Project Nam Project Cod Agency Nam	e: NÝ	abing Kukerin land resou A Site ID: riculture Western Austra	0541 0	Observation ID:	1				
Site Informa Desc. By: Date Desc.: Map Ref.: Northing/Lon Easting/Lat.:	Heath 12/07 g.: 62954	ner Percy /96 470 AMG zone: 50 30 Datum: AGD84	Locality: Elevation: Rainfall: Runoff: Drainage:	350 metres No Data No Data Moderately well dr	rained				
<u>Geology</u> ExposureTyp Geol. Ref.:	e: Auge No D	er boring lata	Conf. Sub. is Parent. Mat.: No Data Substrate Material: No Data						
<u>Landform</u> Rel/Slope Cla	ss: Gent	ly undulating rises 9-30m 1-3	%	Pattern Type:	Rises				
Morph. Type: Elem. Type: Slope:	Hillsl 1 %		Relief: Slope Category: Aspect:	30 metres gory: No Data 45 degrees					
Surface Soi			dsetting						
Soil Classifi	cation	eet) (rill) (gully)							
Australian Soil Classification:Mapping Unit:N/ASodic Hypocalcic Brown ChromosolPrincipal Profile Form:Dy3.13ASC Confidence:Great Soil Group:N/AAnalytical data are incomplete but reasonable confidence.N/A									
•		, omplete clearing. Pasture, nat		tivated at some stag	e				
Vegetation				-					
Surface Coa	arse Frag	ments No surface coars	e fragments; No su	rface coarse fragmer	nts				
Profile Morp									
Ap 0 - 0. (Raupach); Abr		Very dark greyish brown (10)YR3/2-Moist); , 0-0	% ; Clayey sand; Mo	ist; Field pH 6.5				
(Raupach), Abi	upı,	Smooth change to -							
A3 0.1 - change to -	0.1 - 0.16 m Brown (10YR5/3-Moist); , 0-0% ; Sandy loam; Moist; Field pH 7 (Raupach); Abrupt, Wave to -								
B2 0.16 Moderately moi	- 0.4 m st;	Brown (10YR5/3-Moist); , 0-0% ; Light medium clay; Moderate grade of structure;							
		Firm consistence; Field pH 8 (Raupach); Clear change to -							
B3 0.4 - 0.55 m medium clay;		Light grey (10YR7/2-Moist); Mottles, 7.5YR58, 10-20% , 5-15mm, Distinct; Sandy light							
matrix is		Moderate grade of structure; Rough-ped fabric; Moderately moist; Firm consistence; Soil							
		Moderately calcareous; Field pH 9 (Raupach); Clear change to -							
C 0.55 Moderate grade	- 0.6 m	n White (10YR8/1-Moist); Mottles, 7.5YR58, 0-2%, 0-5mm, Distinct; Medium clay;							
-		structure; Smooth-ped fabric; Dry; Firm consistence; Soil matrix is Highly calcareous;							
Field pH 9		(Raupach);							
Morphological Notes									
A3 Depth of clay varies from 12-16cm. Observation Notes									
Site Notes	110163								
Observiced date				teste de ceternes	The sector stars all sections d				

Chemical data indicates soil is not sodic but morphological and dispersion tests do not agree. Therefore classified as a Chromosol and as a variant of the Fairclough soil series.

Project Name:	Nyabing Kukerin land resourcs survey						
Project Code:	NYA	Site ID:	0541	Observation	1		
Agency Name:	Agriculture Western Australia						

Laboratory Test Results:

Depth	рН	1:5 EC	E Ca	xchangeat Mg	ole Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ga	Wig	n		(+)/kg			%
0 - 0.1	5.7B 6.4H	15B	11.55H	2.93	0.84	0.4	0.03J		15.72D	
0 - 0.1	5.7B 6.4H	15B	11.55H	2.93	0.84	0.4	0.03J		15.72D	
0.16 - 0.36	8.1B 8.8H	14B	5.51E	6.03	1	0.53		14B	13.07D	3.79
0.16 - 0.36	8.1B 8.8H	14B	5.51E	6.03	1	0.53		14B	13.07D	3.79

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size / GV CS FS	Analysis Silt
m	%	%	mg/kg	%	%	%	Mg/m3	%	
0 - 0.1 10.5		3.25D						751	14.5
0 - 0.1 10.5		3.25D						751	14.5
0.16 - 0.36 29.5	<2C	0.23D						47.51	23
0.16 - 0.36 29.5	<2C	0.23D						47.51	23

Laboratory Analyses Completed for this profile

15_NR_BSa 15_NR_CMR 15C1_CA pretreatment for	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+) - 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
15E1_AL 15E1_CA salts 15E1_K 15E1_MG 15E1_MN 15E1_NA 15J_BASES 15L1_a Sum of Cations 15N1_b 19B_NR 3_NR 4_NR 4B1 6A1_UC P10_gt2m P10_NR_C P10_NR_C	Exchangeable AI - by compulsive exchange, no pretreatment for soluble salts Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts Exchangeable bases (Mn2+) by compulsive exchange, no pretreatment for soluble salts Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts Sum of Bases Exchangeable bases Base saturation percentage (BSP) - Auto calculated from available using 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 pH of soil - Not recorded pH of soil - Not recorded > 2mm particle size analysis, (method not recorded) Clay (%) - Not recorded
P10_NR_S P10_NR_Z	Sand (%) - Not recorded Silt (%) - Not recorded