

**Project Name:** NST  
**Project Code:** NST **Site ID:** P136 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (WA)

**Site Information**

|                        |                           |                   |   |
|------------------------|---------------------------|-------------------|---|
| <b>Desc. By:</b>       | E. Bettenay               | <b>Locality:</b>  | 65 chains west from a point 50 chains north from intersection of roads 5881 and 7134 on Gnowangerup Road: |
| <b>Date Desc.:</b>     | 30/07/52                  | <b>Elevation:</b> | No Data   |
| <b>Map Ref.:</b>       | Sheet No. : 2529 1:100000 | <b>Rainfall:</b>  | 380   |
| <b>Northing/Long.:</b> | 118.054444444445          | <b>Runoff:</b>    | Moderately rapid  |
| <b>Easting/Lat.:</b>   | -34.2525                  | <b>Drainage:</b>  | Poorly drained  |

**Geology**

|                       |          |                                    |  |
|-----------------------|----------|------------------------------------|--|
| <b>Exposure Type:</b> | Soil pit | <b>Conf. Sub. is Parent. Mat.:</b> | No Data  |
| <b>Geol. Ref.:</b>    | No Data  | <b>Substrate Material:</b>         | Soil pit, 0.33 m deep, Igneous rock (unidentified) |

**Land Form**

|                         |                                   |                        |                 |
|-------------------------|-----------------------------------|------------------------|-----------------|
| <b>Rel/Slope Class:</b> | Gently undulating plains <9m 1-3% | <b>Pattern Type:</b>   | Peneplain       |
| <b>Morph. Type:</b>     | Upper-slope                       | <b>Relief:</b>         | No Data         |
| <b>Elem. Type:</b>      | Plain                             | <b>Slope Category:</b> | Gently inclined |
| <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 |
| Mottled Mesotrophic Red Kurosol                          |  | <b>Principal Profile Form:</b> | N/A |
| <b>ASC Confidence:</b>                                   |  | <b>Great Soil Group:</b>       | N/A |
| No analytical data are available but confidence is fair. |  |                                |     |

**Site Disturbance:** Cultivation. Rainfed

**Vegetation:**

**Surface Coarse Fragments:** 2-10%, , , Quartz

**Profile Morphology**

|    |               |  |
|----|---------------|--|
| A1 | 0 - 0.013 m   | Greyish brown (10YR5/2-Moist); ; Sand; Single grain grade of structure; Moist; Very weak consistence; 2-10%, Quartz, coarse fragments; Field pH 6 (pH meter); Clear, Irregular change to -           |
| B1 | 0.013 - 0.2 m | Red (2.5YR5/6-Moist); ; Heavy clay; Massive grade of structure; Moist; Moderately plastic; Normal plasticity; 2-10%, Gravel, coarse fragments; Field pH 5 (pH meter); Diffuse, Irregular change to - |
| B  | 0.2 - 0.33 m  | Red (2.5YR5/6-Moist); , 2.5YR36; , 10YR52; Heavy clay; Massive grade of structure; Moist; Weak consistence; 2-10%, Gravel, coarse fragments; Clear change to -                                       |

**Morphological Notes**

**Observation Notes**

QZ FLOATERS AT SURFACE: 20-33CM CLAY WITH COARSE GRAINED W'D IGNEOUS ROCK FRAGMENTS:

**Site Notes**

PLANTAGENET LD

**Observation ID: 1**

[illegible]

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**Laboratory Analyses Completed for this profile**

|     |   |
|-----|---|
| 3A1 | EC of 1:5 soil/water extract                        |
| 4A1 | pH of 1:5 soil/water suspension                     |
| 5A2 | Chloride - 1:5 soil/water extract, automated colour |