Project Name: WQR

Project Code: WQR Site ID: B134 Observation ID: 1

Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By: G.D. Hubble Locality:

 Date Desc.:
 01/07/51
 Elevation:
 98 metres

 Map Ref.:
 Sheet No.: 7058
 1:100000
 Rainfall:
 610

Northing/Long.: 140.608333333333 Runoff: Moderately rapid Easting/Lat.: -19.87777777778 Drainage: Well drained

Geology

ExposureType: Auger boring Conf. Sub. is Parent. Mat.: No Data

Geol. Ref.: No Data Substrate Material: Auger boring, 1 m deep,Porous,

Unconsolidated material (unidentified)

Land Form

 Rel/Slope Class:
 No Data
 Pattern Type:
 Alluvial plain

 Morph. Type:
 No Data
 Relief:
 No Data

 Elem. Type:
 Plain
 Slope Category:
 No Data

 Slope:
 0 %
 Aspect:
 No Data

Surface Soil Condition (dry): Cracking

<u>Erosion:</u> Severe (wind); <u>Soil Classification</u>

Australian Soil Classification:Mapping Unit:N/AHaplic Hypercalcic Red DermosolPrincipal Profile Form:Uf6.31ASC Confidence:Great Soil Group:Solodic soil

No analytical data are available but confidence is fair.

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

Vegetation:

Tall Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Grevillea striata, Acacia cambagei, Atalaya

hemiglauca

Surface Coarse Fragments: 10-20%, coarse gravelly, 20-60mm, subrounded, Quartz

Profile Morphology

| B2 | 0 - 0.15 m | Reddish brown (5YR4/4-Moist); ; Light medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Dry; Firm consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 7.1 (pH meter); Gradual change to - |
|----|---------------|---|
| B2 | 0.15 - 0.36 m | Reddish brown (5YR4/4-Moist); ; Light medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Dry; Firm consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Field pH 7.2 (pH meter); Gradual change to - |
| В3 | 0.36 - 0.76 m | Reddish brown (5YR4/4-Moist); ; Silty clay loam; Weak grade of structure, Angular blocky; Dry; Weak consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Few (2 - 10 %), Calcareous, , Nodules; Field pH 8.5 (pH meter); Gradual change to - |
| В3 | 0.76 - 1.14 m | Brown (7.5YR4/4-Moist); ; Silty clay loam; Weak grade of structure, Angular blocky; Dry; Weak consistence; 0-2%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Very |

few (0 - 2 %), Calcareous, , Nodules; Field pH 8.6 (pH meter);

Morphological Notes

Observation Notes

SCALDED SURFACE A1 STRIPPED

Site Notes

GRANADA

Project Name: Project Code: Agency Name: WQR

WQR Site ID: B13
CSIRO Division of Soils (QLD) B134 Observation ID: 1

Laboratory Test Results:

| Depth | рН | 1:5 EC | | hangeable Mg | Cations K | Na | Exchangeable Acidity | CEC | | ECEC | |
|--|------------------------------|----------------------------------|------------------|-----------------------|--------------|--------------------|-------------------------|-------------|---------|---------|----------|
| m | | dS/m | | | | Cmol (+ | ·)/kg | | | | % |
| 0 - 0.3 0.15 - 0.45 0.36 - 0.66 0.76 - 1.06 | 7.1H 7.2H 8.5H 8.6H | 0.16B 0.42B 0.41B 0.41B | | | | | | | | | |
| Depth | CaCO3 | Organic | Avail. | Total | Total | Total | l Bulk | Pa | article | Size | Analysis |
| m | % | C % | P mg/kg | P % | N % | K % | Density Mg/m3 | GV | cs | FS % | Silt Cla |
| ••• | ,, | ,, | 99 | ,, | ,, | ,, | | | | ,, | |
| 0 - 0.3 | | | 40C | | | | | | | | |
| 0.15 - 0.45 | | | | | | | | | | | |
| 0.36 - 0.66 | | | | | | | | | | | |
| 0.76 - 1.06 | | | | | | | | | | | |
| Depth | COLE | Sat. | Grav 0.05 Bar | imetric/Vo 0.1 Bar | lumetric W | /ater Con 1 Bar | | Bar | K s | at | K unsat |
| m | | Jui. | o.co Bai | | g - m3/m3 | | 0 Dui 10 | - ui | mm | /h | mm/h |

0 - 0.3 0.15 - 0.45 0.36 - 0.66 0.76 - 1.06

WQR **Project Name:**

WQR Observation ID: 1 Site ID: B134

Project Code: Agency Name: **CSIRO** Division of Soils (QLD)

Laboratory Analyses Completed for this profile

2A1

Air-dry moisture content
Electrical conductivity or soluble salts - Not recorded
pH of soil - Not recorded
Water soluble Chloride - Cl(%) - Not recordede
Available P (mg/kg) - Not recorded 3_NR

4_NR

5_NR 9_NR