



OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF GEOTECHNICAL ENGINEERING

UNCONFINED COMPRESSION TEST AASHTO T - 208

PROJECT MOE-7-7.55

PID _____

OGE NUMBER MOE-7-7.55

PROJECT TYPE STRUCTURE FOUNDATION

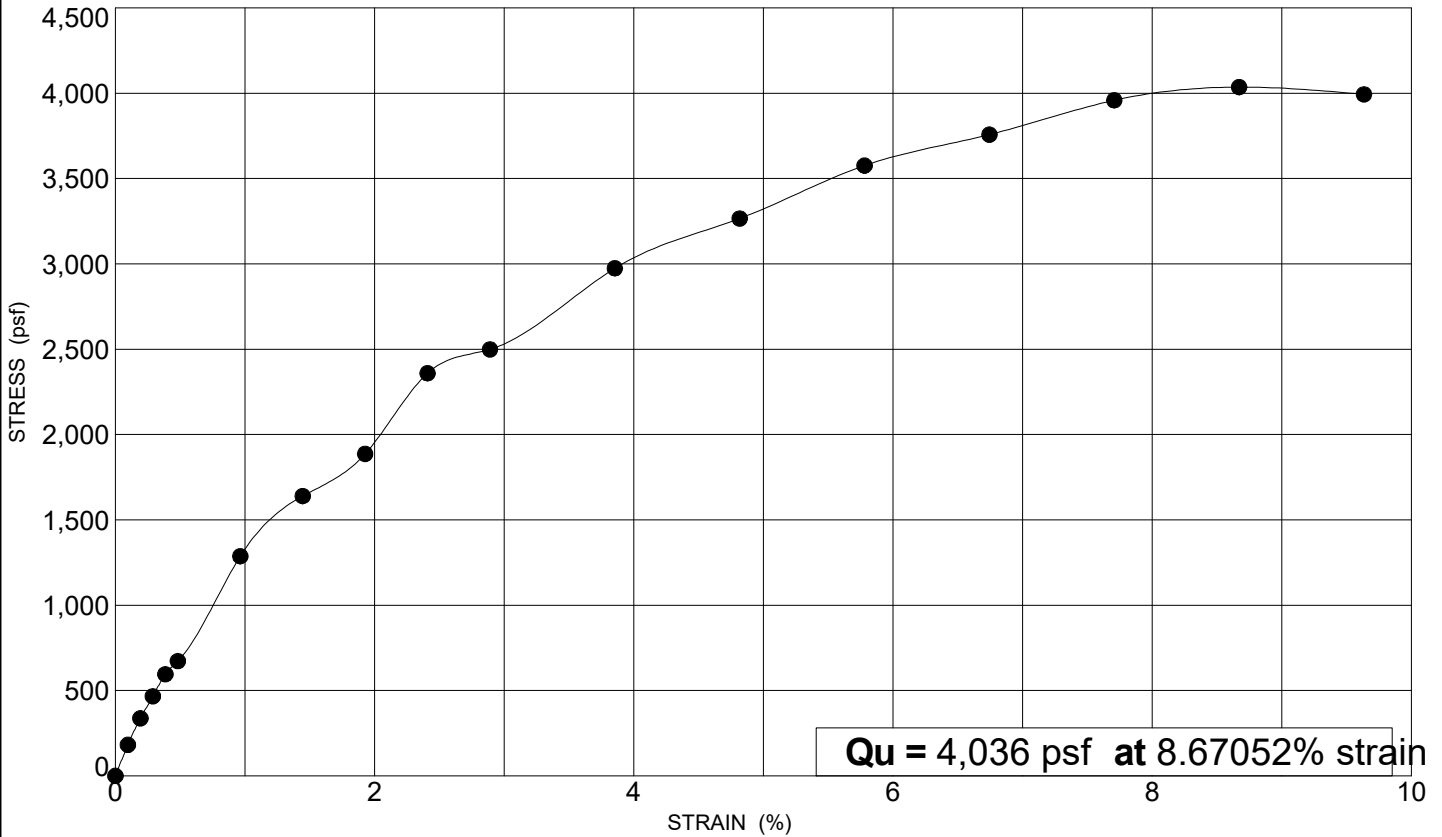
SAMPLE IDENTIFICATION

BORING ID: B-002-0-18

SAMPLE ID: ST-22

STATION: NOT RECORDED

DEPTH: 33.0 - 35.0 feet



OHDOT UNCONFINED COMPRESSION - OH DOT.GDT - 8/15/18 12:03 - \\DHDC\NCFS01\DAL\MA\GINT\PROJECTS\MOE-7-7.55.GPJ

SPECIMEN FAILURE SKETCHES OR PHOTOGRAPHS



