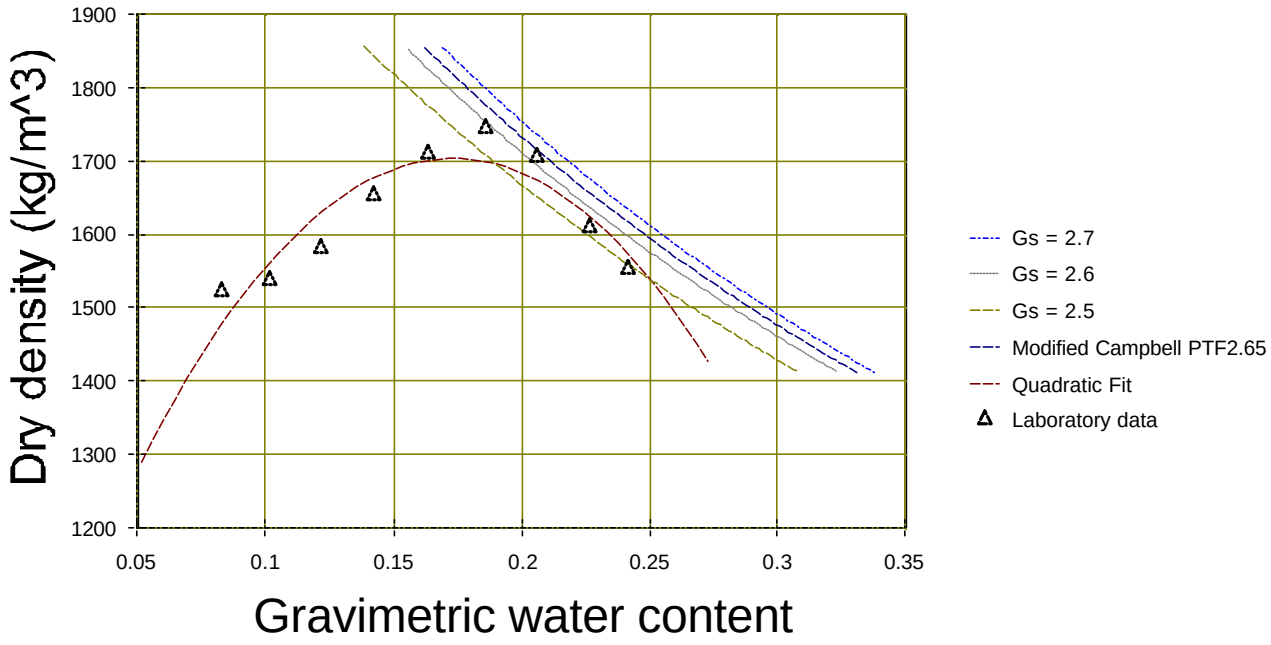
Compaction Quadratic Fit

SoilVision™



Equation

$$\rho_d(w) = a_q + b_q x + c_q x^2$$

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
aq:	866.0348
bq:	9674.084
cq:	-27935.48
Quadratic Error:	0.83
Optimum Water Content:	17.3%
Maximum Dry Density:	1703.6 kg/m^3
Compactor Weight:	kN
Compactor Type:	
Compaction Test Method:	Modified proctor
Compaction Lab Notes:	

B&L Consulting

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COMPACTION QUADRATIC FIT

Project:	PRJ2079	**Test Date:**	16-Sep-99
Location:	Northern Saskatchewan, Canada		
Borehole:	BR1340	**Depth:**	2.20 m
Site:		**Technician:**	Dale Pavier
Soil Counter:	948597316	**Sample ID:**	SM1332