Project Name: Project Code: Agency Name:	Nyabing Kukerin land reso NYA Site ID: Agriculture Western Austra	0310 O	bservation ID:	1				
Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	Heather Percy 31/07/95	Locality: Elevation: Rainfall: Runoff: Drainage:	275 metres No Data No Data Poorly drained					
<u>Geology</u> ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Parent. Mat.: No Data Substrate Material: No Data						
Landform Rel/Slope Class:	Gently undulating rises 9-30m 1-3	3%	Pattern Type:	Rises				
Morph. Type: Elem. Type: Slope:	Upper-slope Hillslope 1 %	Relief: Slope Category: Aspect:	10 metres No Data 90 degrees					
Surface Soil Co Erosion (wind Soil Classificati	d); (sheet) (rill) (gully)	asetting						
Australian Soil Classification:Mapping Unit:N/AHypocalcic Hypernatric Yellow SodosolPrincipal Profile Form:Dg2.13ASC Confidence:Great Soil Group:N/A								
	lytical data are available. <u>e</u> Complete clearing. Pasture, na <u>Fragments</u> 10-20%, medium	tive or improved, cult n gravelly, 6-20mm, a	J					
Profile Morphol A1 0 - 0.08 n Field pH 6			loam; Massive grad	e of structure; Moist;				
B21 0.08 - 0.5 Rough-ped	5 m Pale yellow (2.5Y7/4-Moist)	; , 0-0% ; Sandy med	dium clay; Moderate	grade of structure;				
coarse fragments;	fabric; Moderately moist; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Calcrete,							
coarse nagments,	Soil matrix is Moderately ca	Soil matrix is Moderately calcareous; Field pH 9.5 (Raupach); Clear change to -						
B22 0.5 - 0.6 2.5YR58, 2-10% , 0		Pale yellow (2.5Y7/4-Moist); Mottles, 7.5YR78, 10-20% , 5-15mm, Distinct; Mottles,						
Moderately moist;		5mm, Distinct; Sandy medium clay; Moderate grade of structure; Rough-ped fabric;						
matrix is Moderately	Very firm consistence; 0-2%	6, fine gravelly, 2-6m	m, Calcrete, coarse	fragments; Soil				
	calcareous; Field pH 9.5 (R	aupach);						
Morphological Observation No								

Site Notes "Hardsetting grey clay".

Project Name:	Nyabing Kukerin				
Project Code:	NYA	Site ID:	0310	Observation	1
Agency Name:	Agriculture West				

Laboratory Test Results:

Depth m	рН	1:5 EC dS/m	Ex Ca	changeab Mg	le Cations K	Exchangeable Na Acidity Cmol (+)/kg	CEC	ECEC	ESP %
0 - 0.08	5.9B 6.7H	14B	4.47A	2.33	0.43	0.47		7.7D	

0 - 0.08	5.9B 6.7H	14B	4.47A	2.33	0.43	0.47		7.7D	
0 - 0.08	5.9B 6.7H	14B	4.47A	2.33	0.43	0.47		7.7D	
0.08 - 0.28	8.1B 9H	31B	3.37E	6.65	0.26	4.28	13B	14.56D	32.92
0.08 - 0.28	8.1B 9H	31B	3.37E	6.65	0.26	4.28	13B	14.56D	32.92
0.08 - 0.28	8.1B 9H	31B	3.37E	6.65	0.26	4.28	13B	14.56D	32.92

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	Pa GV	rticle Siz	ze Analysis S Silt
m	%	%	mg/kg	%	%	%	Mg/m3		9	6
0 - 0.08 10		1.49D							83.51	6.5
0 - 0.08 10		1.49D							83.51	6.5
0 - 0.08 10		1.49D							83.51	6.5
0.08 - 0.28 31	<2C	0.15D							651	4
0.08 - 0.28 31	<2C	0.15D							651	4
0.08 - 0.28 31	<2C	0.15D							651	4

Laboratory Analyses Completed for this profile

15_NR_BSa 15_NR_CMR 15A1_CA for soluble	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available Exchangeable bases (Ca/Mg ratio) - Not recorded Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
15A1_CEC 15A1_K for soluble	salts Exchangeable bases (CEC) - 1M ammonium chloride at pH 7.0, no pretreatment for soluble salts Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
15A1_MG for soluble	salts Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
15A1_NA for soluble	salts Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment salts
15C1_CA pretreatment for	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - alcoholic 1M ammonium chloride at pH 8.5,
15C1_CEC 15C1_K soluble salts	soluble salts CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for soluble salts Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for
15C1_MG soluble salts	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for
15C1_NA soluble salts	Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5, pretreatment for
15J_BASES 15L1_a Sum of Cations	Sum of Bases Exchangeable bases Base saturation percentage (BSP) - Auto calculated from available using
15N1_a 15N1_b 19B_NR 3_NR	and measured clay Exchangeable sodium percentage (ESP) - Auto calculated from available using CEC Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations Calcium Carbonate (CaCO3) - Not recorded Electrical conductivity or soluble salts - Not recorded

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4_NRpH of soil - Not recorded4B1pH of 1:5 soil/0.01M calcium chloride extract - direct6A1_UCOrganic carbon (%) - Uncorrected Walkley and Black methodP10_gt2m> 2mm particle size analysis, (method not recorded)P10_NR_CClay (%) - Not recordedP10_NR_SSand (%) - Not recordedP10_NR_ZSilt (%) - Not recorded

Observation

1