

Project Name: Hunter Valley Soil Survey
Project Code: HV **Site ID:** CP372 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	Glen View, flat - north of railway.
Date Desc.:	07/04/93	Elevation:	No Data
Map Ref.:	Sheet No. : 9133 1:100000	Rainfall:	No Data
Northing/Long.:	151.12305556	Runoff:	No Data
Easting/Lat.:	-32.46888889	Drainage:	Imperfectly drained

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:	Low hills
Morph. Type:	No Data	Relief:	30 metres
Elem. Type:	Footslope	Slope Category:	Level
Slope:	1 %	Aspect:	180 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Endohypersodic Class Undetermined Grey Vertosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solodic soil
Confidence level not specified			

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Light clay; Many, fine (1-2mm) roots; Clear, Smooth change to -
B21	0.1 - 0.4 m	Dark greyish brown (10YR4/2-Moist); , 10YR63, 10-20% , 5-15mm, Distinct; Light clay; Common, very fine (0-1mm) roots; Gradual, Smooth change to -
B22	0.4 - 0.7 m	Very dark greyish brown (2.5Y3/2-Moist); ; Medium clay; Few, very fine (0-1mm) roots; Gradual, Smooth change to -
B23	0.7 - 1 m	Light olive brown (2.5Y5/6-Moist); , 2.5Y44, 2-10% , 5-15mm, Faint; Light medium clay; Few, very fine (0-1mm) roots;

Morphological Notes

Observation Notes

Brown clay soil?

Site Notes

Paspalum pasture and other grasses, with scattered eucalypts.

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[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