

Project Name: Nyabing Kukerin land resources survey
Project Code: NYA **Site ID:** 0718 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Melanie Roberts
Date Desc.: 20/11/96
Map Ref.:
Northing/Long.: 6299547 AMG zone: 50
Easting/Lat.: 634196 Datum: AGD84
Locality:
Elevation: 280 metres
Rainfall: No Data
Runoff: No Data
Drainage: Imperfectly drained

Geology

ExposureType: Auger boring
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: No Data

Landform

Rel/Slope Class: Level plain <9m <1%
Morph. Type: No Data
Elem. Type: Plain
Slope: 0 %
Pattern Type: Playa plain
Relief: 0 metres
Slope Category: No Data
Aspect: 0 degrees

Surface Soil Condition Loose

Erosion (wind); (scald) (sheet) (rill) (mass) (gully)
 (stbank) (tunnel)

Soil Classification

Australian Soil Classification: N/A
Mapping Unit: N/A
Principal Profile Form: N/A
ASC Confidence: Confidence level not specified
Great Soil Group: N/A

Site Disturbance Cultivation. Rainfed

Vegetation

Surface Coarse Fragments No surface coarse fragments; No surface coarse fragments

Profile Morphology

A1p 0 - 0.13 m Very dark greyish brown (10YR3/2-Moist); ; Loamy sand; Single grain grade of structure;
 Dry; Field pH 6.5 (pH meter); Abrupt, Wavy change to -
 A2e 0.13 - 0.24 m Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Moist; Field
 pH 7.5 (pH meter); Abrupt, Wavy change to -
 B2 0.24 - 0.45 m Light brownish grey (2.5Y6/3-Moist); ; Sandy loam; Moderate grade of structure, 20-50
 mm, Polyhedral;
 Dry; Soil matrix is Slightly calcareous; Field pH 8 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Plant roots present throughout profile

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0.24 - 0.45			1.78E	1.42	0.58	0.9		6B	4.68D	15.00
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Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt
m	%	%	mg/kg	%	%	%	Mg/m3				%

0.24 - 0.45	82I	3.5
14.5		
0.24 - 0.45	82I	3.5
14.5		

Laboratory Analyses Completed for this profile

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMRR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15C1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - alcoholic 1M ammonium chloride at pH 8.5,
pretreatment for	
	soluble salts
15C1_CEC	CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for soluble salts
15C1_K	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for
soluble salts	
15C1_MG	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for
soluble salts	
15C1_NA	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for
soluble salts	
15J_BASES	Sum of Bases
15L1_a	Exchangeable bases Base saturation percentage (BSP) - Auto calculated from available using
Sum of Cations	
	and measured clay
15N1_a	Exchangeable sodium percentage (ESP) - Auto calculated from available using CEC
15N1_b	Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations
P10_gt2m	> 2mm particle size analysis, (method not recorded)
P10_NR_C	Clay (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded