

Project Name: FLI
Project Code: FLI **Site ID:** H105 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (TAS)

Site Information

Desc. By:	G.M. Dimmock	Locality:	Near site 488:1.5ML south west of Palana:west side of roadside:
Date Desc.:	26/03/54	Elevation:	27 metres
Map Ref.:	Sheet No. : 8318 1:100000	Rainfall:	711
Northing/Long.:	147.9	Runoff:	Moderately rapid
Easting/Lat.:	-39.7666666666667	Drainage:	Well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Limestone

Land Form

Rel/Slope Class:	Rolling plains <9m 10-32%	Pattern Type:	Dunefield
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Dune	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Regolithic Hypercalcic Calcarosol	Principal Profile Form:	Uc6.13
ASC Confidence:	Great Soil Group:	Calcareous sand

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.08 m	Dark brown (7.5YR3/2-Moist); ; Loamy sand; Moist; Weak consistence; 0-2%, Charcoal, coarse fragments; ManyDiffuse change to -
A	0.1 - 0.23 m	Dark brown (7.5YR3/4-Moist); ; Loamy sand (Light); Massive grade of structure; Moist; Weak consistence; Diffuse change to -
	0.23 - 0.41 m	Brown (7.5YR5/4-Moist); ; Sand; Massive grade of structure; Very weak consistence; Diffuse change to -
	0.41 - 0.56 m	Pinkish grey (7.5YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence; Gradual change to -
	0.56 - 0.74 m	Pinkish grey (7.5YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence;
	0.74 - 0.89 m	Pinkish grey (7.5YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence; Field pH 8 (pH meter);
	0.89 - 1.04 m	Pinkish grey (7.5YR6/2-Moist); ; Sand; Single grain grade of structure; Very weak consistence;
	1.04 - 1.42 m	Pink (7.5YR7/4-Moist); ; Sand; Single grain grade of structure; Very weak consistence;
	3.45 - 3.68 m	Brown (7.5YR5/4-Moist); ; Clayey sand (Light); Massive grade of structure; Firm consistence;

Morphological Notes

Observation Notes

Site Notes

LOIPUNE

Observation ID: 1

[illegible]

Project Name: FLI
Project Code: FLI **Site ID:** H105 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (TAS)

Laboratory Analyses Completed for this profile

12_HCL_FE	Total element - Fe(%) - Total acid(HCl) extractable Fe
15D1_CEC	CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; manual leach
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_H	Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen)
19A1	Carbonates - rapid titration
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A2	Total nitrogen - semimicro Kjeldahl , automated colour
9A_HCL	Total element - P(%) - By boiling HCl
P10_GRAV	Gravel (%)
P10A1_C	Clay (%) - Pipette
P10A1_CS	Coarse sand (%) - Pipette
P10A1_FS	Fine sand (%) - Pipette
P10A1_Z	Silt (%) - Pipette