

**Project Name:** BB  
**Project Code:** BB **Site ID:** B350 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (QLD)

**Site Information**

|                        |                           |                   |                     |
|------------------------|---------------------------|-------------------|---------------------|
| <b>Desc. By:</b>       | G.G. Beckmann             | <b>Locality:</b>  |                     |
| <b>Date Desc.:</b>     | 15/04/58                  | <b>Elevation:</b> | 30 metres           |
| <b>Map Ref.:</b>       | Sheet No. : 9542 1:100000 | <b>Rainfall:</b>  | 1016                |
| <b>Northing/Long.:</b> | 153.031666666667          | <b>Runoff:</b>    | Moderately rapid    |
| <b>Easting/Lat.:</b>   | -27.737222222222          | <b>Drainage:</b>  | Imperfectly drained |

**Geology**

|                      |          |                                    |                                 |
|----------------------|----------|------------------------------------|---------------------------------|
| <b>ExposureType:</b> | Soil pit | <b>Conf. Sub. is Parent. Mat.:</b> | No Data                         |
| <b>Geol. Ref.:</b>   | RJo      | <b>Substrate Material:</b>         | Soil pit, 0.6 m deep, Sandstone |

**Land Form**

|                         |           |                        |           |
|-------------------------|-----------|------------------------|-----------|
| <b>Rel/Slope Class:</b> | No Data   | <b>Pattern Type:</b>   | Rises     |
| <b>Morph. Type:</b>     | Crest     | <b>Relief:</b>         | 15 metres |
| <b>Elem. Type:</b>      | Hillslope | <b>Slope Category:</b> | No Data   |
| <b>Slope:</b>           | 0 %       | <b>Aspect:</b>         | No Data   |

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

|  |  |                                |                      |
|--|--|--------------------------------|----------------------|
| <b>Australian Soil Classification:</b>   |  | <b>Mapping Unit:</b>           | N/A                  |
| Bleached-Mottled Magnesic Yellow Kurosol |  | <b>Principal Profile Form:</b> | Dy5.41               |
| <b>ASC Confidence:</b>                   |  | <b>Great Soil Group:</b>       | Yellow podzolic soil |

All necessary analytical data are available.

**Site Disturbance:** No effective disturbance. Natural

**Vegetation:** Low Strata - Tussock grass, . . \*Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - Eucalyptus trachyphloia, Eucalyptus crebra,

Angophora

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

**Profile Morphology**

|     |               |  |
|-----|---------------|--|
| A11 | 0 - 0.15 m    | Very dark grey (10YR3/1-Moist); ; Coarse sand; Single grain grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 5.7 (pH meter); Abundant, very fine (0-1mm) roots; Gradual change to -                          |
| A12 | 0.15 - 0.35 m | Brown (10YR5/3-Moist); ; Coarse sand; Single grain grade of structure; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 6.3 (pH meter); Common, very fine (0-1mm) roots; Gradual change to -         |
| A2  | 0.35 - 0.5 m  | Olive (5Y5/3-Moist); ; Sand; Single grain grade of structure; Massive grade of structure; Moist; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 5.6 (pH meter); Few, very fine (0-1mm) roots; Clear change to -                       |
| B2  | 0.5 - 0.58 m  | Light yellowish brown (2.5Y6/4-Moist); , 10YR66; , 2.5YR48; Sandy medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moderately moist; Firm consistence; 0-2%, fine gravelly, 2-6mm, Quartz, coarse fragments; Field pH 5.3 (pH meter); Gradual change to - |
| C   | 0.6 - 0.88 m  | White (10YR8/1-Moist); , 10YR66; , 10R36; Heavy clay; Massive grade of structure; Moist; Firm consistence; Field pH 5.1 (pH meter); Gradual change to -  |
| C   | 0.88 - 1.08 m | ; Weak consistence; Field pH 4.9 (pH meter);   |

**Morphological Notes**

C Mottled (VLG+R+YB) clayey sandstone and sandy clay:

**Observation Notes**

**Site Notes**

PARK RIDGE

**Observation ID: 1**

[illegible]

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**Laboratory Analyses Completed for this profile**

|           |  |
|-----------|--|
| 15_NR_CA  | Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded |
| 15_NR_CEC | CEC - meq per 100g of soil - Not recorded                        |
| 15_NR_K   | Exch. basic cations (K++) - meq per 100g of soil - Not recorded  |
| 15_NR_MG  | Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded |
| 15_NR_NA  | Exch. basic cations (Na++) - meq per 100g of soil - Not recorded |
| 2A1       | Air-dry moisture content   |
| 3A_TSS    | Electrical conductivity or soluble salts - Total soluble salts % |
| 4_NR      | pH of soil - Not recorded  |
| 5_NR      | Water soluble Chloride - Cl(%) - Not recorded                    |
| 6Z        | Organic carbon (%) - Not recorded                                |
| 7_NR      | Total nitrogen (%) - Not recorded                                |
| 9_NR      | Available P (mg/kg) - Not recorded                               |
| 9A_NR     | Total element - P(%) - Not recorded                              |
| P10_GRAV  | Gravel (%)   |
| P10_NR_C  | Clay (%) - Not recorded  |
| P10_NR_CS | Coarse sand (%) - Not recorded                                   |
| P10_NR_FS | Fine sand (%) - Not recorded                                     |
| P10_NR_Z  | Silt (%) - Not recorded  |