Project Name: Project Code: Agency Name:	Nyabing Kukerin land resourcs survey NYA Site ID: 0083 Observation ID: 1 Agriculture Western Australia							
Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	Heather Percy 29/05/95	Locality: Elevation: Rainfall: Runoff: Drainage:	tion: 335 metres all: No Data ff: No Data					
<u>Geology</u> ExposureType: Geol. Ref.:	Auger boring No Data	Conf. Sub. is Pare Substrate Materia	a					
<u>Landform</u> Rel/Slope Class:	Gently undulating rises 9-30m 1	-3%	Pattern Type:	Rises				
Morph. Type: Elem. Type: Slope:	Lower-slope Footslope 1 %	Relief: Slope Category: Aspect:	10 metres No Data 90 degrees					
Surface Soil Co	ndition Recently cultiva	ated						
<u>Erosion</u>	_							
Soil Classificat								
Australian Soil C Ferric Mesonatric			ng Unit: pal Profile Form:	N/A Dy4.62				
ASC Confidence			Soil Group:	N/A				
All necessary ana	lytical data are available.		•					
	cultivation. Rainfed							
Vegetation	Fragmonto 20.50% modiu			****				
Surface Coarse fragments	<b>Pragments</b> 20-50%, mediu	m gravelly, 6-20mm, s	subrounded, ; No su	nace coarse				
Profile Morpho	loqv							
A1 0 - 0.12 r		10YR3/2-Moist); , 0-0%	% ; Loamy sand; Sin	gle grain grade of				
structure; Moist;	Loose consistence; 10-20	% fine gravelly 2-6m	m subrounded co	area fragments: 20-				
50%, medium		/0, fine graveny, 2-0ffi		arse magments, 20-				
gravelly, 6-20mm, subrounded, , coarse fragments; Field pH 5.5 (Raupach); Abrup				aupach); Abrupt				
change to -								
A2 0.12 - 0.3 Moist; 20-50%,	.35 m Yellowish brown (10YR5/4-Moist); , 0-0% ; Clayey sand; Single grain grade			n grade of structure;				
20mm, subrounded		fine gravelly, 2-6mm, subrounded, , coarse fragments; 20-50%, medium gravelly, 6-						
zomin, subrounded		coarse fragments; Field pH 6 (Raupach); Clear change to -						
B21 0.35 - 0.5 Dry; 20-50%,	0.5 m Yellowish brown (10YR5/6-Moist); , 0-0% ; Clay loam, sandy; Massive gr		•					
	fine gravelly, 2-6mm, subrounded, , coarse fragments; 20-50%, medium gravelly, 6-							
20mm, subrounded	, coarse fragments; Field pH 7 (Raupach); Gradual change to -							
B22 0.5 - 0.7 Dry; 20-50%,								
	fine gravelly, 2-6mm, subrounded, , coarse fragments; 20-50%, medium gravelly, 6-							
20mm, subrounded	, coarse fragments; Field pH 7 (Raupach);							
Morphological Notes A1 Fine to medium sand.								
Observation Notes								
Site Notes								
	gradation at site, possibly obscure	d by cultivation - sown	to lupins.					
	, , p ,	,	- r -					

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Agency Name:	Agriculture Western Australia					

Depth	рН	1:5 EC		hangeable Mg	e Cations K	Na	Exchangeable Acidity	CEC	ECEC	C ES
m		dS/m	ou			Cmol (+				
0 - 0.1	4.7B									
0.15 - 0.25	5.6B									
0.35 - 0.55	6B	9B	0.7A	2.51	0.06	0.77			4.040	)
	6.9H									
0.35 - 0.55	6B	9B	0.7A	2.51	0.06	0.77			4.040	)
	6.9H									
0.4 - 0.5	6B									
Depth	CaCO3	Organic	Avail.	Total	Total	Total			nticle Size	-
		C	Р	Р	Ν	K	Density	GV	CS FS	Silt
m	%	Clay %	mg/kg	%	%	%	Mg/m3		%	
	70	/0	iiig/kg	/0	/0	/0	wig/inis		/0	

0.15 - 0.25 0.35 - 0.55 31.5 0.35 - 0.55 31.5 0.4 - 0.5 651 3.5 651 3.5 651 3.5 651 3.5

## 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 salts
15A1_CEC	Exchangeable bases (CEC) - 1M ammonium chloride at pH 7.0, no pretreatment for soluble salts
15A1_K	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
for soluble	salts
15A1_MG	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
for soluble	
	salts
15A1_NA for soluble	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
IOI SOIUDIE	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
3_NR	Electrical conductivity or soluble salts - Not recorded pH of soil - Not recorded
4_NR 4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
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