BEFORE FAILURE



AFTER FAILURE

SPECIMEN DETAILS

HEIGHT: 6.228 inches

DIAMETER: 2.862 inches

WET UNIT WT: 124.90 pcf

DRY UNIT WT: 106.30 pcf

TESTED BY: MOH 8/10/2018

CLASSIFICATION RESULTS

GRADATION (%)				
GR	CS	FS	SI	CL
1	1	7	52	39
ATTERBERG LIMITS			MOISTURE	
LL	PL	PI	WC	
31	19	12	18	

ODOT CLASS: A-6a HP (tsf): 1.5

DESCRIPTION: LEAN CLAY



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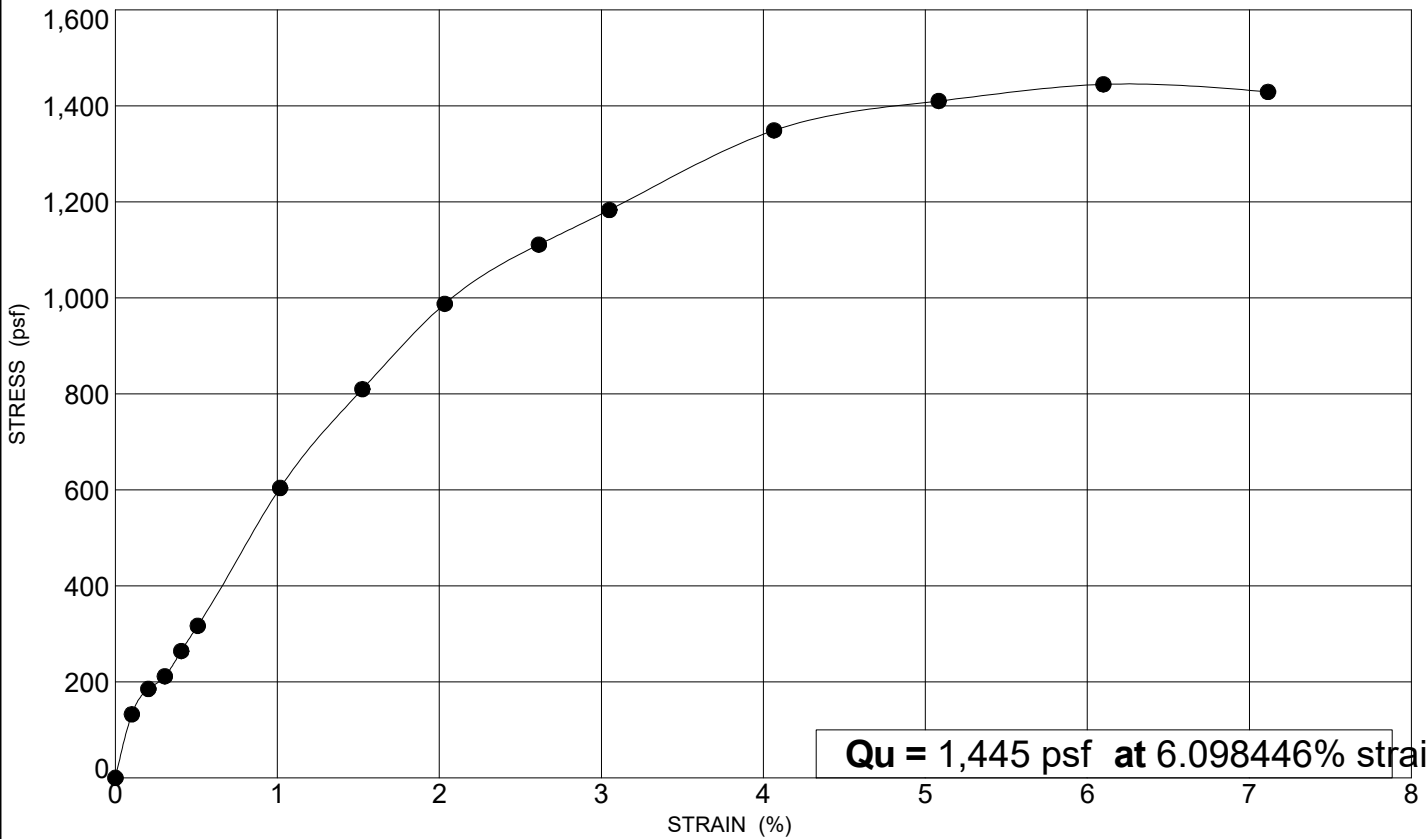
PROJECT MOE-7-7.55
OGE NUMBER MOE-7-7.55

