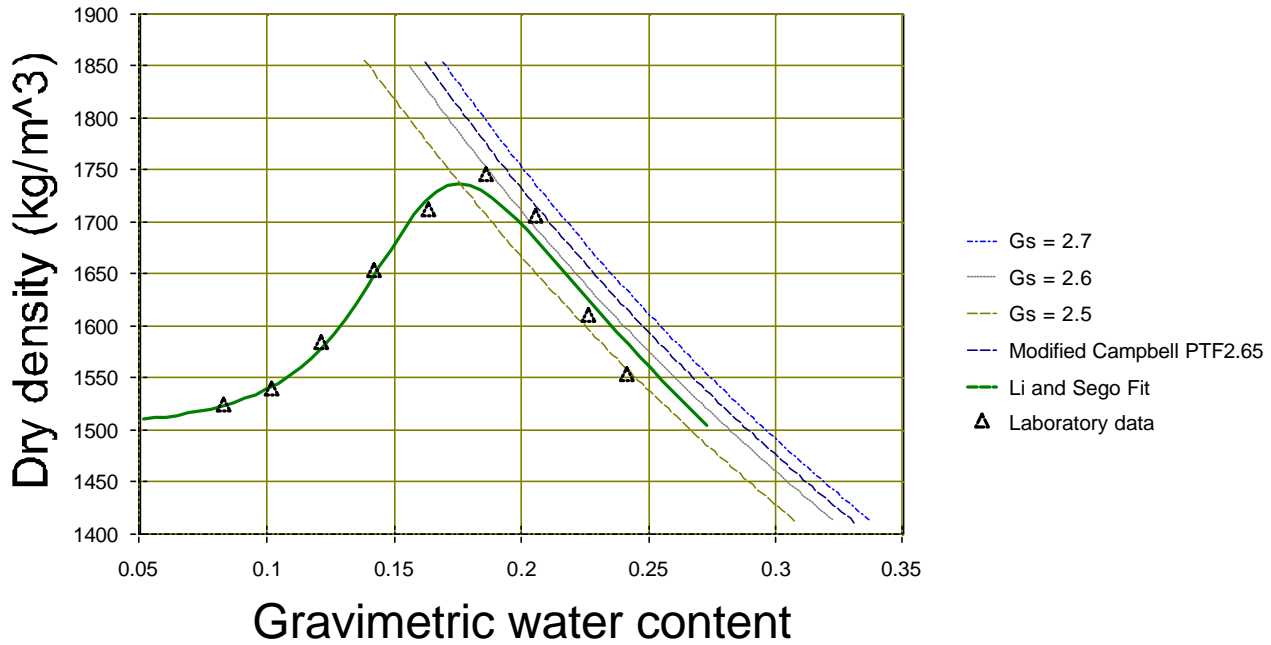


Compaction Li and Sego Fit



Equation:

$$\rho_d(w) = \frac{G_s \rho_w}{1 + \frac{w G_s}{S_m - S_m \cdot \left(\frac{w_m - w}{w_m}\right)^{n+1} \cdot \left(\frac{w_m^n + p^n}{(w_m - w)^n + p^n}\right)}}$$

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%
Compac. Initial State:	C

Compaction Specimen ID:	SM1332
Li Sm:	0.95
Li wm:	0.2753279
Li n:	8.366816
Li p:	0.1189173
Li Error:	0.96
Li Optimum Water Content	17.60%
Li Maximum Dry Density:	1737.3 kg/m ³
Compactor Weight:	kN
Compactor Type:	

Compaction Test Method:	Modified proctor
Compaction Technicia	Dale Pavier
Compaction Lab Notes	

COMPACTION LI AND SEGO FIT



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:** 16-Sep-99
Location: Northern Saskatchewan, Canada
Borehole: BR1340 **Depth:** 2.20000005 m
Site: **Technician:** Dale Pavier
Soil Counter: 948597316 **Sample ID:** SM1332