

[illegible]

NOTES: SOIL BORING WAS BACKFILLED WITH CEMENT BENTONITE UPON COMPLETION
ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED BENTONITE GROUT



OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF GEOTECHNICAL ENGINEERING

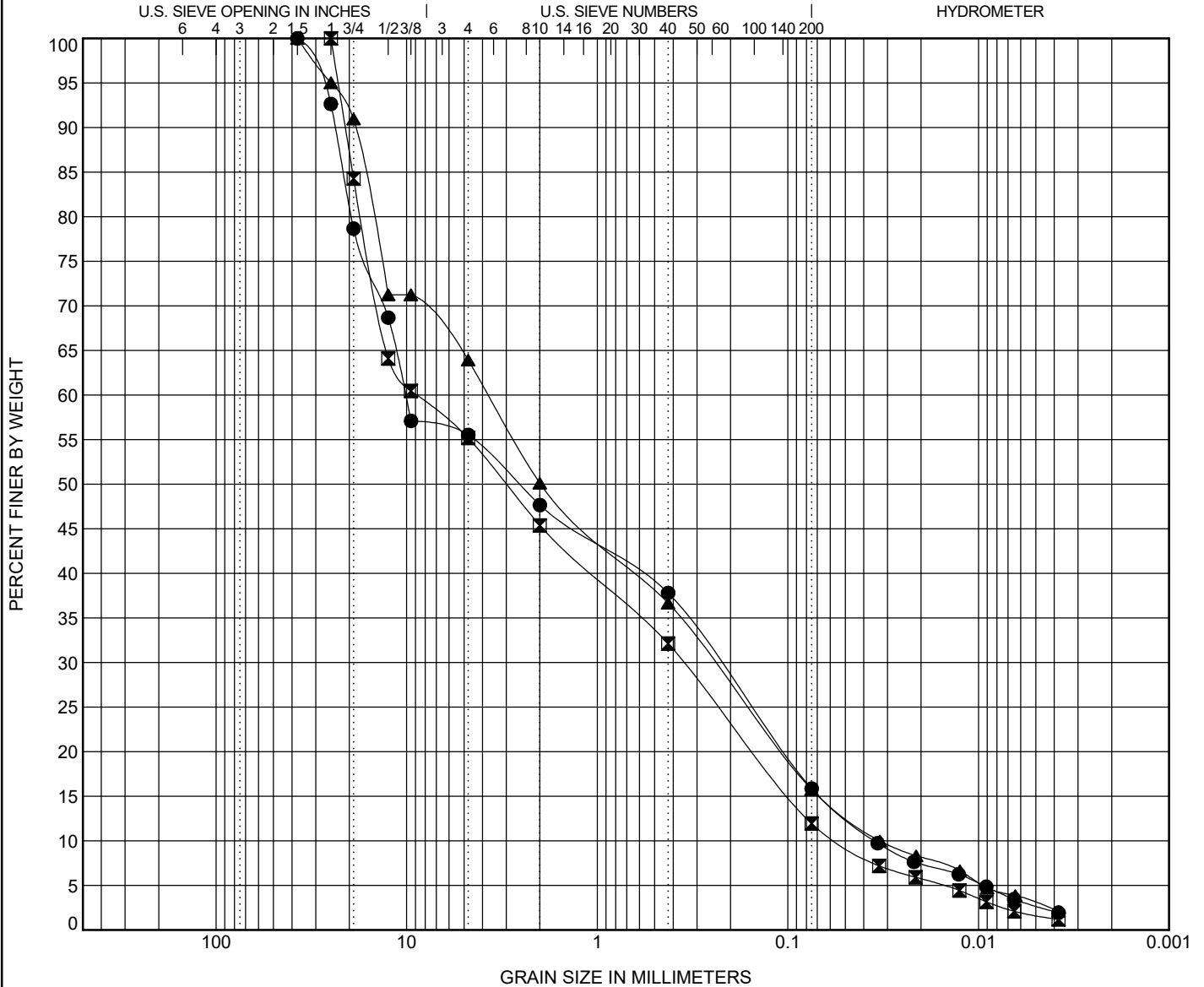
GRAIN SIZE DISTRIBUTION

PROJECT BEL-250-08.15

PID 118151

OGE NUMBER

PROJECT TYPE RETAINING WALL



COBBLES	GRAVEL	SAND		SILT	CLAY
		coarse	fine		

Specimen Identification			ODOT (Modified AASHTO) ~ USCS Classification								LL	PL	PI
●	B-001-0-23	4.0	A-1-b ~ SILTY GRAVEL with SAND(GM)								NP	NP	NP
☒	B-001-0-23	6.5	A-1-b ~ POORLY GRADED GRAVEL with SILT and SAND(GP-GM)								NP	NP	NP