PID _____
PROJECT TYPE STRUCTURE FOUNDATION

SAMPLE IDENTIFICATION

BORING ID: B-003-0-18
STATION: NOT RECORDED

SAMPLE ID: ST-12
DEPTH: 18.0 - 20.0 feet



SPECIMEN FAILURE SKETCHES OR PHOTOGRAPHS



BEFORE FAILURE



AFTER FAILURE

SPECIMEN DETAILS

HEIGHT: 6.887 inches
DIAMETER: 2.833 inches
WET UNIT WT: 133.80 pcf
DRY UNIT WT: 112.34 pcf

TESTED BY: MOH 8/10/2018

CLASSIFICATION RESULTS

GRADATION (%)				
GR	CS	FS	SI	CL
16	22	4	22	36
ATTERBERG LIMITS			MOISTURE	
LL	PL	PI	WC	
35	21	14	19	

ODOT CLASS: A-6a HP (tsf): 1.0

DESCRIPTION: SANDY LEAN CLAY



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PROJECT TYPE STRUCTURE FOUNDATION

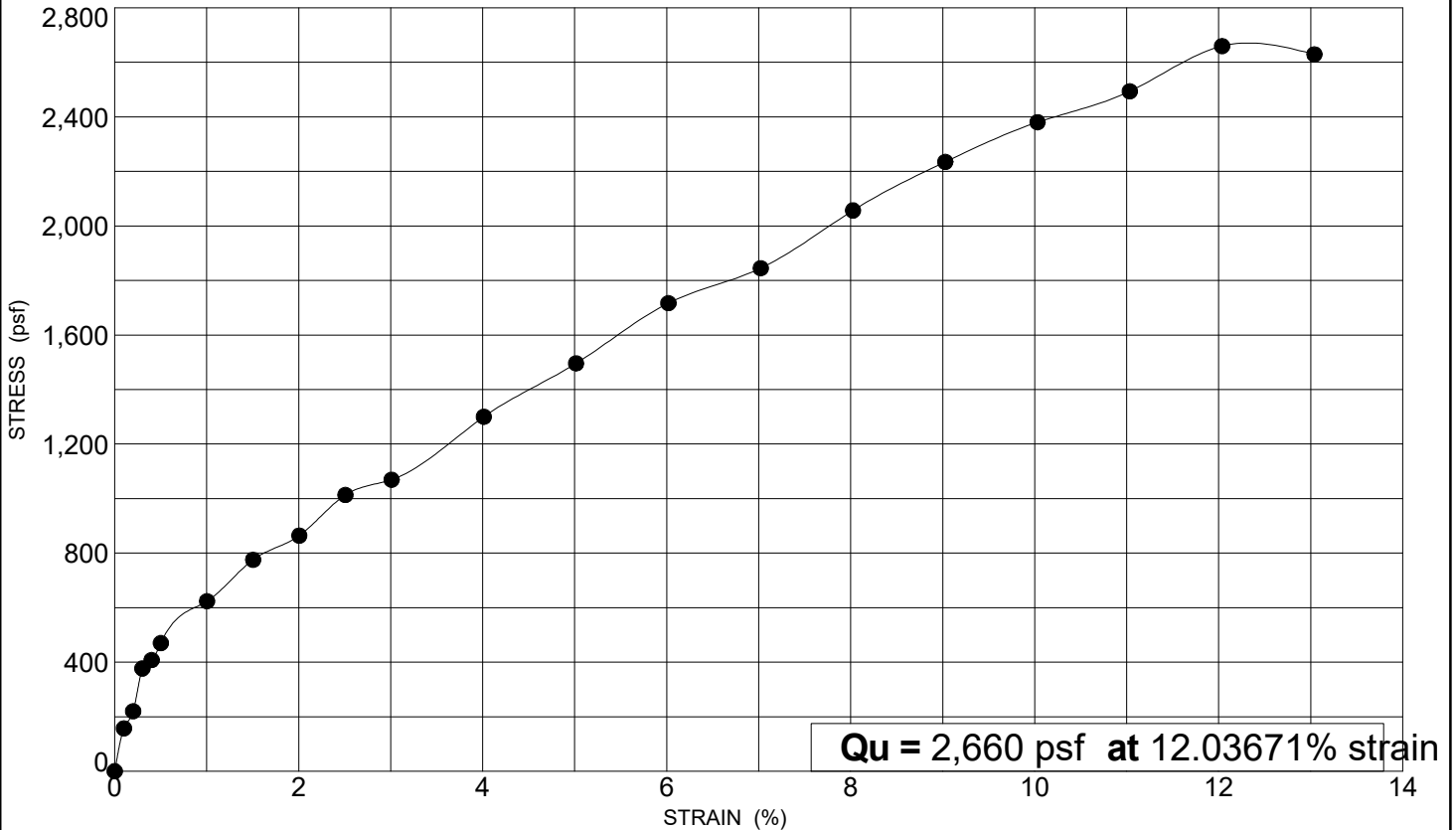
SAMPLE IDENTIFICATION

BORING ID: B-003-0-18

SAMPLE ID: ST-24

STATION: NOT RECORDED

DEPTH: 36.5 - 38.5 feet



SPECIMEN FAILURE SKETCHES OR PHOTOGRAPHS



BEFORE FAILURE



AFTER FAILURE

SPECIMEN DETAILS

