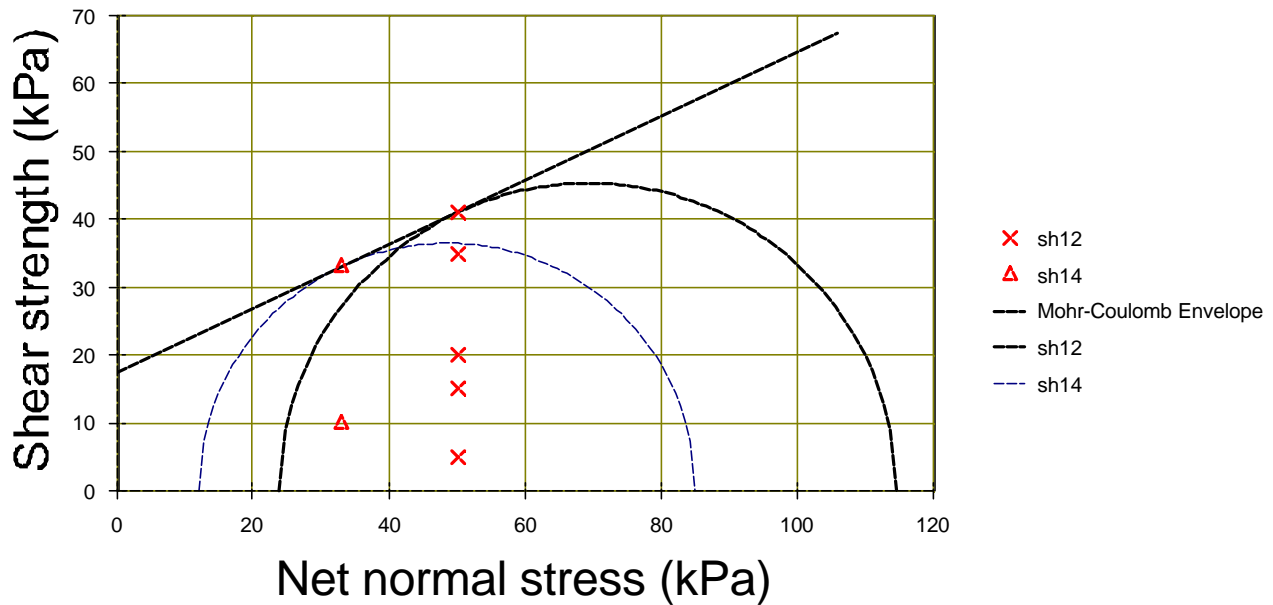


Direct Shear



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%

Initial State: Undisturbed from the
 Friction Angle: 25.20112
 Effective Cohesion: 17.47059
 Shear Error: 1.00
 Shear_Box_Count: 7
 Water Content Before:
 Water Content After:
 Dry Density:
 Shear Test Method: Shear box test
 Shear Lab Notes:

Undisturbed from the
25.20112
17.47059
1.00
7

Shear box test

DIRECT 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