Project Name: Project Code: Agency Name:	NY	bing Kukerin A siculture Weste	Site ID:	0381		bservatio	on ID:	1	
Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	Heath 16/08/ 62401	er Percy '95 45 AMG zone: 5 0 Datum: AGD8		Locality: Elevation: Rainfall: Runoff: Drainage:		275 metr No Data No Data Poorly dr			
<u>Geology</u> ExposureType: Geol. Ref.:		boring	-	Conf. Sub. i Substrate N		nt. Mat.:	No Data No Data		
<u>Landform</u> Rel/Slope Class:	Gently	y undulating rises	s9-30m 1-3	3%		Pattern	Туре:	Rises	
Morph. Type: Elem. Type: Slope:	Mid-sl Hillslo 1 %			Relief: Slope Cate Aspect:	gory:	10 metre No Data 225 degr			
Surface Soil Co	onditio	n Hard	setting, Har	dsetting					
Erosion (wind	d); (she	eet) (rill) (gully)							
Soil Classificati	, ,	, , , , , , , , , , , , , , , , , , , ,							
Australian Soil Cl Supracalcic Subna ASC Confidence: All necessary ana	atric Bro : lytical c	own Sodosol data are available			Princip Great \$	ng Unit: bal Profile Soil Grou	p:	N/A Db2.13 N/A	
Site Disturbanc	<u>e</u> Co	mplete clearing.	Pasture, nat	live or improve	ea, cuiti	vated at s	ome stag	e	
Vegetation Surface Coarse Gneiss	Fragi	<u>ments</u> 10-20	0%, medium	n gravelly, 6-20	0mm, sı	ubangular	Quartz;	10-20%, , subangular,	
Profile Morphol A1 0 - 0.05 n		Very dark greyis	sh brown (10	)YR3/2-Moist)	); , 0-0%	; Clay loa	am, sandy	y; Massive grade of	
structure; Dry;		Verv firm consis	tence: 20-5	0%. medium o	aravellv.	. 6-20mm.	subangu	llar, Quartz, coarse	
fragments; Field		pH 6 (Raupach)				,,	g-	,	
B21k 0.05 - 0.2 Rough-ped fabric;	25 m	Brown (7.5YR4/	,				Ū		
subrounded, Calcret	tο	Moderately moist; Very firm consistence; 20-50%, medium gravelly, 6-20mm,							
matrix is	ie,	-						Soft segregations; Soil	
		Slightly calcared	ous; Field pl	H 8.5 (Raupad	ch); Clea	ar change	to -		
B22k 0.25 - 0.4 Medium clay; Weak		Yellowish brown (10YR5/6-Moist); Mottles, 7.5YR66, 10-20% , 15-30mm, Distinct;							
gravelly, 2-6mm,		grade of structure; Rough-ped fabric; Moderately moist; Firm consistence; 20-50%, fine							
segregations;		Calcrete, coarse fragments; Common (10 - 20 %), Calcareous, Coarse (6 - 20 mm), Soft Soil matrix is Moderately calcareous; Field pH 9.5 (Raupach); Clear change to -							
B23k 0.45 - 0.6	3 m	Yellowish brown	ı (10YR5/6-I	Moist); Mottles	s, 2.5YF	R46, 2-10%	% , 5-15m	nm, Distinct; Light	
clay; Weak grade		of structure; Ro	ugh-ped fab	ric; Moderatel	y moist;	; Weak co	nsistence	e; Common (10 - 20	
%), Calcareous, pH 9.5		Very coarse (20	- 60 mm), S	Soft segregation	ons; Soi	il matrix is	Moderate	ely calcareous; Field	
		(Raupach);							
Morphological I B21k		??Duplicate"co	mmon" carb	oonate "nodule	es" reme	oved from	segregat	tions table	

### B21k

# **Observation Notes**

# Site Notes

"Hardsetting grey clay".

Project Name:	Nyabing Kukerin land resourcs survey					
Project Code:	NYA	Site ID:	0381	Observation	1	
Agency Name:	Agriculture Wes					

# Laboratory Test Results:

Depth	рН	1:5 EC	Ex Ca	changeabl Mg	e Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	••	9			(+)/kg			%
0 - 0.05	5.8B 6.6H	18B	5.35A	6.99	0.67	0.67			13.68D	
0 - 0.05	5.8B 6.6H	18B	5.35A	6.99	0.67	0.67			13.68D	
0 - 0.05	5.8B 6.6H	18B	5.35A	6.99	0.67	0.67			13.68D	
0.05 - 0.25	8.3B 9.1H	25B	6.84E	11.91	0.51	1.91		22B	21.17D	8.68
0.05 - 0.25	8.3B 9.1H	25B	6.84E	11.91	0.51	1.91		22B	21.17D	8.68
0.05 - 0.25	8.3B 9.1H	25B	6.84E	11.91	0.51	1.91		22B	21.17D	8.68

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	P GV	article Siz	e Analysis S Silt
m	%	%	mg/kg	%	%	%	Mg/m3		9	6
0 - 0.05 20.5		1.79D							71.51	8
0 - 0.05 20.5		1.79D							71.51	8
0 - 0.05 20.5		1.79D							71.51	8
0.05 - 0.25 40.5	5C	0.27D							50.51	9
0.05 - 0.25 40.5	5C	0.27D							50.5I	9
0.05 - 0.25 40.5	5C	0.27D							50.5I	9

### 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 15A1_K for soluble	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
	salts
15A1_MG for soluble	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment
	salts
15A1_NA for soluble	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,
F	soluble salts
15C1_CEC 15C1_K 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

Project Name:	Nyabing	Kukerin land reso	ourcs survey	
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Agency Name:	Agriculture Western Australia			

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

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