

Project Name: ESK
Project Code: ESK **Site ID:** H268 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (TAS)

Site Information

Desc. By:	Graley, A	Locality:	Mt Ireh:30.5M bearing 121degrees from HEC pole No.130:
Date Desc.:	24/02/66	Elevation:	140 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	147.08	Runoff:	Moderately rapid
Easting/Lat.:	-41.54833333	Drainage:	Imperfectly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Terrace (alluvial)
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	No Data	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Bleached Mesotrophic Yellow Chromosol	Principal Profile Form:	Dy2.21
ASC Confidence:	Great Soil Group:	Lateritic podzolic soil
No analytical data and little or no knowledge of this soil.		

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.064 m	Very dark brown (10YR2/2-Moist); ; Sandy loam; Weak grade of structure, <2 mm, Granular; 2-10%, coarse gravelly, 20-60mm, Quartz, coarse fragments; Abundant, coarse (>5mm) roots; Clear, Smooth change to -
A12	0.064 - 0.1 m	Dark greyish brown (10YR4/2-Dry); ; Sand; Single grain grade of structure; Dry; Strong consistence; Non-plastic; 2-10%, Gravel, coarse fragments; Clear, Tongued change to -
A21	0.1 - 0.25 m	Pale brown (10YR6/3-Dry); ; Sand; Single grain grade of structure; Common (1-5 per 100mm2) Fine (1-2mm) macropores, 10-20%, Gravel, coarse fragments; Diffuse change to -
A22	0.25 - 0.41 m	Light yellowish brown (10YR6/4-Dry); ; Sand; Single grain grade of structure; Common (1-5 per 100mm2) Fine (1-2mm) macropores, 2-10%, Gravel, coarse fragments; Many, fine (1-2mm) roots; Diffuse change to -
A23	0.41 - 0.53 m	Light yellowish brown (10YR6/4-Dry); ; Sandy loam; Massive grade of structure; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Many, fine (1-2mm) roots; Clear, Smooth change to -
A24	0.56 - 0.66 m	Very pale brown (10YR7/3-Dry); ; Sandy loam; Massive grade of structure; Many (>5 per 100mm2) Fine (1-2mm) macropores, Dry; Strong consistence; Non-plastic; 0-2%, angular, Gravel, coarse fragments; Few, fine (1-2mm) roots; Abrupt, Wavy change to -
B1	0.71 - 0.76 m	Light yellowish brown (10YR6/4-Dry); ; Sandy medium clay; Massive grade of structure; 2-10%, Substrate material, coarse fragments; Diffuse change to -
B2	0.84 - 0.91 m	Light yellowish brown (10YR6/4-Dry); ; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, 2-5 mm, Angular blocky; Moderately moist; Very weak consistence; Non-plastic; 0-2%, Substrate material, coarse fragments; FewDiffuse change to -
B21	0.91 - 1.02 m	Dark yellowish brown (10YR4/4-Moist); , 7.5YR53; , 10R48; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, 2-5 mm, Angular blocky; Moderately moist; Very weak consistence; Non-plastic; 0-2%, rounded, Gravel, coarse fragments; Diffuse change to -

Morphological Notes

Observation Notes

6.4-10CM FE STAINED GV:56-66CM SMALL BLACK ANGULAR STONES:71-91CM LATERITIZED GV:

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Site Notes

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Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile