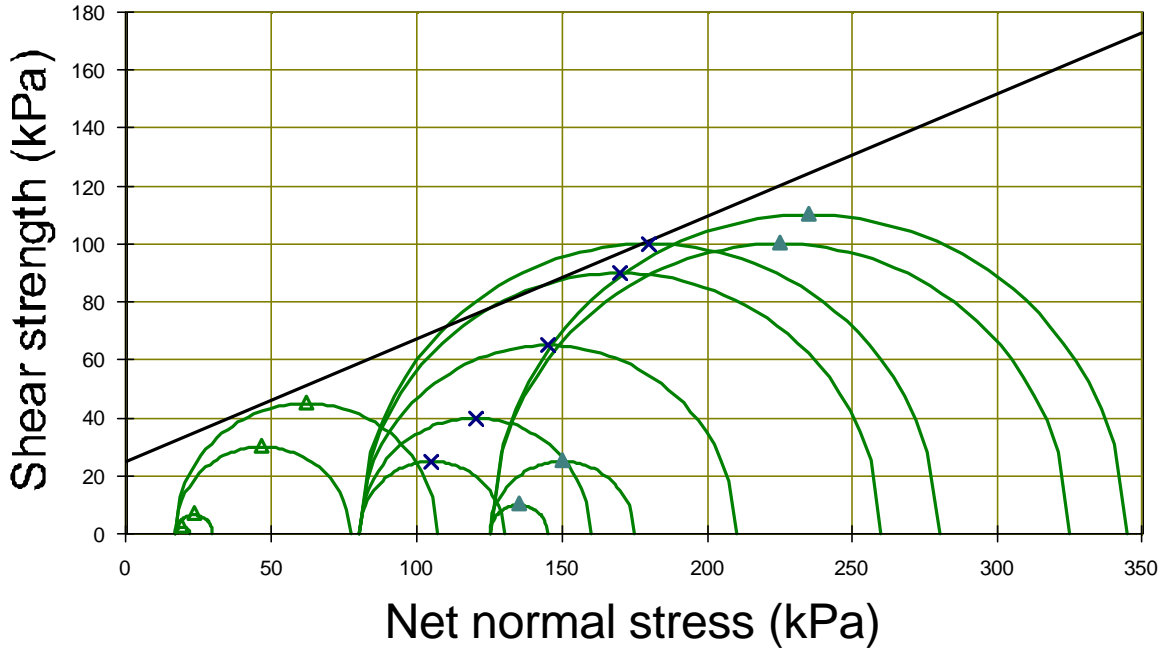


Triaxial Shear



Equation

$$t(y) = c' + s_n \tan f' + y [\Theta(y)]^k \tan f'$$

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

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%

Triaxial Test Method:	Shear box test
Triaxial Lab Notes:	

Initial State:	Undisturbed from the field
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Friction Angle:	22.95793 kPa
Effective Cohesion:	24.66759
Triaxial Error:	0.97
Triaxial Count:	13

Water Content Before:	
Water Content After:	
Dry Density:	kg/m ³

TRIAXIAL SHEAR



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:** 08-Nov-99
Location: Northern Saskatchewan, Canada
Borehole: BR1340 **Depth:** 2.20 m
Site: **Technician:** Dale Pavier
Soil Counter: 948597316 **Sample ID:** SM1332