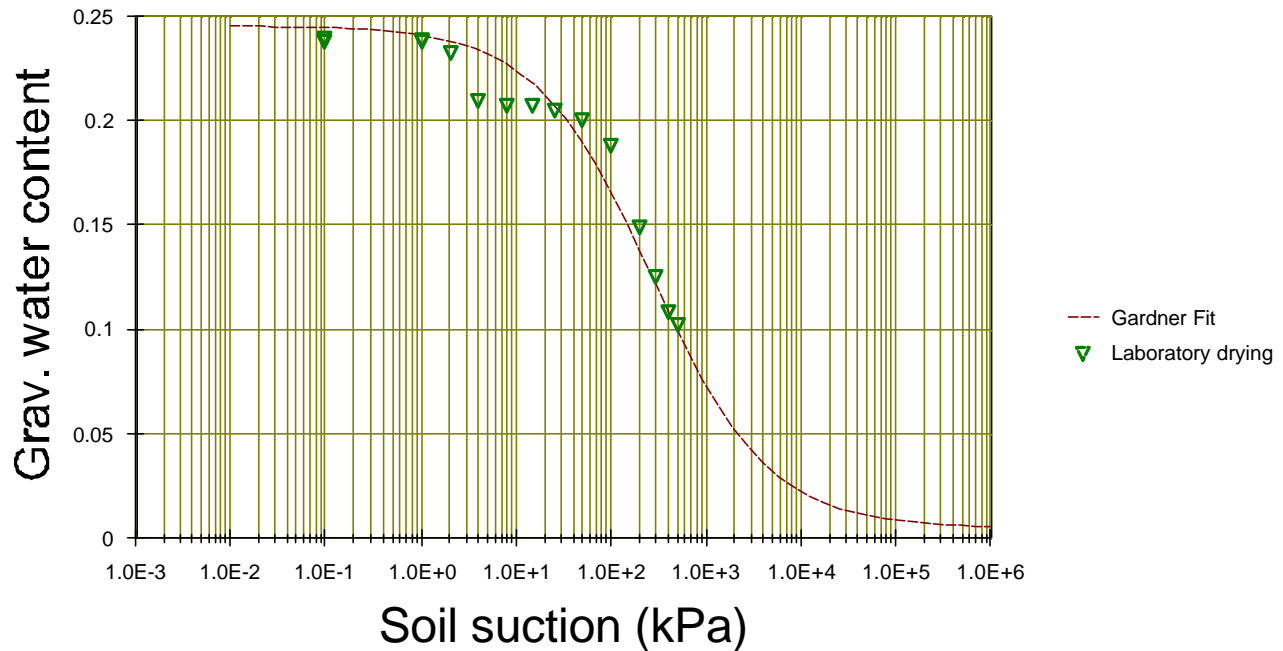


Gardner SWCC



Equation

$$w(y) = w_{rg} + (w_s - w_{rg}) \left[\frac{1}{1 + a_g y^{n_g}} \right]$$

USDA Texture:	Silt Loam
USCS Texture:	Sandy fat clay
Geologic Description:	
Soil Name:	Coal Lake Loam
Soil Description:	Dark gray sandy clayey Loam

SWCC Specimen ID:	SM1332
Gravimetric Water Content	24.5%
aq:	0.01908908
ng:	0.7072819
Gardner Residual WC:	1.9%
Gardner Error:	0.95

USCS Percent Clay:	23.79%
USCS Percent Silt:	43.89%
USCS Percent Sand:	32.02%
USCS Percent Coarse:	0.29%
Plastic Limit:	22.00%
Liquid Limit:	57.00%

SWCC Test Method:	Pressure plate
SWCC Lab Notes:	

GARDNER SWCC



Company: B&L Consulting
Address: 2109 McKinnon Ave S.
 Vancouver SK
Country: Canada
Telephone: (306) 477-3324 **Fax:** (306) 955-4575

Project: PRJ2079 **Test Date:** 11-Nov-99
Location: Northern Saskatchewan, Canada
Borehole: BR1340 **Depth:** 2.20 m
Site: **Technician:**
Soil Counter: 948597316 **Sample ID:** SM1332