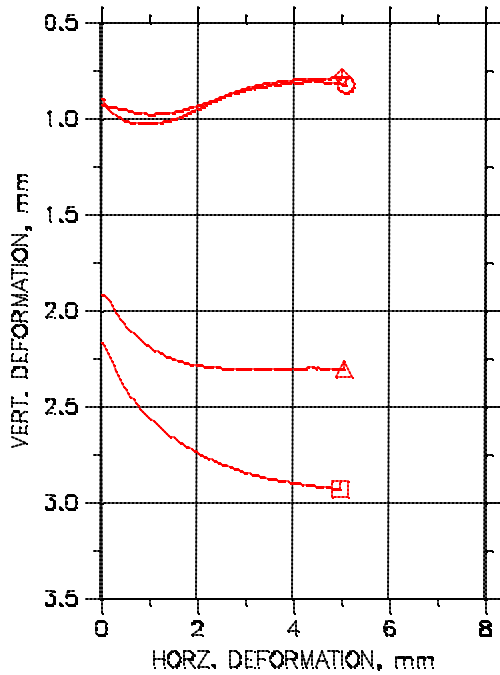
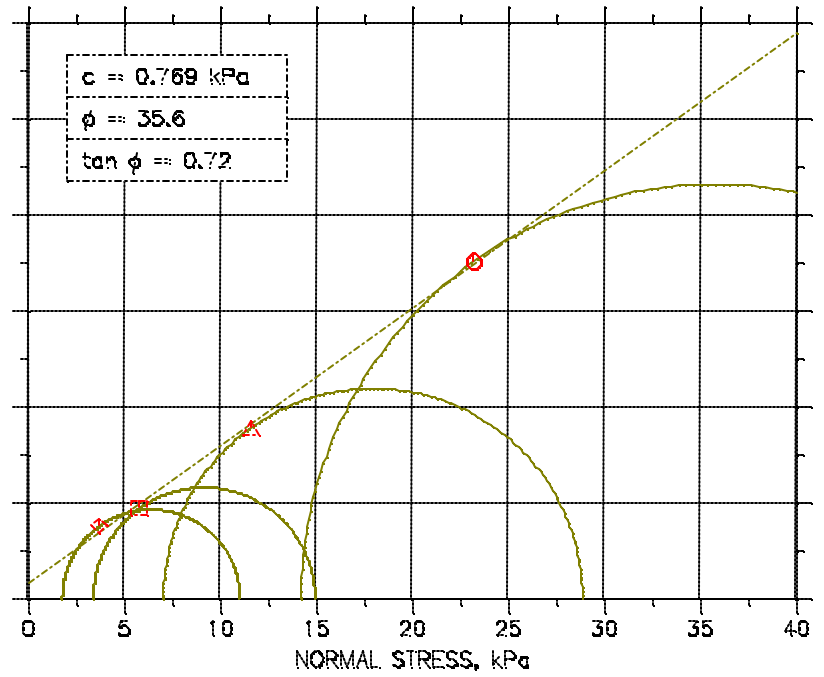
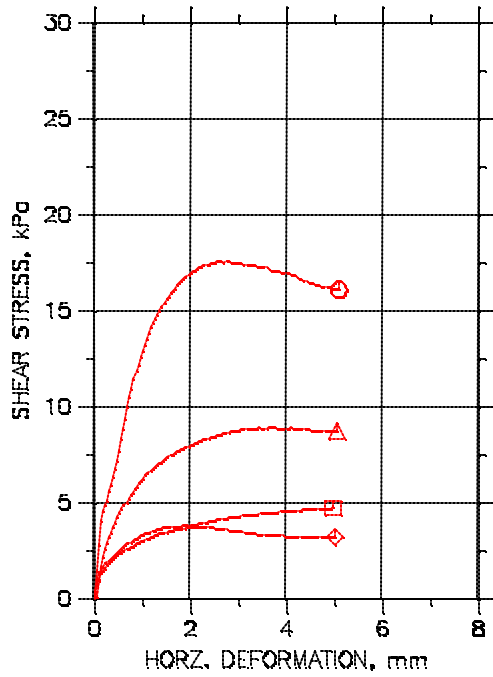


DIRECT SHEAR TEST REPORT



Symbol	⊙	△	□	◇
Test No.	DS1	DS2	DS3	DS4
Sample No.	ww5	ww5-2	ww5-2	ww5-2
Shape	Square	Square	Square	Circular
Initial	Dimension, mm	304.8	304.8	304.8
	Area, mm ²	92903	92903	92903
	Height, mm	38.1	38.1	38.1
	Water Content, %	18.18	17.20	16.21
	Dry Density, N/m ³	15238	15366	15496
	Saturation, %	68.30	65.93	63.46
Void Ratio	0.70545	0.69123	0.67702	0.30597
Consol. Height, mm	37.178	36.213	36.011	37.29
Consol. Void Ratio	0.66417	0.60748	0.58506	0.27822
Final	Water Content, %	20.00	19.00	18.00
	Dry Density, N/m ³	15576	16357	16790
	Saturation, %	79.29	85.52	87.07
	Void Ratio	0.66846	0.58877	0.54783
Normal Stress, kPa	23.222	11.611	5.8016	3.7002
Max. Shear Stress, kPa	17.52	8.8698	4.6927	3.7577
Ult. Shear Stress, kPa	16.061	8.6923	4.6927	3.1536
Time to Failure, min	10.003	13.504	18.414	7.8362
Disp. Rate, mm/min	0.254	0.254	0.254	0.254
Measured Specific Gravity	2.65	2.65	2.65	2.65
Liquid Limit	0	0	0	0
Plastic Limit	0	0	0	0
Plasticity Index	0	0	0	0

Project: MPS	
Location: WMU	
Project No.: 0000-00-000	
Boring No.:	
Sample Type: disturbed	
Description: Moist, brown fine silty clay	
Remarks: Split spoon	