

Project Name: GIN
Project Code: GIN Site ID: P92 Observation ID: 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	T.R. Poutsma	Locality:	3.7KM from Moore River mouth along Gingin-Moore River mouth Road:Location 1374:
Date Desc.:	23/07/51	Elevation:	40 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	115.5105556	Runoff:	Rapid
Easting/Lat.:	-31.3333333	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Dunefield
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Drainage depression	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Regolithic Orthic Tenosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Yellow podzolic soil
All necessary analytical data are available.		

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

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.19 m	Dark greyish brown (10YR4/2-Moist); ; Sand (Fibric); Single grain grade of structure; Loose consistence;
0.3 - 0.81 m	Yellow (10YR8/8-Moist); ; Sand; Single grain grade of structure; Loose consistence;
0.96 - 2.08 m	Yellow (10YR8/8-Moist); , 5Y52, 2-10% , 15-30mm; , 2-10% , 15-30mm; Sand; Single grain grade of structure; Loose consistence;

Morphological Notes

Observation Notes

90-208CM PART OF LIMESTONE SOLUTION PIPE EXPOSED: SURFACE OUTCROPS = TOPS OF PINNACLES OF SOLUTION PIPES:

Site Notes

SWAN L.D.

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Laboratory Test Results:

Depth m	pH	1:5 EC dS/m	Ca	Exchangeable Mg	Cations K	Na Cmol (+)/kg	Exchangeable Acidity	CEC	ECEC	ESP %
0 - 0.19	6.5A	0.036A	3K	0.7	0.12	0.07			3.9B	
0.3 - 0.81	6.5A	0.024A								
0.96 - 2.08	6.7A	0.021A								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle	Size	Analysis		
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.19				0.004D								
0.3 - 0.81												
0.96 - 2.08				0.002D								

[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
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
9A_HCL	Total element - P(%) - By boiling HCl