

**Project Name:** Hunter Valley Soil Survey  
**Project Code:** HV **Site ID:** CP369 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (ACT)

**Site Information**

<b>Desc. By:</b>	C.J. Chartres	<b>Locality:</b>	Mountain View/Hebden.
<b>Date Desc.:</b>	06/04/93	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 9133 1:100000	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	151.04305556	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	-32.34388889	<b>Drainage:</b>	No Data

**Geology**

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

**Land Form**

<b>Rel/Slope Class:</b>	Steep hills 90-300m 32-56%	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	100 metres
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	Level
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Brown Dermosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Prairie soil
Confidence level not specified			

**Site Disturbance:**

**Vegetation:**

**Surface Coarse Fragments:**

**Profile Morphology**

Ap	0 - 0.1 m	Brown (10YR4/3-Dry); ; Fine sandy loam; Common, medium (2-5mm) roots; Gradual, Smooth change to -
A12	0.1 - 0.2 m	Brown (10YR4/3-Moist); ; Fine sandy loam; Few, medium (2-5mm) roots; Clear, Smooth change to -
2A	0.2 - 0.29 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam, fine sandy (Light); Few, very fine (0-1mm) roots; Abrupt, Smooth change to -
2A2	0.29 - 0.7 m	Dark yellowish brown (10YR4/4-Dry); ; Sandy clay loam, fine sandy (Heavy); Few, very fine (0-1mm) roots; Clear, Smooth change to -
2B	0.7 - 1 m	Very dark grey (10YR3/1-Moist); , 7.5YR46, 0-2% , 0-5mm, Faint; Light medium clay; Few, very fine (0-1mm) roots;

**Morphological Notes**

**Observation Notes**

**Site Notes**

20 metres from creek. Possibly older terrace. Cropped in past, grass and weeds present.

**Observation ID: 1**

[illegible]

**Project Name:** Hunter Valley Soil Survey  
**Project Code:** HV                      **Site ID:** CP369                      **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 <sup>2+</sup> ,Mg <sup>2+</sup> ,Na <sup>+</sup> ,K <sup>+</sup> ) 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