HEIGHT: 5.982 inches

DIAMETER: 2.600 inches

WET UNIT WT: 126.90 pcf

DRY UNIT WT: 103.42 pcf

TESTED BY: MOH 8/10/2018

CLASSIFICATION RESULTS

GRADATION (%)				
GR	CS	FS	SI	CL
0	0	14	49	37
ATTERBERG LIMITS			MOISTURE	
LL	PL	PI	WC	
31	18	13	23	

ODOT CLASS: A-6a HP (tsf): 1.75

DESCRIPTION: LEAN CLAY

MOE-7-7.55

PROJECT NAME: SR-7 Landslide Stabilization

Unconfined Compressive Strength (ASTM D7012)



B-003-0-18; NQ-4; 75.9'-76.5'

Average Diameter: 1.796"

Average Height: 3.779"

Wet Density: 166.1 pcf

Dry Density: 159.7 pcf

Unconfined Compressive Strength: 2,255 psi

Note: L/D ratio ~ 2.1

MOE-7-7.55

PROJECT NAME: SR-7 Landslide Stabilization

Unconfined Compressive Strength (ASTM D7012)



B-002-0-18; NQ-2; 68.5'-68.9'

Average Diameter: 1.797"

Average Height: 3.651"

Wet Density: 162.7 pcf

Dry Density: 156.4 pcf

Unconfined Compressive Strength: 860 psi

Note: L/D ratio ~ 2.03