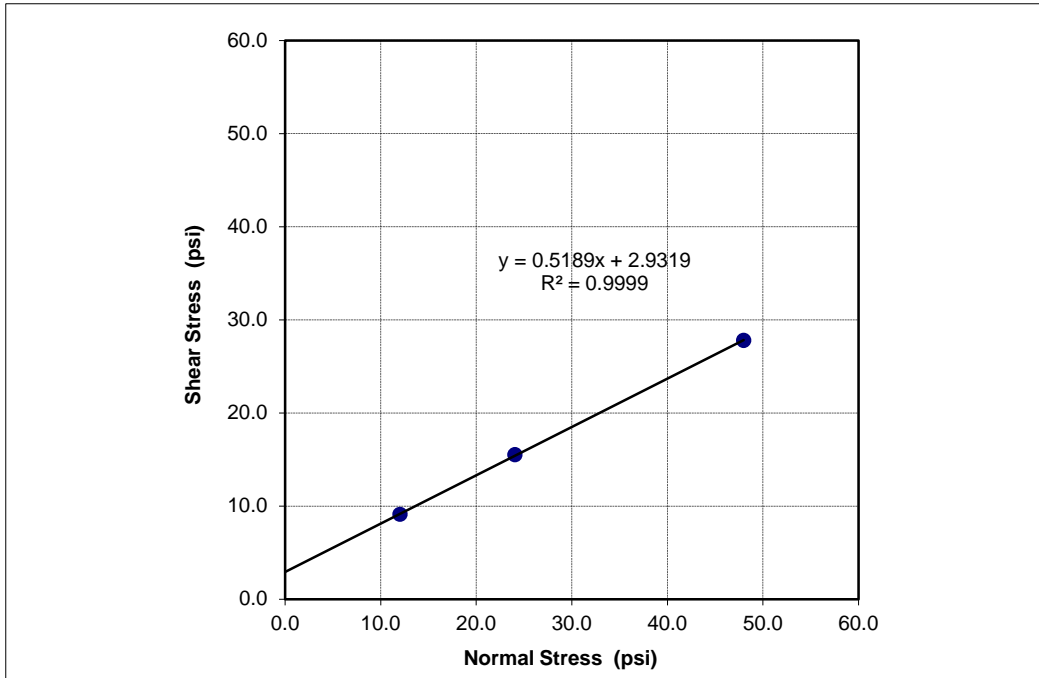


# DIRECT SHEAR TEST DATA

ASTM D 3080

Project Number:	241359	Boring Number.:	B-003-0-24
Project Name:	FUL-20A-19.20	Sample Number:	ST-16
Project Location:	Fulton County, OH	Sample Depth:	25.5 - 27.5'



Trial Number	Normal Stress (psi)	Shear Stress (psi)	$\phi$ (degrees)
1	12.0	9.1	27.4
2	24.0	15.5	
3	48.0	27.8	

Atterberg Limits:

Liquid Limit:	40
Plastic Limit:	22
Plasticity Index:	18

Particle Size Analysis:

% Gravel:	11
% Sand:	19
% Silt:	22
% Clay:	48

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