Desc.:</b>     | 01/10/57                  | <b>Elevation:</b> | 300 metres          |
| <b>Map Ref.:</b>       | Sheet No. : 8942 1:100000 | <b>Rainfall:</b>  | 0                   |
| <b>Northing/Long.:</b> | 150.233333333333          | <b>Runoff:</b>    | Moderately rapid    |
| <b>Easting/Lat.:</b>   | -27.554166666667          | <b>Drainage:</b>  | Imperfectly drained |

**Geology**

|                      |          |                                    |   |
|----------------------|----------|------------------------------------|---|
| <b>ExposureType:</b> | Soil pit | <b>Conf. Sub. is Parent. Mat.:</b> | No Data   |
| <b>Geol. Ref.:</b>   | Qs       | <b>Substrate Material:</b>         | Soil pit, 0.36 m deep, Unconsolidated material (unidentified) |

**Land Form**

|                         |         |                        |           |
|-------------------------|---------|------------------------|-----------|
| <b>Rel/Slope Class:</b> | No Data | <b>Pattern Type:</b>   | Plain     |
| <b>Morph. Type:</b>     | No Data | <b>Relief:</b>         | 24 metres |
| <b>Elem. Type:</b>      | Plain   | <b>Slope Category:</b> | No Data   |
| <b>Slope:</b>           | 0 %     | <b>Aspect:</b>         | No Data   |

**Surface Soil Condition (dry):** Hardsetting

**Erosion:**

**Soil Classification**

|  |  |                                |              |
|--|--|--------------------------------|--------------|
| <b>Australian Soil Classification:</b> |  | <b>Mapping Unit:</b>           | N/A          |
| Eutrophic Mesonatric Red Sodosol       |  | <b>Principal Profile Form:</b> | Dr2.22       |
| <b>ASC Confidence:</b>                 |  | <b>Great Soil Group:</b>       | Solodic soil |

Analytical data are incomplete but reasonable confidence.

**Site Disturbance:** No effective disturbance other than grazing by hoofed animals

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - Chloris species, Aristida species  
Mid Strata - Tree, 3.01-6m, Closed or dense. \*Species includes - Acacia harpophylla, Eremophila mitchellii  
Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - Casuarina cristata, Eucalyptus species

**Surface Coarse Fragments:** No surface coarse fragments

**Profile Morphology**

|    |               |  |
|----|---------------|--|
| A1 | 0 - 0.1 m     | Brown (7.5YR5/4-Dry); ; Loam (Heavy); Massive grade of structure; Dry; Very firm consistence; Field pH 6.3 (pH meter); Clear change to -   |
| A2 | 0.11 - 0.15 m | Light brown (7.5YR6/4-Dry); ; Loam (Heavy); Massive grade of structure; Few (<1 per 100mm <sup>2</sup> ) Very fine (0.075-1mm) macropores, Dry; Very firm consistence; 0-2%, angular, Substrate material, coarse fragments; Field pH 6.6 (pH meter); Clear change to - |
| B2 | 0.15 - 0.36 m | Dark reddish brown (5YR3/3-Dry); ; Heavy clay; Strong grade of structure, 50-100 mm, Prismatic; 10-20 mm, Angular blocky; Dry; Strong consistence; 0-2%, medium gravelly, 6-20mm, Sandstone, coarse fragments; Field pH 7.4 (pH meter); Gradual change to -            |
| C  | 0.36 - 0.51 m | ; Massive grade of structure; Field pH 7.8 (pH meter);   |

**Morphological Notes**

C Mottled W+YB+R weathered rock with clay pockets:

**Observation Notes**

**Site Notes**

TARA

**Laboratory Test Results:**

[illegible]

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**Laboratory Analyses Completed for this profile**

|       |   |
|-------|---|
| 2A1   | Air-dry moisture content                                |
| 3_NR  | Electrical conductivity or soluble salts - Not recorded |
| 4_NR  | pH of soil - Not recorded                               |
| 5_NR  | Water soluble Chloride - Cl(%) - Not recorded           |
| 9_NR  | Available P (mg/kg) - Not recorded                      |
| 9A_NR | Total element - P(%) - Not recorded                     |