

**Project Name:** MAN  
**Project Code:** MAN **Site ID:** P121 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (WA)

**Site Information**

<b>Desc. By:</b>	T.R. Poutsma	<b>Locality:</b>	2 chains west of north west corner of Location 3433:
<b>Date Desc.:</b>	12/02/52	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 2528 1:100000	<b>Rainfall:</b>	690
<b>Northing/Long.:</b>	118.205833333333	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	-34.7775	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Unconsolidated material (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	Peneplain
<b>Morph. Type:</b>	Lower-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Drainage depression	<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
Haplic Petroferric Bleached-Leptic Tenosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Lateritic podzolic soil
All necessary analytical data are available.			

**Site Disturbance:**

**Vegetation:**

Tall Strata - Tree, , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

A1	0 - 0.2 m	Grey (10YR5/1-Moist); ; Fine sand; Single grain grade of structure; Dry; Loose consistence; ManyDiffuse, Smooth change to -
A2	0.2 - 0.71 m	Light grey (10YR7/1-Moist); ; Fine sand; Single grain grade of structure; Dry; Loose consistence; FewClear change to -
A3	0.71 - 1.24 m	Light grey (10YR7/1-Moist); ; Fine sand; 10-20%, bouldery, 600mm-2m, Detrital sedimentary rock (unidentified), coarse fragments; Common (10 - 20 %), Ferruginous, Medium (2 -6 mm), ;

**Morphological Notes**

**Observation Notes**

FE GRAVEL AND STONES MERGING INTO MASSIVE IRONSTONE AT 91CM:

**Site Notes**

PLANTAGENET LD

**Laboratory Test Results:**

[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_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
15G1_H	Hydrogen Cation - meq per 100g of soil - 1M KCl Exch. Acidity By titration to pH 8.0
15J_H	Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen)
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
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7_NR	Total nitrogen (%) - Not recorded
9A_HCL	Total element - P(%) - By boiling HCl