

Project Name: Hunter Valley Soil Survey
Project Code: HV **Site ID:** CP382 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	Corrabare State Forest.
Date Desc.:	07/04/93	Elevation:	No Data
Map Ref.:	Sheet No. : 9132 1:100000	Rainfall:	No Data
Northing/Long.:	151.23611111	Runoff:	No Data
Easting/Lat.:	-32.94	Drainage:	No Data

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	25 %	Aspect:	270 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand (Heavy); 10-20%, medium gravelly, 6-20mm, rounded tabular, coarse fragments; Many, coarse (>5mm) roots; Gradual, Smooth change to -
A2	0.1 - 0.5 m	Brown (10YR4/3-Moist); ; Sandy clay loam; 20-50%, coarse gravelly, 20-60mm, rounded tabular, coarse fragments; Many, coarse (>5mm) roots; Gradual, Smooth change to -
B21	0.5 - 0.7 m	Strong brown (7.5YR4/6-Moist); ; Light clay; 10-20%, coarse gravelly, 20-60mm, rounded tabular, coarse fragments; Common, coarse (>5mm) roots;
B22	0.7 - 1 m	Reddish yellow (7.5YR7/8-Moist); ; Sandy clay loam (Heavy); 10-20%, coarse gravelly, 20-60mm, rounded tabular, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

Road cut.

Observation ID: 1

[illegible]

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Laboratory Analyses Completed for this profile

15_NR_AL	Exchangeable aluminium - method not recorded
15E1_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) by compulsive exchange, no pretreatment for soluble
15E1_K	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MG	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_NA	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15J_BASES	Sum of Bases
3A1	EC of 1:5 soil/water extract
4C1	pH of 1:5 soil/1M potassium chloride extract - direct
6A1	Organic carbon - Walkley and Black
9B1	Bicarbonate-extractable phosphorus - manual colour