

Soil landform map unit: PMSy; Plateaux associated with Carboniferous mountains <1220 m, Wabonga

Component: 1

Land element: Gentle hill slopes



Soils	General description	ASC	PPF
Major	Friable brown gradational soils	Acidic, Dystrophic, Brown Dermosol; thick, gravelly, loamy, clay loamy, moderate	Gn4.54
Minor	Brown gradational and stony loam soils	Brown Dermosol, Leptic Tenosols	Gn4.11, Um

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: O&K 556
A1	0-10	Dark brown (7.5YR3/2) loam, fine sandy; weak subangular blocky structure; firm consistence; slightly gravelly; pH 4.6; clear transition to:
A2	10-45	Brown (7.5YR4/4) fine sandy clay loam; weak subangular blocky structure; firm consistence; gravelly; pH 4.7; gradual transition to:
B2	45-65	Strong brown (7.5YR5/6) fine sandy clay loam; moderate subangular blocky structure; firm consistence; gravelly; pH 4.8; gradual transition to:
C	65+	Weathered sedimentary rock



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A
A2	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A
B2	Strongly acid	Very low	Moderately well drained	Non sodic	N/A	N/A