▲	B-001-0-23	11.5	A-1-b ~ SILTY SAND with GRAVEL(SM)								NP	NP	NP
Specimen Identification			D90	D50	D30	D10	%G	%CS	%FS	%M	%C	Cc	Cu
●	B-001-0-23	4.0	23.736	2.586	0.229	0.035	52	10	22	13	3	0.15	290.84
☒	B-001-0-23	6.5	20.997	3.009	0.354	0.054	55	13	20	10	2	0.26	166.48
▲	B-001-0-23	11.5	18.62	1.977	0.245	0.033	50	13	21	13	3	0.49	112.76

GRAIN SIZE - OH DOT.GDT - 6/7/23 14:42 - C:\USERS\KAMIKAMONEDRIVE - TERRACON CONSULTANTS INC\DESKTOP\N4225519 ODOT.GPJ



PROJECT BEL-250-08.15

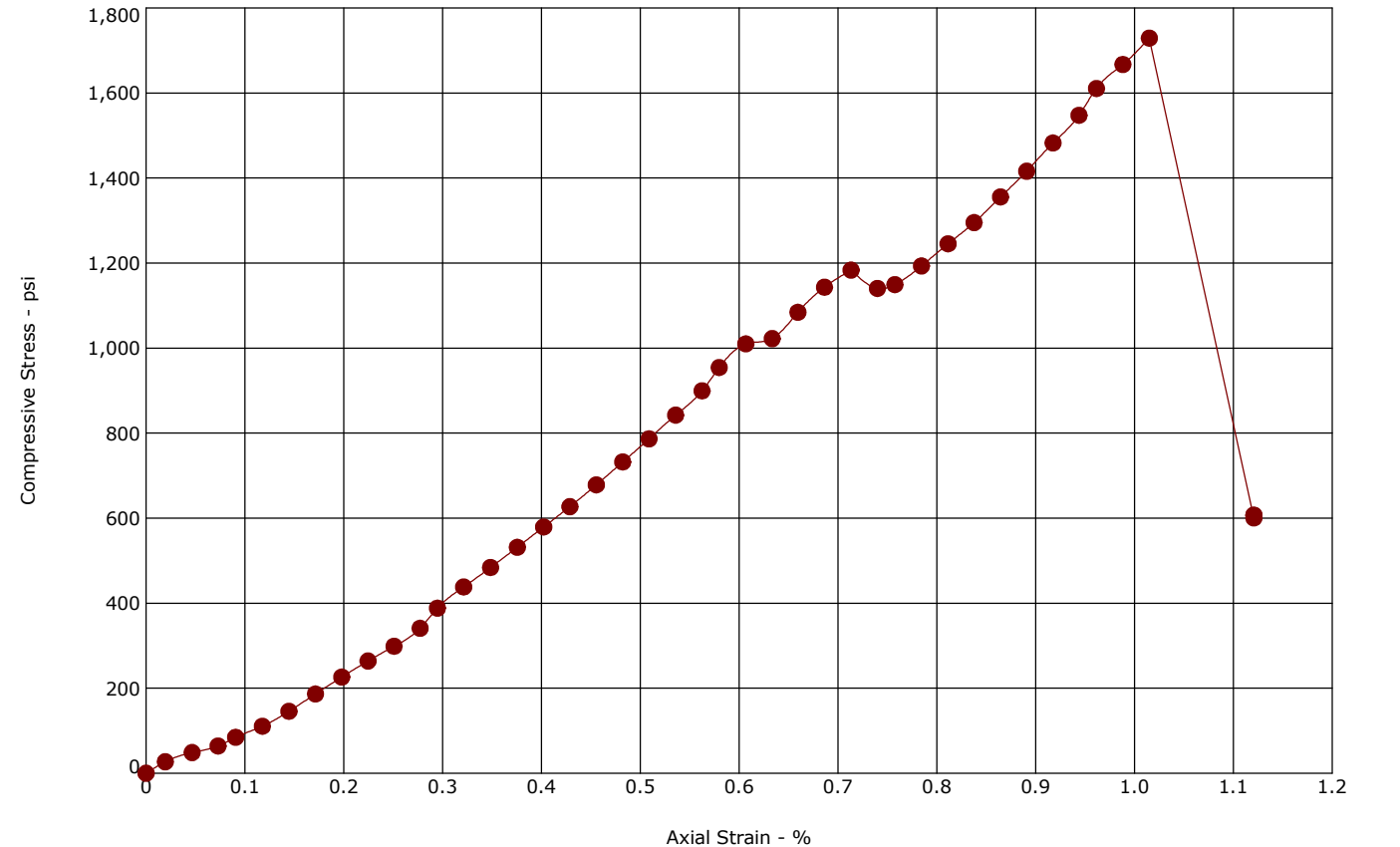
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PROJECT TYPE RETAINING WALL

