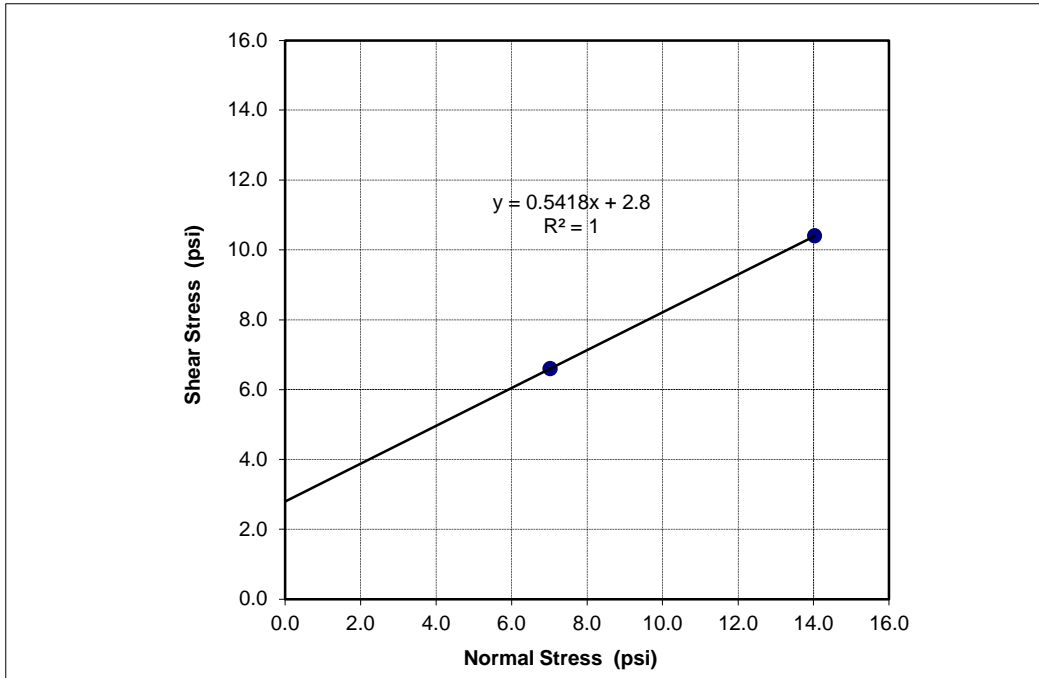


DIRECT SHEAR TEST DATA

ASTM D 3080

Project Number:	241359	Boring Number.:	B-004-0-24
Project Name:	FUL-20A-19.20	Sample Number:	ST-5
Project Location:	Fulton County, OH	Sample Depth:	7.0 - 9.0'



Trial Number	Normal Stress (psi)	Shear Stress (psi)	ϕ (degrees)
1	7.0	6.6	28.4
2	14.0	10.4	
3	-	-	

Atterberg Limits:

Liquid Limit:	35
Plastic Limit:	19
Plasticity Index:	16

Particle Size Analysis:

% Gravel:	3
% Sand:	17
% Silt:	21
% Clay:	59

Soil Classification: Brown SILTY CLAY, Little Sand, Trace Gravel A-6b (10)