

Soil landform map unit: HSy2; Hills on Ordovician sediments, type 2, Beloka **Component:** 2

Land element: Gentle to moderate mid and lower slopes



Soils	General description	ASC	PPF
Major	Hardsetting, brown gradational soil	Bleached Brown Dermosol	Gn3.84
Minor	Brown texture contrast soil	Brown Chromosol	Db1.21

Physical characteristics:

Horizon	Depth (cm)	Representative profile description Site ID: EG 105
A1	0-5	Dark brown (10YR3/3) silty loam; weak polyhedral structure; pH 6.5; gradual transition to:
A2	5-25	Brown (10YR5/3) bleached (10YR7/3), silty loam, fine sandy; weak polyhedral structure; pH 6.0; clear transition to:
B1	25-45	Dark yellowish brown (10YR4/6); silty clay; weak polyhedral structure; pH 6.0; clear transition to:
B2	45-75+	Strong brown (7.5YR5/6) light medium clay, silty; moderate prismatic parting to angular blocky structure; slightly gravelly; pH 6.0



Chemical characteristics:

Horizon	pH	Salinity (EC)	Internal drainage	Sodicity	Slaking	Dispersion
A1	Moderately acidic	Low	Well	Very Low	Non slaking	Very Low
A2	Moderately acidic	Very Low	Imperfect	Very Low	slaking	Low
B1	Moderately acidic	Very Low	Imperfect	Very Low	slaking	Low
B2	Moderately acidic	Low	Moderately well	Low	slaking	Low