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Unconfined Compression Test



Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-001-0-23	28.5 -28.8	NQ2					SHALE

Specimen Failure Mode	Specimen Test Data	
	Moisture Content (%):	0.6
	Dry Density (pcf):	164
	Diameter (in.):	1.99
	Height (in.):	4.03
	Height / Diameter Ratio:	2.03
	Calculated Saturation (%):	
	Calculated Void Ratio:	
	Assumed Specific Gravity:	
	Failure Strain (%):	1.01
	Unconfined Compressive Strength (psi):	1729
	Undrained Shear Strength (psi):	865
	Strain Rate (in/min):	0.0404
	Remarks:	

N4225519 BEL-250-8.15 PID 118151 - Retaining Wall Replacement

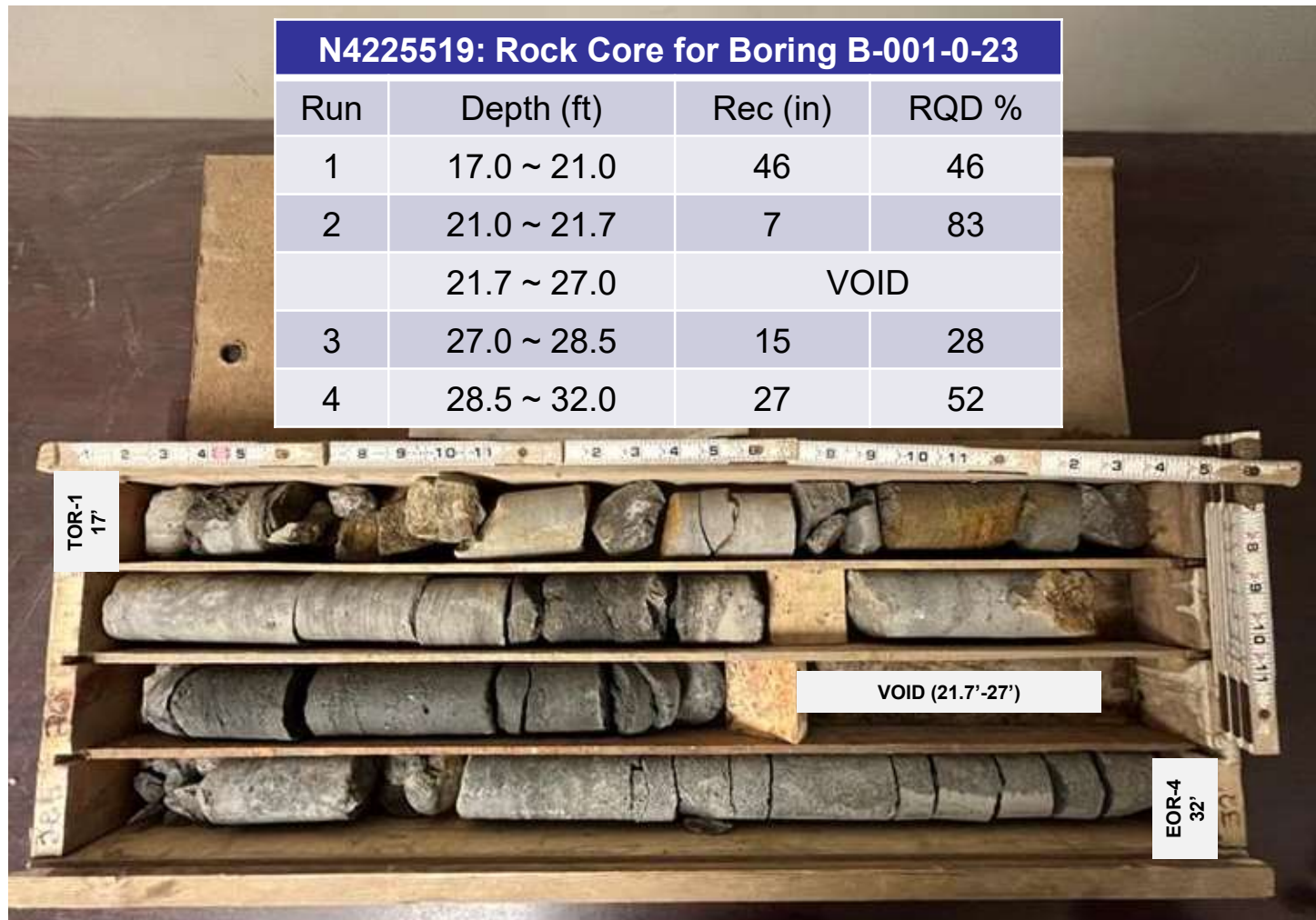


PHOTO 1: ROCK CORE OF BORING B-001-0-23, BOX 1 of 1

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Project Manager:</td><td style="padding: 2px;">BH</td></tr> <tr><td style="padding: 2px;">Drawn by:</td><td style="padding: 2px;">IR</td></tr> <tr><td style="padding: 2px;">Checked by:</td><td style="padding: 2px;">BH</td></tr> <tr><td style="padding: 2px;">Approved by:</td><td style="padding: 2px;">TM</td></tr> </table>	Project Manager:	BH	Drawn by:	IR	Checked by:	BH	Approved by:	TM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Project No.</td><td style="padding: 2px;">N4225519</td></tr> <tr><td style="padding: 2px;">Scale:</td><td style="padding: 2px;">N.T.S.</td></tr> <tr><td style="padding: 2px;">File Name:</td><td style="padding: 2px;">Rockcore Photos</td></tr> <tr><td style="padding: 2px;">Date:</td><td style="padding: 2px;">05/09/2023</td></tr> </table>	Project No.	N4225519	Scale:	N.T.S.	File Name:	Rockcore Photos	Date:	05/09/2023	800 Morrison Road Columbus, Ohio 43230 PH. (614) 863-3113 FAX. (614) 863-0475	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">ROCK CORE PHOTO OF BORING B-001-0-23 (Box 1 of 1)</th> </tr> <tr> <td style="padding: 10px;"> BEL-250-8.15 PID 118151 - Retaining Wall Replacement Geotechnical Investigation Bridgeport, Belmont County, Ohio </td> </tr> </table>	ROCK CORE PHOTO OF BORING B-001-0-23 (Box 1 of 1)	BEL-250-8.15 PID 118151 - Retaining Wall Replacement Geotechnical Investigation Bridgeport, Belmont County, Ohio
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