

Project Name: Hunter Valley Soil Survey
Project Code: HV **Site ID:** CP381 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	C.J. Chartres	Locality:	Belford.
Date Desc.:	07/04/93	Elevation:	No Data
Map Ref.:	Sheet No. : 9132 1:100000	Rainfall:	No Data
Northing/Long.:	151.27805556	Runoff:	No Data
Easting/Lat.:	-32.60611111	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:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	5 metres
Elem. Type:	Levee	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	180 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Orthic Tenosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Alluvial soil
Confidence level not specified			

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Many, fine (1-2mm) roots; Gradual change to -
A12	0.1 - 0.5 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Common, fine (1-2mm) roots; Gradual change to -
2A1	0.5 - 0.8 m	Dark yellowish brown (10YR3/4-Moist); ; Fine sandy loam; Common, fine (1-2mm) roots; Clear change to -
2A2	0.8 - 1 m	Very dark brown (10YR2/2-Moist); ; Fine sandy clay loam; Few, very fine (0-1mm) roots;

Morphological Notes

Observation Notes

Site Notes

Pasture on Landen farm. 20 metres other side of fence from CP380. Grazed oats.

Observation ID: 1

[illegible]

Project Name: Hunter Valley Soil Survey
Project Code: HV **Site ID:** CP381 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

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